**Appendix B Macro-invertebrate species**

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| **Scientific name** | **Common name or type of species** | **Historical circa 1984** | **Present circa 2007** |
| Octopus | Octopus | Y |  |
| *Acetes sibogae australis* | swarming shrimp |  | Y |
| *Alpheus edwardsi* | pistol shrimp | Y | Y |
| *Alvania* sp. | sea snails | Y |  |
| *Ambuscintilla praemium* | Bivalve | Y |  |
| *Anadara trapezia* | ark cockle | Y |  |
| *Anomiidae* | jingle shell | Y |  |
| *Aplysia parvula* | sea slug | Y |  |
| *Assiminea relata* | Gastropod | Y |  |
| *Australoplax tridentata* | tuxedo crab | Y |  |
| *Austrocochlea constricta* | ribbed top shell | Y |  |
| *Balanus amphitrite* | striped barnacle | Y |  |
| *Bedeva paivae* | Gastropod | Y |  |
| *Bembicum auratum* | grazing snail | Y |  |
| *Cacozeliana lacertina* | Caenogastropod | Y |  |
| *Callianassidae* | ghost shrimp | Y |  |
| *Caridina type 1* | Algae-eating shrimp |  | Y |
| *Chiazacmea jacksoniensis* |  | Y |  |
| *Cingulina spina* | Gastropod | Y |  |
| *Diogenes* sp. | hermit crabs | Y |  |
| *Eliminius modestus* | Crustacean | Y |  |
| *Eumarcia fumigata* | smoked venerid | Y |  |
| *Glauconomya plankta* | Cockle | Y |  |
| *Halicarcinus ovatus* | oval spider crab | Y |  |
| *Halicarcinus* sp. | spider crab | Y |  |
| *Heloecius cordiformis* | semaphore crab | Y | Y |
| *Helograpsus haswellianus* | grapsid crab | Y | Y |
| *Hemigrapsus* sp. | crab species | Y |  |
| *Hippolytidae* | Shrimp |  | Y |
| *Idiosepius notoides* | southern pygmy squid | Y | Y |
| *Ilyoplax paludicola* | ocypodid shore crab | Y |  |
| *Laternula creccina* | lantern clam | Y |  |
| *Latreutes pygmaeus* | hump-backed shrimp | Y | Y |
| *Latreutes* sp. | Shrimp | Y |  |
| *Littorina scabra* | scratched littoraria | Y |  |
| *Littorina* sp. |  | Y |  |
| *Macrobrachium intermedium* | grass shrimp | Y | Y |
| *Macrophthalmus setosus* | ghost or fiddler crab | Y |  |
| *Macrophthalmus* sp. (juv.) |  | Y |  |
| *Matuta planipes* | two-spined burrowing sand crab |  | Y |
| *Melosidula zonata* | Gastropod | Y |  |
| *Metapenaeus macleayi* | school prawn | Y | Y |
| *Mictyris longicarpus* | soldier crab | Y |  |
| *Mytilus edulis* | blue mussel | Y |  |
| *Nassarius burchardi* | dog whelk | Y |  |
| *Nassarius jonasii* | dog whelk | Y |  |
| *Nerita atramentosa* | black nerite | Y |  |

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| --- | --- | --- | --- |
| *Neritina oualaniensis* | Nerite | Y |  |
| *Notospisula parva producta* | Bivalve | Y |  |
| *Notospisula trigonella* | clam | Y |  |
| *Okenia plana* | gastropod | Y |  |
| *Onchidium damelli* | air breathing sea slug | Y |  |
| *Ophicardelus ornatus* | air breathing snail | Y |  |
| *Ophicardelus quoyi* | air breathing snail | Y |  |
| *Ophicardelus sulcatus* | air breathing snail | Y |  |
| *Ovalipes australiensis* | sand crab; surf crab |  | Y |
| *Palaemon debilis* | estuarine shrimp |  | Y |
| *Paragrapsus laevis* | mottled shore crab | Y | Y |
| *Penaeus esculentus* | tiger prawn | Y |  |
| *Penaeus plebejus* | king prawn | Y | Y |
| *Petalifera* sp. | sea slug | Y |  |
| *Pilumnopaeus serratifrons* | mud crab | Y |  |
| *Polinices sordidus* | sordid sand snail | Y |  |
| *Portunus pelagicus* | blue swimmer crab | Y | Y |
| *Prothalotia comtessei* | Comtesse’s top shell | Y |  |
| *Pseudoliotia micans* | gastropod | Y |  |
| *Pyramidellidae* sp. A | pyramid shells, parasitic sea snails | Y |  |
| *Pyramidellidae* sp. B | pyramid shells, parasitic sea  snails | Y |  |
| *Pyrazus ebeninus* | Hercules club whelk | Y |  |
| *Saccostrea cucullata* | common milky oyster | Y |  |
| *Salinator fragilis* | air breathing snail | Y |  |
| *Salinator solida* | air breathing snail | Y | Y |
| *Scylla serrata* | mudcrab | Y |  |
| *Semelidae* | bivalve | Y |  |
| *Sepiidae* spp. | cuttlefish | Y | Y |
| *Sepioloidea* sp. | squid species | Y | Y |
| *Sesarma erythrodactyla* | red-fingered marsh crab | Y | Y |
| *Sphaeroma quoyana* | crustacean | Y |  |
| *Tatea rufilabris* | hydrobiid snail | Y |  |
| *Tellina deltoidalis* | sunset shell | Y |  |
| *Teredo* sp. | burrowing bivalve | Y |  |
| *Thalamita sima* | four-lobed swimmer crab | Y | Y |
| *Trichomya hirsuta* | hairy mussel | Y |  |
| *Velacumantis australis* | Australian mud whelk | Y |  |
| *Wallucina assimilis* | Cockle | Y |  |
| *Xenostrobus securis* | Pygmy mussel | Y |  |

Source: ALS (1977); SPCC (1981a); Bell et al. (1984); Roach (2000); Williams (2000); Williams et al. (2004); Mazumder et al. (2005, 2006a, 2006b); Saintilan et al. (2007)