

BROWN SEAWEED



GREEN SEAWEED



Northern NZ

ROCKY SHORE GUIDE

A handy guide to the common animals and plants living on the rocky seashores of northern New Zealand.



NEW ZEALAND
MARINE STUDIES CENTRE
UNIVERSITY OF OTAGO

Mobil™

An ExxonMobil Brand

ANEMONES



☐ Red Beadlet Anemone
Actinia tenebrosa
40mm



☐ Olive Anemone
Isactinia olivacea
25mm



☐ White Striped Anemone
Anthothoe albocincta
20mm



☐ Giant Shore Anemone
Oulactis magna
100mm

BARNACLES



☐ Plicate Barnacle
Epopella plicata
25mm



☐ Beaked Barnacle
Austrominius modestus
5mm



☐ Columnar Barnacle
Chamaesipho columna
9mm



☐ Brown Barnacle
Chamaesipho brunnea
24mm

SPONGES

SHRIMPS & HOPPERS



☐ Encrusting Sponge
Halichondria sp.



☐ Golf Ball Sponge
Tethya burtoni
40mm



☐ Sandhopper Amphipod
5-10mm



☐ Sea Slater Isopod
10mm



☐ Sea Centipede / Isopod
Batedotea elongata
25mm

☐ Painted Shrimp
Alope spinifrons
65mm

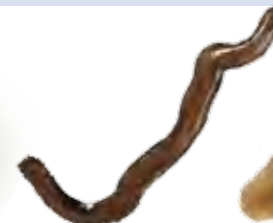
WORMS



☐ Blue Tube Worm
Spirobranchus cariniferus
40mm



☐ Spiral Tube Worms
Family: Serpulidae
3mm

