



Figure 17

EEC Mapping of Lands - Bawley Point



| BAWLEY POINT |                                     |   |   |   |
|--------------|-------------------------------------|---|---|---|
| Land Number  | Vegetation Community                | Description   | Broad Condition / Value   | Threat  |
| 1a           | Swamp Oak Floodplain Forest - EEC   | A Swamp Oak community with a weedy understorey. Buffalo Grass dominates in sections and Sea Rocket is also common.  | <b>Fair condition.</b> Weed invasion and tracks around the edges. Provides a buffer to Willinga Lake entrance.  | Ongoing weed invasion.                                  |
| 1b           | Bangalay Sand Forest - EEC          | Swamp Oak grades into a Bangalay dominated community. Also occurring are Common Silkpod, Sweet Pittosporum, Lomandra, Coast Banksia, Blady Grass and Common Bracken. Garden plants are also scattered throughout.               | <b>Fair condition.</b> Some tracks, dumping and weed invasion. Provides an important vegetated link to Willinga Lake entrance.  | Ongoing impacts of urbanisation.                        |
| 1c           | Spotted Gum tall forest             | This diverse community supported Bordered Panic, Bonnet Orchid, Burrawang, <i>Glycine tabacina</i> , Climbing Guinea Flower, Prickly Beard-heath, Silver Banksia. Garden plants become more common in the south and south-east. | <b>Fair condition.</b> Some tracks, dumping and weed invasion. Provides an important vegetated link to Willinga Lake entrance.  | Ongoing impacts of urbanisation.                        |
| 2a           | Modified/Bangalay Sand Forest - EEC | Willinga Point car parking area supports remnant and stunted Bangalay Sand Forest.  | <b>Poor condition.</b> Impacted from clearing and high visitor usage. Provides an important vegetated link and stabilises the headland.   | Ongoing impacts of urbanisation and high visitor usage. |
| 2b           | Spotted Gum tall forest             | This Spotted Gum community appears to have been partially cleared in the understorey. Remaining are Coastal Wattle, Sweet Pittosporum and Asparagus Fern.   | <b>Fair condition.</b> Edge effects and the pressures of urbanisation and high visitor usage. Away from the edges the condition improves. Provides an important vegetated link around Willinga Point.                                     | Ongoing impacts of urbanisation and high visitor usage. |
| 3a           | Bangalay Sand Forest - EEC          | Bangalay dominates in this area with Spotted Gum still present in low numbers throughout.   | <b>Fair condition.</b> Predominately poor condition due to edge effects and the pressures of urbanisation and high visitor usage. Away from the edges the condition improves. Provides an important vegetated link around Willinga Point. | Ongoing impacts of urbanisation and high visitor usage. |
| 3b           | Spotted Gum tall forest             | Spotted Gum community grades back in this area of slightly higher elevation.  | <b>Poor condition.</b> This is a high use area that is impacted by visitor usage. Tracks, trampling and rubbish are common. Provides an important vegetated link around Willinga Point.   | High usage area.  |

