

BROWN SEAWEED



GREEN SEAWEED



Northern NZ

ROCKY SHORE GUIDE

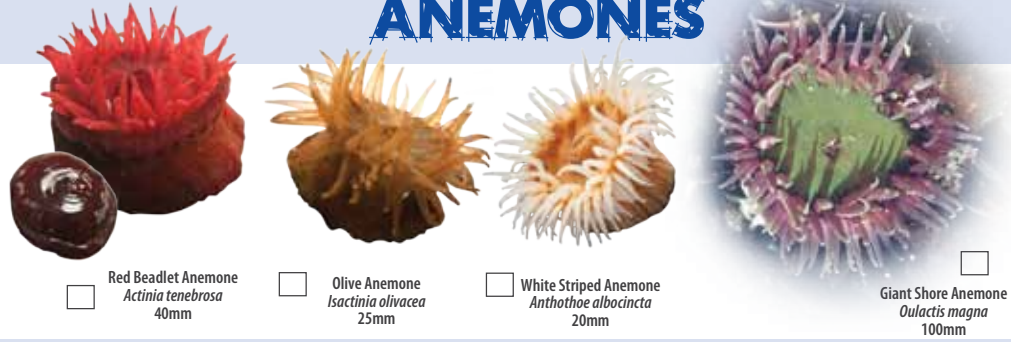
A handy guide to the common animals and plants living on the rocky seashores of northern New Zealand.



NEW ZEALAND
MARINE STUDIES CENTRE
UNIVERSITY OF OTAGO



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

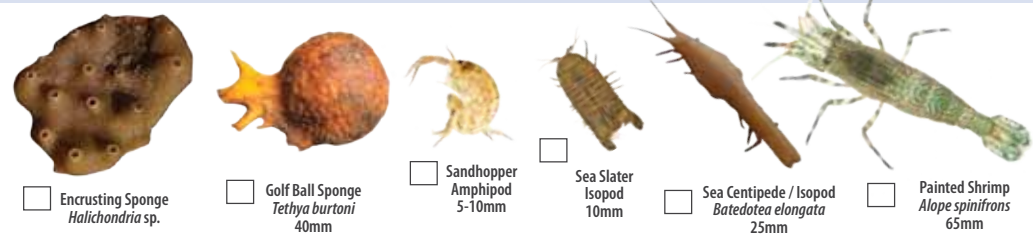
Beaked Barnacle *Austrominius modestus* 5mm

Columnar Barnacle *Chamaesipho columna* 9mm

Brown Barnacle *Chamaesipho brunnea* 19mm

SPONGES

SHRIMPS & HOPPERS



Encrusting Sponge *Haliclondria* 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



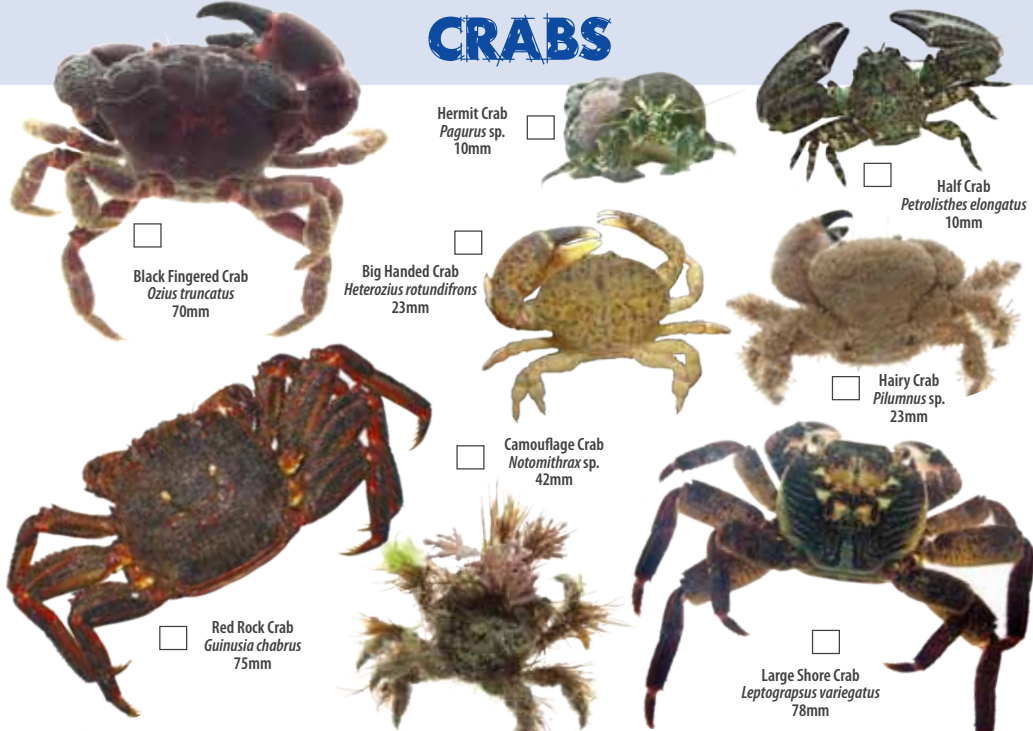
Blue Tube Worm *Spirobranchus cariniferus* 40mm

