

ME TIAKI I NGĀ KARAREHE O TE TAHATAI



- ✧ Āta hikoi.
- ✧ Waiho atu i ngā kararehe ki te wāhi kua kitea e koe.
- ✧ Waiho atu i ngā rimurimu e piri ana ki ngā toka.
- ✧ Kia ngāwari tō pā atu i ngā kararehe – kia māku hoki ō ringaringa, me pātata ai ki te whenua.
- ✧ Āta whakahoki i ngā toka ki ō rātou wāhi tika i kitea ai e koe.
- ✧ Kia iti te kohikohi anga, he kainga ēnei mō ētahi atu kararehe.

KAROHIA TE RAWEKE I NGĀ KARAREHE



- 🐚 Me noho tawhiti koe i ngā manu o te moana.
- 🐚 Me noho tawhiti koe i ngā pakaka me ngā whakahao.
- 🐚 Whakamahia te arotahi topa o tāu kāmera, tāu karu whakatata rānei hei titiro tata.
- 🐚 Ki te pātata mai tētahi whakahao – me āta neke whakamuri.
- 🐚 Me puritia i ngā kuri.

KIA TŪPATO KIA TIKI HOKI TE MAHI



- 🐟 Me aro atu ki ngā wā tai timu, tai pari, kia kore e pāngia i te wā tai pari.
- 🐟 Me aro atu koe ki ngā tohu huarere
- 🐟 Kia mataara ki ngā ngaru – kaua e huri tuarā ki te moana.
- 🐟 Kia tūpato i ngā wāhi toka māniana, pāhiwihiwi hoki.
- 🐟 Kohia i ngā para kua kitea i te tahatai, ka whiua ki te wāhi para kē.

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



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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

Aotearoa ki te Raki

PUKA ĀRAHI MŌ TE ĀKAU PŌHATUHATU

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

We understand that there are many regional differences and acknowledge that whānau, hapū and iwi have their own names and understandings of the creatures in their area. If you are able to help by adding a Māori name, or giving us the regional variation, we would be interested in hearing from you.

Please email marine-studies@otago.ac.nz.



Mobil

KŌTORE MOANA



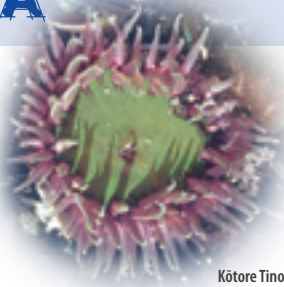
Kōtore Moana
Actinia tenebrosa
40mm



Kōtore Ōriwa*
Isactinia olivacea
25mm



Kōtore Tāhekeheke Mā*
Anthothoe albocincta
20mm



Kōtore Tino Nui*
Oulactis magna
100mm

KŌPŪPŪTAI



Pūngorungoru*
Halichondria sp.



