

Appendix 4

MARINE LIFE OF THE PROPOSED TAPUAE MARINE RESERVE

This list includes both those fish species validated by voucher specimens and others collected by various persons or observed by divers. The comments on frequency and distribution are mainly based on diver observations over a number of years. The list is based on species lists contained in Hayward and Morley, 2002; SLIMPIMC 1991; New Plymouth Underwater Club 1989 and Department of Conservation 1997.

Frequency descriptions are as follows:

Common	Distributed generally throughout and seen on most dives
Frequent	Distributed more locally, generally due to habitat.
Occasional	Not often seen and sometimes seasonal.
Rare	Hardly ever seen, often only a single record.
D	Washed up dead shells – as an indication of species in the subtidal sediments and rocky habitat just off shore.

FISH

COMMON NAME	SCIENTIFIC NAME	FREQUENCY
mako shark	<i>Isurus oxyrinchus</i>	Occasional (during summer)
white shark	<i>Carcharodon carcharias</i>	Occasional
basking shark	<i>Cetorhinus maximus</i>	Occasional
blue shark	<i>Prionace glauca</i>	Occasional (during summer)
bronze whaler shark	<i>Carcharhinus brachyurus</i>	Occasional
short tailed stingray	<i>Dasyatis brevicaudatus</i>	Occasional
long tailed stingray	<i>Dasyatis thetidis</i>	Occasional
eagle ray	<i>Myliobatis tenuicaudatus</i>	Frequent
long-finned eel	<i>Anguilla dieffenbachii</i>	Occasional
short-finned eel	<i>Anguilla australis</i>	Occasional
common conger eel	<i>Conger verreauxi</i>	Frequent
long-finned worm eel	<i>Muraenichthys breviceps</i>	
sprat	<i>Sprattus muelleri</i>	
anchovy	<i>Engraulis australis</i>	
whitebait	<i>Galaxias sp.</i>	Common
sandfish	<i>Gonorhynchus greyi</i>	
urchin clingfish	<i>Dellichthys morelandi</i>	Common
lumpfish	<i>Trachelochismus pinnulatus</i>	Common
rock cod	<i>Lotella racinus</i>	Common
red cod	<i>Pseudophycis bachus</i>	Common
northern bastard red cod	<i>Pseudophycis breviusculus</i>	Frequent
grey brotula	<i>Bidenichthys beeblebroxi</i>	
flying fish	<i>Cypselurus lineatus</i>	Occasional (during summer)
piper	<i>Hyporhamphus ihi</i>	Frequent
slender roughy	<i>Optivus elongatus</i>	Common
common roughy	<i>Paratrachichthys trailli</i>	Frequent
john dory	<i>Zeus faber</i>	Frequent
moonfish	<i>Lampris immaculatus</i>	1 stranded, Nga Motu Beach
oarfish	<i>Regalecus glesne</i>	Rare
long-snouted pipefish	<i>Leptonotus norae</i>	Rare

