

#### Appendix 4 - Species list: Marine Invertebrates

Marine invertebrate species recorded in the Garden Route National Park. Sources: Bustamante (1994), Hanekom (unpubl. data), Morant & Bickerton (1983), Tietz & Robinson (1974), Samaai *et al.* (2009), Walmsley *et al.* (2012).

Scientific Name	Common Name
PORIFERA	
<i>Cliona? Sp</i>	Boring sponge
<i>Chondrosia?sp</i>	Sponge
<i>Geodia littoralis ?</i>	Sponge
<i>Haliclona stilensis</i>	Encrusting turret sponge
<i>Haliclona sp.</i>	Encrusting turret sponge
<i>Hymeniacedon perlevis</i>	Crumb-of-bread sponge
<i>Strongylodesma tsitsikammaensis</i>	Sponge
<i>Tsitsikamma favus / pedunculata</i>	Sponge
CNIDARIA: HYDROZOA	
<i>Kirchenpaueria pinnata</i>	Plumed hydroid
<i>Lyptocarpia formosa</i>	Rusty feather-hydroid
<i>Macrorhynchia filamentosa</i>	Smoky feather-hydroid
<i>Physalia physalis</i>	Blue bottle
<i>Sertularella arbuscula</i>	Planar hydroid
<i>Symplectoscyphus sp</i>	Planar hydroid
CNIDARIA: ANTHOZOA: ACTINIARIA	
<i>Actinia mandelae</i>	Plum anemone
<i>Anthopleura michaelsoni</i>	Long-tentacled anemone
<i>Anthostella stephensoni</i>	Violet-spotted anemone
<i>Anthothoe chilensis</i>	Striped anemone
<i>Aulactinia reynaudi</i>	Sand anemone
<i>Bunodosoma capensis</i>	Knobbly anemone
<i>Corynactis annulata</i>	Strawberry anemone
<i>Pseudactinia flagellifera</i>	False plum anemone
<i>Pseudactinia varia</i>	False plum anemone
CNIDARIA: ANTHOZOA: ALCYONACEA	
<i>Acabaria rubra</i>	Multicoloured sea fan
<i>Alcyonium fauri</i>	Purple soft coral
<i>Capnella susanne ?</i>	Soft coral
<i>Drifa thyrsoides</i>	Cauliflower soft coral
<i>Eunicella albicans</i>	Flagellar sea fan
<i>Eunicella papillosa</i>	Nipped sea fan
<i>Leptogorgia palma</i>	Palmate sea fan
<i>Allopora nobolis</i>	Noble coral
<i>Balanophyllia bonaepsei</i>	Cup coral
PLATYHELMINTHES	
<i>Notoplana patellarum</i>	Limpet flatworm
<i>Planocera gilchristi</i>	Tentacled flatworm
<i>Thysanozoon sp.</i>	Carpet flatworm
NEMERTEA	
<i>Lineus lacticapitatus</i>	Collared ribbon worm
SIPUNCULIDA	
<i>Golfingia capensis</i>	Common peanut worm
<i>Phascolosoma sp</i>	Peanut worm

ANNELIDA: POLYCHAETA

<i>Arabella iricolor</i>	Iridescent worm
<i>Dodecaceria pulchra</i>	Black boring worm
<i>Euclymene</i> sp.	Bamboo worm
<i>Eunice aphroditois</i>	Wonder-worm
<i>Euphrosine capensis</i>	Plump bristle-worm
<i>Flabelligera affinis</i>	Flabby bristle-worm
<i>Gunnarea capensis</i>	Cape reef-worm
<i>Lepidonotus semitectus</i>	Common scaleworm
<i>Lumbrineris coccinea</i>	False earthworm
<i>Lysidice natalensis</i>	Three-antennae worm
<i>Marphysa depressa</i>	Wonder worm
<i>Platynereis dumerilli</i>	Comb-toothed nereid
<i>Pomatoleios krausii</i>	Blue coral worm
<i>Pseudonereis variegata</i>	Mussel worm
<i>Pseudobranchiomma longa</i>	Giant fanworm
<i>Serpula vermicularis</i>	Operculate fanworm
<i>Spirorbis</i>	Spiral worm
<i>Terebella pterochaeta</i>	Tangleworm
<i>Timarete capensis</i>	Orange thread-gilled worm
<i>Chaetopterus varieopedatus</i>	Chaetopterus

ARTHROPODA: PYCNOGONIDA

<i>Nymphon signatum</i>	Scarlet sea spider
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ARTHROPODA: ARACHINIDA

<i>Desis formidabilis</i>	Formidable shore spider
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CRUSTACEA: CIRRIPIEDIA

