

# **GEOFFREY BAY FORESHORE NATURAL VALUES MAPPING**

**Prepared by Geoffrey Bay Coastcare, October 2018**

The purpose of this report is to identify natural values on Geoffrey Bay foreshore for conservation, for example when Council is doing maintenance or planning new works in the area.

All mapped areas are considered worthy of conservation.

All mapped areas are native vegetation (remnant or regrowth) unless otherwise noted.

Exotic vegetation with cultural values is noted with an asterisk\*

All mapped areas are copses (multiple trees, shrubs and vines, etc) unless noted as single trees.

Mapping excludes Jetty Rd and areas inland of Marine Parade.

The mapping area is primarily the sand dune area on the seaside of Marine Parade.

It is zoned Environmental Management and Conservation in the Planning Scheme and is immediately adjacent to Marine National Park (Green Zone). The area is within the Great Barrier Reef World Heritage Area.

The report consists of the following two components:

- this document containing descriptions and images of significant vegetation
- maps with polygons and points (provided as a separate document)

The first two maps (in the separate document) show numbered polygons. The numbered text and photos below correspond with the numbered polygons. The third map shows turtle and rainbow bee-eater nesting areas.

**0:** *Corymbia tessellaris*, paperbark, kapok, vine thicket species, mangroves, coconut\*



# 1: Mangrove including Hibiscus



## 2: Casuarina



### 3: *Corymbia tessellaris*



#### 4: Paperbark, Livistona and Clerodendrum inerme



## 5: Coconut avenue\*



**6:** Local provenance tree planting (Paperbark, Burdekin plum, Peanut tree, Livistona, etc)



## 7: Paperbark



## 8: Excoecaria



**9:** Dune with native herbs, grasses, Pandanus, etc



## 10: Paperbark and Livistona



## 11: Tamarind\* and Paperbark



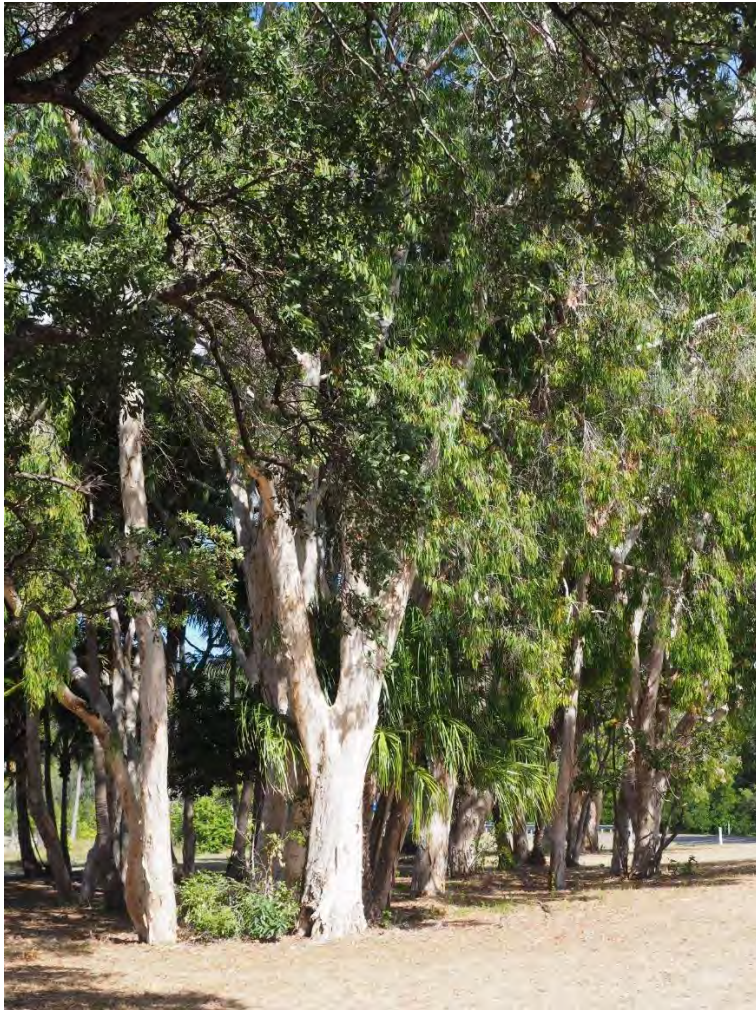
## 12: Paperbark and *Corymbia tessellaris* plus native tree planting



