

Yellagonga Regional Park Revegetation Species List (v1.1- March 2023)

Natural Area Consulting Management Services (Natural Area) was commissioned by the Department of Biodiversity, Conservation and Attractions (DBCA) to provide a suitable revegetation species lists for Yellagonga Regional Park (YRP) of locally endemic species. A Botanist from Natural Area traversed the site on the 8 February 2023 and recorded reference sites throughout the reserve and recording a general list of species present.

Yellagonga Regional Park is approximately 1,400 ha and is located approximately 28 km north of Perth's Central Business District (CBD). Five broad vegetation types were defined within the *Yellagonga Regional Park Management Plan 2003-2013*:

- Paperbark (*Melaleuca*) Woodland
- Flooded Gum (*Eucalyptus rudis*) Woodland
- Jarrah (*Eucalyptus marginata*)-Marri (*Corymbia calophylla*) -Banksia Open Woodland
- Tuart (*Eucalyptus gomphocephala*)- Jarrah (*Eucalyptus marginata*)-Marri (*Corymbia calophylla*) Open Forest
- Sedgeland.

Vegetation types are defined by species dominance and records dominant over, middle and understorey species.

Species List

A revegetation species list using locally endemic species has been designed specifically suitable for on-going revegetation programs across Yellagonga Regional Park by vegetation type. The subsections below are separated by vegetation type with a species list and reference sites for each. Locations have been given for each reference site within Appendix 1. The lists provided are indicative of species that are commonly commercially available through native plant nurseries and are not an exhaustive representation of the community type.

Yellagonga Regional Park Revegetation Species List (V1.1- March 2023)

Paperbark (*Melaleuca*) Woodland

Three Paperbark Woodland reference sites were recorded throughout Yellagonga Regional Park during Natural Area's assessment. These made up of an upper storey of *Melaleuca* species and an understorey of Cyperaceae species.

Paperbark Woodland Reference Sites

Reference Site 1#



Reference Site 2#



Reference Site 3#



Paperbark Woodland - Revegetation Species List

Family	Scientific Name	Common Name
Proteaceae	<i>Banksia littoralis</i>	Swamp Banksia
Cyperaceae	<i>Bolboschoenus caldwellii</i>	Marsh Club-rush
Apiaceae	<i>Centella asiatica</i>	Centella
Fabaceae	<i>Eucalyptus rudis</i>	Flooded Gum
Cyperaceae	<i>Gahnia trifida</i>	Coast Saw-sedge
Myrtaceae	<i>Hypocalymma angustifolium</i>	White Myrtle
Fabaceae	<i>Jacksonia furcellata</i>	Grey Stinkwood
Juncaceae	<i>Juncus pallidus</i>	Pale Rush
Cyperaceae	<i>Lepidosperma longitudinale</i>	Pithy Sword Sedge
Campanulaceae	<i>Lobelia anceps</i>	Angled Lobelia
Cyperaceae	<i>Machaerina articulata</i>	Jointed Rush
Cyperaceae	<i>Machaerina juncea</i>	Bare Twigrush
Cyperaceae	<i>Machaerina preissii</i>	
Myrtaceae	<i>Melaleuca lateritia</i>	Robin Redbreast Bush
Myrtaceae	<i>Melaleuca preissiana</i>	Moonah
Myrtaceae	<i>Melaleuca raphiophylla</i>	Swamp Paperbark
Myrtaceae	<i>Melaleuca seriata</i>	
Myrtaceae	<i>Melaleuca teretifolia</i>	Banbar
Myrtaceae	<i>Pericalymma ellipticum</i>	Swamp Teatree
Myrtaceae	<i>Regelia ciliata</i>	
Cyperaceae	<i>Schoenoplectus tabernaemontani</i>	
Fabaceae	<i>Viminaria juncea</i>	

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Sedgeland

One reference site within YRP was recorded for the Sedgeland vegetation type, it mainly consisted of species within the Cyperaceae and Juncaceae Family's.