<i>Austromegabalanus cylindricus</i>	Giant barnacle
<i>Chthamalus dentatus</i>	Toothed barnacle
<i>Notomegabalanus algicola</i>	White dwarf barnacle
<i>Octomeris angulosa</i>	Eight-shell barnacle
<i>Tetraclita serrata</i>	Volcano barnacle
<i>Amphibalanus venustus</i>	Striped barnacle

CRUSTACEA: AMPHIPODA

<i>Ampithoe falsa</i>	Amphipod
<i>Hyale grandicornis</i>	Seaweed amphipod
<i>Lysianassa</i> spp	Compact amphipod

CRUSTACEA: ISOPODS

<i>Cirolana venusticauda</i>	Crimped cirolanid
<i>Dynamenella australis</i>	Roll-tailed isopod
<i>Dynamenella dioxus</i>	Roll-tailed isopod
<i>Dynamenella huttoni</i>	Roll-tailed isopod
<i>Dynamenella scabricula</i>	Roll-tailed isopod
<i>Glyptidotea lichtensteini</i>	Keeled isopod
<i>Parisocladus stimpsoni</i>	Spike-back isopod
<i>Ligia natalensis</i>	Sea-slater
<i>Cymodoce</i> sp.	Hump-tailed isopod

CRUSTACEA: MACRURA

<i>Palaemon peringueyi</i>	Sand shrimp
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CRUSTACEA: ANOMURA

<i>Alpheus lobidens</i>	Cracker shrimp
<i>Callichirus kraussi</i>	Common sandprawn
<i>Diogenes brevirostris</i>	Common sand hermit
<i>Upogebia africana</i>	Estuarine mudprawn

<i>Paguristes gamianus</i>	Pink hermit
CRUSTACEA: BRACHYURA	
<i>Cyclograpsus punctatus</i>	Shore crab
<i>Dehaanius dentatus</i>	Toothed decorator crab
<i>Hymenosoma orbiculare</i>	Crown crab
<i>Ovalipes trimaculatus</i>	Three-spot swimming crab
<i>Plagusia chabrus</i>	Cape rock crab
<i>Parasesarma catenata</i>	Marsh crab
<i>Pinnotheres dofleini</i>	Pea crab
<i>Spiroplax spiralis</i>	Three-legged crab
BRYOZOA	
<i>Gigantopora polymorpha</i>	Staghorn false-coral
<i>Bugula avicularia</i>	Dentate moss animal
<i>Turbicellepora cylindriformis</i>	Cylindrical false-coral
<i>Celleporaria capensis</i>	Spiny false-coral
<i>Chaperia</i> sp.	Scrolled false-coral
<i>Laminopora jellyae</i>	Pore-plated false-coral
<i>Menipea crispa</i>	Spiral moss animal
<i>Menipea triseriata</i>	Spiral moss animal
<i>Schizoretepora tessellata</i>	Lacy false coral
BRACHIOPODA	
<i>Kraussina rubra</i>	Ruby lamp shell
MOLLUSCA: POLYPLACOPHORA	
<i>Acanthochiton garnoti</i>	Spiny chiton
<i>Callochiton dentatus</i>	Broad chiton
<i>Chiton nigrovirescens</i>	Brooding chiton
<i>Chiton tulipa</i>	Tulip chiton
<i>Dinoplax gigas</i>	Giant chiton
<i>Ischnochiton spp</i>	Chiton
MOLLUSCA: BIVALVIA	
<i>Barbatia obliquata</i>	Oblique ark shell
<i>Carditella variegata</i>	Rectangular false cockle
<i>Donax serra</i>	White mussel
<i>Gregariella petagnae</i>	Half-hairy mussel
<i>Lasaea adansoni turtoni</i>	Dwarf rusty clam
<i>Lanistina cuneata?</i>	
<i>Mytilus galloprovincialis</i>	Mediterranean mussel
<i>Ostrea atherstonei</i>	Weed oyster
<i>Perna perna</i>	Brown mussel
<i>Pinctata capensis</i>	Cape pearl oyster
<i>Striostrea margaritacea</i>	Cape rock oyster
<i>Thecalia concamerata</i>	Dead man's hand
<i>Venerupis corrugatus</i>	Corrugated venus
MOLLUSCA: GASTROPODA: PROSOBRANCHIA	
<i>Argobuccinum pustulosum</i>	Pustular triton
<i>Afrocominella elongata</i>	Elongate whelk
<i>Afrolittorina knysnaensis</i>	Southern periwinkle
<i>Bullia rhodostoma</i>	Smooth plough shell
<i>Burnupena cincta</i>	Ridged burnupena
<i>Burnupena lagenaria</i>	Variable burnupena
<i>Burnupena pubescens ?</i>	Pubescent burnupena
<i>Calliostoma ornatum</i>	Ornate topshell
<i>Clionella rosaria</i>	Ribbed turrid
<i>Clionella sinuata</i>	Ribbed turrid