## 13: Lophostemon



**14:** Paperbark, Aglaia, Premna, Livistona, Pandanus, Diospyros, Euroschinus, Polyalthia, Sandpaper fig, etc







## 15: Mangrove including Hibiscus



**16:** Native tree planting (replacing huge Euroschinus cut down)



## 17: *Corymbia tessellaris* and Paperbark



## 18: Excoecaria and Derris



## 19: Mangrove including *Caesalpinia*



**20:** Casuarina and mangrove (illegally removed)



**21:** Mimusops (single tree; ancient)



## 22: *Terminalia muelleri*



**23:** Bruguiera (two individuals; one depicted)



**24:** Casuarina and mangrove with *Clerodendrum inerme*, *Thespesia*, etc



## 25: Casuarina with saltmarsh



## 26: *Terminalia muelleri* and *Euroschinus*



**27** : *Casuarina* with *Clerodendrum inerme*, *Excoecaria*, *Thuarea*, *Sophora*, *Cordia*, etc





**28:** *Terminalia muelleri* (local provenance planted; single tree)



**29:** Casuarina (single tree; one of the last giant Casuarinas)



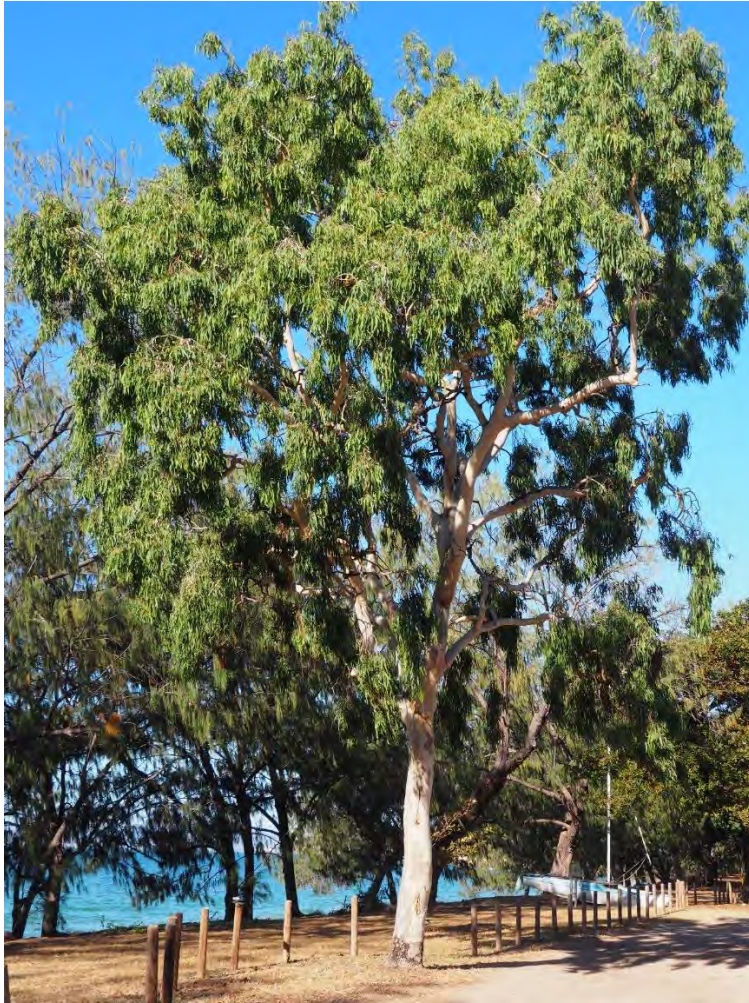
**30:** Terminalia muelleri (local provenance planted; single tree; no image; visible in mid distance in polygon 29 photo)