Sedgelands Reference Site 1#



Sedgeland - Revegetation Species List

Family	Scientific Name	Common Name
Cyperaceae	<i>Bolboschoenus caldwellii</i>	Marsh Club-rush
Cyperaceae	<i>Carex appressa</i>	Tall Sedge
Cyperaceae	<i>Carex fascicularis</i>	Tassel Sedge
Apiaceae	<i>Centella asiatica</i>	Centella
Myrtaceae	<i>Eucalyptus rudis</i>	Flooded Gum
Cyperaceae	<i>Gahnia trifida</i>	Coast Saw-sedge
Juncaceae	<i>Juncus pallidus</i>	Pale Rush
Cyperaceae	<i>Lepidosperma longitudinale</i>	Pithy Sword Sedge
Cyperaceae	<i>Machaerina articulata</i>	Jointed Rush
Cyperaceae	<i>Machaerina juncea</i>	Bare Twigrush
Cyperaceae	<i>Machaerina preissii</i>	
Myrtaceae	<i>Melaleuca preissiana</i>	Moonah
Myrtaceae	<i>Melaleuca raphiophylla</i>	Swamp Paperbark
Cyperaceae	<i>Schoenoplectus tabernaemontani</i>	

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Tuart-Jarrah-Marri Open Forest

Two reference sites were recorded within Yellagonga Regional Park, the reference site's upper storey consisted of a mix of *Eucalyptus gomphocephala* (Tuart), *Eucalyptus marginata* (Jarrah) and *Corymbia calophylla* (Marri). The dominant middle storey contained *Xanthorrhoea preissii* (Grass tree) and *Macrozamia riedlei* (Zamia) with a majority introduced understorey comprised of grasses and herbs. A suggested revegetation species list has been provided based on the Yellagonga Regional Park reference sites and the *Approved Conservation Advice for the Tuart (Eucalyptus gomphocephala) woodlands and forest of the Swan Coastal Plain ecological community* (Department of Agriculture, Water and the Environment, 2019). The Approved Conservation Advice has been used as a guideline as it lists native species that characterises the ecological community Tuart Woodlands similar to this vegetation type.

Tuart-Jarrah-Marri Open Forest Reference Sites

Reference Site 1#



Reference Site 2#



Tuart-Jarrah-Marri Open Forest - Revegetation Species List

Family	Scientific Name	Common Name
Fabaceae	<i>Acacia pulchella</i>	Prickly Moses
Fabaceae	<i>Acacia saligna</i>	Orange Wattle
Fabaceae	<i>Acacia willdenowiana</i>	Grass Wattle
Myrtaceae	<i>Agonis flexuosa</i>	Peppermint
Casuarinaceae	<i>Allocasuarina fraseriana</i>	Sheoak
Poaceae	<i>Austrostipa flavescens</i>	
Proteaceae	<i>Banksia attenuata</i>	Slender Banksia
Proteaceae	<i>Banksia grandis</i>	Bull Banksia
Proteaceae	<i>Banksia littoralis</i>	Swamp Banksia
Proteaceae	<i>Banksia menziesii</i>	Firewood Banksia
Proteaceae	<i>Banksia prionotes</i>	Acorn Banksia
Proteaceae	<i>Banksia sessilis</i>	Parrot Bush



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Tuart-Jarrah-Marri Open Forest - Revegetation Species List