COMMON NAME	SCIENTIFIC NAME	FREQUENCY
seahorse	<i>Hippocampus abdominalis</i>	Common
red scorpionfish	<i>Scorpaena papillosus</i>	Common
sea perch	<i>Helicolenus percoides</i>	Common
red gurnard	<i>Chelidonichthys kumu</i>	Common
red banded perch	<i>Hypoplectrodes huntii</i>	Common
butterfly perch	<i>Caesioperca lepidoptera</i>	Common
rockfish	<i>Acanthoclinus quadridactylus</i>	Common
trevally	<i>Pseudocaranax dentex</i>	Common
koheru	<i>Decapterus koheru</i>	Common
horse mackerel	<i>Trachurus novaezelandiae</i>	Common
kingfish	<i>Seriola landi</i>	Frequent in summer
big scale pomfret	<i>Taractichthys longipinnus</i>	One recorded
kahawai	<i>Arripis trutta</i>	Common
ruby fish	<i>Plagiogeneion rubiginosus</i>	Rare
snapper	<i>Pagrus auratus</i>	Common
goatfish (red mullet)	<i>Upeneichthys lineatus</i>	Frequent in recent years
silver drummer	<i>Kyphosus sydneyanus</i>	Rare
blue maomao	<i>Scorpiis violaceus</i>	Occasional
sweep	<i>Scorpiis lineolatus</i>	Common
demoiselle	<i>Chromis dispilus</i>	Common
kelpfish	<i>Chironemus marmoratus</i>	Common
marblefish	<i>Aplodactylus arcidens</i>	Common
terakihi	<i>Nemadactylus macropterus</i>	Frequent
red moki	<i>Cheilodactylus spectabilis</i>	Common
magnie morwong (magnie perch)	<i>Cheilodactylus nigripes</i>	Rare
blue moki	<i>Latridopsis ciliaris</i>	Frequent
copper moki	<i>Latridopsis forstri</i>	Occasional
grey mullet	<i>Mugil cephalus</i>	Occasional
yellow-eyed mullet	<i>Aldrichetta forsteri</i>	Common
spotty	<i>Notodolabrus celidonus</i>	Common
banded wrasse	<i>Notodolabrus fucicola</i>	Common
scarlet wrasse	<i>Pseudolabrus miles</i>	Common
butterfish	<i>Odax pullus</i>	Frequent
blue cod	<i>Parapercis colias</i>	Common
crested blenny	<i>Parablennius laticlavius</i>	Common
spectacled triplefin	<i>Ruanoho whero</i>	Common
long-finned triplefin	<i>Ruanoho decemdigitatus</i>	
variable triplefin	<i>Forsterygion varium</i>	Common
common triplefin	<i>Forsterygion lapillum</i>	
yaldwyns triplefin	<i>Notoclinops yaldwyni</i>	Common
blue-eyed triplefin	<i>Notoclinops segmentatus</i>	
mottled triplefin	<i>Forsterygion malcomi</i>	
yellow & black triplefin	<i>Forsterygion flavonigrum</i>	
oblique swimming triplfin	<i>Obliquichthys maryannae</i>	Common
scaley headed triplefin	<i>Karalepsis stewarti</i>	
blue-dot triplefin	<i>Notoclinops carulepunctus</i>	
topknot	<i>Notoclinus fenestratus</i>	
cryptic triplefin	<i>Cryptichthys jojettae</i>	
brown topknot	<i>Notoclinus compressus</i>	
barracouta	<i>Thyrsites atun Frequent</i>	
skipjack tuna	<i>Katsuwonus pelamis</i>	Occasional
albacore tuna	<i>Thunnus alalunga</i>	Occasional

COMMON NAME	SCIENTIFIC NAME	FREQUENCY
leatherjacket	<i>Parika scaber</i>	Common
globefish	<i>Contusus richei</i>	Rare
pufferfish	<i>Canthigaster callisterna</i>	Rare
porcupine fish	<i>Allomycterus jaculiferus</i>	Rare
ocean sunfish	<i>Mola mola</i>	Rare
oblong sunfish	<i>Ranzania laevis</i>	1 stranded at Port Taranaki

PHYLUM PORIFERA (Sponges)

(This list includes species recorded by Willan (1980) denoted by * and species collected and identified by Dr G. Fenwick, University of Canterbury in March 1985. Preliminary identifications):

