

Values and threats content for EstuaryWatch Website (Wreck Creek)

Estuarine values

Plant communities and species (Ecological Vegetation Classes (EVCs) and Bioregional Conservation Significance in Victoria);

- 1 Coastal Dune Scrub Mosaic
- 2 Coast Banksia Woodland (Vulnerable)
- 3 Damp Sands Herb-rich Woodland (Vulnerable)
- 161 Coastal Headland Scrub (Depleted)

Fish identified during field sampling in January 2017;

- Short-finned Eel
- Common Galaxias
- Spotted Galaxias
- Flatheaded Gudgeon
- Black Bream
- Yellow-eyed Mullet

Significant bird species (Conservation Status in Victoria);

- Australasian Shoveler (Vulnerable)
- Black-faced Cormorant (Near Threatened)
- Caspian Tern (Near Threatened)
- Common Sandpiper (Vulnerable)
- Common Greenshank (Vulnerable)
- Eastern Great Egret (Endangered)
- Little Egret (Critically Endangered)
- Intermediate Egret (Vulnerable)
- Gull-billed Tern (Endangered)
- Hardhead (Vulnerable)
- Hooded Plover (Vulnerable)
- Latham's Snipe (Near Threatened)
- Musk Duck (Vulnerable)
- Pacific Golden Plover (Vulnerable)
- Pacific Gull (Near Threatened)
- Pied Cormorant (Near Threatened)
- Royal Spoonbill (Near Threatened)
- Ruddy Turnstone (Vulnerable)
- Sanderling (Near Threatened)
- Sooty Oystercatcher (Near Threatened)
- White-fronted Tern (Near Threatened)

Significant bird species (Conservation Status in Australia);

- Sooty Albatross (Vulnerable) (EPBC listed)

Estuarine threats

- Growing population
- High levels of recreational use
- Unpermitted estuary entrance mouth openings
- Changes in water regimes
- High levels of sediment and nutrients
- Pollution events
- Habitat modification
- Land reclamation through drainage of wetlands
- Invasion by weeds or pests
- Salinization and acidification.
- Degraded water quality
- Disturbance of acid sulphate soils
- Altered marine exchange
- Rural drainage and drain clearing
- Urban drainage and stormwater
- Litter
- Trampling and bank erosion associated with pedestrian access.