



Species List



Codium spp.

Codium fragile
Dead Man's Fingers



Codium setchellii





Derbesia sp.

Derbesia marina





Ulva sp.

U. taeniata

Sea Lettuce



U. prolifera
Distinguished from filamentous
green by neon color



Previously *Enteromorpha prolifera*



Other Green

Filamentous Green Algae (dark green)





Agarum fimbriatum

Sea Colander



Currently *Neoagarum fimbriatum*



Colpomenia sp.

C. peregrina

Round Brown Bag Algae





Cystoseira sp.

Cystoseira osmundacea
Bladder Chain Kelp

Juvenile

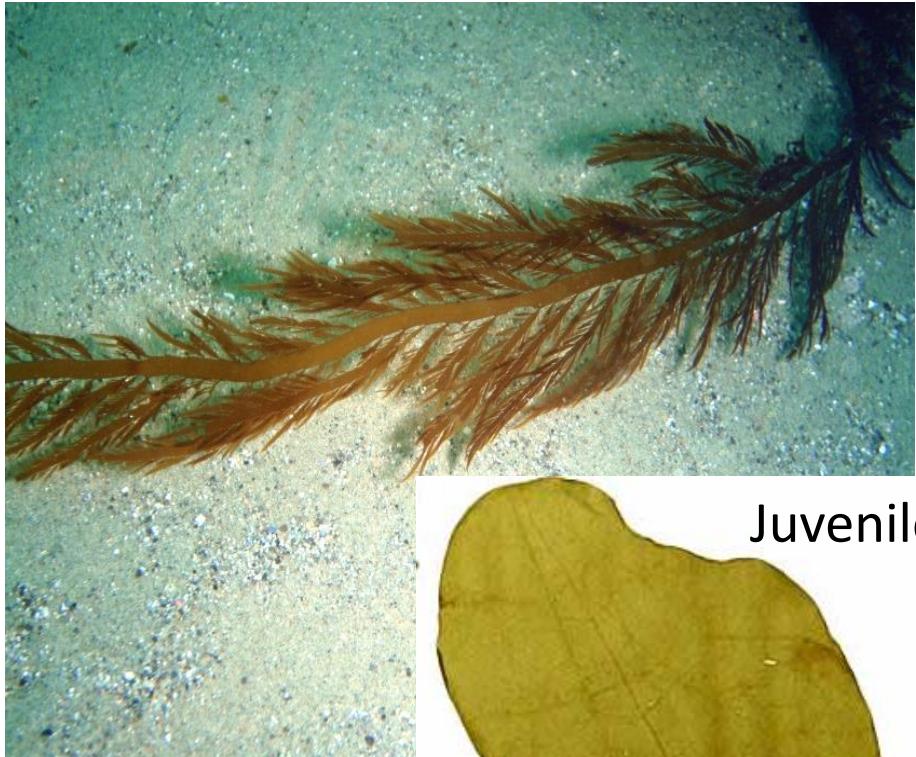


Currently *Stephanocystis osmundacea*



Desmarestia sp.

Desmarestia ligulata
Acid Weed





Dictyoneuropsis reticulata



Dictyota/Pachydictyon

Dictyota flabellata



Dictyota coriacea



Pachydictyon coriacea



Dictyota binghamiae





Dictyopteris sp.