	<i>Anchinoe sp.</i>	
	<i>Ancorina alata</i>	Common
red horny sponge	<i>Aplysilla rosa</i>	Occasional
	<i>Axinella tricalyformis</i>	
	<i>Axinellida spp.</i>	
	<i>Biemna spp.</i>	
	<i>Cacospongia sp.</i>	
thin finger sponge	<i>Callyspongia ramosa</i>	Common
	<i>Carteriospongia sp.</i>	
	<i>Cinachyra sp.</i>	
	<i>Ciocalypta cf polymastia</i>	
boring sponge	<i>Cliona celata</i>	Common
	<i>Crella incrustans</i>	
	<i>Darwinella gardineri</i>	
	<i>Desmacella dendyi</i>	
	<i>Dysidea sp.</i>	
	<i>Homaxinella sp.</i>	
	<i>Hymedsemia sp. *</i>	
	<i>Hyrrios sp.</i>	
yellow finger sponge	<i>Iophon sp.</i>	
	<i>Latrunculia sp.</i>	
	<i>Microciona coccinea</i>	Rare
	<i>Pararaphonxya sp.</i>	
	<i>Polymastia fusca</i>	Common
	<i>Polymastia granulosa</i>	
	<i>Psammocinia sp.</i>	
	<i>Pseudaaxinella. cf. australis</i>	
	<i>Raspalia agminata</i>	
	<i>Raspalia topsenti</i>	
	<i>Spongia sp.</i>	
	<i>Stellata conulosa</i>	
	<i>Stellata cf. diversiraphidophora</i>	
	<i>Suberites axinelloides</i>	Occasional
orange golf ball sponge	<i>Tethya aurantium</i>	Frequent
	<i>Tethya australis</i>	rare
pink golf ball sponge	<i>Tethya ingalli</i>	Frequent
	<i>Tethya mortoni</i>	rare

COMMON NAME	SCIENTIFIC NAME	FREQUENCY
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PHYLUM CNIDARIA (Hydroids, jellyfish, sea anemones, corals) (previously COELENTERATA)

Class Hydrozoa (Hydroids)

Sea tree	<i>Solandaria racemosa</i>	Common
	<i>Tubularia</i> sp.	Frequent

Class Anthozoa (sea anemones, corals, soft corals)

	<i>Actinia tenebrosa</i>	occasional
	<i>Actinothoe albocincta</i>	
dead mans fingers	<i>Alcyonium aurantiacum</i>	Frequent
zoanthid	<i>Parazoanthus</i> sp.	Frequent
pin stripe anemone	<i>Actinothoe albocincta</i>	Frequent
jewel anemone	<i>Corynactis haddoni</i>	Frequent
cup coral	<i>Culicea rubeola</i>	
	<i>Diadumene neozelanica</i>	Frequent
	<i>Isactinia olivacea</i>	Frequent
	<i>Isocradactis magna</i>	Frequent
fan coral	<i>Flabellum rubrum</i>	Frequent
	<i>Monomyces rubrum</i>	
	<i>Physalia physalis</i>	D
	<i>Solandaria racemosa</i>	
	<i>Tubularia</i> sp.	

PHYLUM POLYCHAETA (tubeworms, bristleworms)

COMMON NAME	SCIENTIFIC NAME	FREQUENCY
	<i>Amphitrite</i> sp.	
	<i>Galeolaria hystrix</i>	Occasional
	<i>Neosabellaria kaiparaensis</i>	Common
	<i>Salmacina australis</i>	Common
	<i>Spirobranchus cariniferus</i>	Common
	<i>Spirorbis</i> sp.	Common
	<i>Sabella</i> sp.	

PHYLUM MOLLUSCA

Class Amphineura (Chitons)

	<i>Acanthochitona violacea</i>	Frequent
	<i>Acanthochitona zelandica</i>	Rare
	<i>Chiton glaucus</i>	Common
active chiton	<i>Ischnochiton maorianus</i>	Occasional
	<i>Leptochiton inquinatus</i>	Occasional
	<i>Plaxiphora caelata</i>	
	<i>Plaxiphora biramosa</i>	Rare
	<i>Plaxiphora obtecta</i>	Rare
	<i>Sypharochiton pelliserpentis</i>	Common
large chiton	<i>Eudoxochiton nobilis</i>	
butterfly chiton	<i>Cryptoconchus porosus</i>	
purple butterfly chiton	<i>Notoplax violacea</i>	