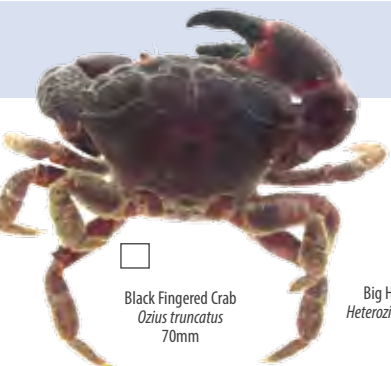


☐ Rag Worm
Family: Nereididae
150mm



☐ Flat Worm
Anonymus kaikourensensis
50mm

CRABS



☐ Black Fingered Crab
Ozius truncatus
70mm



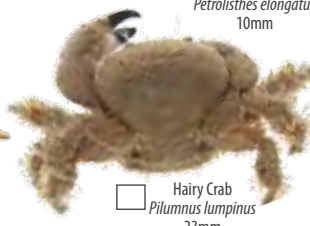
☐ Hermit Crab
Pagurus sp.
10mm



☐ Half Crab
Petalisthes elongatus
10mm

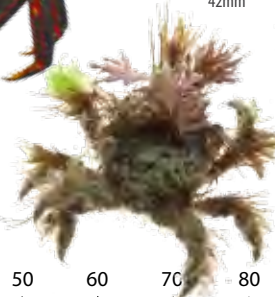


☐ Big Handed Crab
Heterozius rotundifrons
23mm



☐ Hairy Crab
Pilumnus lumpinus
23mm

☐ Camouflage Crab
Notomithrax sp.
42mm



☐ Red Rock Crab
Guinusia chabrus
75mm



☐ Large Shore Crab
Leptograpsus variegatus
78mm

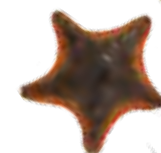
URCHIN / SEA STARS



☐ Sea Urchin / Kina
Evechinus chloroticus
150mm



☐ Spiny Sea Star
Coscinasterias muricata
250mm



☐ Cushion Star
Patriella sp.
70mm



☐ Mottled Brittle Star
Ophionereis fasciata
120mm



☐ Seven-armed Sea Star
Astrostele scabra
360mm



☐ Reef Star
Stichaster australis
300mm



☐ Oar Brittle Star
Ophiopertis antipodum
120mm

CHITONS

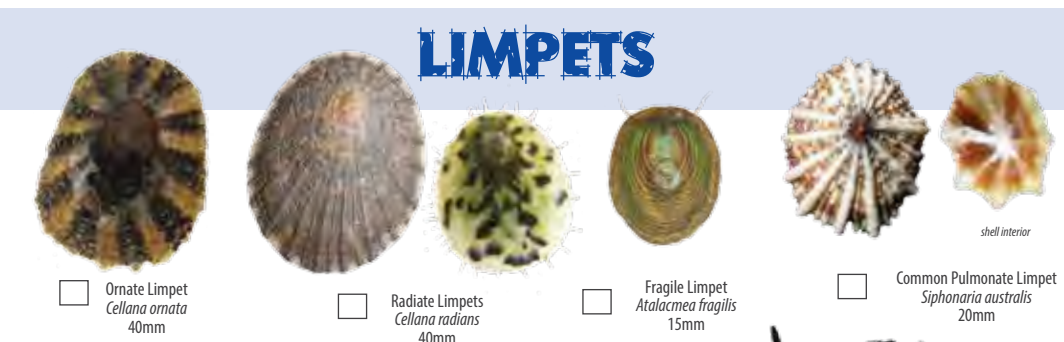
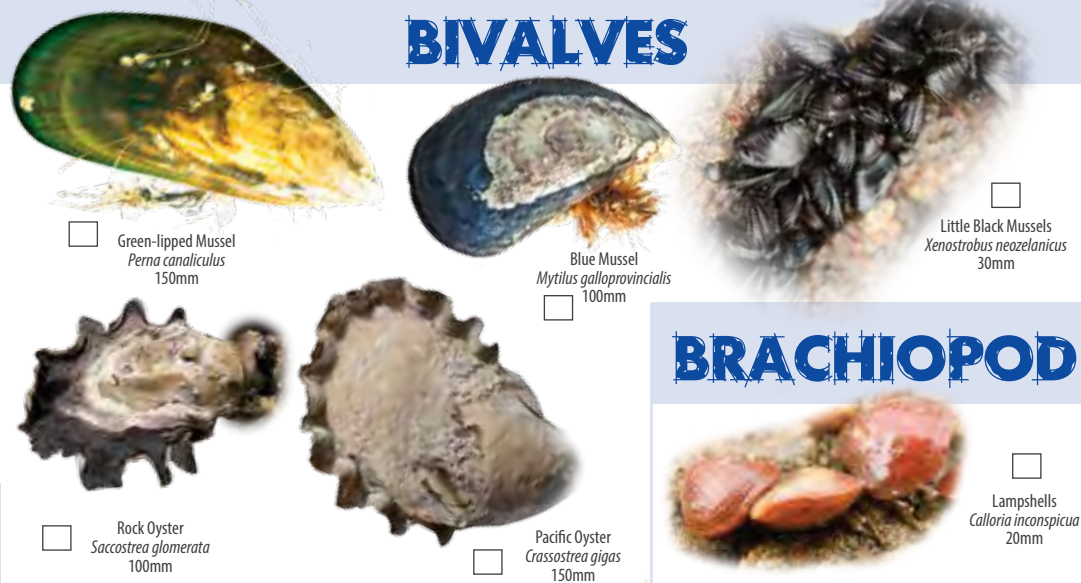
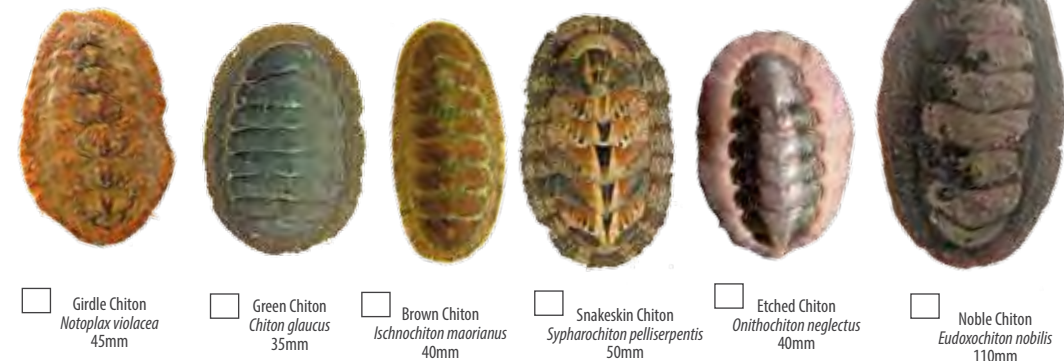
BIVALVES

