

# Family: Anemone

Click on the species image to view its page.  
Note: This list is not exhaustive.

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Burgundy Anemone

© Zhang Wei Qing



Snaky Anemone

© Jonathan Tan



Striped Sand Anemone

© Cheo Pei Rong



Striped Bead Anemone

© Gwendolyn Chow



Whelk-hitching Anemone

© Chiew Geok Jeng



Swimming Anemone

© Dayna Cheah



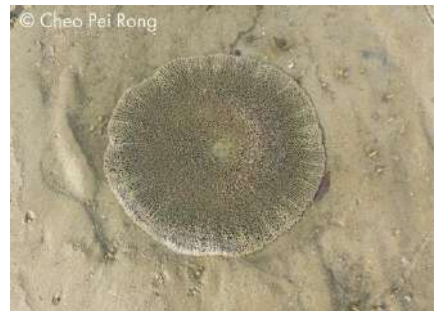
Common Peachia Anemone

© Jonathan Tan



Giant Carpet Anemone

© Cheo Pei Rong



Haddon's Carpet Anemone

© Cheo Pei Rong



Mini Carpet Anemone

© Jonathan Tan



Lined Bead Anemone

## Family: Brittle Star

Click on the species image to view its page.  
Note: This list is not exhaustive.



Very Long-armed Brittle Star



Tiny Colorful Brittle Star

## Family: Butterflyfish



Copperband Butterflyfish



Kite Butterflyfish



Batavia Batfish



Bengal Sergeant

## Family: Button



Clear Sundial Snail



Button Snail

## Family: Cerianthid

Click on the species image to view its page.  
Note: This list is not exhaustive.



Cerianthid Phoronid Worm

## Family: Clam



Fluted Giant Clam



Pacific Yellow Cockle



Common File Clam



Big Brown Mactra Clam



Lettered Venus Clam

## Family: Coral



Zebra Coral

## Family: Conch

Click on the species image to view its page.  
Note: This list is not exhaustive.



Black-lipped Conch



Gong-gong



Spiral Melongena



Margined Conch

## Family: Creeper



Zoned Cerith



Obelisk Creeper Snail



Javan Turrid Snail

# Family: Crab

Click on the species image to view its page.  
Note: This list is not exhaustive.



Red-eyed Reef Crab



Velcro Crab



Spotted Moon Crab



Stone/Thunder Crab



Maroon Stone Crab



Horn-eyed Ghost Crab



Orange Fiddler Crab



Spotted-belly Forceps Crab



Painted Porcelain Crab



Purple-legged Swimming Crab



Flower Crab



Blue Swimming Crab

## Family: Crab (Continued)

Click on the species image to view its page.  
Note: This list is not exhaustive.



Blue-spined Swimming Crab



Red Swimming Crab



Mangrove Tree-dwelling Crab



Smooth Spooner Crab



Leaf Porter Crab



Soldier Crab



Common Hairy Crab

## Family: Feather Star



Red Feather Star

## Family: Cuttlefish

Click on the species image to view its page.  
Note: This list is not exhaustive.



Glittering Cuttlefish

## Family: Eel



Estuarine Moray Eel



Carpet Eel-blenny

## Family: Feather



Delicate Feathery Green Seaweed



Taxifolia Feathery Green Seaweed

# Family: Dangerous

Click on the species image to view its page.  
Note: This list is not exhaustive.



Red Egg Crab



Mosaic Reef Crab



Fire Anemone



Three-spined Toadfish



Longspined Waspfish



Hollow-cheeked Stonefish



Black Eeltail Catfish



Cone Snail



Reef Bristleworm



Golden Fireworm

# Family: Fish

Click on the species image to view its page.  
Note: This list is not exhaustive.



Tropical Silverside



Diamond Tuskfish



Gold-spotted Mudskipper



Brown Shore Goby



Head Stripe Lagoon Goby



Ornate Lagoon Goby



Peacock Sole



Commerson's Sole



Seagrass Filefish



Black-spot Tuskfish

## Family: Hermit Crab

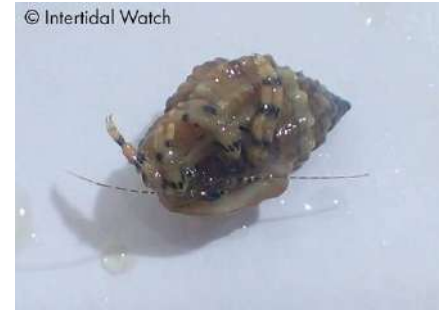
Click on the species image to view its page.  
Note: This list is not exhaustive.



Orange-striped Hermit Crab



Blue-striped Hermit Crab



Banded Hermit Crab

## Family: Horseshoe Crab



Mangrove Horseshoe Crab



Coastal Horseshoe Crab

## Family: Limpet



Flat False Limpet



Star Limpet

## Family: Ribbon

Click on the species image to view its page.  
Note: This list is not exhaustive.

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Tape Seagrass



Fern Seagrass

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Sickle Seagrass

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Sea Lettuce

## Family: Sand Dollar

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Cake Sand Dollar

## Family: Scallop



Singapore Scallop

# Family: Sea Cucumber

Click on the species image to view its page.  
Note: This list is not exhaustive.



White-rumped Sea Cucumber



Beige Sea Cucumber



Black Long Sea Cucumber



Remarkable Sea Cucumber



Sandfish Sea Cucumber



See-through Sea Cucumber



Sea Apple Sea Cucumber



Pink Warty Sea Cucumber



Thorny Sea Cucumber



Orange Sea Cucumber



Plasticky Sea Cucumber



Durian Sea Cucumber

## Family: Sea Fan

Click on the species image to view its page.  
Note: This list is not exhaustive.

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Asparagus Sea Fan

© Jonathan Tan



Gnarled sea fan

## Family: Sea Urchin

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White Salmacis Urchin

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Passion Salmacis Urchin

© Jonathan Tan



Black Sea Urchin

© Jonathan Tan



Long-spined Black Sea Urchin

## Family: Sea Pen

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Spiky Sea Pen

## Family: Sea Star

Click on the species image to view its page.  
Note: This list is not exhaustive.



Plain Sand Star



Painted Sand Star



Eight-armed Luidia Sea Star



Common Sea Star



Cake Sea Star



Biscuit Sea Star



Spiny Sea Star



Knobbly Sea Star

## Family: Seahorse



Estuarine Seahorse

## Family: Shrimp

Click on the species image to view its page.  
Note: This list is not exhaustive.



Peacock-tail Anemone Shrimp

# Family: Slug

Click on the species image to view its page.  
Note: This list is not exhaustive.



Extraordinary Sea Hare



Geographic Sea Hare



Spotted Sea Hare



Hairy Sea Hare



Jolly Green Giant Nudibranch



Polka-dot Nudibranch



Pimplly Phyllid Nudibranch



Starry-mouthed Nudibranch



Moon-headed Sidegill Slug



Ornate Leaf Slug

# Family: Snail

Click on the species image to view its page.  
Note: This list is not exhaustive.



Dubious Nerite Snail



Scaly Nerite Snail



Waved Nerite Snail



Lined Nerite Snail



Flat Slipper Snail



Conical Slipper Snail



Grey Bonnet Snail



Miliaris Cowrie



Ovum Cowrie



Fig Snail



Knobbly Periwinkle Snail



Ball Moon Snail

# Family: Snail (Continued)

Click on the species image to view its page.  
Note: This list is not exhaustive.



Spotted Moon Snail



Tiger Moon Snail



Eggwhite Moon Snail



Oval Moon Snail



Lined Moon Snail



Common Triton Snail



Spiral Babylonia Snail



Waved Mitre Snail



Creno Whelk



Prickly Whelk



Mud Whelk



Common Whelk

## Family: Snail (Continued)

Click on the species image to view its page.  
Note: This list is not exhaustive.