Class Gastropoda (one shell, slugs and snails)

small volute	<i>Alcithoe fusus</i>	
	<i>Amalda (Baryspira) mucronata</i>	
	<i>Amphithalamus falsestea</i>	
	<i>Anabathron hedleyi</i>	
	<i>Asteracmea suteri</i>	
circular saw shell	<i>Astraea heliotropium</i>	Frequent
	<i>Austrofusus glans</i>	
lines whelk	<i>Buccinulum lineum</i>	

COMMON NAME	SCIENTIFIC NAME	FREQUENCY	
spengler's trumpet, (triton)	<i>Cabestana spengleri</i>		
	<i>Caecum digitulum</i>		
	<i>Calliostoma pellucidum</i>		
	<i>Calliostoma punctulatum</i>		
	<i>Calliostoma selectum</i>		
	<i>Calliostoma tigris</i>		
	<i>Cantuaridella tessellata</i>		
opal top shell	<i>Cantharidus opalus</i>		
purple top shell	<i>Cantharidus purpureus</i>		
	<i>Cellana ornata</i>		
radiate (tortoiseshell) limpet	<i>Cellana radians</i>		
limpet	<i>Cellana stellifera</i>		
	<i>Cerithiopsidae 2 spp.</i>		
large trumpet	<i>Charonia lampax capax</i>		
	<i>Chemnitzia spp</i>		
	<i>Cominella adpersa</i>		
	<i>Cominella maculosa</i>		
	<i>Cominella quoyana</i>		
whelk	<i>Cominella virgata</i>	Common	
cooks turban shell	<i>Cookia sulcata</i>	Common	
	<i>Crepidula costata</i>		
	<i>Dicathais orbita</i>		
	<i>Diloma arida</i>		
	<i>Diloma bicanaliculata</i>		
	<i>Diloma coracina</i>		
	<i>Diloma nigerrima</i>		
	<i>Diloma zelandica</i>		
	<i>Eatoniella albocolumella</i>		
	<i>Eatoniella delli</i>		
	<i>Eatoniella globosa ?</i>		
	<i>Eatoniella latebricola</i>		
	<i>Eatoniella olivacea</i>		
	<i>Eatoniella roseocincta</i>		
	<i>Eatoniella atomaria</i>		
	<i>Eatoniella subflavescens</i>		
	<i>Gadina conica</i>		
	shield shell	<i>Scutus breviculus</i>	Frequent
	pink paua	<i>Haliotis australis</i>	Frequent
	virgin paua	<i>Haliotis virginia virginea</i>	Occasional
common paua	<i>Haliotis iris</i>	Frequent	
dark rock shell	<i>Haustrum haustorium</i>		
	<i>Janthina exigua</i>		
oyster borer	<i>Lepsiella albomarginata</i>		
	<i>Linopyrga rugata</i>		
turret shell	<i>Maoricolpus roseus manukauensis</i>		
cunninghams tiger shell	<i>Maurea cunninghami</i>	Common	
tiger shell	<i>Maurea tigris</i>	Common	
brown top shell	<i>Maurea punctulata</i>		
topshell	<i>Maurea pellucida</i>		
	<i>Melagraphia aethiops</i>		
	<i>Micrelenchus sanguineus</i>		
	<i>Nodilittorina antipodum</i>		
	<i>Nodilittorina cincta</i>		
	<i>Notoacmea elongata</i>		
	<i>Notoacmea helmsi</i>		
	<i>Notoacmea parviconoidea</i>		
	<i>Notoacmea pileopsis pileopsis</i>		
	<i>Onchidella nigricans</i>		
	<i>Onoba fumata</i>		