Family	Scientific Name	Common Name
Haemodoraceae	<i>Conostylis aculeata</i>	Prickly Conostylis
Myrtaceae	<i>Corymbia calophylla</i>	Marri
Restionaceae	<i>Desmocladus flexuosus</i>	
Hemerocallidaceae	<i>Dianella revoluta</i>	Blueberry Lily
Myrtaceae	<i>Eucalyptus gomphocephala</i>	Tuart
Myrtaceae	<i>Eucalyptus todtiana</i>	Pricklybark
Fabaceae	<i>Gompholobium tomentosum</i>	Hairy Yellow Pea
Haemodoraceae	<i>Haemodorum laxum</i>	
Haemodoraceae	<i>Haemodorum spicatum</i>	Mardja
Proteaceae	<i>Hakea lissocarpha</i>	Honey Bush
Fabaceae	<i>Hardenbergia comptoniana</i>	Native Wisteria
Dilleniaceae	<i>Hibbertia hypericoides</i>	Yellow Buttercups
Dilleniaceae	<i>Hibbertia racemosa</i>	
Fabaceae	<i>Hovea trisperma</i>	Common Hovea
Fabaceae	<i>Jacksonia furcellata</i>	Grey Stinkwood
Fabaceae	<i>Jacksonia sternbergiana</i>	Stinkwood
Fabaceae	<i>Kennedia prostrata</i>	Scarlet Runner
Phyllanthaceae	<i>Lysiandra calycina</i>	False Boronia
Zamiaceae	<i>Macrozamia riedlei</i>	Zamia
Poaceae	<i>Microlaena stipoides</i>	Weeping Grass
Xanthorrhoeaceae	<i>Xanthorrhoea preissii</i>	Grass tree

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Jarrah-Marri-Banksia Open Woodland

Three reference sites were recorded of this vegetation type in YRP, they consisted of a dominant *Banksia* species upper storey and a mixed understorey of native shrubs and herbs. A suggested revegetation species list has been provided in based on the Yellagonga Regional Park reference sites and the *Approved Conservation Advice for the Banksia Woodlands of the Swan Coastal Plain ecological community* (Department of Agriculture, Water and the Environment, 2016). The Approved Conservation Advice has been used as a guideline as it lists native species that characterises the ecological community Banksia Woodlands which has the potential to be present within this vegetation type.

Jarrah-Marri-Banksia Open Woodland Reference Sites

Reference Site 1#



Reference Site 2#



Reference Site 3#



Jarrah-Marri-Banksia Open Woodland - Revegetation Species List

Family	Scientific Name	Common Name
Fabaceae	<i>Acacia huegelii</i>	
Fabaceae	<i>Acacia pulchella</i>	Prickly Moses
Fabaceae	<i>Acacia pulchella</i> var. <i>pulchella</i>	
Fabaceae	<i>Acacia saligna</i>	Orange Wattle
Casuarinaceae	<i>Allocasuarina fraseriana</i>	Sheoak
Casuarinaceae	<i>Allocasuarina humilis</i>	Dwarf Sheoak
Proteaceae	<i>Banksia attenuata</i>	Slender Banksia
Proteaceae	<i>Banksia grandis</i>	Bull Banksia
Proteaceae	<i>Banksia ilicifolia</i>	Holly-leaved Banksia
Proteaceae	<i>Banksia menziesii</i>	Firewood Banksia
Fabaceae	<i>Bossiaea eriocarpa</i>	Common Brown Pea
Myrtaceae	<i>Calothamnus quadrifidus</i>	One-sided Bottlebrush
Ericaceae	<i>Conostephium pendulum</i>	Pearl Flower
Haemodoraceae	<i>Conostylis aculeata</i>	Prickly Conostylis
Haemodoraceae	<i>Conostylis juncea</i>	
Myrtaceae	<i>Corymbia calophylla</i>	Marri
Fabaceae	<i>Daviesia triflora</i>	



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Jarrah-Marri-Banksia Open Woodland - Revegetation Species List