Olive Whelk



Lined Whelk



Olive Weasel Snail



Noble Volute



Baler Volute



Turtle Dove Snail



Dotted Dove Snail

## Family: Spinefish



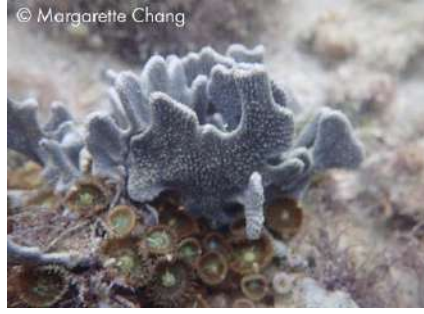
False Scorpionfish

## Family: Sponge

Click on the species image to view its page.  
Note: This list is not exhaustive.



Chocolate Sponge



Blue Spatula Sponge



Daisy Sponge



Orange Prickly Sponge



Champagne Sponge

## Family: Spoon



Spoon Seagrass



Hairy Spoon Seagrass

## Family: Top Shell



Ribbed Turban Snail



Toothed Top Shell Snail



Spotted Top Shell Snail

## Family: Watering Pot

Click on the species image to view its page.  
Note: This list is not exhaustive.

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Watering Pot Shell

## Family: Worm

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Very Long Ribbon Worm

© Jonathan Tan



Olive Flatworm

© Cheo Pei Rong



Blue-lined Flatworm

© Cheo Pei Rong



Straw Tubeworm

*Bunodosoma goanense*



**Habitat:** Hard surface

**Size:** Approximately 5 - 8 cm

Burgundy or dark red in color. Short tentacles that taper off at its ends. Some may have five yellow spots around its mouth.

## *Macrodactyla doreensis*



**Habitat:** Seagrass, Coral rubble, Coral reef

**Size:** Approximately 20 - 30 cm, up to 50 cm

Has purplish-grey, green or brown colored tentacles that are tightly curled together. Looks like udon noodles.

# Striped Sand Anemone

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*Paracondylactis hertwigi*



**Habitat:** Seagrass, Sandy beach

**Size:** Approximately 3 - 4 cm

Has parallel dark bars down and white stripes across its semi-transparent tentacles. Easily confused with the Striped Bead Anemone, but has shorter tentacles and a light-colored body column.

# Striped Bead Anemone

← INDEX

*Paracondylactis singaporensis*



**Habitat:** Crevice, Hard surface, Rocky shore

**Size:** Approximately 2 - 3 cm

Has parallel dark lines down its semi-transparent tentacles and white bars across. Easily confused with the Striped Sand Anemone, but has longer tentacles and a tan or green body column.

# Whelk-hitching Anemone

[← INDEX](#)

*Paraiptasia radiata*

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**Habitat:** Whelk shell

**Size:** Approximately 1 - 2 cm

Small body. Brown with white stripes. Attached to the shells of whelks.

# Swimming Anemone

[← INDEX](#)

*Bolocerooides mcmurrichi*



**Habitat:** Seagrass

**Size:** Approximately 5 - 8 cm

Many tentacles - something striped in red/white, or sometimes plain yellow or brown. Can swim - for about 15 seconds each time, though they do not really swim much at low tide.

## *Metapeachia tropica*



**Habitat:** Sandy beach

**Size:** Approximately 4 - 5 cm

Small anemone with 16 fat tentacles having white, pink, beige or brown chevron patterns near its mouth. Cream-colored body column.

# Giant Carpet Anemone

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*Stichodactyla gigantea*



**Habitat:** Coral rubble, Hard surface

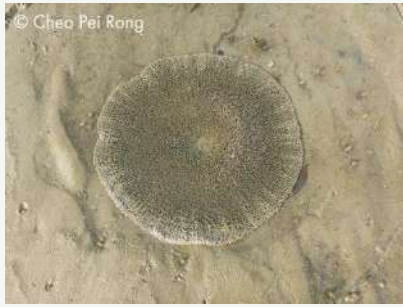
**Size:** Approximately 40 - 50 cm

Densely covered with short tentacles, resembling a carpet. Usually brown or purple in color, with tips of the tentacles in a lighter shade. Bright pink bumps sometimes seen on the underside.

# Haddon's Carpet Anemone

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*Stichodactyla haddoni*



**Habitat:** Seagass, Coral rubble, Sandy beach

**Size:** Approximately 40 - 50 cm, up to 80 cm

Has long-short tentacles with bulbous tips at the circumference of its outer disk. Generally green, blue, grey or purple in color.

# Mini Carpet Anemone

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*Stichodactyla tapetum*

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© Jonathan Tan



**Habitat:** Seagrass

**Size:** Approximately 2 - 6 cm

Small carpet anemone about the size of one's palm. Has short tentacles that can be green, brown or grey.

*Diadumene lineata*



**Habitat:** Rocky shore, Hard surface

**Size:** Approximately 0.5 cm

This tiny, grey anemone is seldom seen with its tentacles, making it look like a bead with fine white/orange/red stripes. The Lined Bead Anemone is commonly found all over the world, as it is easily dispersed by ships.

# Very Long-armed Brittle Star

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*Macrophiothrix longipeda*



**Habitat:** Coral rubble, Under stones

**Size:** Approximately 40 - 60 cm

Long arms - sometimes stretching up to 30 cm long. Small central disk that is about 1-2 cm in diameter. Flat arms have spines laterally extended. Arms may have a faint banded pattern.

## *Ophiothela danae*



**Habitat:** Soft coral, Sea fan

**Size:** Approximately About 1 cm

Comes in a variety of colors and patterns, usually mimicking that of the animal it is on. Arms have small spines along its length. Central disk is colorfully patterned.

*Chelmon rostratus*



**Habitat:** Coral reef, Coral rubble

**Size:** Approximately 4 - 8 cm, up to 20 cm

Distinct body pattern of orange/ yellow stripes with black and white edges. Has a flat body and a long snout. Characterised by a black eye spot on its dorsal fin.

# Kite Butterflyfish

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*Parachaetodon ocellatus*



**Habitat:** Sandy beach, Mangrove, Seagrass

**Size:** Approximately 4 - 8 cm, up to 18 cm

Kite-shaped. Distinct body pattern of 4 brown stripes (juvenile ones have 5) and a black eye spot on its dorsal fin. Has a flat body and a short snout.

*Platax batavianus*



**Habitat:** Seagrass, Coral reef

**Size:** Approximately 12 - 15 cm

Characterised by its flat body and small mouth. Is usually silver with a dark bar vertically down its eye. A lighter-colored bar is seen behind the dark bar.

## *Abudefduf bengalensis*



**Habitat:** Coral rubble

**Size:** Approximately 4 - 6 cm, up to 14 cm

Rounded tail fins. White or yellow body with 6-7 black or grey vertical bars across its body. The bars end right before the tail of the fish.

## *Architectonica perspectiva*



**Habitat:** Sandy beach, Mudflat, Coral reef

**Size:** Approximately 5 - 7 cm

Grey and yellowish brown with alternating bands of dark brown and white. Flat circular shell with whorls. Bottom view resembles a spiral staircase.

## *Umbonium vestiarium*



**Habitat:** Sandy beach

**Size:** Approximately 0.8 - 1 cm

**Status:** Vulnerable (2008 Singapore Red Data Book)

Identified by circular glossy shells. Can be found in a variety of colors and patterns.

*Phoronis australis*



**Habitat:** with Cerianthids (Peacock Anemone)

**Size:** Approximately 2 cm

Grey or pinkish-black in color. Possesses a pair of feathery spiraling tentacles. Extremely shy and retreat once they sense danger.