*Crepidula porcellana*  
*Cymbula granatina*  
*Cymbula miniata*  
*Cymbula oculus*  
*Dentalium strigatum ?*  
*Dendrofissurella scutellum*  
*Fissurella mutabilis*  
*Gibbula cicer*  
*Pupillaea aperta*  
*Haliotis midae*  
*Haliotis spadicea*  
*Heliccion pectunculus*  
*Heliccion pruinusosus*  
*Natica tecta (genuana)*  
*Janthina janthina*  
*Nucella dubia*  
*Nucella squamosa*  
*Oxysteles variegata*  
*Oxysteles imperva*  
*Oxysteles sinensis*  
*Oxysteles tigrina*  
*Scutellastra argenvillei*  
*Scutellastra barbara*  
*Scutellastra cochlear*  
*Scutellastra granularis*  
*Scutellastra longicosta*  
*Scutellastra tabularis*  
*Serpulorbis natalensis*  
*Siphonaria serrata*  
*Siphonaria capensis*  
*Siphonaria concinnia*  
*Tellimyia trigonia*  
*Trimusculus costatus*  
*Tricolia kochii*  
*Tricolia neritina*  
*Thais capensis*  
*Turbo cidaris*  
*Turbo sarmaticus*

Slipper-limpet  
Granite limpet  
Pink-rayed limpet  
Goat's eye limpet  
Tusk shell  
Saddled keyhole-limpet  
Cape keyhole-limpet  
Topshell  
Mantled keyhole-limpet  
Abalone  
Venus ear  
Prickly limpet  
Broad rayed-limpet  
Mottled necklace-shell  
Bubble-raft shell  
Common dogwhelk  
Scaly dogwhelk  
Variegated topshell  
Beaded topshell  
Pink-lipped topshell  
Tiger topshell  
Argenville's limpet  
Bearded limpet  
Pear limpet  
Granular limpet  
Long-spined limpet  
Giant limpet  
Solitary worm-shell  
Serrate false-limpet  
Cape false-limpet  
Ribbed false-limpet  
Dwarf triangular clam  
  
Pheasant shell  
Pheasant shell  
Knobbly dogwhelk  
Ridged turban shells  
Alikreukel

MOLLUSCA: GASTROPODA: OPISTHOBANCHIA

*Berthellina granulata*  
*Bursatella leachi*  
*Dendodoris caesia*  
*Glaucus atlanticus*  
*Haminoea alfredensis*  
*Polycera capensis*

Lemon pleurobranch  
Shaggy sea hare  
Blue speckled dorid  
Sea swallow  
Green bubble shell  
Crowned nudibranch

MOLLUSCA: CEPHALOPODA

*Argonauta argo*  
*Octopus vulgaris*  
*Loligo reynaudi*

Paper nautilus  
Common octopus  
Chokka squid

ECHINODERMATA: ASTEROIDEA

*Austrofromia schultzei*  
*Callopatiria granifera*  
*Henricia ornata*  
*Marthasterias glacialis*  
*Parvulastra exigua*

Granular starfish  
Red starfish  
Reticulated starfish  
Spiny starfish  
Dwarf cushion-star

ECHINODERMATA: OPHUROIDEA

<i>Astrocladus euryale</i>	Basket star
<i>Ophiarachnella capensis</i>	Banded brittlestar
<i>Ophiothrix fragilis</i>	Hairy brittlestar
ECHINODERMATA: ECHINOIDEA	
<i>Parechinus angulosus</i>	Parechinus angulosus
ECHINODERMATA: CRINOIDEA	
<i>Comanthus wahlbergi</i>	Common feather-star
<i>Tropiometra carinata</i>	Elegant feather-star
ECHINOD : HOLOTHUIROIDEA	
<i>Roweia stephensoni?</i>	Stephenson's sea cucumber
<i>Pentacta doliolum</i>	Cask sea cucumber
<i>Pseudocnella sykion</i>	Black sea cucumber
HEMICHORDATA	
<i>Balanoglossus capensis</i>	Cape acorn worm
CHORDATA: UROCHORDATA: ASCIDIACEA	
<i>Botryllus magnicoecus ?</i>	White-ringed ascidian
<i>Mogula sp.</i>	
<i>Pyura stolonifera</i>	Redbait
<i>Gynandrocarpa placenta</i>	Elephant's ears
<i>Didemnum sp Ascidian</i>	