Family	Scientific Name	Common Name
Restionaceae	<i>Desmocladus flexuosus</i>	
Hemerocallidaceae	<i>Dianella revoluta</i>	Blueberry Lily
Myrtaceae	<i>Eucalyptus marginata</i>	Jarrah
Cyperaceae	<i>Ficinia nodosa</i>	Knotted Club Rush
Fabaceae	<i>Gastrolobium capitatum</i>	
Fabaceae	<i>Gompholobium tomentosum</i>	Hairy Yellow Pea
Haemodoraceae	<i>Haemodorum laxum</i>	
Haemodoraceae	<i>Haemodorum spicatum</i>	Mardja
Proteaceae	<i>Hakea prostrata</i>	Harsh Hakea
Proteaceae	<i>Hakea ruscifolia</i>	Candle Hakea
Fabaceae	<i>Hardenbergia comptoniana</i>	Native Wisteria
Dilleniaceae	<i>Hibbertia huegelii</i>	
Dilleniaceae	<i>Hibbertia hypericoides</i>	Yellow Buttercups
Dilleniaceae	<i>Hibbertia racemosa</i>	
Fabaceae	<i>Hovea trisperma</i>	Common Hovea
Myrtaceae	<i>Hypocalymma robustum</i>	Swan River Myrtle
Fabaceae	<i>Jacksonia furcellata</i>	Grey Stinkwood
Fabaceae	<i>Jacksonia sternbergiana</i>	Stinkwood
Fabaceae	<i>Kennedia prostrata</i>	Scarlet Runner
Asparagaceae	<i>Lomandra caespitosa</i>	Tufted Mat Rush
Asparagaceae	<i>Lomandra hermaphrodita</i>	
Phyllanthaceae	<i>Lysiandra calycina</i>	False Boronia
Zamiaceae	<i>Macrozamia riedlei</i>	Zamia
Iridaceae	<i>Patersonia occidentalis</i>	Purple Flag
Proteaceae	<i>Petrophile linearis</i>	Pixie Mops
Goodeniaceae	<i>Scaevola canescens</i>	Grey Scaevola
Proteaceae	<i>Stirlingia latifolia</i>	Blueboy
Xanthorrhoeaceae	<i>Xanthorrhoea preissii</i>	Grass tree
Apiaceae	<i>Xanthosia huegelii</i>	

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Flooded Gum Woodland

Two reference sites were recorded within Yellagonga Regional Park for the Flooded Gum (*Eucalyptus rudis*) vegetation type. The upper storey was dominated by Flooded Gum (*Eucalyptus rudis*) with majority of the understorey present being introduced species.

Flooded Gum Woodland Reference Sites

Reference Site 1#



Reference Site 2#



Flooded Gum Woodland - Revegetation Species List

Family	Scientific Name	Common Name
Myrtaceae	<i>Astartea scoparia</i>	Common Astartea
Cyperaceae	<i>Bolboschoenus caldwellii</i>	Marsh Club-rush
Apiaceae	<i>Centella asiatica</i>	Centella
Myrtaceae	<i>Eucalyptus rudis</i>	Flooded Gum
Cyperaceae	<i>Gahnia trifida</i>	Coast Saw-sedge
Fabaceae	<i>Gastrolobium ebracteolatum</i>	
Goodeniaceae	<i>Goodenia pulchella</i>	
Myrtaceae	<i>Hypocalymma angustifolium</i>	White Myrtle
Fabaceae	<i>Jacksonia sternbergiana</i>	Stinkwood
Fabaceae	<i>Jacksonia furcellata</i>	Grey Stinkwood
Juncaceae	<i>Juncus pallidus</i>	Pale Rush
Myrtaceae	<i>Kunzea glabrescens</i>	Spearwood
Cyperaceae	<i>Lepidosperma longitudinale</i>	Pithy Sword Sedge
Campanulaceae	<i>Lobelia anceps</i>	Angled Lobelia
Cyperaceae	<i>Machaerina articulata</i>	Jointed Rush
Cyperaceae	<i>Machaerina juncea</i>	Bare Twigrush
Myrtaceae	<i>Melaleuca lateritia</i>	Robin Redbreast Bush
Myrtaceae	<i>Melaleuca raphiophylla</i>	Swamp Paperbark
Iridaceae	<i>Patersonia occidentalis</i>	Purple Flag
Myrtaceae	<i>Regelia ciliata</i>	
Fabaceae	<i>Viminaria juncea</i>	Swish Bush