Spiral Tube Worms Family: Serpulidae 3mm

Rag Worm Family: Nereididae 150mm

Flat Worm Order: Polycladida 50mm

CRABS



Hermit Crab *Pagurus* sp. 10mm

Half Crab *Petrolisthes elongatus* 10mm

Black Fingered Crab *Ozius truncatus* 70mm

Big Handed Crab *Heterozius rotundifrons* 23mm

Hairy Crab *Pilumnus* sp. 23mm

Camouflage Crab *Notomithrax* sp. 42mm

Red Rock Crab *Guinusia chabrus* 75mm

Large Shore Crab *Leptograpsus variegatus* 78mm

SEA STARS



Sea Urchin / Kina *Evechinus chloroticus* 150mm

Spiny Sea Star *Coscinasterias muricata* 150mm

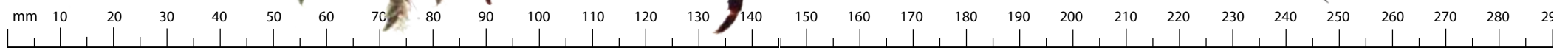
Cushion Star *Patriella* sp. 70mm

Seven Armed Sea Star *Astrostele scabra* 360mm

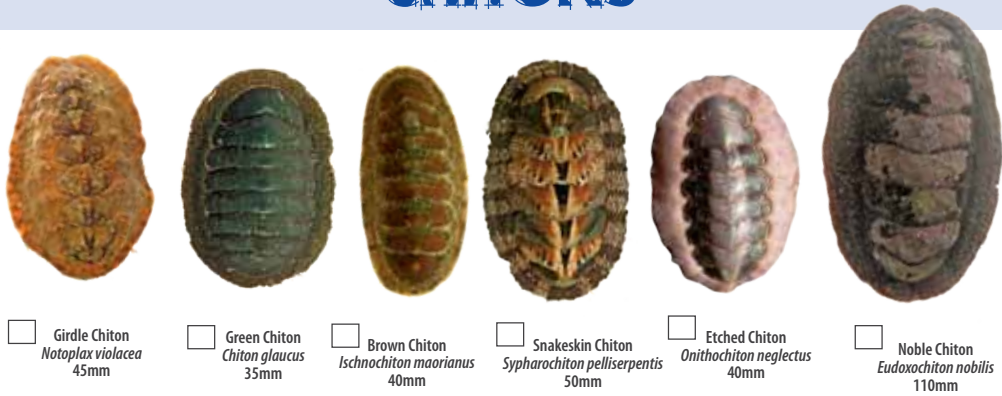
Reef Star *Stichaster australis* 300mm

Mottled Brittle Star *Ophioneis fasciata* 120mm

Oar Brittle Star *Ophiopteris antipodum* 120mm



CHITONS



Girdle Chiton *Notoplax violacea* 45mm
 Green Chiton *Chiton glaucus* 35mm
 Brown Chiton *Ischnochiton maorianus* 40mm
 Snakeskin Chiton *Sypharochiton pelliserpentis* 50mm
 Etched Chiton *Onithochiton neglectus* 40mm
 Noble Chiton *Eudoxochiton nobilis* 110mm