Dictyopteris undulata

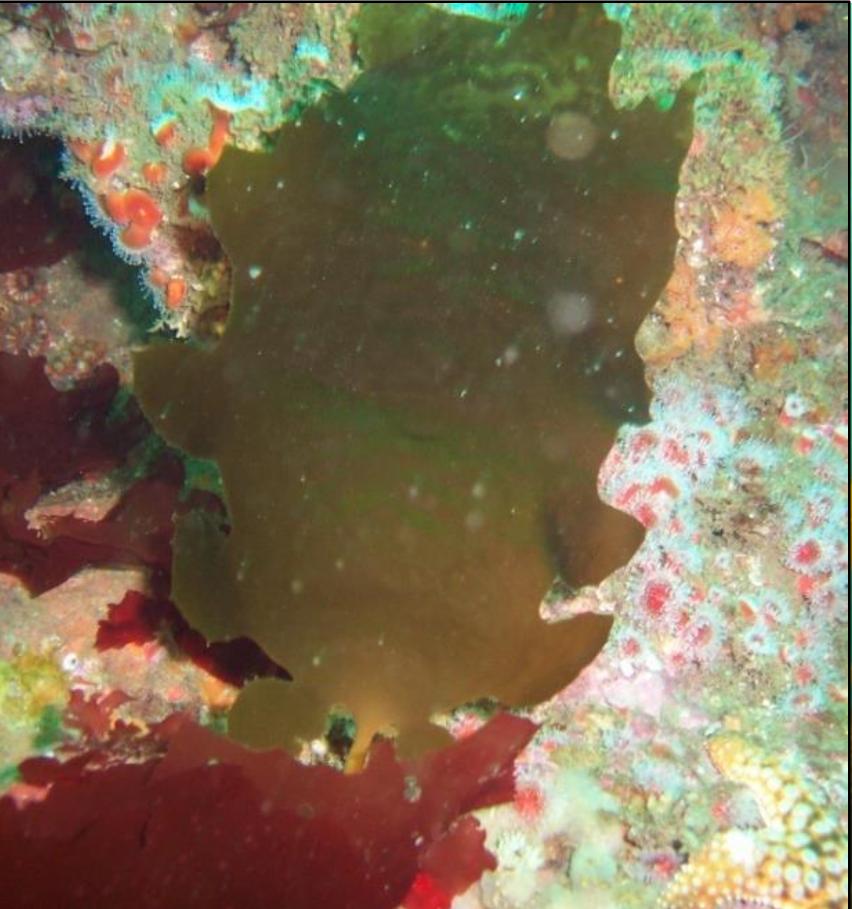




Eisenia arborea

Southern Sea Palm

Juvenile



Adult





Laminaria farlowii

Oar Weed

Juvenile



Adult





Macrocystis pyrifera

Giant Kelp

Juvenile



Sub-adult



Adult



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Pterygophora californica

Palm Kelp

Juvenile



Adult





Sargassum muticum

Wire-weed

Juvenile



Adult





Sargassum horneri

Devil-weed

Juvenile



Adult





Zonaria sp.

Zonaria farlowii





Other Brown Algae

Filamentous Brown Algae



Egregia menziesii
Feather Boa Kelp



Dictyopteris undulata



Dictyoneurum californicum

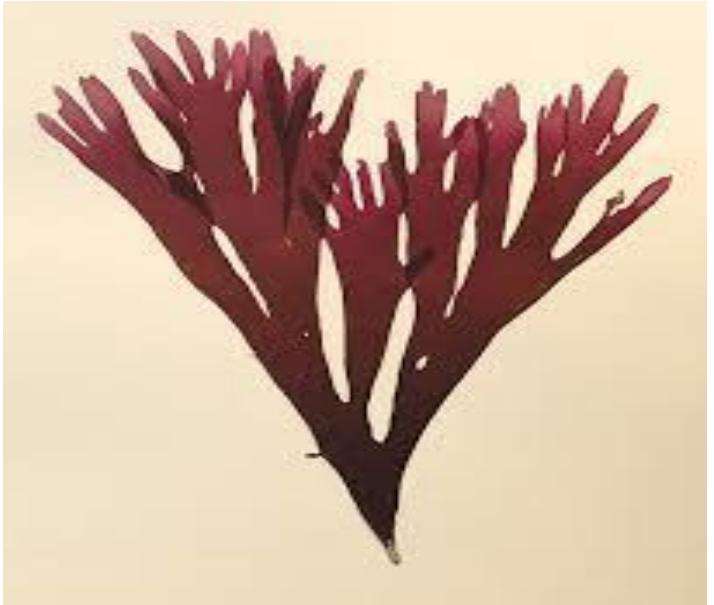


Callophyllis spp.

C. flabellulata



C. pinnata



C. violacea
Most common species on
pacific coast





Cryptopleura spp.

Cryptopleura ruprechtiana

Grape Tongue





Gelidium spp.

Gelidium robustum

Agarweed





Gigartina spp.

Turkish towel

Local species include *C. corymbiferus* and *C. exasperatus*

(Sometimes iridescent)



Currently *Chondracanthus* spp.



Laurencia sp.





Plocamium spp.

Plocamium cartilagineum subsp. *pacificum*



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Rhodymenia spp.

R. pacifica



R. californica



Articulated coralline

Calliarthron cheilosporioides



Bossiella orbigniana



Corallina officinalis var chilensis
Pink feather coralline



Lithorix aspergillum
Stone Hair





Encrusting coralline

Most common species in the genera *Pseudolithophyllum*



Other Red Algae

Fryeella gardneri



© James Watanabe

Filamentous red spp.



Gloiocladia laciniata



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Encrusting red algae
Possibly *Hildenbrandia* spp.





Miscellaneous Plant

Benthic Diatom film

Common genera: *Vaucheria*



Phyllospadix spp.