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References

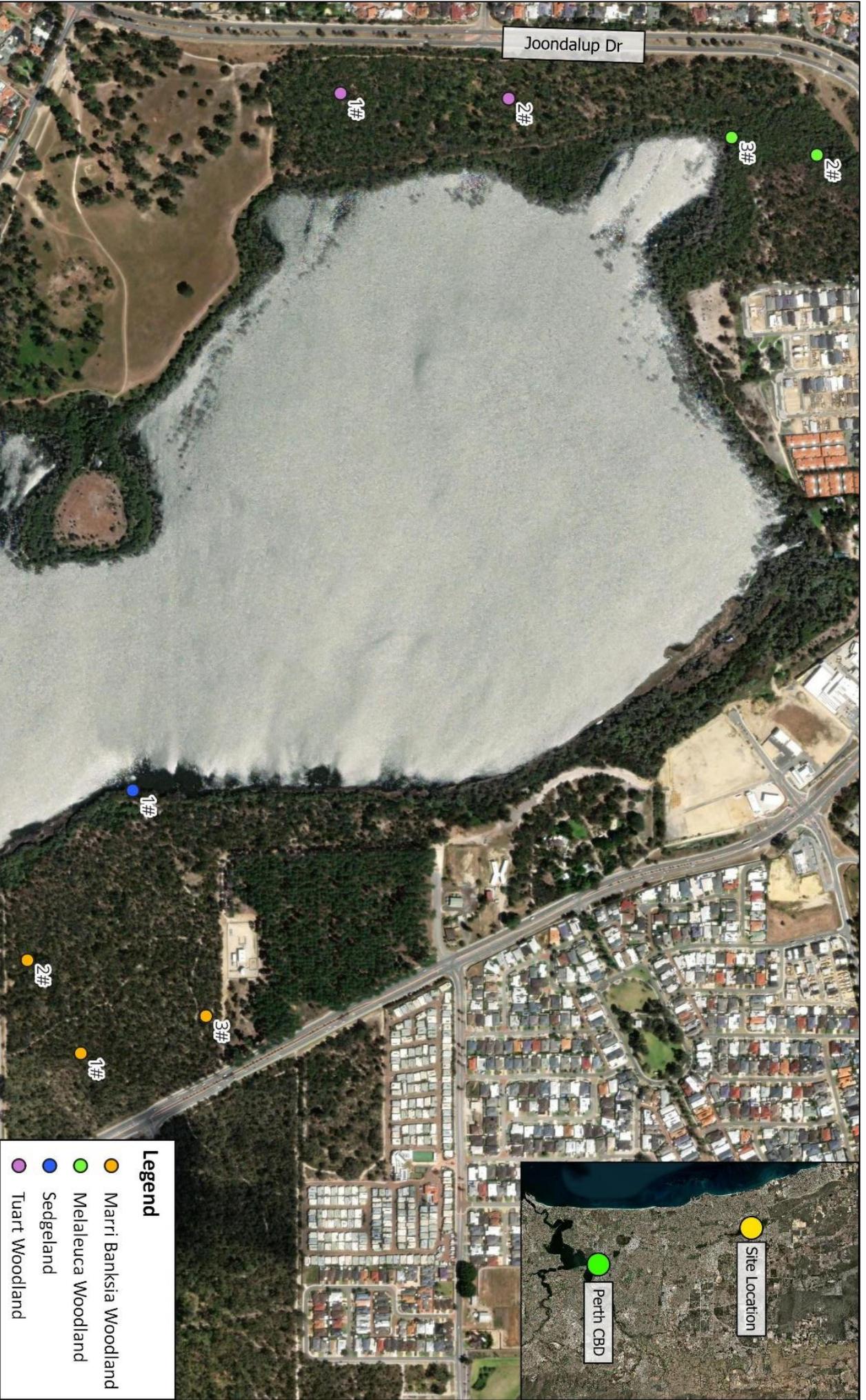
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Department of Agriculture, Water and the Environment (DAWE). (2019). *Approved Conservation Advice (incorporating listing advice) for the Tuart (Eucalyptus gomphocephala woodlands and forests of the Swan Coastal Plain Ecological Community*. Retrieved from

