



# Field Guide

## Marine Animals of the Intertidal zone

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### Sea shells

Sea shells or Shelled gastropods are very common and abundant group of animals. The animal is protected by shell. There variety of sea shells which are further categorized into various groups based on their morphology and internal anatomy.



**Radiate limpet**

*Cellana radiata*  
रेडिएट लिंपेट



**Periwinkle**

*Echinolittorina leucostica*  
पेरीव्हींकल



**Periwinkle**

*Echinolittorina malaccana*  
पेरीव्हींकल



**Nerite snail**

*Nerita sp.*  
नेरिटा स्नेल



**Frog shell**

*Bursa granularis*  
फ्रॉग शेल



**Rock shell**

*Mancinella alouina*  
रॉक शेल



**Indian Tibia**

*Tibia curta*  
इंडियन टीबीआ



**Olive snail**

*Agaronia gibbosa*  
ऑलिक्व स्नेल



**Mud creeper**

*Telescopium telescopium*  
मड क्रीपर



**Scabra periwinkle**

*Littoraria scabra*  
स्काब्रा पेरीव्हींकल



**Pirenella Horn snail**

*Pirenella cingulata*  
पायरेनेला हॉर्न स्नेल



**Nassa mud snail**

*Nassarius sp.*  
नासा मड स्नेल

## Sea slugs

Sea slugs are gastropods or sea snails that over evolutionary time, have either completely lost their shells or it's reduced.



**Cratena**

*Cratena sp.*

क्रॅटेना स्लग



**Bubble shell**

*Haloo sp.*

बबल शेल



**Okenia**

*Okenia sp.*

ओकेनिया स्लग



**Bombay sea slug**

*Goniobranchus bombayanus*

बॉम्बे स्लग

## Hermit crab

Hermit crabs have soft, spirally curved abdomen. They use shells of sea snails and clasp strongly onto the columella (internal part of the shell). As they grow, they change their shell and look for a bigger shell.

## Porcelain crab

Porcelain crabs are not true crabs as they have flattened and delicate bodies.



**Hermit crab**

*Clibanarius sp.*

हर्मिट क्रॅब



**Hermit crab**

*Calcinus sp.*

हर्मिट क्रॅब



**Porcelain crab**

*Petrolisthes boscii*

पोरसीलेन क्रॅब

## True crabs

True crabs are generally covered with hard exoskeleton and have a single pair of pincers/claws.



**Mud crab/ Mangrove crab**

*Scylla sp.*

मड क्रॅब/मॅन्ग्रोव्ह क्रॅब



**Three spotted swimmer crab**

*Portunus sanguinolentus*

थ्री स्पॉटेड स्विमर क्रॅब



**Swimmer crab**

*Thalamita sp.*

स्विमिंग क्रॅब

## Sea anemones

Sea anemones are named after Anemone - a terrestrial flowering plant. Sea anemone has a mouth surrounded by tentacles.



**Sea Anemone**

*paracondylactis sinensis*  
सी अनेमोने



**Sea Anemone**

*Anthopleura dixoniana*  
सी अनेमोने



**Anjuna Anemone**

*Anthopleura anjunae*  
अंजुना अनेमोने

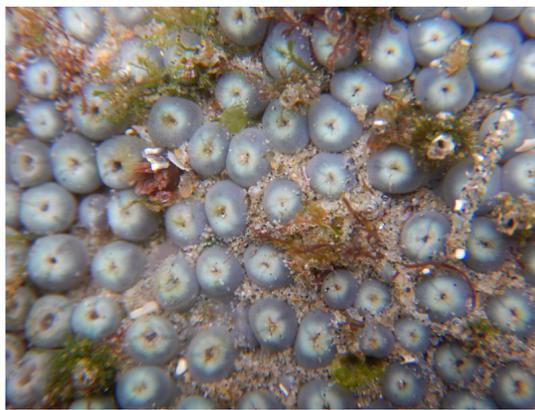
## Zoanthids

Zoanthids are colonial animals under Hexacorallia which explains that organisms formed of polyps with six fold symmetry.



**Zoanthid**

*Zoanthus sansibaricus*  
झूअँथीड



**Zoanthid**

*Zoanthus sansibaricus* (closed polyps)  
झूअँथीड



**Green button polyp**

*Palythoa mutuki*  
ग्रीन बटण पॉलीप

## Hard Corals

Unlike other relatives (Cnidarians) they secrete calcium carbonate to form a hard skeleton.



**Cup coral**

*Cladangia exusta*  
कप कोरल



**Flowerpot coral**

*Goniopora sp.*  
फ्लॉवरपॉट कोरल



**False pillow coral**

*Pseudosideratrea tayami*  
फॉल्स पिल्लोव कोरल

## Sponges

Sponges are the organisms that have bodies full of pores and channels allowing water to flow through them.