*Tridacna squamosa*



**Habitat:** Coral reef

**Size:** Approximately 15 - 30 cm

**Status:** Endangered (2008 Singapore Red Data Book)

5-6 rows of open flutes on its valves. Shell opening faces upwards. Hinged side is firmly attached to the rock surface.

*Vasticardium flavum*



**Habitat:** Seagrass, Seaweed

**Size:** Approximately 3 - 5 cm

Characterised by thick and spherical shells with vertical ribs. Yellowish shell often seen with dark stains on it.

*Lima vulgaris*



**Habitat:** Sandy beach

**Size:** Approximately 4 - 6 cm

**Status:** Vulnerable (2008 Singapore Red Data Book)

Fan-shaped thick shell. Usually white and yellow. Rough with coarse scaly ribs and long sticky tentacles.

# Big Brown Mactra Clam

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*Mactra grandis*



**Habitat:** Sandy beach, Seagrass

**Size:** Approximately 6 - 7 cm

Smooth and triangular. Usually unmarked and is buried just beneath the surface of the ground with an extended siphon sticking out.

*Tapes literatus*



**Habitat:** Sandy beach

**Size:** Approximately Up to 8 cm

Shaped like a trapezium. Smooth and thin clam is white with small black dots.

# Black-lipped Conch

← INDEX

*Canarium urceus*



**Habitat:** Seagrass

**Size:** Approximately 3 - 5 cm

**Status:** Vulnerable (2008 Singapore Red Data Book)

Narrow shell with wavy flared lips. Black edges around its shell opening. Green body with white or beige spots.

## *Strombus turturella*

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**Habitat:** Seagrass, Coral reef, Sandy beach

**Size:** Approximately 6 - 7 cm

White pearly shell with a flared lip. Body is olive green. Has a brown-orange tentacle connected to a large eye. Interestingly, the snail hops instead of creeping along surfaces.

## *Pugilina cochlidium*



**Habitat:** Mudflat, Sandy beach, Rocky shore, Seagrass, Mangrove

**Size:** Approximately 8 - 12 cm

Large shell with a black body. Shell is covered by a fine layer of hairs. Hairs only fall off after the snail dies, revealing an orange shell underneath.

# Margined Conch

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*Strombus marginatus robustus*



**Habitat:** Sandy beach, Seagrass

**Size:** Approximately 3 - 5 cm

Thick shell with wavy flared lips. Shell is usually white with brown streaks.

*Oulastrea crispata*



**Habitat:** Rocky shore

**Size:** Approximately 10 - 15 cm

A type of encrusting hard coral that thrives even in the murkiest waters. Aptly named the Zebra Coral due to its white ring on a black background.

# Red-eyed Reef Crab

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*Eriphia ferox*



**Habitat:** Rocky shore, Coral rubble

**Size:** Approximately 5 - 7 cm

**Status:** Vulnerable (2008 Singapore Red Data Book)

Oval body that is reddish to purplish brown. Bright red eyes. Moves fast.

## *Camposcia retusa*



**Habitat:** Coral rubble, Seagrass

**Size:** Approximately 3 - 6 cm

**Status:** Vulnerable (2008 Singapore Red Data Book)

Body in the shape of a tear-drop. Often disguised under bits and pieces of sponges, seagrass, coral rubble and shell.

# Spotted Moon Crab

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*Ashtoret lunaris*



**Habitat:** Sandy beach, Seagrass

**Size:** Approximately 3 - 8 cm

Circular, pale white/yellow body with little dark spots. Long spikes on its sides. Its paddle-shaped walking legs allow the crab to quickly burrow into the sand.

## *Myomenippe hardwickii*



**Habitat:** Rocky shore, Coral rubble

**Size:** Approximately 10 - 12 cm

Large pincers with brown-black tips. Bright green eyes, encircled with red. Upperside of its body is dull grey, but the underside is orange.

# Maroon Stone Crab

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*Menippe rumphii*



**Habitat:** Rocky shore, Coral rubble

**Size:** Approximately Up to 9 cm

Reddish-brown to maroon in color. Black tips on its pincers. Eyes are completely red, unlike the Stone crab which has green eyes.

# Horn-eyed Ghost Crab

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*Ocypode ceratophthalmus*



**Habitat:** Sandy beach

**Size:** Approximately 6 - 8 cm

Aptly named the Ghost Crab given its elusive nature. Can run up to 2m/s. Box-shaped body with markings shaped like a 'H'. Adults have darker colored 'horns' on top of each eyestalk.

# Orange Fiddler Crab

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*Uca vocans*



**Habitat:** Mudflat

**Size:** Approximately 2 - 3 cm

Males identified by an enlarged pincer, with the lower pincer orange or yellow but the upper pincer white. Females do not have an enlarged pincer. Body color varies from green to grey.

# Spotted-belly Forceps Crab

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*Ozius guttatus*



**Habitat:** Rocky shore, Coral reef, Coral rubble, Sea wall

**Size:** Approximately 6 - 9 cm

Enlarged pincer that has grinding teeth ('molar') like humans. Smooth red/purple brown body on the upperside, pale orange with dark spots on the underside.

## *Porcellanella triloba*



**Habitat:** Spiky Sea Pen

**Size:** Approximately <1 cm

**Status:** Vulnerable (2008 Singapore Red Data Book)

Not a true crab! Small and white with purplish polka dots on the pincers and upper body. Often found in pairs.

# Purple-legged Swimming Crab

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*Charybdis hellerii*



**Habitat:** Coral reef, Coral rubble

**Size:** Approximately 5 - 7 cm

Last pair of legs on this crab is paddle-shaped, allowing it to swim expertly. Comes in various colors, with walking legs in purple and claws in orange with black tips.

## *Portunus pelagicus*

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**Habitat:** Seagrass, Seaweed

**Size:** Approximately Up to 20 cm

Males have attractive bright colors and white spots on their body. Females are dull green/brown and have a bigger abdomen on the underside to carry eggs.

# Blue Swimming Crab

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*Thalamita danae*



**Habitat:** Coral reef, Coral rubble

**Size:** Approximately 5 - 7 cm

Padde-shaped legs on the last pair of legs allows this crab to swim expertly. Distinct rectangular, blue body. 6 rounded lobes between its widely-spaced eyes.

# Blue-spined Swimming Crab

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*Thalamita prymna*



**Habitat:** Coral reef, Coral rubble

**Size:** Approximately 5 - 7 cm

Bright blue-black tips on its pincers and 5 spines next to its eyes. 6 rounded lobes between its widely-spaced eyes.

# Red Swimming Crab

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*Thalamita spinimana*



**Habitat:** Coral reef, Coral rubble

**Size:** Approximately 5 - 7 cm

Bright orange/red in color, but sometimes brown. Has 5 spines with black tips on the side of its body. Last pair of paddle-shaped walking legs can be blue in color.

*Selatium brockii*



**Habitat:** Mangrove

**Size:** Approximately 2 - 2.5 cm

Half-circular body. Green eyes spaced widely far apart on the non-circular side of its body. Yellow body with dark brown patches.

*Etisus laevimanus*



**Habitat:** Coral reef, Coral rubble

**Size:** Approximately 8 - 10 cm

Pincers are smooth with spoon-shaped tips. Left pincer is slightly larger than the right. Usually come in a wide variety of colors - brown, beige, and grey.

## *Neodorippe callida*



**Habitat:** Seagrass, Coral reef

**Size:** Approximately 1.5 cm

Commonly found using leaves, clam shells or wood for camouflage. Has long, thin legs and small pincers which are tucked close to its body.