Surfgrass

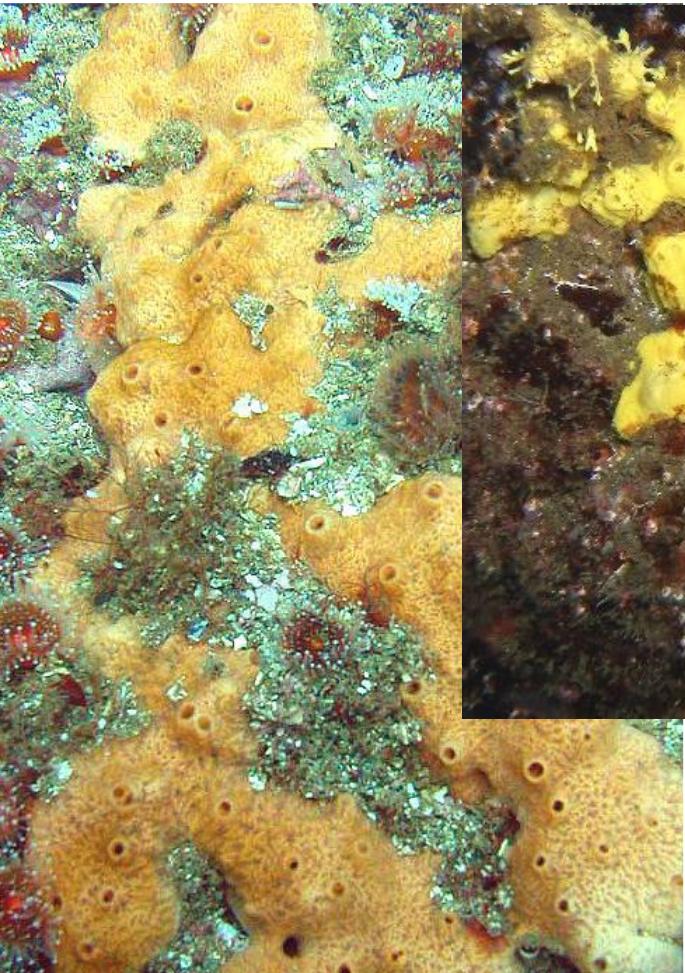




Bare Rock



Haliclona spp.