**31:** *Terminalia muelleri* (single tree)

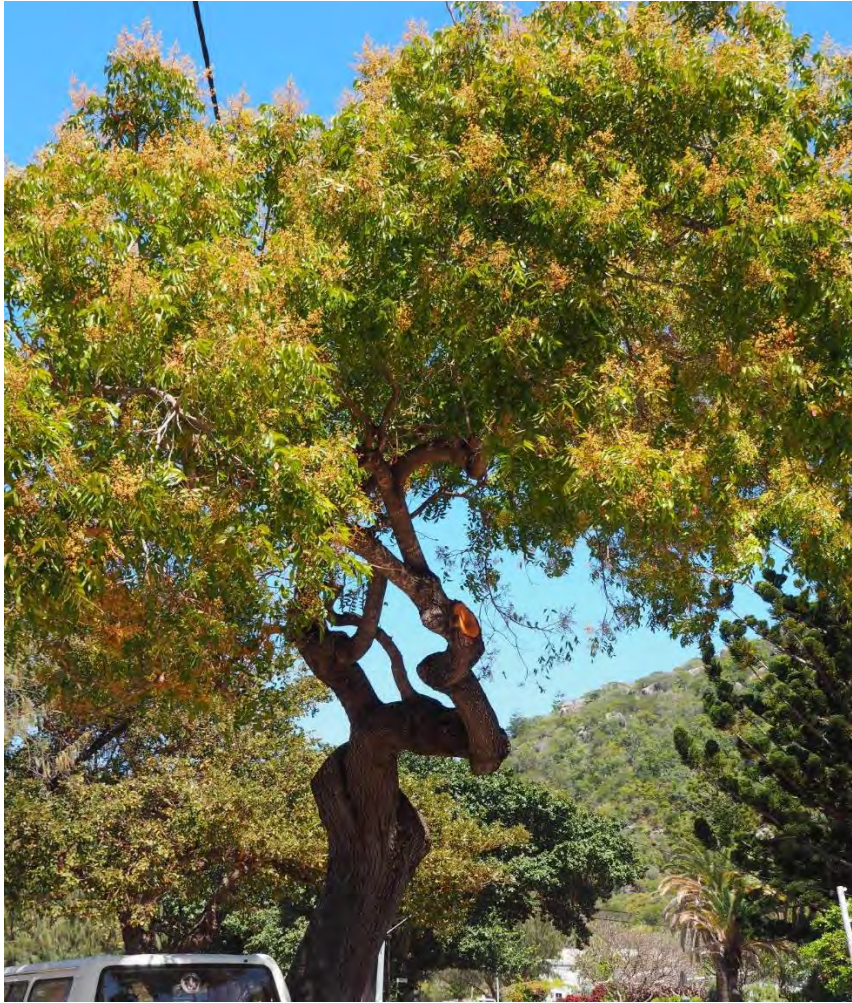




**32:** *Corymbia tessellaris* (single tree)



**33:** Euroschinus (ancient; single tree)



**34:** Wulgurukaba turtle nesting interpretation and tree planting including Casuarina, Terminalia muelleri and Mimosaops; Casuarina (one of the last giants)





**35:** *Terminalia muelleri* (ancient; single tree; planted *Mimusops* referred to in polygon 34 is visible to the right of *Terminalia*)



**36:** *Ficus virens* (single tree)



**37:** *Corymbia tessellaris* (single tree; no image)

**38:** *Corymbia tessellaris*



**39:** *Clerodendrum floribundum* (lolly tree), Peanut tree, Burdekin plum







## 40: Mangrove including Colubrina



## 41: Native tree planting





**X:** Banyan/*Ficus benghalensis*\* (numerous locations)