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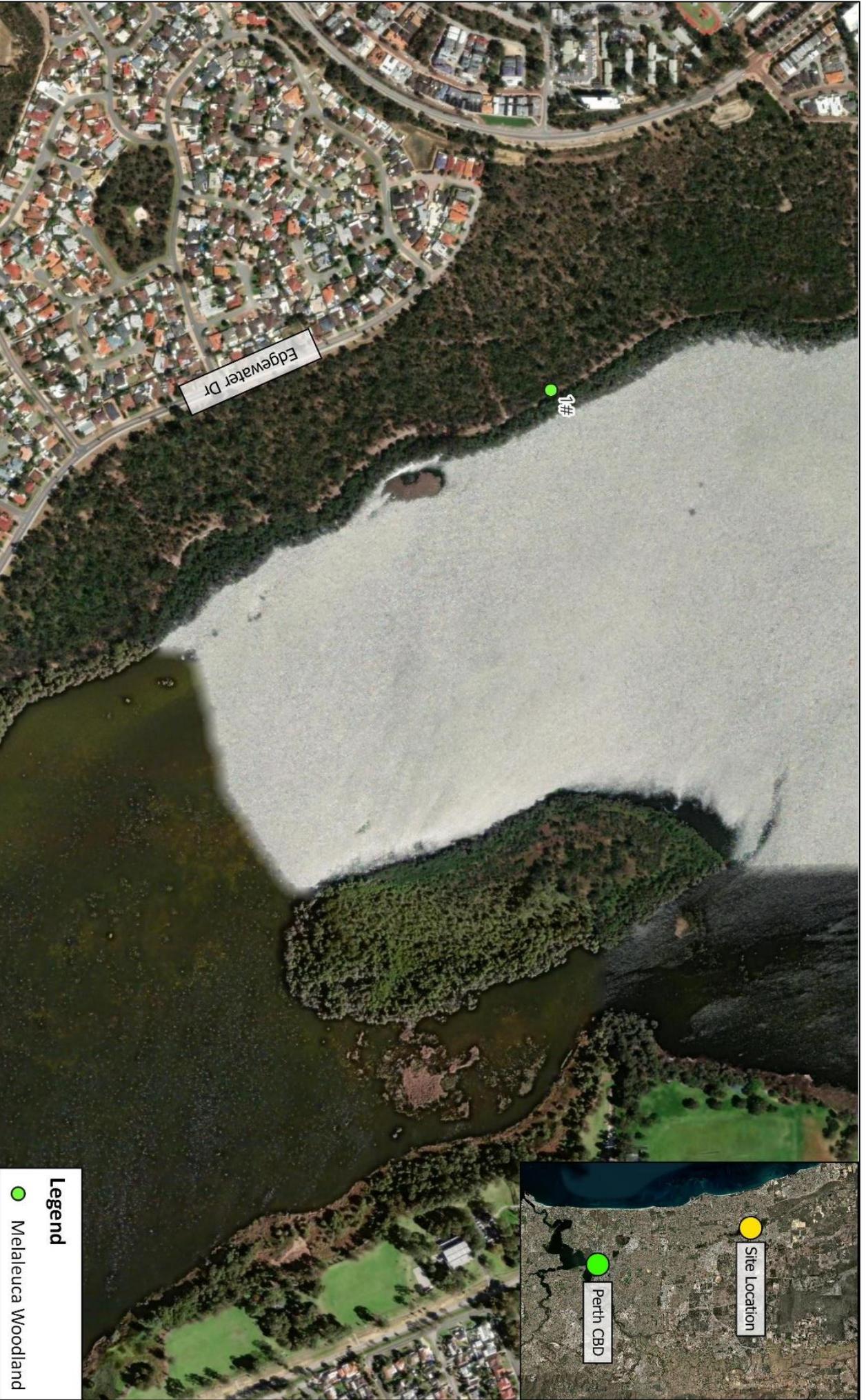


Reference Sites
Yellagonga Regional Park

Client: Department of Biodiversity,
 Conservation and Attractions
 Date: Feb 2023
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 Datum: GDA 94



- Legend**
- Marri Banksia Woodland
 - Melaleuca Woodland
 - Sedgeland
 - Tuart Woodland