*Dotilla myctiroides*



**Habitat:** Sandy beach

**Size:** Approximately 1.5 cm

**Status:** Vulnerable (2008 Singapore Red Data Book)

Move around in groups at low tide. Has long eyestalks with slender and long pincers which fold downward.

# Common Hairy Crab

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*Pilumnus vespertilio*



**Habitat:** Rocky shore, Coral rubble

**Size:** Approximately 3 - 5 cm

Crab is covered with long, soft 'hair' which helps the crab to camouflage as drifting flotsam. Has distinct red eyes. Fun fact: The Common Hairy Crab is also known as the Teddy Bear Crab!

## *Cerithium zonatum*



**Habitat:** Sandy beach, Coral rubble, Coral reef

**Size:** Approximately 2 - 2.5 cm

Conical-shaped shell with a brown band spiraling down its white or beige-colored shell.

*Rhinoclavis sinensis*



**Habitat:** Coral reef, Coral rubble

**Size:** Approximately 3 - 7 cm

Conical-shaped shell. Can take on two types of spiral patterns - fine spirals with small dots or wide spirals with regular bumps. Has a sharp pointed tip.

*Turricula javana*



**Habitat:** Sandy beach, Seagrass

**Size:** Approximately 5 - 7 cm

Identified by the spirals on its shell with regular pointed bumps. Shell is pale brown or beige. Body is pale with brown spots.

# Glittering Cuttlefish

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*Sepiella inermis*



**Habitat:** Seagrass

**Size:** Approximately 5 - 8 cm

Smooth and oval. Has glittering spots on each side of its body.

# Red Egg Crab

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*Atergatis integerrimus*



**Habitat:** Coral rubble

**Size:** Approximately 8 - 10 cm

**Status:** Vulnerable (2008 Singapore Red Data Book)

Red in color with an egg-shaped body. Has obvious white dots on its body. It is poisonous! Do not eat or touch them.

*Lophozozymus pictor*



**Habitat:** Coral reef, Coral rubble

**Size:** Approximately 8 - 10 cm

**Status:** Endangered (2008 Singapore Red Data Book)

Orange/red body with striking white mosaic-like patterns. Do not touch or eat, it is poisonous!

*Actinodendron* sp.



**Habitat:** Seagrass

**Size:** Approximately 15 - 20 cm

This anemone has thick and fleshy tentacles and its central oral disk has white stripes with small, dark spots. The colour of this animal can vary from green, yellow, purple, blue and brown. This anemone can give a powerful and painful sting as its name suggests, beware not touch them!

# Three-spined Toadfish

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*Batrachomoeus trispinosus*



**Habitat:** Rocky shore, Coral rubble, Sandy beach

**Size:** Approximately 10 - 20 cm, up to 30 cm

Do not touch! There are sharp spines on the side of its head which can be painful. Best identified by its large eyes, wide mouth and big, flat head. Has greyish-brown bars on its sides.

# Longspined Waspfish

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*Paracentropogon longispinis*

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**Habitat:** Coral rubble, Seagrass

**Size:** Approximately 5 - 7 cm

A pair of spines can be spotted next to its mouth. Dorsal fin starts from above the eyes of the animal. Do not touch with bare hands! This fish has prickly dorsal spines that can be painful!

# Hollow-cheeked Stonefish

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*Synanceia horrida*



**Habitat:** Sea wall, Coral reef, Coral rubble

**Size:** Approximately 15 - 20 cm, up to 50 cm

Do not touch! This fish can be fatal to humans! Resembles a stone, and is very well camouflaged. Can be identified by its downturned mouth that resembles a frown.

*Plotosus canius*



**Habitat:** Rocky shore, Seagrass

**Size:** Approximately Up to 1.5 m long

Do not touch! It has venomous spines on its dorsal and pectoral fins. Best identified by four pairs of 'whiskers' around its mouth and flat eel-like tail.

*Conus sp.*



**Habitat:** Rocky Shores

**Size:** Approximately 5 - 10 cm

This snail is identified by its conical shell that looks similar to an ice cream cone. The shell opens in a narrow slit and the operculum (opening) is a long and horn-like. The snail is about 5-10 cm and slow-moving but uses its radula that shoots out like a harpoon to inject a potent toxin to hunt for prey. Although this animal may look harmless like other types of snails, but it is one of the most dangerous animals on our shores and the effects of their sting can be fatal. Do not handle any snails with a similar conical shell and make sure to be in proper footwear and attire.

## *Eurythoe complanata*



**Habitat:** Coral reef, Coral rubble, Seagrass

**Size:** Approximately 10 - 20 cm

Green, brown or pink body lined with long bristles. Often found hiding under stones. Do not touch! Bristles are filled with toxins and can cause burning pain when touched.

## *Chloeia flava*



**Habitat:** Rocky shore, Seagrass

**Size:** Approximately 7 - 10 cm

Extremely beautiful with colorful hairy bistles. Do not touch! Sharp bristles are filled with toxins and can easily penetrate bare skin.

## *Gymnothorax tile*



**Habitat:** Coral rubble, Mangrove, Seagrass

**Size:** Approximately 15 - 30 cm, up to 60 cm

Long body and flattened at the tail. Resembles a snake in both appearance and movement. Usually blue-grey, brown, or reddish-brown with yellow-white spots all over its body.

# Carpet Eel-blenny

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*Congrogadus subducens*



**Habitat:** Coral rubble, Seagrass

**Size:** Approximately Up to 30 cm long

Contrary to its name and appearance, it is neither an eel nor a snake. Identified as a fish by its fins and scales, but also has a flat eel-like tail. Has a large mouth with thick lips. Green in color.

# Delicate Feathery Green Seaweed

[← INDEX](#)

*Caulerpa sertularioides*



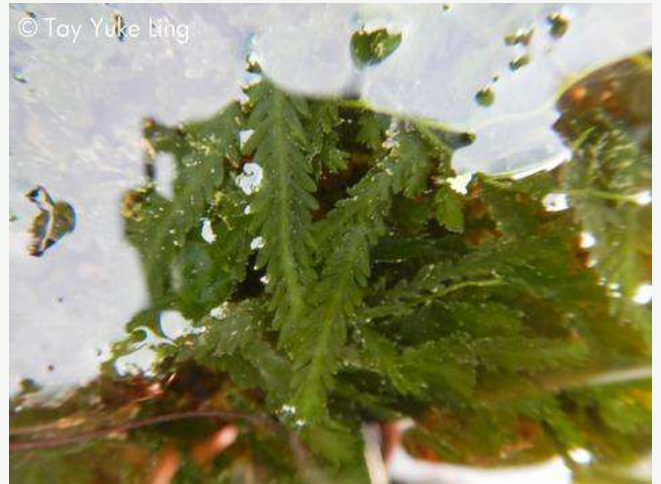
**Size:** Approximately 5 - 7 cm long

Each feathery structure is 5 – 7 cm long with long fine branches with pointed tips on a cylindrical central stem. This seaweed is found in clumps and can cover an area of 40 - 50 cm.

# Taxifolia Feathery Green Seaweed

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*Caulerpa taxifolia*



**Size:** Approximately 3 - 15 cm long

Each feather structure is around 3 – 15 cm long and has flat branches with pointed tips on a flat central stem. This seaweed can also be found in clumps, covering an area of 40 - 50 cm but does not blanket the shore.

## *Himerometra robustipinna*



**Habitat:** Coral reef, Seagrass

**Size:** Approximately 6 - 12 cm

Has about 30 distinct bright red, feathery arms, as well as some yellowish parts.

*Atherinomorus duodecimalis*



**Habitat:** Coral reef

**Size:** Approximately 3 - 6 cm, up to 10 cm

Color can range from silvery grey to blue. Streamlined-shaped with large eyes. Often has a long silver line along the length of its side.