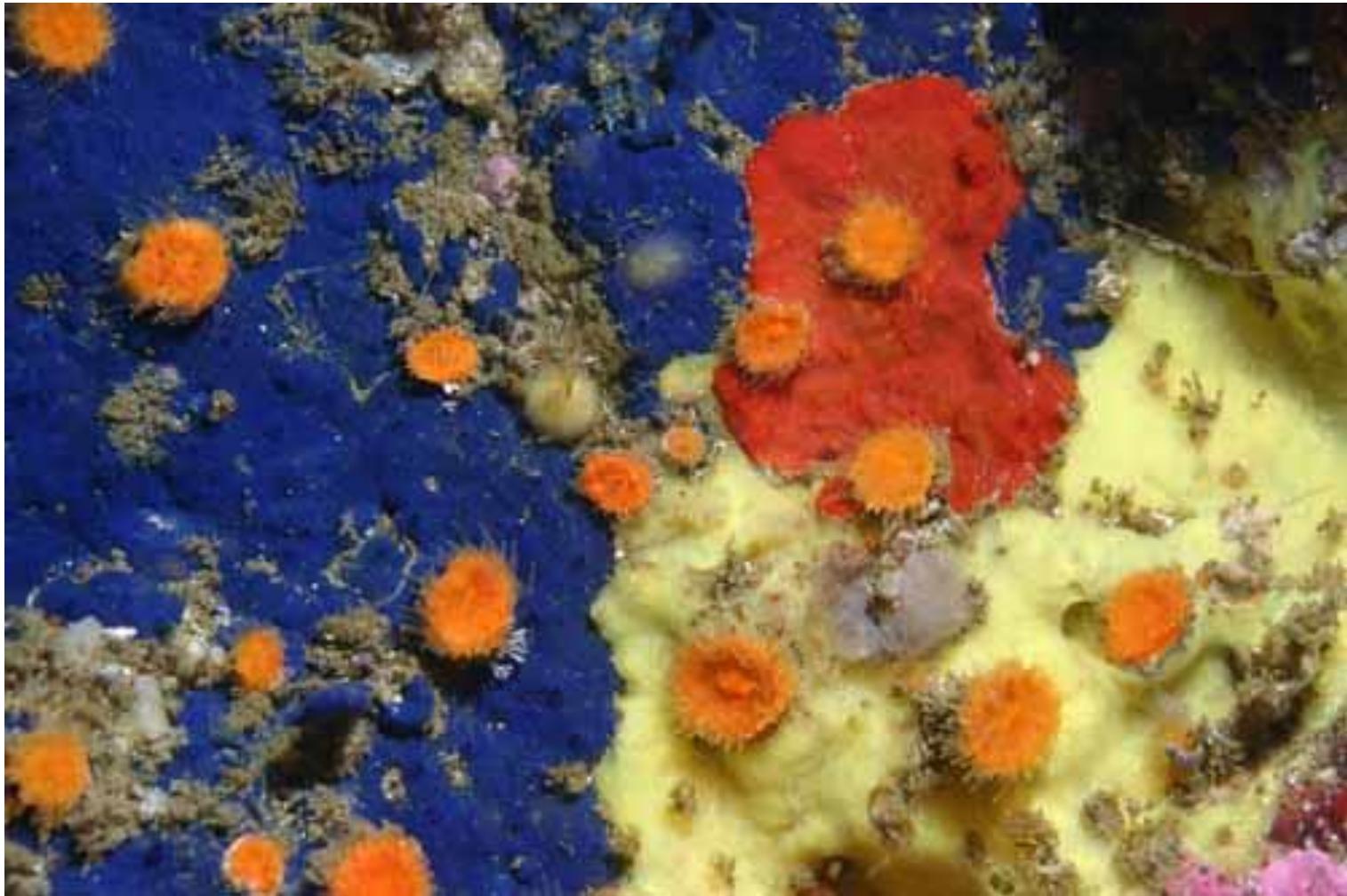
Haliclona permollis





Hymenamphista cyanocrypta

Blue Cobalt Sponge



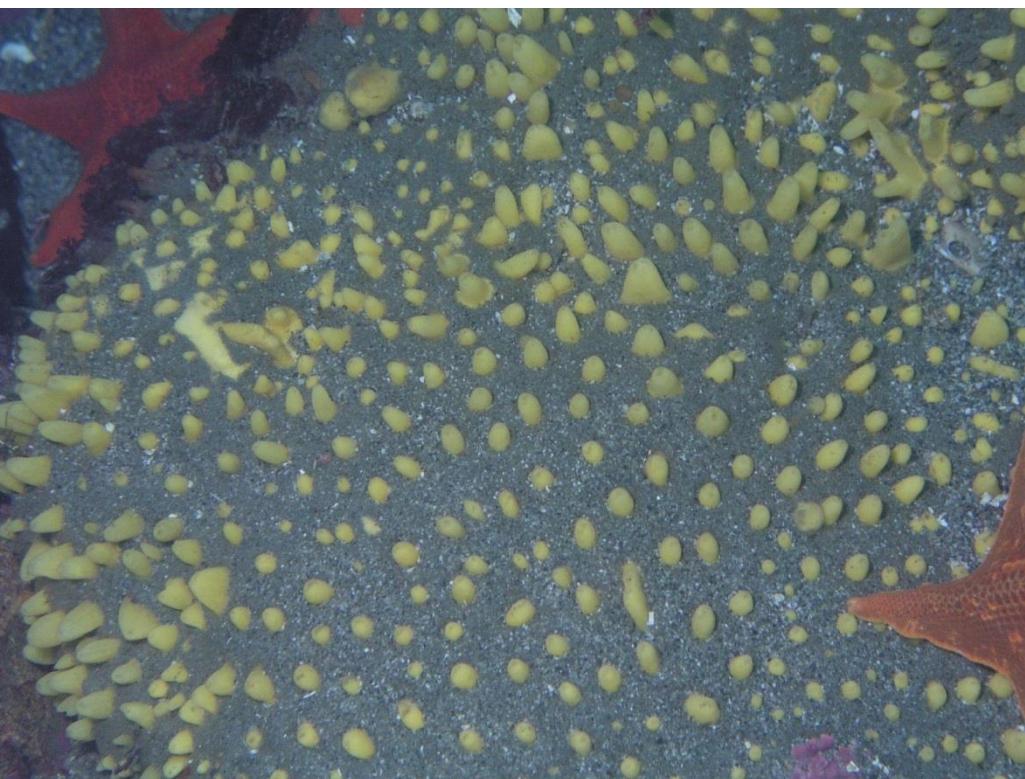
Currently *Acanthancora cyanocrypta*



Polymastia spp.

