

Aotearoa Ki Te Raki Northern NZ

PUKA ĀRAHI MŌ TE ĀKAU PŌHATUHATU ROCKY SHORE GUIDE

He puka ārahi ngāwari mō ngā kararehe me ngā tipu e kitea noatia ana ki ngā ākau pōhatuhatu o Aotearoa ki te Raki.

Common animals and plants living on the rocky seashores of northern New Zealand.



NEW ZEALAND
MARINE STUDIES CENTRE
UNIVERSITY OF OTAGO



COASTAL PEOPLE :
SOUTHERN SKIES

Centre of Research Excellence

KŌTORE MOANA ANEMONES



Kōtoretore / Tou
Red Beadlet Anemone
Actina tenebrosa
40mm



Humenga Kōwhai
Olive Anemone
Isactinia olivacea
25mm



Kōtore
White Striped Anemone
Anthothoe albocincta
20mm



Kōtore
Giant Shore Anemone
Oulactis magna
100mm

KŌPŪPŪTAI SPONGES



Pūngorungoru
Encrusting Sponge
Halichondria spp.



Porotaka Moana
Golf Ball Sponge
Tethya burtoni
40mm



Mōwhitiwhiti / Potipoti
Sandhopper
Amphipod
5-10mm



Kutu Moana
Sea Slater
Isopod
10mm



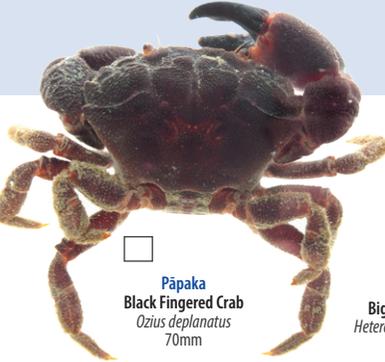
Weri Moana
Sea Centipede / Isopod
Batedotea elongata
25mm



Tarawera
Painted Shrimp
Alope spinifrons
65mm

KŌURAURA ME NGĀ URI TATA SHRIMPS & HOPPERS

PĀPAKA CRABS



Pāpaka
Black Fingered Crab
Ozius deplanatus
70mm



Kāunga
Hermit Crab
Pagurus sp.
10mm

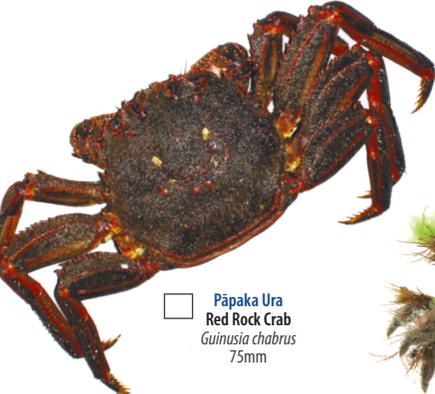


Kawekawe
Half Crab
Petalisthes elongatus
10mm

Pāpaka
Big Handed Crab
Heterozius rotundifrons
23mm

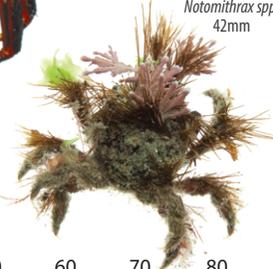


Pāpaka Huruuru
Hairy Crab
Pilumnus lumpinus
23mm



Pāpaka Ura
Red Rock Crab
Guinusia chabrus
75mm

Pāpaka Huna
Camouflage Crab
Notomithrax spp.
42mm



Pāpaka Nui
Large Shore Crab
Leptograpsus variegatus
78mm



TIOTIO / WEREWERE BARNACLES



Tiotio / Koromäungaunga
Plicate Barnacle
Epopella plicata
25mm



Tio Piripiri
Beaked Barnacle
Austrominius modestus
5mm



Tiotio / Koromäungaunga
Columnar Barnacle
Chamaesiphon columna
9mm

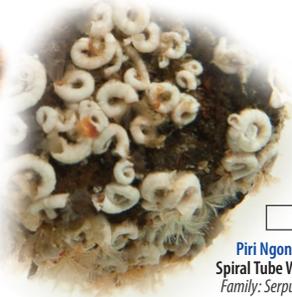


Tiotio / Koromäungaunga / Werewere
Brown Barnacle
Chamaesiphon brunnea
24mm

NOKE MOANA WORMS



Toke Pā
Blue Tube Worm
Spirobranchus cariniferus
40mm



Piri Ngongo
Spiral Tube Worms
Family: Serpulidae
3mm



Toke Moana
Rag Worm
Family: Nereididae
150mm



Toke Piri
Flat Worm
Anonymus kaikourensensis
50mm

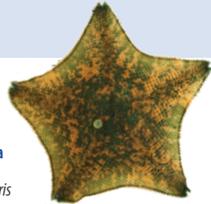
KINA / PAPTANGAROA URCHIN / SEA STARS



Kina
Sea Urchin
Evechinus chloroticus
150mm



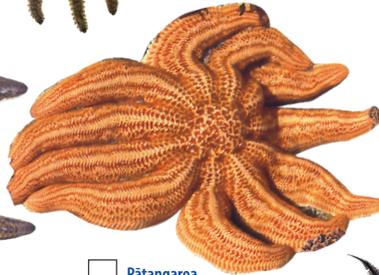
Papatangaroa
Spiny Sea Star
Coscinasterias muricata
150mm