COMMON NAME	SCIENTIFIC NAME	FREQUENCY
	<i>Paratrophon c. cheesemani</i>	
	<i>Paratrophon c. exsculptus</i>	
	<i>Patelloida corticata</i>	Common
	<i>Penion sulcatus</i>	
	<i>Pisina zosterophila</i>	Rare
	<i>Pleurobranchaea maculata</i>	Rare
	<i>Potamopyrgus estuarinus</i>	Common
	<i>Radiacmea inconspicua</i>	Occasional
	<i>Risellopsis varia</i>	Occasional
	<i>Rissoella cystophora</i>	Rare
	<i>Rissoina chathamensis</i>	D
	<i>Semicassis pyrum</i>	
circular slipper shell	<i>Sigapatella novazelandiae</i>	
	<i>Siphonaria propria</i>	Occasional
	? <i>Spectamen sp.</i>	D
large ostrich foot	<i>Struthiolaria papulosa</i>	
	<i>Trichosirius inornatus</i>	D
white rock shell	<i>Thais orbita</i>	
common cats eye	<i>Turbo smaragdus</i>	
greenish top shell	<i>Trochus viridis</i>	
	<i>Tugali suteri</i>	
	<i>Tugali elegans</i>	D
southern cats eye	<i>Turbo granosus</i>	
helmet shell	<i>Xenophalium labiatum</i>	
carrier shell	<i>Xenophora neozelandica</i>	Frequent
trophon	<i>Xymene traverse</i>	
	<i>Zalipais lissa</i>	D
	<i>Zeacumantus subcarinatus</i>	
Order Nudibranchia (true sea slugs)		
	<i>Aphelodoris luctuosa</i>	Frequent
	<i>Cadlina willani</i>	
	<i>Ceratosoma amoena</i>	Frequent
	<i>Chromodoris aureomarginata</i>	Frequent
	<i>Doriopsis flabellifera</i>	rare
	<i>Jason mirabilis</i>	Frequent
	<i>Trapania rudmani</i>	
	<i>Archidoris wellingtonensis</i>	
	<i>Tritonia incerta</i>	
	<i>Polycera sp. (?maddoxi)</i>	Rare
Class Cephalapoda (cuttlefish, squid, octopus etc)		
common octopus	<i>Octopus maorum</i>	Common
Arrow squid	<i>Nototodarus sloanei</i>	Uncommon
giant squid	<i>Architeuthis sp.</i>	Rare
	<i>Spriula spirula</i>	D
Class Bivalvia		
	<i>Anomia trigonopsis</i>	d
horse mussel	<i>Atrina zelandica</i>	Frequent
ark shell	<i>Barbatia novaezelandiae</i>	Frequent
	<i>Borniola reniformis</i>	occasional
nesting cockle	<i>Cardita aoteana</i>	
fan scallop	<i>Chlamys zelandiae</i>	
	<i>Corbula zelandica</i>	D
	<i>Diplodonta striatula</i>	D

COMMON NAME	SCIENTIFIC NAME	FREQUENCY
pink sunset shell	<i>Dosinia subrosea</i>	D
	<i>Felaniella zelandica</i>	D
	<i>Gari stangeri</i>	D
	<i>Glycymeris modesta</i>	D
	<i>Hiatella arctica</i>	common
	<i>Irus reflexus</i>	D
	<i>Kellia cycladiformis</i>	D
	<i>Leptomya retiaria</i>	D
nesting mussel	<i>Mactra discors</i>	D
	<i>Modiolarca impacta</i>	Common
	<i>Modiolus areolatus</i>	D
window oyster	<i>Myadora boltoni</i>	D
	<i>Monia zelandica</i>	Frequent
green-lipped mussel	<i>Neolepton antipodum</i>	D
	<i>Nucula nitidula</i>	D
	<i>Paphies donacina</i>	D
	<i>Paphies subtriangulata</i>	rare
	<i>Perna canaliculus</i>	Common
	<i>Peronaea gaimardi</i>	D
	<i>Philobrya munita</i>	D
	<i>Pholadidea tridens</i>	D
	<i>Pododesmus zelandicus</i>	
	<i>Protothaca crassicosta</i>	frequent
small black mussel	<i>Pseudoarcomorpha disculus</i>	D
	<i>Ruditapes largillierii</i>	D
	<i>Scalpomactra scapellum</i>	D
	<i>Tawera spissa</i>	D
	<i>Trichomusculus barbatus</i>	rare
	<i>Xenostrobus pulex</i>	Common