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|-------------|--|---|---|---|
| 4           | Cleared / Coastal scrub                  | This is a cleared picnic area. May once of been representative of Bangalay Sand Forest. Weeds dominate throughout.  | <b>Very poor condition.</b> Predominately poor condition due to edge effects and the pressures of urbanisation and high visitor usage. Provides an important coastal link.  | Ongoing impacts of urbanisation and high visitor usage. |
| 5           | Cleared / Coastal scrub                  | Badly degraded area on Bawley Point.  | <b>Very poor condition.</b> Predominately poor condition due to edge effects and the pressures of urbanisation and high visitor usage. Provides an important coastal link.  | Ongoing impacts of urbanisation and high visitor usage. |
| 6a / 6d     | <b>Swamp Oak Floodplain Forest - EEC</b> | Swamp Oak dominates the western edge and southern corner. Both patches are badly degraded. Western patch supports Tall Saw-sedge, Kidney Weed, Common Silkpod. Swamp Oak has been cleared throughout. The southern patch occurs in a drainage channel which is degraded through modification and garden plants. | <b>Very poor condition.</b> Much of this area has been modified through clearing, weed invasion and changes to drainage patterns. Provides a buffer to Cormorant Beach and stepping stone habitat with areas to the west.           | Ongoing impacts of urbanisation and lack of management. |
| 6b          | <b>Swamp Sclerophyll Forest - EEC</b>    | Bangalay are scattered throughout this dense and badly degraded community. Tall Saw-sedge is also common. It grades into Bangalay Sand Forest to the east.  | <b>Very poor condition.</b> Much of this area has been modified through clearing, weed invasion and changes to drainage patterns. Provides a buffer to Cormorant Beach and stepping stone habitat with areas to the west.           | Ongoing impacts of urbanisation and lack of management. |
| 6c          | <b>Bangalay Sand Forest - EEC</b>        | This Bangalay Sand Forest has an open understorey and shows signs of clearing and changes to drainage patters.  | <b>Very poor condition.</b> Much of this area has been modified through clearing, weed invasion and changes to drainage patterns. Provides a buffer to Cormorant Beach and stepping stone habitat with areas to the west.           | Ongoing impacts of urbanisation and lack of management. |
| 6e          | Modified                                 | This central section contains dried ponds and the majority of vegetation within these ponds appears dead. Saltwater Couch and Swamp Paperbark occur on the edges  | <b>Very poor condition.</b> Much of this area has been modified through clearing, weed invasion and changes to drainage patterns. Provides stepping stone habitat with areas to the west.   | Ongoing impacts of urbanisation and lack of management. |
| 7-Aug       | Cleared / Coastal scrub                  | Areas throughout are maintained as lawn. Coastal Wattle is dominant in this area.   | <b>Very poor condition.</b> Predominately poor condition due to edge effects and the pressures of urbanisation and high visitor usage. Rabbits are also present. Provides a buffer to Cormorant and Gannet Beach from urbanisation. | Ongoing impacts of urbanisation and high visitor usage. |

| Land Number | Vegetation Community                     | Description  | Broad Condition / Value   | Threat  |
|-------------|--|--|---|---|
| 9a          | <b>Bangalay Sand Forest - EEC</b>        | A narrow strip of Bangalay occurs behind the frontal dune and Malibu Drive.                                      | <b>Poor condition.</b> This is a narrow strip affected by edge effects and tracks. Provides a buffer to Gannet Beach.   | Ongoing impacts of urbanisation and high visitor usage.                         |
| 9b          | Cleared / Coastal scrub                  | Patches of coastal vegetation remains although it is likely that substantial clearing has occurred.              | <b>Poor condition.</b> This is a narrow strip affected by edge effects and tracks. Provides a buffer to Gannet Beach.   | Ongoing impacts of urbanisation and high visitor usage.                         |
| 9c          | <b>Swamp Oak Floodplain Forest - EEC</b> | This narrow and badly degraded EEC is dominated by Swamp Oak with a Kikuyu understorey                           | <b>Very poor condition.</b> This area is weed infested and drainage patterns have been changed. Provides habitat for birds and amphibians.  | Lack of management of this site as an EEC.                                      |
| 10a         | <b>Coastal Saltmarsh - EEC</b>           | Dominated by <i>Sarcocornia quinqueflora</i> , Creeping Brookweed and the introduced <i>Atriplex prostrate</i> . | <b>Fair condition.</b> This community is reasonably well protected although a number of tracks through the saltmarsh are evident where development is adjacent. Provides a buffer to Willinga Lake.   | Weed invasion. With current levels of adjacent development threats are minimal. |
| 10b         | <b>Swamp Oak Floodplain Forest - EEC</b> | This community is present along areas where drainage lines enter the lake.                                       | <b>Fair condition.</b> This community is reasonably well protected although a number of tracks through the EEC are evident where development is adjacent. Areas around the south-west drainage line have recently been burnt. Provides a buffer to Willinga Lake. | Weed invasion. With current levels of adjacent development threats are minimal. |
| 10c / 10d   | Turpentine - Spotted Gum Tall Forest     | Black She-oak is co-dominant in this community. Blackbutt and Thin-leaved Stringybark also occur in patches.     | <b>Fair condition.</b> This community is reasonably well protected from development. Areas around the south-west drainage line have recently been burnt. Provides a buffer to Willinga Lake.  | Weed invasion. With current levels of adjacent development threats are minimal. |