Kapu Parahua
Cushion Star
Patriella regularis
70mm



Tangaroa Wae Whitu
Seven-armed Sea Star
Astrostele scabra
360mm



Pātangaroa
Reef Star
Stichaster
300mm



Weki Huna
Mottled Brittle Star
Ophioneis fasciata
120mm



Weki
Oar Brittle Star
Ophiopterus antipodum
120mm

150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

PAPATUA / KAOKAOROA CHITONS



Papatus Girdle Chiton
Notoplax violacea
45mm



Papatus Kākāriki Green Chiton
Chiton glaucus
35mm



Papatus Parāone Brown Chiton
Ischnochiton maorianus
40mm



Papatus Snakeskin Chiton
Sypharochiton pelliserpentis
50mm



Papatus Etched Chiton
Onithochiton neglectus
40mm



Papatus Noble Chiton
Eudoxochiton nobilis
110mm

NGĀKIHI LIMPETS



Ngākihi Ornate Limpet
Cellana ornata
40mm



Ngākihi Radiate Limpet
Cellana radians
40mm



Tūpere Fragile Limpet
Atalacmea fragilis
15mm



Ngākihi Awaawa Common Pulmonate Limpet
Siphonaria australis
20mm



shell interior

PĀUA / RORI PĀUA / SEA SLUGS



Rori Duck's Bill Limpet
Scutus breviculus
150mm



Pāua Black Foot Pāua
Haliotis iris
110mm



Hauwai / Hiihwa / Marariwha / Karahiwa / Koeo Yellow Foot / Silver Pāua
Haliotis australis
85mm



Rori Leathery Slug
Onchidella nigricans
30mm



Rori Warty Nudibranch
Doris wellingtonensis
100mm



Sea Hare
Aplysia argus
300mm



Rori Lemon Nudibranch
Dendrodoris citrina
75mm



Rori Clown Nudibranch
Ceratosoma amoenum
60mm

ANGARUA BIVALVES



Kuku / Kūtai / Pōrohe
Green-lipped Mussel
Perna canaliculus
150mm



Toretore / Pōrohe
Blue Mussel
Mytilus galloprovincialis
100mm



Kukupara / Hānea / Niania
Little Black Mussels
Xenostrobus neozelanicus
30mm



Tio Repe
Rock Oyster
Saccostrea glomerata
100mm



Tio
Pacific Oyster
Crassostrea gigas
150mm

PAPA KURA BRACHIOPOD



Papa Kura Iti
Lampshells
Calloria inconspicua
20mm

PŪPŪ SNAILS



Ngaeti
Brown Periwinkle
Austrolittorina cincta
15mm



Ngaeti
Blue-banded Periwinkle
Austrolittorina antipodum
8mm



Koeti
Horn Snail
Zeacumantus lutulentus
25mm



Matamatangongo
Small Top Snail
Micrelenchus tessellatus
8mm



Toitoti / Karekawa / Ngāruru
Cook's Turban Snail
Cookia sulcata
40mm



Kawari
Red-mouthed Whelk
Cominella virgata
42mm



Ngāeo / Kākara / Kāeo
Dark Rock Whelk
Haustrum haustorium
55mm



Kaikai Tio
Oyster Borer
Haustrum scobina
35mm



Hopetea
White Whelk
Dicathais orbita
70mm



Huamutu
Lined Whelk
Buccinum sp.
40mm



Pūpū / Pūpū Kōrama / Pūpū Atamarama
Cat's Eye Snails
Lunella smaragdus
70mm



Māihi
Knobbed Top Snails
Diloma aethiops
28mm



Māihi
Black Nerita
Nerita melanotragus
25mm

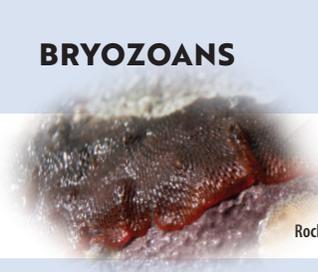


Matangārahu / Matapura / Peke
Black Nerita
Nerita melanotragus
25mm

BRYOZOANS



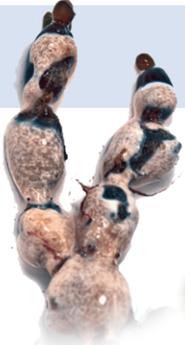
Seaweed Encrusting Bryozoan
Membranipora membranacea



Rock Encrusting Bryozoans



SEA SQUIRTS



Colonial Ascidians
Didemnum sp.