BIVALVES



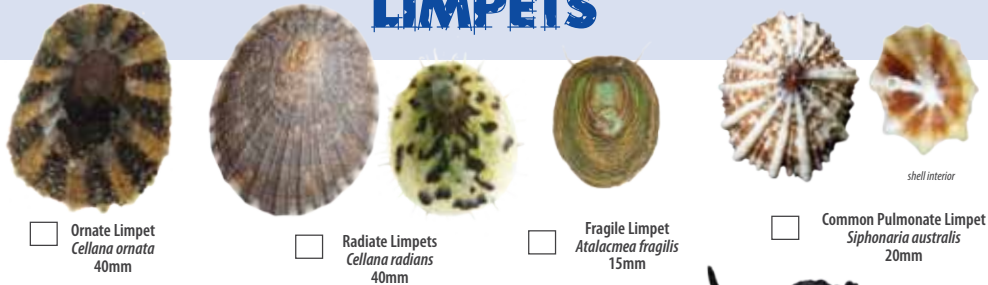
Green-lipped Mussel *Perna canaliculus* 150mm
 Blue Mussel *Mytilus galloprovincialis* 100mm
 Little Black Mussels *Limnoperna pulex* 30mm
 Rock Oyster *Saccostrea glomerata* 100mm
 Pacific Oyster *Crassostrea gigas* 150mm

BRACHIOPOD



Lampshells *Calloria inconspicua* 20mm

LIMPETS



Ornate Limpet *Cellana ornata* 40mm
 Radiate Limpets *Cellana radians* 40mm
 Fragile Limpet *Atalacma fragilis* 15mm
 Common Pulmonate Limpet *Siphonaria australis* 20mm

PAUA / SEA SLUGS

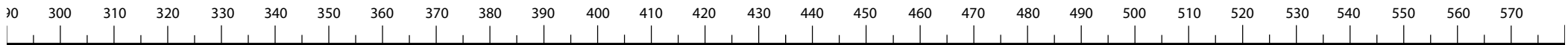


Black Foot Paua *Haliotis iris* 110mm
 Yellow Foot / Silver Paua *Haliotis australis* 85mm
 Duck's Bill Limpet *Scutus breviculus* 150mm
 Leathery Slug *Onchidella nigricans* 30mm
 Warty Nudibranch *Doris wellingtonensis* 100mm
 Sea Hare *Aplysia dactylomela* 300mm
 Lemon Nudibranch *Dendrodoris citrina* 75mm
 Clown Nudibranch *Ceratosoma amoenum* 60mm

SNAILS



Blue-banded Periwinkle *Austrolittorina antipodum* 8mm
 Brown Periwinkle *Austrolittorina cincta* 15mm
 Horn Snail *Zeacumantus lutulentus* 25mm
 Small Top Snail *Cantharidus tessellatus* 8mm
 Cook's Turban Snail *Cookia sulcata* 40mm
 Red-mouthed Whelk *Cominella virgata* 42mm
 Dark Rock Whelk *Haustrum haustrarium* 55mm
 Oyster Borer *Haustrum scobina* 35mm
 Lined Whelk *Buccinum linea* 40mm
 White Whelk *Dicathais orbita* 70mm
 Cat's Eye Snails *Lunella smaragdus* 70mm
 Spotted Top Snails *Diloma aethiops* 28mm
 Knobbed Top Snail *Diloma bicanaliculata* 20mm
 Black Nerita *Nerita melanotragus* 25mm



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, H. Nelson.

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

Creative 5996 VZ

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
Asterocarpa coerulescens
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

Osmundaria colensoi
300mm

Karengo
Pyropia sp.
300mm

Melanthalia abscissa
200mm

Pterocladia capillacea
100mm

Carrageenan Weed
Gigartina clavifera
200mm

Filamentous Red
Polysiphonia sp.
120mm

Agar Weed
Pterocladia lucida sp.
500mm



ISBN: 978-0-473-23136-1



This guide illustrates only some of the more common seashore animals and plants. Visit our website for a comprehensive list, Māori names and information about their ecology.

www.marine.ac.nz