Porotaka Moana
Tethya burtoni
40mm



Namu
Amphipod
5-10mm



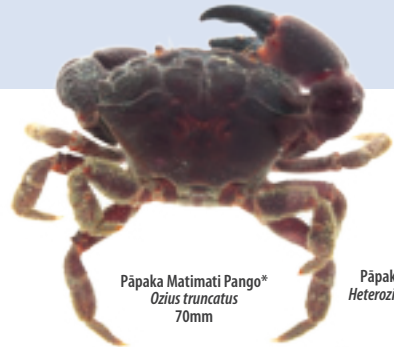
Pāpapa Moana*
Isopod
10mm



Weri Moana
Batedotea elongata
25mm

Ura
Alope spinifrons
65mm

PĀPAKA



Pāpaka Matimati Pango*
Ozius truncatus
70mm

Waerau
Pagurus sp.
10mm



Kairau / Kokoriki
Petroliastes elongatus
10mm

Pāpaka Ringa Nui*
Heterozius rotundifrons
23mm



Pāpaka Huna
Notomithrax sp.
42mm



Pāpaka Huruuru
Pilumnus sp.
23mm



Pāpaka Toka Whero*
Guinusia chabrus
75mm



Pāpaka ākau nui*
Leptograpsus variegatus
78mm

TIOTIO / WEREWERE



Tiotio Rahi*
Epopella plicata
25mm



Tiotio Ngutu*
Austrominius modestus
5mm



Tiotio Tai Pari
Chamaesipho columna
9mm



Tiotio Parāone*
Chamaesipho brunnea
19mm

TOKE MOANA



Toke Pū Kikorangi*
Spirobranchus cariniferus
40mm



Toke Pū Tōrino*
Family: Serpulidae
3mm



Toke Moana
Family: Nereididae
150mm



Toke Pū Papatahi*
Order: Polycladida
50mm

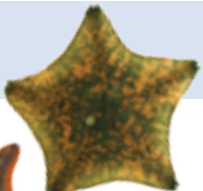
PAPATANGAROA



Kina
Evechinus chloroticus
150mm



Papatangaroa
Coscinaestera muricata
150mm



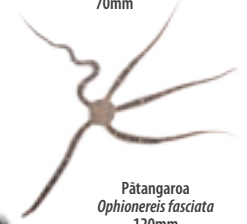
Kapu Parahua
Patiriella sp.
70mm



Pātangaroa Ringa Whitu*
Astrorole scabra
360mm



Pātangaroa Ākau*
Stichaster australis
300mm



Pātangaroa
Ophiopterus fasciata
120mm



Pātangaroa
Ophiopertis antipodum
120mm

tata* Names created by transliteration (literally translated into Māori) as there was no specific name found for the specific species (scientific name), but created also from the general name found.