## *Halichoeres nigrescens*

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**Habitat:** Coral rubble, Seagrass

**Size:** Approximately 5 - 8 cm, up to 16 cm

Characterised by its pointed snout and sharp teeth. Is usually silver or green in color and can be found with red, blue and yellow markings that form 4-5 bars across its body.

# Gold-spotted Mudskipper

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*Periophthalmus chrysospilos*



**Habitat:** Mangrove, Rocky shore, Seagrass, Coral rubble

**Size:** Approximately 6 - 12 cm

Obvious orange spots on its cheeks and the sides of its body. Males have an orange and black dorsal fin with elongated spikes.

*Drombus triangularis*



**Habitat:** Sandy beach, Seagrass, Mangrove

**Size:** Approximately 3 - 5 cm

Chubby-faced with small eyes. Has a body covered with irregular pale spots.

# Head Stripe Lagoon Goby

← INDEX

*Amblygobius stethophthalmus*



**Habitat:** Coral reef, Coral rubble

**Size:** Approximately 6 - 8 cm

Colorful goby with dark spots and stripes on its head. Luminous blue stripes on the side of its body.

*Istigobius ornatus*



**Habitat:** Coral reef, Coral rubble, Seagrass

**Size:** Approximately 8 - 10 cm

Fat round snout with thick lips. Has dashed lines on its sides, red and blue speckles on its body. Can be differentiated from the Black-spotted lagoon goby which has black spots instead.

*Pardachirus pavoninus*



**Habitat:** Sandy beach, Seagrass

**Size:** Approximately 10 - 15 cm, up to 20 cm

Challenging to spot this fish due to its high ability to camouflage. Fish has a flat and 2D-shape body with white circles all over its body.

## *Synaptura commersonnii*



**Habitat:** Sandy beach, Seagrass

**Size:** Approximately 20 - 30 cm

Usually plain brown or beige with no markings, and can camouflage easily in sandy areas. Flat and elongated and tapers off at the tail.

## *Acreichthys tomentosus*



**Habitat:** Seagrass, Seaweed, Coral rubble

**Size:** Approximately 7 - 12 cm

Identified by irregular curved yellow or white line from the front of its body to the middle of its upper body. The line forms a 'smile' on the side of its body.

*Choerodon schoenleinii*



**Habitat:** Sandy beach, Seaweed

**Size:** Approximately 20 cm, up to 90cm

Characterised by the black spot in the middle of its dosal fin.

# Orange-striped Hermit Crab

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*Clibanarius infraspinatus*



**Habitat:** Sandy beach, Seagrass

**Size:** Approximately 3 - 5 cm

Orange stripes on its brown walking legs. Black body with white spots. Can be found in any type of shell (as long as they fit).

# Blue-striped Hermit Crab

← INDEX

*Clibanarius longitarsus*



**Habitat:** Sandy beach, Seagrass

**Size:** Approximately 1 - 3 cm

Blue stripes on its brown walking legs. Can be found in any type of shell (as long as they fit).

*Pseudopaguristes monoporus*

© Intertidal Watch



© Dayna Cheah



**Habitat:** Coral rubble, Living coral, Sea fan

**Size:** Approximately 1 - 1.5 cm

Black bands on its pale yellow walking legs, body and antennae. Right pincer is larger than the left.

# Mangrove Horseshoe Crab

← INDEX

*Carcinoscorpius rotundicauda*



**Habitat:** Mangrove, Mudflat

**Size:** Approximately Up to 15 cm

**Status:** Vulnerable (2008 Singapore Red Data Book)

Identified by a short telson (tail) that is circular in cross-section. Smooth, brown shell with short spines on the side of its body.

## *Tachypleus gigas*



**Habitat:** Sandy shore, Seagrass

**Size:** Approximately Up to 25 cm

**Status:** Vulnerable (2008 Singapore Red Data Book)

Identified by a long telson (tail) that is triangular in cross-section. Grey-brown shell with long spines on sides of the body.

*Siphonaria atra*



**Habitat:** Boulders near reefs

**Size:** Approximately 2 - 3 cm

Thick and flat shell with 20 or more thick ribs on it. Ribs have the same color as the shell. No hole at the top of its shell.

*Patelloida saccharinoides*



**Habitat:** Rocky shore

**Size:** Approximately 2 - 3 cm

Thick shell with 5 or 6 raised white ribs creating a star-like pattern.

*Enhalus acoroides*



**Size:** Approximately 30 - 150 cm long, 1 - 2 cm wide

**Status:** Vulnerable (2008 Singapore Red Data Book)

Identified by its inrolled leaf edges. Long ribbon-like leaves with smooth round tips. Found covering large areas on sand and mud banks.

*Halophila spinulosa*



**Size:** Approximately 4 - 6 cm long

**Status:** Critically Endangered (2008 Singapore Red Data Book)

Leaf made up by up to 20 pairs of tiny leaflets on a single stem, creating its fern-like appearance. Found in small patches.

# Sickle Seagrass

[← INDEX](#)

*Thalassia hemprichii*



**Size:** Approximately 7 - 40 cm long, 0.5 - 1 cm wide

**Status:** Critically Endangered (2008 Singapore Red Data Book)

Curved sickle-shaped with smooth and round tips. Has cross hatched veins. Found scattered in patches.

*Ulva sp.*



**Size:** Approximately 1 - 2 cm (narrow strips) or more than 20 cm (sheets)

Sea lettuce is a thin and translucent seaweed and it can range from sheets, ribbon- or net-like. They often cover a large area of the shore and floats freely.

## *Arachnoides placenta*



**Habitat:** Sandy beach

**Size:** Approximately 6 - 8 cm

Circular with fine hairs around the edges. Usually found in large quantities. Sometimes have a star-shaped pattern in the centre.

*Volachlamys singaporina*



**Habitat:** Seagrass, Attached to other animals

**Size:** Approximately 3 - 6 cm

Both long and short tentacles seen when submerged in water. Many tiny eyes.

# White-rumped Sea Cucumber

[< INDEX](#)

*Actinopyga lecanora*



**Habitat:** Coral reef, Coral rubble

**Size:** Approximately 15 - 20 cm

White/grey rear ends on a smooth brown body. Rear end is actually its anus that is surrounded by 5 yellow 'teeth'. Sometimes completely brown; other times seen with white marks on its surface.

# Beige Sea Cucumber

[← INDEX](#)

*Holothuria albiventer*

© Cheo Pei Rong



© Jonathon Tan



© Jonathon Tan



**Habitat:** Seagrass

**Size:** Approximately 6 - 12 cm

White or beige in color with 5 small brown spots along the length of its upperside. Has distinguishable soft, short projections all along its upperside. Underside is flat with translucent tube feet.

# Black Long Sea Cucumber

[← INDEX](#)

*Holothuria leucospilota*



**Habitat:** Seagrass, Coral reef, Coral rubble

**Size:** Approximately 30 - 40 cm, up to 1 m

**Status:** Vulnerable (2008 Singapore Red Data Book)

Black and long. Tapered ends on a tube-like body. Has tube feet surrounding the length of its body, without a distinct upper or underside.

# Remarkable Sea Cucumber

[← INDEX](#)

*Holothuria notabilis*



**Habitat:** Sandy beach

**Size:** Approximately 10 - 12 cm

Looks like long sausage with one end more tapered than the other. Found in many colors such as yellow, brown, orange, or white - but all have irregular dark spots around its body.

# Sandfish Sea Cucumber

[← INDEX](#)

*Holothuria scabra*



**Habitat:** Sandy beach, Seagrass

**Size:** Approximately 15 - 20 cm, up to 40 cm

**Status:** Vulnerable (2008 Singapore Red Data Book)

Shaped like a loaf of garlic bread. Beige with black bars, distinct square-ish ends.