Edgewater Dr

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Site Location

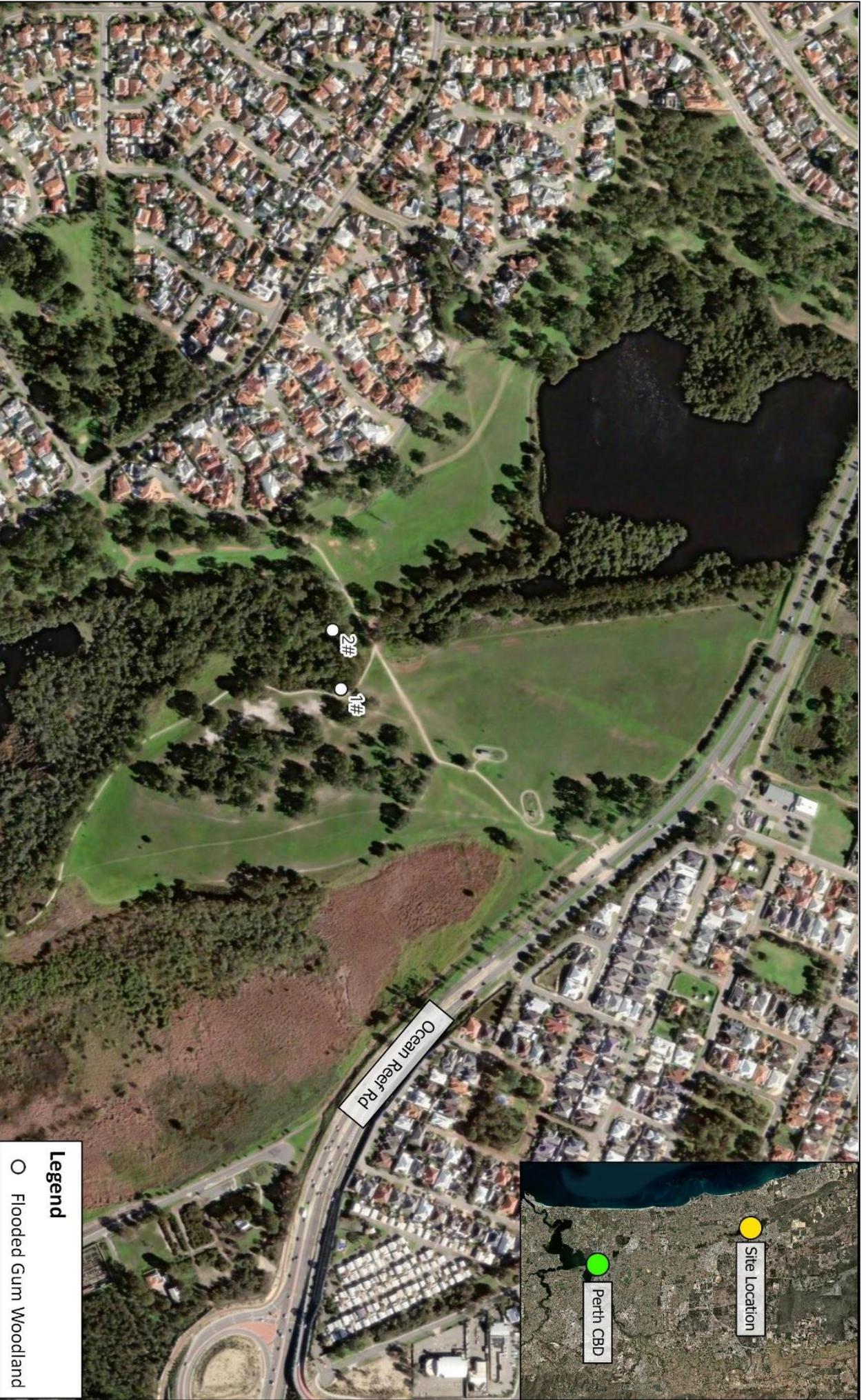
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Legend
● Melaleuca Woodland

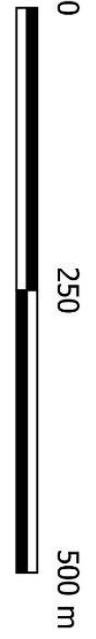
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Legend
 ○ Flooded Gum Woodland



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