Colonial Ascidians
Eudistoma circumvallatum



Colonial Ascidians
Hypsistozoa fasmariana



Solitary Ascidian
Asterocarpa coerulea
50mm



Saddle Ascidian
Cnemidocarpa bicornuta
80mm

IKA FISH



Taumaka
Olive Rock Fish
Acanthoclinus fuscus
300mm



Kokopara
Common Triplefin
Forsterygion sp.
50-110mm



Papawharu
Clingfish
Gastroscyphus hectoris
90mm

RIMURIMU KURA RED SEAWEED



Encrusting Coralline Algae
Order Corallinales



Apophlaea sinclairii
80mm



Vidalia colensoi
300mm



Karengo / Parengo
Pyropia spp.
300mm



Branching Coralline Algae
Corallina spp.
40mm



Melanthalia abscissa
200mm



Pterocladia capillacea
100mm



Carrageenan Weed
Gigartina clavifera
200mm



Filamentous Red
Polysiphonia sp.
120mm



Agar Weed
Pterocladia lucida
500mm

RIMURIMU PARĀONE BROWN SEAWEED



Neptunes Necklace
Hormosira banksii
500mm



Kakau moana Gummy Weed
Splachnidium rugosum
200mm



Sac Weed
Colpomenia sp.
100mm



Dictyota kunthii
500mm



Kōauau Strap Weed
Xiphophora chondrophylla
500mm



Zonaria aureomarginata
50mm



Carpophyllum plumosum
1m



Sargassum
Sargassum sinclairii
1m



Rimurapa Bull Kelp
Durvillaea antarctica
3-10m



Rimurimu Ecklonia
Ecklonia radiata
1m



Zig-zag Weed
Gyosthpora torulosa
1.5m



Rimurimu Flap Jack / Sea Wrack
Carpophyllum maschalocarpum
1.5m

RIMURIMU KĀKĀRIKI GREEN SEAWEED



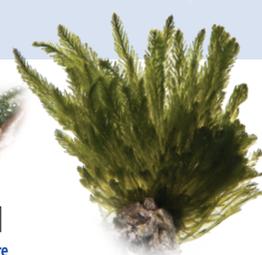
Rimu Sea Lettuce
Ulva sp.
300mm



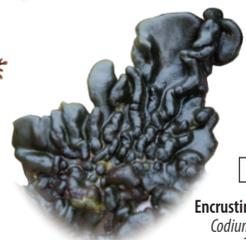
Intestine Weed
Ulva intestinalis
150mm



Ureure Sea Emerald
Chaetomorpha coliformis
20mm



Bryopsis sp.
80mm



Encrusting Velvet Weed
Codium convolutum
200mm



Branching Velvet Weed
Codium fragile
300mm



Rimurimu Sea Emerald
Caulerpa flexilis
300mm

ME TIAKI I NGĀ KARAREHE O TE TAHATAI

SHOW RESPECT FOR SEASHORE CREATURES



- ✧ Āta hiko
Tread carefully.
- ✧ Waiho atu i ngā kararehe ki te wāhi kua kitea e koe
Leave creatures where you found them.
- ✧ Waiho atu i ngā rimurimu e piri ana ki ngā toka
Leave attached seaweed in place.
- ✧ Kia ngāwari tō pā atu i ngā kararehe – kia mākū hoki ō ringaringa, me pātata i ki te whenua
Handle creatures with care - close to the ground with wet hands.
- ✧ Āta whakahoki i ngā toka ki ō rātou wāhi tika i kitea ai e koe
Carefully put rocks back to the same position you found them.
- ✧ Kia iti te kohikohi anga, he kāinga ēnei mō ētahi atu kararehe
Limit your collection of empty shells as other creatures use them as homes.

KAROHIA TE RAWEKE I NGĀ KARAREHE

AVOID DISTURBING WILDLIFE



- 📷 Me noho tawhiti koe i ngā manu o te moana
Keep your distance from seabirds including penguins.
- 📷 Me noho tawhiti koe i ngā pakaka me ngā whakahao
Keep your distance from seals and sea lions.
- 📷 Whakamahia te arotahi topa o tāu kāmera, tāu karu whakatata rānei hei titiro tata
Use the zoom on your camera or binoculars for close viewing.
- 📷 Ki te pātata mai tētahi whakahao – me āta neke whakamuri
If sea lions approach you - back away slowly.
- 📷 Me pupuri ngā kuri
Keep dogs under control.

KIA TŪPATO KIA TIKIA HOKI TŌ MAHI

BE CAREFUL AND KEEP SAFE



- 🌊 Me aro atu ki ngā wā tai timu, tai pari, kia kore e pāngia e te tai pari
Check tide times to avoid being cut off by rising tide.
- 🌊 Me aro atu koe ki ngā tohu huarere
Do not explore the seashore alone.
- 🌊 Kia mataara ki ngā ngaru – kua e huri tuarā ki te moana
Look out for waves - never turn your back to the ocean.
- 🌊 Kia tūpato i ngā wāhi toka māniana, pāhiwihiwi hoki
Beware of slippery and uneven rock surfaces.
- 🌊 Kohia ngā para kua kitea i te tahatai, ka whiua ki te wāhi para kē
Pick up any rubbish found on the shore and dispose of it appropriately.

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Whanau, hapū, and iwi may have their own names of the species in their area. Any regional variations or corrections, please email marine-studies@otago.ac.nz