*Paracaudina australis*



**Habitat:** Seagrass, Coral reef, Coral rubble

**Size:** Approximately 10 - 15 cm

Translucent body that is smooth and slippery. Internal muscles and organs can be seen. Species lacks tube feet.

# Sea Apple Sea Cucumber

[← INDEX](#)

*Pseudocolochirus violaceus*



**Habitat:** Seagrass, Coral rubble

**Size:** Approximately 10 - 20 cm

Upperside is red and purple in color. Underside is usually pale to white in color. Sausage-like appearance, but inflates itself into a round ball when stressed.

# Pink Warty Sea Cucumber

[← INDEX](#)

*Cercodemus anceps*



**Habitat:** Seagrass

**Size:** Approximately 6 - 8 cm

Pink and yellow in color. Soft and leathery with irregular bumps. Looks similar to the Thorny Sea Cucumber but has less red on its body.

# Thorny Sea Cucumber

[← INDEX](#)

*Colochirus quadrangularis*



**Habitat:** Sandy beach, Seagrass

**Size:** Approximately 6 - 10 cm

Looks similar to the Pink Warty Sea Cucumber but has soft thorns and rarely has yellow on its body. Usually red or orange in color with grey lines along its body.

# Orange Sea Cucumber

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*Mensamaria intercedens*

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**Habitat:** Coral rubble, Sponge

**Size:** Approximately 8 - 12 cm

Mostly orange appearance due to the orange stripes on its dark blue body. Soft and leathery.

# Plasticky Sea Cucumber

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*Cladolabes hamatus*



**Habitat:** Sandy beach

**Size:** Approximately 6 - 12 cm

Appears plasticky. Pale blue or grey with dark-colored lines along its U-shaped body. Feet has bright orange tips.

# Durian Sea Cucumber

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*Stichopus horrens*



**Habitat:** Sandy beach, Seagrass

**Size:** Approximately About 20 cm, up to 50 cm

Resembles a durian with its thorny appearance. Grey-colored with spine-shaped structures.

*Dichotella gemmacea*



**Habitat:** Sandy beach

**Size:** Approximately 15 - 20 cm

Red/orange/yellow/white stems. Looks like an asparagus when polyps retract.

*Echinomuricea pulchra*



**Habitat:** Coral rubble

**Size:** Approximately 10 - 15 cm

Red/orange/maroon/pink stems. Looks rough and twisted when polyps retract.

*Pteroeidessp.*



**Habitat:** Soft Sand

**Size:** Approximately 15 - 20 cm

The spiky sea pen has a thick white stem with feather-like structures supported by spines, resembling a quilted pen. It is about 15 – 20 cm long and may have brown spots or an orange foot that is usually buried. The tiny painted porcelain crab is often found hiding in this sea pen.

## *Astropecten indicus*



**Habitat:** Sandy beach, Mudflat, Seagrass

**Size:** Approximately 4 - 6 cm

Sea star with bright orange spines on the edge of its arms. Upperside is brown with a darker brown centre and line down each of its arms. Underside is plain white.

## *Astropecten vappa*



**Habitat:** Sandy beach, Seagrass

**Size:** Approximately 6 - 8 cm

Sea star with white spines along the edge of its arms. On the upperside, it is lined with an orange or dark blue stripe down its arms. Tip of each arm is black.

# Eight-armed Luidia Sea Star

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*Luidia maculata*



**Habitat:** Sandy beach, Seagrass

**Size:** Approximately 12 - 20 cm

Has 8 arms that are 12 - 20 cm long with irregular black bars. Usually beige in color, star-shaped black mark in the centre. Underside is white.

## *Archaster typicus*



**Habitat:** Sandy beach

**Size:** Approximately 12 - 15 cm

**Status:** Vulnerable (2008 Singapore Red Data Book)

Upperside can be in various colors - beige, grey, or brown with variable patterns. Has long arms.

## *Anthenea aspera*



**Habitat:** Sandy beach, Mudflat, Seagrass

**Size:** Approximately 10 - 20 cm

**Status:** Vulnerable (2008 Singapore Red Data Book)

Underside is pale with a chevron pattern of dark bars. Upperside is covered with small pincer-like appendages.

## *Goniodiscaster scaber*



**Habitat:** Seagrass, Coral rubble

**Size:** Approximately 5 - 15 cm

Resembles a baked biscuit with its brown-beige color and smooth, cookie-cutter rounded arm tips. Upperside has blue edges running along the arms towards a dark center.

# Spiny Sea Star

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*Gymnanthenea laevis*



**Habitat:** Sandy beach, Mudflat

**Size:** Approximately 7 - 15 cm

Upperside has spiny bumps and large plate-like pincers. Underside is pale without any patterns.

# Knobbly Sea Star

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*Protoreaster nodosus*



**Habitat:** Sandy beach, Mudflat

**Size:** Approximately Up to 35 cm

**Status:** Endangered (2008 Singapore Red Data Book)

Also named 'Chocolate Chip Sea star'. Has dark knobs along the arms and in a circle at the center.

# White Salmacis Urchin

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*Salmacis sphaeroides*

© Cheo Pei Rong



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**Habitat:** Seagrass

**Size:** Approximately 5 - 8 cm

Short sharp white spines with bands in green/purple/brown. Commonly found camouflaging with leaves, seagrass or shells stuck on its spines.

## *Salmacis virgulata*



**Habitat:** Seagrass

**Size:** Approximately 5 - 8 cm

Short sharp purple spines with white tips. Spines around the mouth may be banded in white or maroon color.

# Black Sea Urchin

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*Temnopleurus toreumaticus*



**Habitat:** Sandy beach, Seagrass, Coral rubble

**Size:** Approximately 4 - 5 cm

Short, black spines about 1 cm in length radiating from its body. Has translucent tube feet that sometimes extends past its spines, helping it to move away from predators.

# Long-spined Black Sea Urchin

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*Diadema setosum*



**Habitat:** Sandy beach, Rocky shore, Coral rubble

**Size:** Approximately Spines up to 30 cm long

Skinny, long, black spines can prick through clothing, gloves and even shoes. Upperside has a sac with an orange ring, five white spots, and a v-shaped pattern of tiny bright blue spots.

## *Hippocampus kuda*

© Jonathan Tan



© Cheo Pei Rong



**Habitat:** Seagrass

**Size:** Approximately 6 - 10 cm

**Status:** Vulnerable (2008 Singapore Red Data Book)

Refrain from touching as this can damage the protective mucus on the seahorse's skin. Segmented body armour with no obvious spines, an upright posture and a curled tail.

# Peacock-tail Anemone Shrimp

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*Periclimenes brevicarpalis*



**Habitat:** Living anemone

**Size:** Approximately Up to 4 cm

Translucent orange body with white spots. Characterized by 5 eyespots on its tail that is orange with a black ring around.

# Extraordinary Sea Hare

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## *Aplysia extraordinaria*



**Habitat:** Seagrass, Coral reef

**Size:** Approximately 8 - 10 cm, up to 40 cm

Tentacles on its head resemble the ears of a rabbit. Smooth body and dark body flaps with irregular white blotchy bars and dots.

# Geographic Sea Hare

[← INDEX](#)

## *Syphonota geographica*



**Habitat:** Seagrass

**Size:** Approximately 8 - 12 cm

Olive and yellow body with tiny white spots. Has large tentacles that looked similar to rabbit ears. Usually only found during low tides or during night time.

# Spotted Sea Hare

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*Aplysia oculifera*



**Habitat:** Seagrass, Sandy beach

**Size:** Approximately 8 - 10 cm

Body is large and smooth. Brown-colored with thin, white bars on the inner edge of its 'wings'.