BRACHIOPOD

LIMPETS

SNAILS

PAUA / SEA SLUGS



SHOW RESPECT FOR SEASHORE CREATURES



- ★ Tread carefully.
- ★ Leave creatures where you found them.
- ★ Leave attached seaweed in place.
- ★ Handle creatures with care - close to the ground with wet hands.
- ★ Carefully put rocks back to the same position you found them.
- ★ Limit your collection of empty shells as other creatures use them as homes.

AVOID DISTURBING WILDLIFE



- 🦋 Keep your distance from seabirds including penguins.
- 🦋 Keep your distance from seals and sea lions.
- 🦋 Use the zoom on your camera or binoculars for close viewing.
- 🦋 If sea lions approach you - back away slowly.
- 🦋 Keep dogs under control.

BE CAREFUL AND KEEP SAFE



- 🦋 Check tide times to avoid being cut off by rising tide.
- 🦋 Do not explore the seashore alone.
- 🦋 Watch for changing weather.
- 🦋 Look out for waves - never turn your back to the ocean.
- 🦋 Beware of slippery and uneven rock surfaces.
- 🦋 Pick up any rubbish found on the shore and dispose of it appropriately.

The NZ Marine Studies Centre (Portobello, Dunedin) provides expert knowledge, research opportunities, educational programmes and resources for schools about New Zealand's marine environment.

Acknowledgements

The Rocky Shore Guide, produced by the NZ Marine Studies Centre, Department of Marine Science, University of Otago, is proudly supported and funded by Mobil Oil New Zealand Limited. Photographer Tomas Bird. Illustrator Graeme Furness. Additional photos R. Taylor, D. Pagé, K. Giles, C. Hepburn, W. Nelson.

© NZ Marine Studies Centre 2015. All Rights Reserved.

Every effort has been made to ensure the accuracy of this guide at the time of publication.

BRYOZOANS



☐ Seaweed Encrusting Bryozoan
Membranipora membranacea

☐ Rock Encrusting Bryozoans

SEA SQUIRTS



☐ Colonial Ascidians
Didemnum sp.

☐ Colonial Ascidians
Aplidium sp.

☐ Colonial Ascidians
Distaplia sp.

☐ Solitary Ascidian
Asteropecten coerulea
50mm

☐ Orange Ascidian
Cnemidocarpa bicornuta
80mm

FISH



☐ Olive Rock Fish
Acanthodius fuscus
300mm

☐ Common Triplefin
Forsterygion sp.
50-110mm

☐ Clingfish
Gastroscyphus hectoris
90mm

RED SEAWEED



☐ Encrusting Coralline Algae

☐ *Apophlaea sinclairii*
80mm

☐ Erect Coralline Algae
Corallina officinalis
40mm

☐ *Vidalia colensoi*
300mm

☐ Karengo
Pyropia sp.
300mm

☐ *Melanthalia abscissa*
200mm

☐ *Pterocladia capillacea*
100mm

☐ Carrageenan Weed
Gelidium clavifera
200mm

☐ Filamentous Red
Polysiphonia sp.
120mm

☐ Agar Weed
Pterocladia lucida sp.
500mm