**Appendix C Fish species**

|  |  |  |  |
| --- | --- | --- | --- |
| **Scientific name *#*** | **Common name** | **Historical circa 1984** | **Present circa 2007** |
| *Acanthogobius flavimanus* | yellowfin goby | Y |  |
| *Acanthopagrus australis#* | yellowfin bream | Y | Y |
| *Achlyopa nigra* | black sole | Y |  |
| *Achoerodus gouldii* | western blue groper | Y |  |
| *Afurcagobius tamarensis* | Tamar River goby | Y | Y |
| *Aldrichetta forsteri* | yelloweye mullet | Y |  |
| *Ambassis jacksoniensis* | glassfish | Y | Y |
| *Ambassis marianus* | estuary perchlet | Y |  |
| *Ammotretis rostratus#* | longsnout (or large toothed) flounder | Y | Y |
| *Anguilla australis* | short-finned eel | Y |  |
| *Anguilla reinhardtii* | long-finned eel | Y | Y |
| *Antennarius striatus* | striped anglerfish |  | Y |
| *Arenigobius bifrenatus* | bridled goby | Y | Y |
| *Arenigobius frenatus* | half-bridled goby | Y | Y |
| *Argyrosomus japonicus* | mulloway | Y |  |
| *Arripis trutta* | eastern Australian salmon | Y |  |
| *Atherinomorus vaigiensis* | Ogilby’s hardyhead | Y | Y |
| *Bathygobius krefftii* | Krefft’s goby | Y | Y |
| *Batrachomoeus dubius* | frogfish | Y | Y |
| *Belone ferox* | banded needlefish | Y |  |
| *Brachaluteres jacksonianus* | pygmy leatherjacket |  | Y |
| *Brachaluteres trossulus* | pigmy leatherjacket | Y |  |
| *Centropogon australis* | eastern fortescue | Y | Y |
| *Chaetodon ephippium* | saddle butterflyfish | Y |  |
| *Chelidonichthys kumu* | red gurnard | Y |  |
| *Cnidoglanis macrocephalus* | estuary catfish | Y |  |
| *Conger wilsoni* | eastern (short-finned) conger eel | Y |  |
| *Cristatigobius cristatus* | goby | Y |  |
| *Cristiceps australis* | crested weedfish | Y | Y |
| *Dendrochirus zebra* | fire fish (zebra lionfish) | Y |  |
| *Dermatopsis macrodon* | fleshfish | Y |  |
| *Dicotylichthys myersi* | Myer's pufferfish | Y |  |
| *Dinolestes lewini* | longfin pike | Y |  |
| *Engraulis australis* | Australian anchovy | Y |  |
| *Enoplosus armatus#* | old wife | Y | Y |
| *Epinephelus daemelii* | black cod | Y |  |
| *Euristhmus lepturus* | longtailed catfish | Y |  |
| *Favonigobius exquisitus* | exquisite sand goby | Y | Y |
| *Favonigobius lateralis* | long finned goby | Y | Y |
| *Favonigobius* sp. | goby | Y |  |
| *Filicampus tigris* | tiger pipefish | Y |  |
| *Fistularia petimba* | rough flutemouth | Y |  |
| *Gerres ovatus#* | silver biddy | Y |  |
| *Gerres subfasciatus#* | silver biddy | Y | Y |
| *Girella tricuspidata#* | luderick | Y | Y |
| *Gobiomorphus australis* | striped gudgeon | Y | Y |