# Hairy Sea Hare

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*Bursatella leachii*

© Cheo Pui Rong



© Jonathan Tan



© Tay Yoke Ling



**Habitat:** Seagrass, Seaweed

**Size:** Approximately 6 - 12 cm

Brown body with bright blue dots. Can easily camouflage with seaweeds and seagrasses. Species is covered with many finger-like projections, giving it a hairy appearance.

*Miamira sinuata*



**Habitat:** Coral reef, Coral rubble

**Size:** Approximately 6 - 8 cm

Large horn-like lobe at the front of its gills. Green body outlined in white with yellow bumps all over its body.

*Jorunna funebris*



**Habitat:** Coral reef, Coral rubble

**Size:** Approximately 1 - 6 cm

White oval body with black circular markings, looking like polka-dots. Black tipped feathery gills on its back.

*Phyllidiella pustulosa*



**Habitat:** Coral reef, Coral rubble

**Size:** Approximately 4 - 5 cm

Black bodies covered with bright blue, pink, grey, red, or green bumps.

# Starry-mouthed Nudibranch

[← INDEX](#)

*Bornella stellifera*



**Habitat:** Seagrass, Seaweed, Coral reef

**Size:** Approximately 1 - 3 cm

Oral tentacles with star-shaped tips. White-colored with a net-like pattern of red or orange lines. Has orange-tipped appendages, which protects its feathery white gills.

# Moon-headed Sidegill Slug

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*Euselenops luniceps*



**Habitat:** Sandy, silty shores

**Size:** Approximately 3 - 7 cm

Resembles a chocolate chip pancake. Beige with irregular brown spots. Has a large flap of skin known as the veil with sensory 'hairs' to help them detect preys.

## *Elysia ornata*



**Habitat:** Seaweed

**Size:** Approximately 4 - 6 cm

Bears some resemblance to seaweeds. Body color can vary from green, yellow to white. Black margin on the edge of a pair of large 'wings' it possesses. Black or white spots on its body.

*Clithon oualaniensis*



**Habitat:** Sandy beach, Seagrass

**Size:** Approximately 0.3 - 0.5 cm

**Status:** Vulnerable (2008 Singapore Red Data Book)

No two shells of the species look identical. Smooth and glossy shell with a large opening.

# Scaly Nerite Snail

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*Nerita squamulata*



**Habitat:** Rocky shore

**Size:** Approximately 1.5 - 2.5 cm

Scaly shell with uneven spiralling ribs that makes its surface rough. Unlike other similar nerite snails, the spire (where you can find the tip of the shell) is not sticking out.

## *Nerita undata*



**Habitat:** Rocky shore, Sea wall

**Size:** Approximately 2 - 4 cm

Thick shell with irregular dark patches and fine, narrow, and smooth ribs. 3-4 'teeth' at the shell opening and occasionally a large 'tooth' at the outer lip of the opening.

*Nerita articulata*



**Habitat:** Rocky shore, Mangrove

**Size:** Approximately 2 - 3 cm

Distinctively identified by the spiraling black ribs on its shell. Has a smooth and white underside. Has a thick operculum that is covered with small pink and black bumps.

*Siphopatella walshi*



**Habitat:** Inside shell, Hard surface

**Size:** Approximately 1 - 4 cm

Usually spotted in the shells of Hermit crabs. Flat and white shell. Commonly found in pairs.

*Desmaulus extintorium*



**Habitat:** Inside shell, Hard surface

**Size:** Approximately 1 - 2 cm

Usually found on the shell of Hermit crabs. Thin and pointed shell with colors varying from white, pink, to red.

# Grey Bonnet Snail

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*Phalium glaucum*



**Habitat:** Sandy beach, Seagrass

**Size:** Approximately 8 - 12 cm

Resembles a bonnet. Smooth helmet-shaped shell with a pointed end. Operculum is shaped like a fan and brightly yellow in color.

## *Erosaria miliaris*



**Habitat:** Rocky shore, Sandy beach, Seagrass

**Size:** Approximately 2.5 - 5 cm

Pear-shaped shell that is beige to light-brown in color. White spots on the shell. Base has a white perimeter.

*Erronea ovum*



**Habitat:** Coral rubble, Rocky shore

**Size:** Approximately 2 - 3 cm

Pear-shaped shell that is pale blue in color with three broad brown bands. Tiny brown speckles on the shell.

# Fig Snail

← INDEX

*Ficus variegata*



**Habitat:** Sandy beach

**Size:** Approximately 8 - 10 cm

Resembles a fig. Shell has a white spiral pattern with irregular dark bands and has a large opening.

# Knobbly Periwinkle Snail

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*Echinolittorina malaccana*



**Habitat:** Rocky shore

**Size:** Approximately 0.8 - 1 cm

Conical-shaped shell with knobs arranged in a spiral pattern. Shell is usually black or bleached white.

*Neverita didyma*



**Habitat:** Sandy beach

**Size:** Approximately 3 - 5 cm

Spherical shell that is smooth and plain with pearly pastel shades. Looks similar to the Oval moon snail, but can be distinguished by a brown patch and a small depression on its underside.

*Notocochlis gualtieriana*



**Habitat:** Sandy beach, Coral reef

**Size:** Approximately 2 - 3 cm

Smooth thick shell with a spiral tip. Beige, grey or orange with many irregular dark bands. White body with many dark spots.

## *Notocochlis tigrina*

© Tay Yuke Ling



© Tay Yuke Ling



© Tay Yuke Ling



**Habitat:** Seagrass, Coral reef, Sandy beach

**Size:** Approximately 2 - 3 cm

Shell pattern resembles a leopard. Pear-shaped. White or beige shell with dark spots in a spiral pattern.

# Eggwhite Moon Snail

← INDEX

*Polinices albus*



**Habitat:** Sandy beach

**Size:** Approximately 4 - 6 cm

Smooth glossy shell. White, yellow, orange, or brown in color. Underside has a U-shaped depression. Resembles a hard boiled egg.

## *Polinices mammilla*

© Chao Pei Rong



© Tay Yuke Ling



© Tay Yuke Ling



**Habitat:** Sandy beach, Coral reef

**Size:** Approximately 5 - 6 cm

Resembles a tear-drop. Smooth white shell with a spiral tip. Usually plain, can have patches of yellow, orange, brown, or black at times. Grey bands can be seen on shell.

*Tanea lineata*



**Habitat:** Near seagrass, Sandy beach, Muddy bottoms

**Size:** Approximately 4 - 6 cm

White or beige shell with fine brown lines. Body is white or beige with short brown tentacles.

*Gyrineum natator*



**Habitat:** Under stones

**Size:** Approximately 3 - 4 cm

Beige or brown shell with dark brown spiral patterns of beaded dots and lines.

# Spiral Babylonia Snail

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*Babylonia spirata*

© Jonathan Tan



© Jonathan Tan



**Habitat:** Sandy beach, Seagrass

**Size:** Approximately 4 - 6 cm

Distinctive spirals with orange or brown spots on the shell. Shell can vary from brown to white color.

*Pterygia undulosa*



**Habitat:** Sandy beach, Seagrass

**Size:** Approximately 2 - 5 cm

Bullet-shaped shell with fine ridges arranged in a cross-hatched manner. Shell has a layer of skin which can be peeled off.

## *Nassarius crenoliratus*



**Size:** Approximately About 1 cm

Conical shell with fine pointed bumps and fine brown lines.

## *Nassarius echinatus*



**Habitat:** Sandy beach, Seaweed

**Size:** Approximately About 1 cm

Pointed fine bumps on its conical shell. Usually white with fine brown lines.

