

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.

KŌTORE MOANA ANEMONES

- Kōtoretore / You Red Beadlet Anemone** *Actinia tenebrosa* 40mm
- Homunga Kōwhiri Olive Anemone** *Isactinia olivacea* 25mm
- White Striped Anemone** *Anthothoe albocincta* 20mm
- Kōtore Giant Shore Anemone** *Oulactis magna* 100mm

KŌPŪPŪTAI SPONGES

- Pūngorungorū Encrusting Sponge** *Halichondria* spp.
- Porotaka Moana Golf Ball Sponge** *Tethya bartani* 40mm
- Mōwhiriwhiri / Potipoti Sandhopper** *Amphipod* 5-10mm
- Kūtu Moana Sea Slater** *Isopod* 10mm

KŌURAURA ME NGĀ URI TATA SHRIMPS & HOPPERS

- Werī Moana Sea Centipede / Isopod** *Bolebolea elongata* 25mm
- Tarawera Painted Shrimp** *Alope spiniferus* 65mm
- Kūtu Moana Sea Slater** *Isopod* 10mm
- Mōwhiriwhiri / Potipoti Sandhopper** *Amphipod* 5-10mm

PĀPAKA CRABS

- Pāpaka Black Fingered Crab** *Cassidagnathus* 70mm
- Kāunga Hermit Crab** *Pagurus* sp. 10mm
- Kāwhakahe Half Crab** *Petrolisthes elongatus* 10mm
- Pāpaka Big Handed Crab** *Heterosquilla rotundifrons* 23mm
- Pāpaka Huruheru Hairy Crab** *Pilumnus hirsutus* 23mm
- Pāpaka Hui Large Shore Crab** *Leptograpsus variegatus* 70mm

PĀPĀTUA / KAOKAORO CHITONS

- Pāpātua Girdle Chiton** *Notoplax violacea* 45mm
- Pāpātua Kākāriki Green Chiton** *Chiton glaucus* 35mm
- Pāpātua Parāone Brown Chiton** *Ischnochiton moariorum* 40mm
- Pāpātua Snakeskin Chiton** *Sypharochiton pelliserpentis* 50mm
- Pāpātua Etched Chiton** *Omitochiton neglectus* 40mm
- Pāpātua Noble Chiton** *Eudonachiton nobilis* 110mm

NGĀKIHI LIMPEI

- Ngākihi Omate Limpet** *Cellana ornata* 40mm
- Ngākihi Radiate Limpets** *Cellana radians* 40mm
- Tūpere Fragile Limpet** *Alalacma fragilis* 15mm
- Ngākihi Anawao Common Pulmonate Limpet** *Siphonaria australis* 20mm

PĀUA / RORI PĀUA / SEA SLUGS

- Pāua Black Foot Pāua** *Halobasis iris* 110mm
- Hauwāi / Hihīwa / Mararīwha / Karahiwa / Kōe Yellow Foot / Silver Pāua** *Halobasis australis* 65mm
- Rori Duck's Bill Limpet** *Scutus breviculus* 150mm
- Rori Warty Nudibranch** *Doris wellingtonensis* 100mm

TĪOTIO / WEREWERE BARNACLES

- Tīotio / Koromāunganga Plicate Barnacle** *Epopella plicata* 25mm
- Tio Piripiri Beaked Barnacle** *Austrominus modestus* 5mm
- Tīotio / Koromāunganga Columnar Barnacle** *Chamaesipho columna* 9mm
- Tīotio / Koromāunganga / Werewere Brown Barnacle** *Chamaesipho brunnea* 24mm

NOKE MOANA WORMS

- Take Pī Blue Tube Worm** *Spirorbanchus caniferus* 40mm
- Piri Ngongo Spiral Tube Worms** Family: *Serpulidae* 3mm
- Take Moana Rag Worm** Family: *Nereididae* 150mm

KINA / PĀPATANGAROA URCHIN / SEA STARS

- Kina Sea Urchin** *Erechthias chloridatus* 150mm
- Pāpatangaroa Spiny Sea Star** *Coscinasteria muricata* 150mm
- Kapa Paraha Cushion Star** *Patriella regularis* 70mm
- Tangaroa Wae Whitu Seven-armed Sea Star** *Astrostele scabra* 360mm
- Pāpatangaroa Red Star** *Sichaster* 300mm