Towra Point Nature Reserve Ramsar site 123

|  |  |  |  |
| --- | --- | --- | --- |
| *Gobiopterus semivestitus* | glass goby | Y | Y |
| *Herklotsichthys castelnaui* | southern herring | Y |  |
| *Heteroclinus* spp. | weedfish |  | Y |
| *Hippocampus whitei* | White’s seahorse | Y |  |
| *Hyperlophus vittatus* | sandy sprat | Y |  |
| *Hypnos monopterygium* | electric ray (numbfish) | Y |  |
| *Hyporhamphus australis* | eastern sea garfish | Y |  |
| *Leptatherina presbyteroides* | silverfish | Y |  |
| *Liza argentea#* | flat-tail mullet | Y | Y |
| *Meuschenia freycineti#* | six-spined leatherjacket | Y | Y |
| *Meuschenia trachylepis#* | variable (yellow tailed) leatherjacket | Y | Y |
| *Microcanthus strigatus* | stripey | Y |  |
| *Monacanthus chinensis#* | leatherjacket | Y | Y |
| *Monodactylus argenteus* | silver batfish | Y |  |
| *Mugil cephalus#* | sea mullet | Y | Y |
| *Mugilidae* | mullet | Y |  |
| *Mugilogobius paludis* | mangrove goby |  | Y |
| *Mugilogobius platynotus* | flat-backed mangrove goby | Y |  |
| *Mugilogobius stigmaticus* | checkered mangrove goby | Y | Y |
| *Myliobatus australis* | eagle ray | Y |  |
| *Myxus elongatus#* | sand mullet | Y | Y |
| *Neodax balteatus* | little rock-whiting |  | Y |
| *Nesogobius* sp.nov. | goby | Y |  |
| *Omobranchus anolius* | oyster blenny | Y |  |
| *Ophisurus serpens* | serpent eel | Y | Y |
| *Orectolobus maculatus* | spotted wobbegong shark | Y |  |
| *Pagrus auratus* | snapper | Y |  |
| *Pandaculus lidwilli* |  | Y |  |
| *Paramonacanthus otisensis* | dusky leatherjacket | Y |  |
| *Paraplagusia* sp. | tongue sole sp |  | Y |
| *Paraplagusia unicolor* | lemon tongue sole | Y | Y |
| *Pelates quadrilineatus#* | trumpeter |  | Y |
| *Pelates sexlineatus#* | eastern striped trumpeter | Y | Y |
| *Petroscirtes lupus* | brown sabretooth blenny | Y | Y |
| *Platycephalus arenarius#* | flag-tail flathead |  | Y |
| *Platycephalus fuscus#* | dusky flathead | Y | Y |
| *Platycephalus speculator#* | yank flathead |  | Y |
| *Pomatomus saltatrix#* | tailor | Y | Y |
| *Poutawa habenata* | little conger eel | Y |  |
| *Pranesus ogilbyi* | hardy head | Y |  |
| *Priopidichthys marinanus* |  | Y |  |
| *Pseudocaranx dentex* | white trevally | Y |  |
| *Pseudogobius olorum* | blue spot goby | Y | Y |
| *Pseudomugil signifer* | southern blue-eye | Y | Y |
| *Pseudorhombus arsius#* | large toothed flounder | Y | Y |
| *Pseudorhombus jenynsii#* | small-toothed flounder | Y | Y |
| *Pseudorhombus* sp | sand flounder | Y |  |
| *Redigobius macrostoma* | large-mouth goby | Y | Y |
| *Rhabdosargus sarba#* | tarwhine | Y | Y |
| *Sardinops neopilchardus* | pilchard | Y |  |

124 Ecological character description

|  |  |  |  |
| --- | --- | --- | --- |
| *Scobinichthys granulatus#* | rough leatherjacket | Y |  |
| *Selenotoca multifasciata* | striped scat | Y |  |
| *Siganus nebulosus* | happy moments |  | Y |
| *Siganus spinus* | little spinefoot | Y |  |
| *Sillago ciliata#* | sand whiting | Y | Y |
| *Sillago maculata#* | trumpeter whiting | Y | Y |
| *Siphamia cephalotes* | little siphonfish | Y | Y |
| *Siphamia roseigaster* | silver siphonfish | Y | Y |
| *Stigmatopora argus* | spotted pipefish | Y |  |
| *Stigmatopora nigra* | wide body pipefish | Y | Y |
| *Syngnathidae juvenile* | pipefish (juvenile) | Y |  |
| *Syngnathus* sp. | pipefish | Y |  |
| *Taeniodes mordax* | snake head goby |  | Y |
| *Terapon jarbua* | grunter | Y |  |
| *Tetractenos hamiltoni* | common toadfish | Y | Y |
| *Therapon jarbua* | crescent perch | Y |  |
| *Torquigener pleurogramma* | weeping toadfish | Y | Y |
| *Torquigener squamicauda* | brush-tail toadfish | Y | Y |
| *Trachurus novaezelandiae* | yellow-tail scad | Y |  |
| *Trygonoptera testacea* | common stingaree | Y |  |
| *Trygonorrhina fasciata#* | southern fiddler ray |  | Y |
| *Upeneus tragula* | bar-tail goatfish |  | Y |
| *Urocampus carinirostris* | hairy pipefish | Y | Y |
| *Valamugil georgii* | fantail mullet | Y |  |
| *Vanacampus margaritifer* | pipefish | Y |  |
| *Velambassis jacksoniensis* |  | Y |  |

*#* Species of commercial or recreational importance

Source: SPCC (1981a); Bell et al. (1984); Williams (2000); Williams et al. (2004); Mazumder et al. (2005, 2006b); Saintilan et al. (2007)

Towra Point Nature Reserve Ramsar site 125