PAPATUA / KAOKAOROA



Papatua Tātua*
Notoplax violacea
45mm

Papatua Kākāriki*
Chiton glaucus
35mm

Papatua Parāone*
Ischnochiton maorianus
40mm

Papatua
Sypharochiton pelliserpentis
50mm

Papatua
Onithochiton neglectus
40mm

Papatua Rangitira*
Eudoxochiton nobilis
110mm

NGĀKIHI



Ngākihi
Cellana ornata
40mm

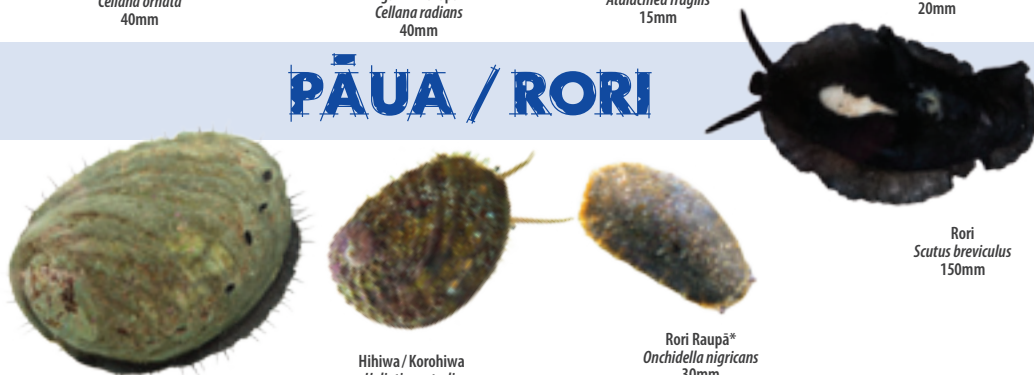
Ngākihi Toropā*
Cellana radians
40mm

Ngākihi Kopi*
Atalacmea fragilis
15mm

Ngākihi Pukapuka*
Siphonaria australis
20mm

shell interior

PĀUA / RORI

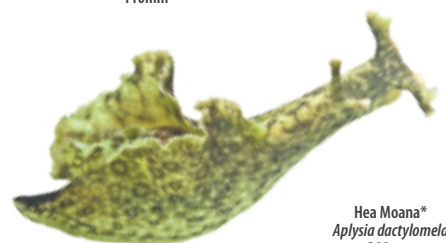


Pāua
Haliotis iris
110mm

Hihiwa / Korohiwa
Haliotis australis
85mm

Rori Raupā*
Onchidella nigricans
30mm

Rori
Scutus breviculus
150mm



Hea Moana*
Aplysia dactylomela
300mm



Piha-kau Rēmana*
Dendrodoris citrina
75mm



Piha-kau Kiritona*
Doris wellingtonensis
100mm



Piha-kau Hangareka*
Ceratosoma amoenum
60mm

ANGARUA



Kuku / Kūtai
Perna canaliculus
150mm



Kuku / Kūtai
Mytilus galloprovincialis
100mm



Kuku-para
Limnoperna pulex
30mm



Tio
Saccostrea glomerata
100mm



Tio
Crassostrea gigas
150mm

PAPA KURA ITI



Papa Kura Iti
Calloria inconspicua
20mm

PŪPŪ



Ngaeti
Austrolittorina cincta
15mm



Ngaeti
Austrolittorina antipodum
8mm



Huamutu
Zeacumantus lutulentus
25mm



Anga Pōtaka Iti*
Cantharidus tessellatus
8mm



Pūpū Karikawa / Nāeo
Cookia sulcata
40mm



Hope Waha-Whero*
Cominella virgata
42mm



Ngāeo
Haustrum haustorium
55mm



Kaikai Tio
Haustrum scobina
35mm



Hopetea
Dicathais orbita
70mm



Huamutu
Buccinum lineata
40mm



Atāta / Pūpū
Lunella smaragdus
70mm



Māihi
Diloma aethiops
28mm



Whetiko
Diloma bicanaliculata
20mm



Matangārahu
Nerita melanotragus
25mm

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 coeruleus
50mm



Orange Ascidian
Cnemidocarpa bicornuta
80mm

IKA



Tuamaka
Acanthodius fuscus
300mm



Kokopu
Forsterygion sp.
50-110mm



Papawharu
Gastroscyphus hectoris
90mm

RIMURIMU KURA



Encrusting Coralline Algae



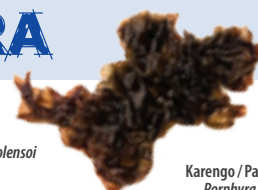
Erect Coralline Algae
Corallina officinalis
40mm



Apophlaea sinclairii
80mm



Osmundaria colensoi
300mm



Karengo / Parengo
Porphyra sp.
300mm



Melanthalia abscissa
200mm



Pterocladia capillacea
100mm



Carrageenan Weed
Gigartina clavifera
200mm

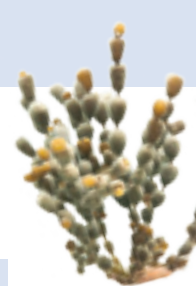


Filamentous Red
Polysiphonia sp.
120mm



Agar Weed
Pterocladia lucida sp.
200mm

RIMURIMU PARĀONE



Neptunes Necklace
Hormosira banksii
500mm



Dead Man's Fingers
Splachnidium rugosum
200mm



Sac Weed
Colpomenia sp.
100mm



Dictyota kunthii
500mm



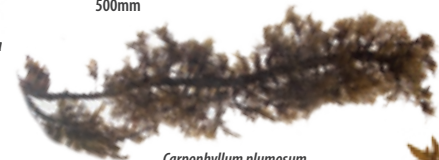
Kōauau
Xiphophora chondrophylla
500mm



Zonaria aureomarginata
50mm



Sargassum
Sargassum sinclairii
1m



Carpophyllum plumosum
1m



Rimurapa
Durvillaea antarctica
3-10m



Ecklonia
Ecklonia radiata
1m



Zig-zag Weed
Cystophora torulosa
1.5m



Flap Jack / Sea Wrack
Carpophyllum maschalocarpum
1.5m

RIMURIMU KĀKĀRIKI



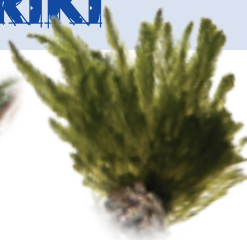
Rimu
Ulva sp.
300mm



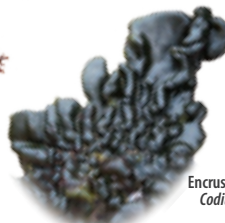
Intestine Weed
Ulva intestinalis
150mm



Ureure
Chaetomorpha califormis
20mm



Bryopsis sp.
80mm



Encrusting Velvet Weed
Codium convolutum
200mm



Branching Velvet Weed
Codium fragile
300mm



Sea Rimu
Caulerpa flexilis
300mm