PHYLUM BRYOZOA (Identified by Dr D. Gordon, NZ Oceanographic Institute)

Aetea australis
Beania discodermiae
Bricrisia
Caberea helicina
Caberea rostrata
Caberea zelandica
Catenicella elegans
Catenicella sp.
Cellaria tenuirostris
Celleporaria agglutinans
Celleporina sp.
Crisia tenuis
Crisia sp.
Electra pilosa
Emma rotunda
Faveolaria cyclops
Galeopsis grandiporus
Galeopsis polyporus
Hippoporina rostrata
Idmidronea sp.
Lagenipora hemiperistomata
Lichenopora sp.
Menipea vectifera
Metroperiella immersa
Microporella intermedia
Pterocella alata

COMMON NAME	SCIENTIFIC NAME	FREQUENCY
	<i>Scruparia ambigua</i>	
	<i>Scrupocellaria ornithorhyncus</i>	
PHYLUM BRACHIOPODA		
red lamp shell	<i>Calloria inconspicua</i>	Rare
PHYLUM ARTHROPODA		
Class Crustacea		
Subclass Cirripedia (barnacles)		
	<i>Balanus vestitus</i>	
	<i>Notomegabalanus decorus</i>	
plicate barnacle	<i>Epopella plicata</i>	
	<i>Chamaesipho brunnea</i>	
	<i>Chamaesipho columna</i>	
	<i>Tetraclita purpurescens</i>	Occasional
Subclass Malacostraca (Crabs, Lobster)		
	<i>Alope spinifrons</i>	D
spiny crayfish	<i>Jasus edwardsii</i>	Common
green crayfish	<i>Jasus verreauxi</i>	Occasional
spider crab	<i>Elamena longirostris</i>	
sea spider	<i>Haliarcarinus cooki</i>	
	<i>Haliarcarinus innominatus</i>	Occasional
	<i>Hemigrapsus edwardsi</i>	Occasional
	<i>Leptograpsus variegatus</i>	Frequent
camouflage crab	<i>Notomithrax minor</i>	Occasional
camouflage crab	<i>Notomithrax ursus</i>	Frequent
	<i>Ovalipes catharus</i>	Occasional
hermit crab	<i>Pagurus novizelandiae</i>	Common
	<i>Petrolisthes elongates</i>	Frequent
red rock crab	<i>Plagusia capensis</i>	
Common shrimp	<i>Palaemon affinis</i>	
PHYLUM ECHINODERMATA (starfish, sea urchins, brittle stars etc)		
	<i>Allostichaster polyplax</i>	
eleven armed star	<i>Coscinasterias muricata</i>	Occasional
Common urchin	<i>Evechinus chloroticus</i>	Common
Heart Urchin	<i>Echinocardium cordatum</i>	Frequent
	<i>Fellaster zelandiae</i>	D
oar sand star	<i>Ophiopteris antipodum</i>	Common
mottled sand star	<i>Ophionereis fasciata</i>	Common
snakes-tail star	<i>Pectinura maculata</i>	Common
common cushion star	<i>Patiriella regularis</i>	Common
biscuit star	<i>Pentagonaster pulchellus</i>	Occasional
inflated cushion star	<i>Stegnaster inflatus</i>	Common
reef star	<i>Stichaster australis</i>	Common
	<i>Stichopus mollis</i>	
PHYLUM CHORDATA		
Class Ascidacea (Sea squirts)		
saddle sea squirt	<i>Cnemidocarpa bicornata</i>	
	<i>Aplidium "network"</i>	
	<i>Asterocarpa coerulea</i>	
	<i>Corella eumyota</i>	Rare
	<i>Didemnum candidum</i>	
	<i>Didemnum densum</i>	

