

# Appendix 5: Shellfish reference collection\*

FAMILY	SPECIES	COMMON NAME/S	PREFERRED ENVIRONMENT/SIZE
MARINE BIVALVIA			
Anomiidae	<i>Anomia trigonopsis</i>	(Hutton, 1877) jingle shell	To 10m among shell debris; to 75mm
Arcidae	<i>Anadara trapezia</i>	(Deshayes, 1840) Sydney cockle; blood cockle; mud ark	Intertidal mangroves; estuarine tidal flats; seagrass beds; to 70mm
Cardiidae	<i>Acrosterigma vertebratum</i>		In muddy sand of intertidal flats
Carditiidae	<i>Venericardia</i> sp.		In sand in shallow water
Chamidae	<i>Chama fibula</i>	(Reeve, 1846) spiny oyster	Attached to shell or coral debris to 10m; to 30mm
Corbulidae	<i>Corbula (Serracorbula) crassa</i>	(Reeve, 1843)	Sandy/muddy substrates; to 18mm
Donacidae	<i>Donax (Plebidonax) deltoides</i>	(Lamarck, 1818) pipi; eugarie; wong	Littoral sand; to 60mm
Mastridae	<i>Mactrid</i> sp.		Littoral sand
Mytilidae	<i>Trichomya hirsutus</i>	(Lamarck, 1819) hairy mussel	Tidal estuary; attached to rocks from low tide level to 16m; to 65mm
Noetiidae	<i>Arcopsis deliciosa</i>	(Iredale, 1939)	Rocky substrates to 81m; to 10mm
Noetiidae	<i>Arcopsis symmetrica</i>	(Reeve, 1844)	Rocky substrates; shallow water; to 16mm
Ostreidae	<i>Saccostrea glomerata</i> syn. <i>S. cucullata</i> syn. <i>S. commercialis</i>	(Gould, 1850) Sydney rock oyster; rock oyster; commercial oyster	Sheltered rocky shores and mangroves; mid-intertidal; to 100mm
Pteriidae	<i>Pinctada albina sugillata</i>	(Reeve, 1857) pearl oyster	Attached to rocks and corals to 22m; to 110mm
Tellinidae	<i>Tellina</i> sp.		Littoral sand
Tellinidae	<i>Tellina (Cyclotellina) remies</i>	(Linnaeus, 1758)	Littoral sand; to 70mm
Trapeziidae	<i>Trapezium (Neotrapezium) sublaevigatum</i>	(Lamarck, 1819)	Littoral shell debris, coral crevices or in oyster clumps; 3-10m; to 65mm
Ungulinidae	<i>Felaniella (Zemysia) subglobosa</i> syn. <i>F. subglobosa</i>	(E.A. Smith, 1885)	Coral/mud to 13m; to 4.5mm
Veneridae	<i>Antigona chemnitzii</i>	(Hanley, 1844)	Littoral sand; to 100mm
Veneridae	<i>Dosinia tumida</i>	(Gray, 1838)	Littoral sand; to 58mm
Veneridae	<i>Gafrarium australe</i>	(Sowerby, 1850)	Intertidal, muddy sand; to 25mm
Veneridae	<i>Irus</i> sp.		Intertidal and subtidal sandy/rocky areas
Veneridae	<i>Placamen</i> sp.		Littoral sand
Veneridae	<i>Venerid</i> sp.		Littoral sand
MARINE GASTROPODA			
Batillariidae	<i>Pyrazus ebininus</i>	(Bruguère, 1792) hercules club whelk	Mudflats/mangrove swamps; to 110mm
Batillariidae	<i>Velacumantus australis</i> syn. <i>Batillaria australis</i>	(Quoy & Gaimard, 1834) Australian mud whelk; mud creeper	Sandy estuarine substrates among algae/seagrass/mangroves; to 35mm
Cerithiidae	<i>Cerithid</i> sp.		Sandy intertidal/shallow subtidal
Cerithiidae	<i>Cerithium</i> sp.	creeper	Intertidal/shallow subtidal in sandy areas
Cerithiidae	<i>Clypeomoros bifasciata</i>	(Sowerby, 1855)	Intertidal/shallow subtidal in sandy areas
Colubrariidae	<i>Colubraria maculosa</i>	(Gmelin, 1791) giant false triton	to 90mm
Columbellidae	<i>Zafra avicennia</i>	(Hedley, 1914)	On rocks or sand in shallow water; to 5mm
Conidae	<i>Conus</i> sp.		In sand in shallow water
Costellariidae	<i>Vexillum</i> sp.		Intertidal/subtidal sand/rock/coral

