

## Appendix L Marine Fauna - Threatened species identified as potentially occurring within the Port Lincoln Wharf Area

The below table details fauna species that are listed as threatened, either under National (EPBC Act) or State (NP&W Act) conservation legislation.

Scientific Name	Common Name	EPBC Act Status	NP&W Act Status	Notes
<b>Mammals</b>				
<b>Balaenidae</b>				
<i>Eubalaena australis</i>	Southern Right Whale	Endangered		In Australia <i>Eubalaena australis</i> has been recorded in the coastal waters of all States with sightings ranging from Stradbroke Island and Hervey Bay in Queensland around the entire southern coastline to Exmouth in Western Australia (DEH, 2005).
<b>Balaenopteridae</b>				
<i>Balaenoptera acutorostrata</i>	Minke Whale	Cetaceans	Rare	
<i>Balaenoptera edeni</i>	Bryde's Whale	Migratory, Cetaceans		<i>Balaenoptera edeni</i> is found in temperate to tropical waters, both oceanic and inshore, bounded by latitudes 40°N and S, or the 20°isotherm (Bannister, Kemper and Warneke, 1996).
<i>Megaptera novaeangliae</i>	Humpback Whale	Vulnerable, Migratory		<i>Megaptera novaeangliae</i> are migratory and can be found off the Australian coast in winter and spring. Animals have been seen in eastern Great Australian Bight in early winter, e.g. at Head of the Bight, and near Kangaroo Island, SA (Bannister, Kemper and Warneke, 1996).
<b>Delphinidae</b>				
<i>Delphinus delphis</i>	Common Dolphin	Cetaceans		<i>Delphinus delphis</i> occurs both nearshore and offshore in both temperate and tropical waters. Populations may be associated with high topographical relief of the ocean floor, escarpments and areas of upwelling (Bannister, Kemper and Warneke, 1996).
<i>Grampus griseus</i>	Risso's Dolphin, Grampus	Cetaceans		<i>Grampus griseus</i> has been recorded in tropical, subtropical, temperate and subantarctic waters both inshore and well offshore, although generally considered pelagic and oceanic. In Australia, recorded from south-western WA, SA, Victoria, NSW and Queensland (Bannister, Kemper and Warneke, 1996).

Scientific Name	Common Name	EPBC Act Status	NP&W Act Status	Notes
<i>Lagenorhynchus obscurus</i>	Dusky Dolphin	Migratory		<i>Lagenorhynchus obscurus</i> mostly occurs in temperate and subantarctic zones. Primarily inshore but also pelagic at times. Resident inshore for much of year and may seek out colder water (<18°C) as inshore temperatures rise in summer. There have been confirmed sightings near Kangaroo Island, SA and off Tasmania (Bannister, Kemper and Warneke, 1996).
<i>Orcinus orca</i>	Killer Whale, Orca	Migratory		This species is oceanic (pelagic and neritic) and is found in both warm and cold waters. May be more common in cold, deep waters. Off Australia this species is often seen along continental slope and on shelf and near seal colonies. Sightings are frequent in South Australia and Victoria (Bannister, Kemper and Warneke, 1996).
<i>Tursiops aduncus</i>	Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin	Cetaceans		<i>Tursiops aduncus</i> are known to occur in Australia. <i>T. aduncus</i> is generally considered to be a warm water, inshore species with <i>T. truncatus</i> usually in colder and deeper waters (Bannister, Kemper and Warneke, 1996).
<i>Tursiops truncatus s. str.</i>	Bottlenose Dolphin	Cetaceans		<i>Tursiops truncatus s. str.</i> can be coastal, estuarine, pelagic and oceanic. Occurring in tropical to temperate and occasionally subantarctic waters often <10 m depth and may range to approximately 10 km offshore in oceanic waters. In southern Australia, <i>T. t. truncatus</i> can occur close to shore (e.g. within a few hundred metres of the coastline) as well as in waters beyond the continental slope (Bannister, Kemper and Warneke, 1996).
<b>Neobalaenidae</b>				
<i>Caperea marginata</i>	Pygmy Right Whale	Migratory, Cetaceans	Rare	<i>Caperea marginata</i> is found in temperate and subantarctic waters. Sightings have been reported in oceanic, pelagic and inshore situations. Stranding records suggest concentrations in Bass Strait, south-eastern Tasmania, Kangaroo Island, southern Eyre Peninsula and possibly south-western Western Australia, close to habitats rich in marine life and possibly the zooplankton upon which it feeds (Bannister, Kemper and Warneke, 1996).