ANGARUA BIVALVES

- Kaku / Kātā / Pārohe Green-lipped Mussel** *Perna canaliculus* 150mm
- Toreto / Pōrohe Little Black Mussels** *Mytilus galloprovincialis* 100mm
- Kākāpara / Hānoa / Nānia Little Black Mussels** *Mytilus newzealandicus* 30mm

PĀPĀ KURA BRACHIOPOD

- Tio Repe Rock Oyster** *Saccostrea glomerata* 100mm
- Tio Pacific Oyster** *Crassostrea gigas* 150mm
- Pāpā Kura Iti Lamphshell** *Callista maoripica* 20mm

PŪPŪ SNAILS

- Ngāeti Blue-banded Periwinkle** *Austrolittorina antipodum* 8mm
- Ngāeti Brown Periwinkle** *Austrolittorina cincta* 15mm
- Kōeti Horn Snail** *Zoecumantus lutulentus* 25mm
- Matamatangongo Small Top Snail** *Micelenechus aesseluetzi* 8mm
- Tōtōi / Kōreka / Ngāruru Cook's Turban Snail** *Cookia sulcata* 40mm

PĀPŪ / PŪPŪ KŌRAMA / PŪPŪ ATAMARAMA Cat's Eye Snails

- Kōwari Red-mouthed Whelk** *Cominella virgata* 42mm
- Ngāeo / Kākara / Kāeo Dark Rock Whelk** *Haustrum haustratum* 55mm
- Kōkai Tio Oyster Borer** *Haustrum scabrum* 35mm
- Hōpetea White Whelk** *Dicathais orbita* 70mm

BRYOZOANS

- Seaweed Encrusting Bryozoan** *Membranipora membranacea*
- Rock Encrusting Bryozoans**

SEA SQUIRTS

- Colonial Ascidian** *Didemnum* sp.
- Colonial Ascidian** *Eudistoma circumvallatum*
- Colonial Ascidian** *Hypostoma fassmeriana*
- Solitary Ascidian** *Asterostyris oeruela* 50mm

IKĀ FISH

- Taumaka Olive Rock Fish** *Acanthaluteres foveus* 300mm
- Kōkōpara Common Triplefin** *Forsterygion* sp. 50-110mm
- Pāpāhuru Clingfish** *Gastrosiphon hectoris* 90mm

RIMURIMU KURA RED SEAWEED

- Encrusting Coralline Algae** Order: *Corallinales*
- Branching Coralline Algae** *Corallina* spp. 40mm
- Carrageenan Weed** *Gelidium clavatum* 200mm
- Filamentous Red** *Polysiphonia* sp. 120mm
- Agar Weed** *Porphyra* spp. 300mm

RIMURIMU PARĀONE BROWN SEAWEED

- Neptunes Necklace** *Hormosira banksii* 500mm
- Kākāmoana Gummy Weed** *Splachnodium rugosum* 200mm
- Zōnaria** *Zonaria aureomarginata* 50mm
- Sargassum** *Sargassum sinclairii* 1m
- Rimurimu Flag Jack / Sea Wack** *Carpophyllum plumosum* 1m

RIMURIMU KĀKĀRIKI GREEN SEAWEED

- Rimurimu Sea Lettuce** *Ulva* sp. 300mm
- Intestine Weed** *Ulva intestinalis* 150mm
- Ruru Sea Lettuce** *Ulva* sp. 300mm
- Encrusting Velvet Weed** *Codium convolvutum* 200mm
- Branching Velvet Weed** *Codium fragile* 300mm

RIMURIMU KĀKĀRIKI GREEN SEAWEED

- Ruru Sea Lettuce** *Ulva* sp. 300mm
- Intestine Weed** *Ulva intestinalis* 150mm
- Ruru Sea Lettuce** *Ulva* sp. 300mm
- Encrusting Velvet Weed** *Codium convolvutum* 200mm
- Branching Velvet Weed** *Codium fragile* 300mm

ME TIĀKI I NGĀ KARAREHE O TE TAHATAI SHOW RESPECT FOR SEASHORE CREATURES

- Āta hikoi 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 māku 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 rātau 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 etahi 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.
- Whakamahiā te aratohi topa o tāu kāmera, tāu kuru 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 TĪKA 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 huareo Do not explore the seashore alone.
- Kia mataara ki ngā ngaru – kua e huri tuā ki te moana Look out for waves - never turn your back to the ocean.
- Kia tūpato i ngā wāhi toka māniana, pāhiwhiwhi 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.