## *Nassarius jacksonianus*



**Habitat:** Mudflat, Sandy beach

**Size:** Approximately 1.5 - 2 cm

Conical shell with bumpy ridges on the spire (where the tip is). Found in shades of brown, white and green, usually with a brown band on the shell.

## *Nassarius livescens*

© Fybie Lim



© Fybie Lim



© Eugene Lim



**Habitat:** Sandy beach

**Size:** Approximately 2 - 2.5 cm

Conical-shaped shell with neat and regular ridges. Alternating bands of white and brown. Can commonly see tiny sea anemones on its shell.

## *Nassarius olivaceus*



**Habitat:** Sandy beach, Mudflat, Seagrass, Seaweed

**Size:** Approximately 3 - 4 cm

Brown or olive green shell with smooth spiralling ridges. Has a very long siphon and short tentacles.

*Nassarius teretiusculus*



**Habitat:** Sandy beach

**Size:** Approximately About 1 cm

Purple line lining the spirals of the shell. Shell is conical-shaped and yellow in color.

## *Oliva mustelina*

© Chen Pei Rong



© Jonathon Tan



© Jonathon Tan



**Habitat:** Sandy beach

**Size:** Approximately 2 - 3.5 cm

Resembles a bullet. Fine brown zig-zag lines on beige-colored shell. Opening of shell is violet in color.

## *Cymbiola nobilis*

© Jonathan Tan



© Terence Chia



© Charles Koh



**Habitat:** Sandy beach, Seagrass, Coral rubble

**Size:** Approximately 12 - 20 cm

**Status:** Vulnerable (2008 Singapore Red Data Book)

Wide brown zig-zag lines on beige, yellow, or orange shell. Body is black with orange or yellow spots.

## *Melo melo*



**Habitat:** Muddy bottoms, Near seagrass, Near mangrove

**Size:** Approximately 15 - 20cm

**Status:** Endangered (2008 Singapore Red Data Book)

Thin and fragile shell that is usually beige or orange with brown bands. Body is brown with white stripes.

*Pardalinops testudinaria*



**Habitat:** Under stones

**Size:** Approximately 1.5 - 2 cm

Pale white/ beige shell with a dark net-like pattern. Occasionally, a second shell can be spotted at its shell opening.

# Dotted Dove Snail

← INDEX

*Euplica scripta*



**Habitat:** Seagrass, Seaweed

**Size:** Approximately 1.5 - 3 cm

Thick shell with black and yellow patterns.

*Centrogenys vaigiensis*



**Habitat:** Coral rubble, Seagrass

**Size:** Approximately 5 - 7 cm, up to 15 cm

Large backward pointing spines above its mouth that can hurt. Hard to spot the fish as it is good at camouflaging and staying motionless.

# Chocolate Sponge

[← INDEX](#)

## *Sphecispongia vagabunda*



**Habitat:** Muddy bottoms of lagoons, Near reefs

**Size:** Approximately 10 - 20 cm

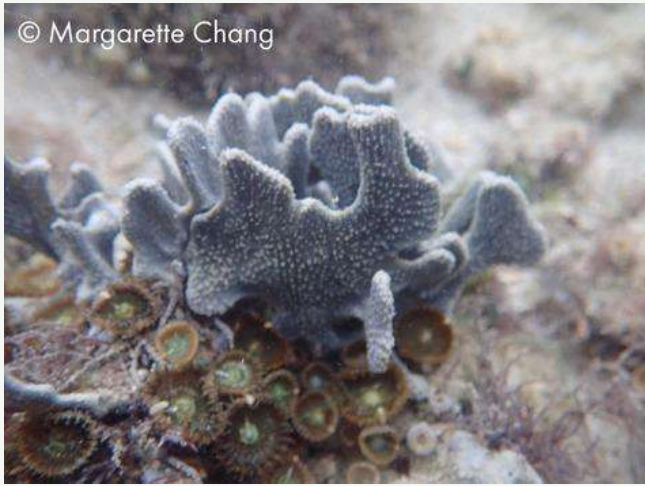
Chocolate brown with a smooth, velvety texture. Tiny brittle stars can be found in the small holes of the sponge.

# Blue Spatula Sponge

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*Lamellodysidea herbacea*

© Margarette Chang



© Dayna Cheah



**Habitat:** Coral rubble

**Size:** Approximately 10 - 15 cm

Pale blue with a prickly texture. Can be spotted in a wide range of forms, including looking like leaves of a lettuce or spatula-like fingers.

*Coelocarteria singaporensis*



**Habitat:** Coral rubble, Rocky shore

**Size:** Approximately 10 - 15 cm

Wide range of colors - yellow, purple, brown, green, and black. Usually has 1 or 2 hollow cones in the middle and is encircled by upright long structures.

# Orange Prickly Sponge

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*Mycale parishii*



**Habitat:** Rocky shore, Coral rubble

**Size:** Approximately 8 - 10 cm

Orange-colored with prickly projections. Has many tiny holes of about 0.5 cm. Can be found covering rocks and stones or forming branches on their own.

*Callyspongia diffusa*



**Habitat:** Coral rubble

**Size:** Approximately 10 - 15 cm

Pink in color. Rough texture due to the tiny spikes on it. Holes may be found along the length of its branches.

*Halophila ovalis*



**Size:** Approximately 0.5 - 2.5 cm long, 0.5 - 1.5 cm wide

**Status:** Vulnerable (2008 Singapore Red Data Book)

Spoon-shaped seagrass with smooth edges. Found in large quantities.

# Hairy Spoon Seagrass

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*Halophila decipiens*



**Size:** Approximately 1 - 2.5 cm long, 0.5 cm wide

Spoon-shaped with minute hairs on both sides of its leaves. Has thin, smooth and white stems. Leaves appear in pairs from the stems.

# Ribbed Turban Snail

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*Turbo intercostalis*



**Habitat:** Rocky shore, Coral rubble

**Size:** Approximately 3 - 6 cm

Thick shell has many smooth spirals and an operculum that resembles a 'cat's eye'. Operculum is usually a green ring with yellow or white margins and a dark centre.

*Monodonta labio*



**Habitat:** Boulders, Sea wall, Stones

**Size:** Approximately 3 - 4cm

Assymmetrical grey shell with spiraling round bumps. A white tooth structure at its shell opening.

# Spotted Top Shell Snail

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*Trochus maculatus*

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**Habitat:** Rocky shore, Sea wall, Coral reef

**Size:** Approximately 3 - 7 cm

Thick conical shell with spiraling bumps. Has a yellow underside with dark spots in spirals.

*Verpa penis*



**Habitat:** Seagrass

**Size:** Approximately 10 - 12cm

**Status:** Presumed Nationally Extinct (2008 Singapore Red Data Book)

Broader end has many small holes like the spout of a watering can. Resembles an upside-down carrot when buried.

# Very Long Ribbon Worm

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*Baseodiscus delineatus*



**Habitat:** Coral rubble

**Size:** Approximately 40 - 100 cm

Very long. White body with 4-5 black stripes along the entire length of its body.

*Tytthosoceros lizardensis*



**Habitat:** Coral rubble, Seaweed, Seagrass

**Size:** Approximately 8 - 10 cm

Olive-colored on one side, pale on its underside. White outer margin and black inner margin.

# Blue-lined Flatworm

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*Pseudoceros concinnus*



**Habitat:** Seaweed

**Size:** Approximately 2 - 4 cm

White body with a blue margin and a central blue stripe (sometimes yellow).

*Chaetopteridae-G sp.*



**Habitat:** Sandy Beach

**Size:** Approximately 2 - 3 cm exposed

This animal is a complex worm that lives inside a tube that it builds. The tube resembles a straw and it is usually embedded in the substrate and about 2 – 3 cm exposed aboveground. The straw is 0.5 cm in diameter and often found in large numbers covering large distances.