COMMON NAME	SCIENTIFIC NAME	FREQUENCY
	<i>Diplosoma listerianum</i>	
	<i>Pyrua</i> sp.	Rare
MAMMALS		
NZ fur seal	<i>Arctocephalus forsteri</i>	Common
leopard seal	<i>Hydrurga leptonyx</i>	Rare
southern right whale	<i>Balaena glacialis</i>	Rare
humpback whale	<i>Megaptera novaeangliae</i>	Rare
Cuvier's whale	<i>Ziphius cavirostris</i>	Rare
scamperdown whale	<i>Mesoplodon grayi</i>	Rare
pilot whale	<i>Globicephala</i> sp.	Occasional
Orca (killer whale)	<i>Orcinus orca</i>	Occasional
bottlenose dolphin	<i>Tursiops truncatus</i>	Occasional
common dolphin	<i>Delphinus delphis</i>	Occasional
Maui's dolphin	<i>Cephalorhynchus hectori maui</i>	Rare
REPTILES		
yellow bellied sea snake	<i>Pelamis platurus</i>	Rare
ALGAE		
	<i>Bryopsis plumose</i>	
	<i>Ballia scoparia?</i>	Occasional
	<i>Capreolia implexa</i>	
common flapjack	<i>Carpophyllum maschalocarpum</i>	Common
	<i>Carpophyllum angustifolium</i>	Occasional
	<i>Carpophyllum flexuosum</i>	Occasional
	<i>Caulerpa sedoides nz</i>	
green grape weed	<i>Caulerpa geminata</i>	Common
	<i>Chaetomorpha aerea</i>	Occasional
	<i>Chaetomorpha</i> sp	Occasional
	<i>Chordaria cladosiphon</i>	Occasional
air cushion	<i>Colpomenia sinuosa</i>	Common
coralline paint	<i>Coralinna officinalis</i>	
	<i>Cystophora torulosa</i>	Common
	<i>Dasya</i> sp	Occasional
	<i>Dasyclonium incisum</i>	Occasional
	<i>Dictyota dictotoma?</i>	Occasional
	<i>Dictyota</i> sp?	Occasional
	<i>Enteromorpha ?compressa</i>	Occasional
	<i>Enteromorpha</i> sp	Occasional
paddleweed	<i>Ecklonia radiata</i>	Common.
	<i>Gigartina cranwelliae</i>	
	<i>Gigartina livida</i>	Occasional
	<i>Glossophora kunthii</i>	Common
	<i>Griffithsia traversii</i>	Occasional
	<i>Haliptilon roseum</i>	Occasional
	<i>Halopteris virgata</i>	Occasional
	<i>Helminthocladia densa?</i>	Occasional
	<i>Herposiphonia ceratoclada</i>	Occasional
	<i>Heterosiphonia tessellate</i>	Occasional
	<i>Hildenbrandia crouani</i>	
Venus' necklace	<i>Hormosira banksii</i>	
	<i>Jania micrarthrodia</i>	Occasional
	<i>Landsburgia quercifolia</i>	Occasional
	<i>Laurencia thyrsefera</i>	Occasional
	<i>Lithothamnion</i> sp.	(taxonomy under review).

COMMON NAME	SCIENTIFIC NAME	FREQUENCY
	<i>Metamorphe colensoi</i>	Occasional
	<i>Microzonia velutina</i>	Common
	<i>Notheia anomala</i>	Occasional
	<i>Petalonia fascia</i>	Occasional
	<i>Plocamium costatum</i>	
	<i>Plocamium microcladioides</i>	Occasional
	<i>Polysiphonia sp.</i>	
	<i>Porphyra columbina</i>	Occasional
comb weed	<i>Pterocladia lucida</i>	Occasional
	<i>Pteroclatiella capillacea</i>	Occasional
	<i>Rhodymenia linearis ?</i>	Occasional
	<i>Ryodymenia obtuse ?</i>	Occasional
	<i>Scytothamnua australis</i>	Common
	<i>Splachnidium rugosum</i>	Frequent
	<i>Scinaia sp.</i>	
sea lettuce	<i>Ulva lactuca</i>	Common
LICHEN	<i>Lichina confines</i>	Common