continued over

Appendix 5: continued

FAMILY	SPECIES	COMMON NAME/S	PREFERRED ENVIRONMENT/SIZE
Cypraeidae	<i>Cypraea</i> sp.	cowrie	Muddy rocks inshore
Ellobiidae	<i>Ophicardelus sulcatus</i>	(H. & A. Adams, 1855)	Intertidal and above high tide mark on rocks in mudflat areas/mangrove swamps
Epitoniidae	<i>Epitonium</i> sp.		Among rocks on coral; subtidal in sand
Fascioliariidae	<i>Fascioliariid</i> sp.		In sand or coral
Fascioliariidae	<i>Latirus</i> sp.		Intertidal/subtidal sand to coral
Fissurellidae	<i>Diodora ticaonica</i>	(L.A. Reeve, 1850)	Intertidal/shallow subtidal on rocks; to 22mm
Lottiidae	<i>Acmaeid</i> sp.		On rocks in intertidal zone
Littorinidae	<i>Bembicium nanum</i>	(Lamarck, 1822) periwinkle	Intertidal, rocky reefs; to 12mm
Littorinidae	<i>Littoraria</i> sp.	periwinkle	On rocks or mangroves in intertidal zone
Mitridae	<i>Mitra</i> sp.		Subtidal in sand or mud
Muricidae	<i>Bedevea paivae</i> syn. <i>B. hanleyi</i>	(Crosse, 1864) oyster drill	Muddy habitats in lower intertidal/shallow subtidal zone; to 20mm
Muricidae	<i>Morula marginalba</i>	(Blainville, 1832) mulberry whelk	Intertidal and subtidal on rocky shores/rocky reefs often on oyster beds; to 30mm
Nassariidae	<i>Nassarius burchardi</i>	(Dunker in Philippi, 1849) dog whelk	Intertidal sand and mudflats; to 12mm
Nassariidae	<i>Nassarius pauperus</i>	(Gould, 1850)	Intertidal/shallow subtidal, sand flats; to 14mm
Naticidae	<i>Natica</i> sp.		In sand or mud
Neritidae	<i>Nerita balteata</i> syn. <i>N. lineata</i>	(Reeve, 1855) common nerite	On and in logs; on prop roots and on lower trunks of mangroves; to 40mm
Neritidae	<i>Nerita squamulata</i>	(Guillou, Le, 1841) variable nerite	Rock platforms; intertidal zone; to 35mm
Planaxidae	<i>Planaxis sulcatus</i>	(Born, I. von, 1778)	Intertidal on rocks; 18-35mm
Potamididae	<i>Telescopium telescopium</i>	(Linnaeus, 1758) telescope mud whelk	Mudflats/mangrove swamps; to 110mm
Skeneidae	<i>Pseudoliotia</i> sp.		Under rocks intertidal/shallow subtidal zones
Triphoridae	<i>Metaxia</i> sp.		Shallow to deep water, in sponges
Triphoridae	<i>Subulphora</i> sp.		
Trochidae	<i>Herpetopoma atrata</i> syn. <i>Echelus atratus</i> syn. <i>Euchelus atratus</i>	(Gmelin, 1791) beaded top shell	Intertidal rocky reefs; 15-20mm
Trochidae	<i>Thalotia</i> sp.		Intertidal, rocky reefs/shores
TERRESTRIAL GASTROPODA			
Camaenidae	<i>Figuladra</i> sp.		Coastal vine thicket
Camaenidae	<i>Trachiopsis mucosa</i>		
Pupillidae	<i>Pupoides pacificus</i>		Coastal vine thicket
Subulinidae	<i>Eremopeas tuckeri</i>	(Pfeiffer, 1846)	Coastal vine thicket in leaf litter
FRESHWATER BIVALVIA			
Corbiculidae	<i>Corbicula (Corbiculina) australis</i>	(Deshayes, 1830)	Coastal rivers and streams; to 20mm
Mutelidae	<i>Velesunio ambiguus</i>	(Philippi, 1847)	
Mutelidae	<i>Alathyria pertexta</i>	(Iredale, 1934)	

\* Details after Coleman 1981; Lamprell and Healy 1998; Lamprell and Whitehead 1992; Wilson and Gillet 1979.