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<b>Otariidae</b>				
<i>Arctocephalus forsteri</i>	New Zealand Fur-seal	Listed		In Australian waters, the species has been reported from WA, SA, Victoria, Tasmania, NSW and Queensland. Australian breeding colonies of <i>Arctocephalus forsteri</i> are known from islands off WA, SA and Tasmania. In South Australia, the seals extend from The Pages in Backstairs Passage to Nuyts Reef in the Great Australian Bight (EPBC, 2007).
<i>Neophoca cinerea</i>	Australian Sea-lion	Vulnerable		Approximately 70% of the <i>Neophoca cinerea</i> Population lives in South Australia. There are several critical breeding colonies on the Eyre Peninsula with other isolated breeding colonies between the Great Australian bight and Ceduna in Western Australia (DEH, 2007).
<b>Sharks</b>				
<b>Lamnidae</b>				
<i>Carcharodon carcharias</i>	Great White Shark	Vulnerable		This species is sighted in Australian waters- more frequently in waters in and around seal colonies such as Neptune Islands, Dangerous Reef and near Kangaroo Island (EPBC, 2007).
<b>Ray-Finned Fish</b>				
<b>Syngnathidae</b>				
<i>Acentronura australe</i>	Southern Pygmy Pipehorse	Listed		
<i>Campichthys galei</i>	Gale's Pipefish	Listed		
<i>Filicampus tigris</i>	Tiger Pipefish	Listed		
<i>Heraldia nocturna</i>	Upside-down Pipefish	Listed		
<i>Hippocampus abdominalis</i>	Eastern Potbelly Seahorse, New Zealand Potbelly, Bigbelly Seahorse	Listed		
<i>Hippocampus breviceps</i>	Short-head Seahorse, Short-snouted Seahorse	Listed		
<i>Histiogamphelus cristatus</i>	Rhino Pipefish, Macleay's Crested Pipefish	Listed		

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<i>Hypselognathus horridus</i>	Shaggy Pipefish, Prickly Pipefish	Listed		
<i>Hypselognathus rostratus</i>	Knife-snouted Pipefish	Listed		
<i>Kaupus costatus</i>	Deep-bodied Pipefish	Listed		
<i>Leptoichthys fistularius</i>	Brush-tail Pipefish	Listed		
<i>Acentronura australe</i>	Southern Pygmy Pipehorse	Listed		
<i>Lissocampus runa</i>	Javelin Pipefish	Listed		
<i>Notiocampus ruber</i>	Red Pipefish	Listed		
<i>Phyllopteryx taeniolatus</i>	Weedy Seadragon, Common Seadragon	Listed		
<i>Solegnathus robustus</i>	Robust Spiny Pipehorse, Robust Pipehorse	Listed		
<i>Stigmatopora nigra</i>	Wide-bodied Pipefish, Black Pipefish	Listed		
<i>Urocampus carinirostris</i>	Hairy Pipefish	Listed		
<i>Vanacampus phillipi</i>	Port Phillip Pipefish	Listed		
<i>Vanacampus vercoi</i>	Vercos Pipefish	Listed		

# Historical recording of species at the site as listed in DEH database or potential for species to occur on the site based on estimated geographic range as listed in EPBC Protected Matters Report