P. pacifica

Aggregated vase sponge



P. pachymastia

Aggregated nipple sponge



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Tethya aurantia

Orange Puffball Sponge



Currently *Tethya californiana*

Other Sponges

Spheciospongia confoederata
Moon Sponge



Leucilla nuttingi
Stalked vase sponge



Leucosolenia elanor
Lacy ball sponge



Plocamia karykina
Bright red sponge



Clathria pennata
Flat, encrusting, velvet texture



Leucandra losangelensis
Noodle sponge



Anthopleura spp.

A. xanthogrammica



A. sola
Green anemone



A. Artemisia
Moonglow anemone



A. elegantissima
Aggregating anemone





Astrangia lajollaensis

Aggregating Cup Coral



Currently *Astrangia haimei*



Balanophyllia elegans

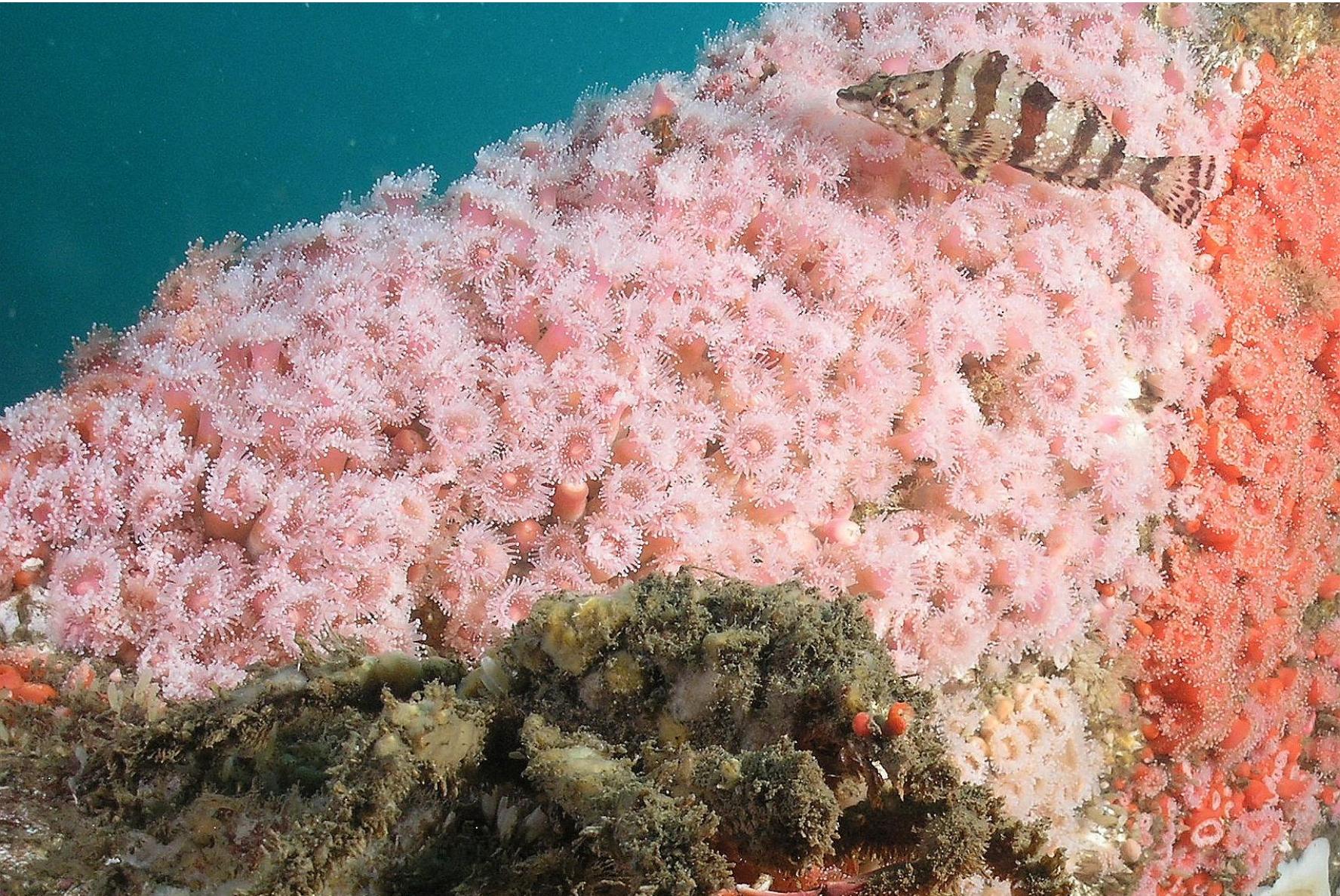
Orange Cup Coral





Corynactis californica

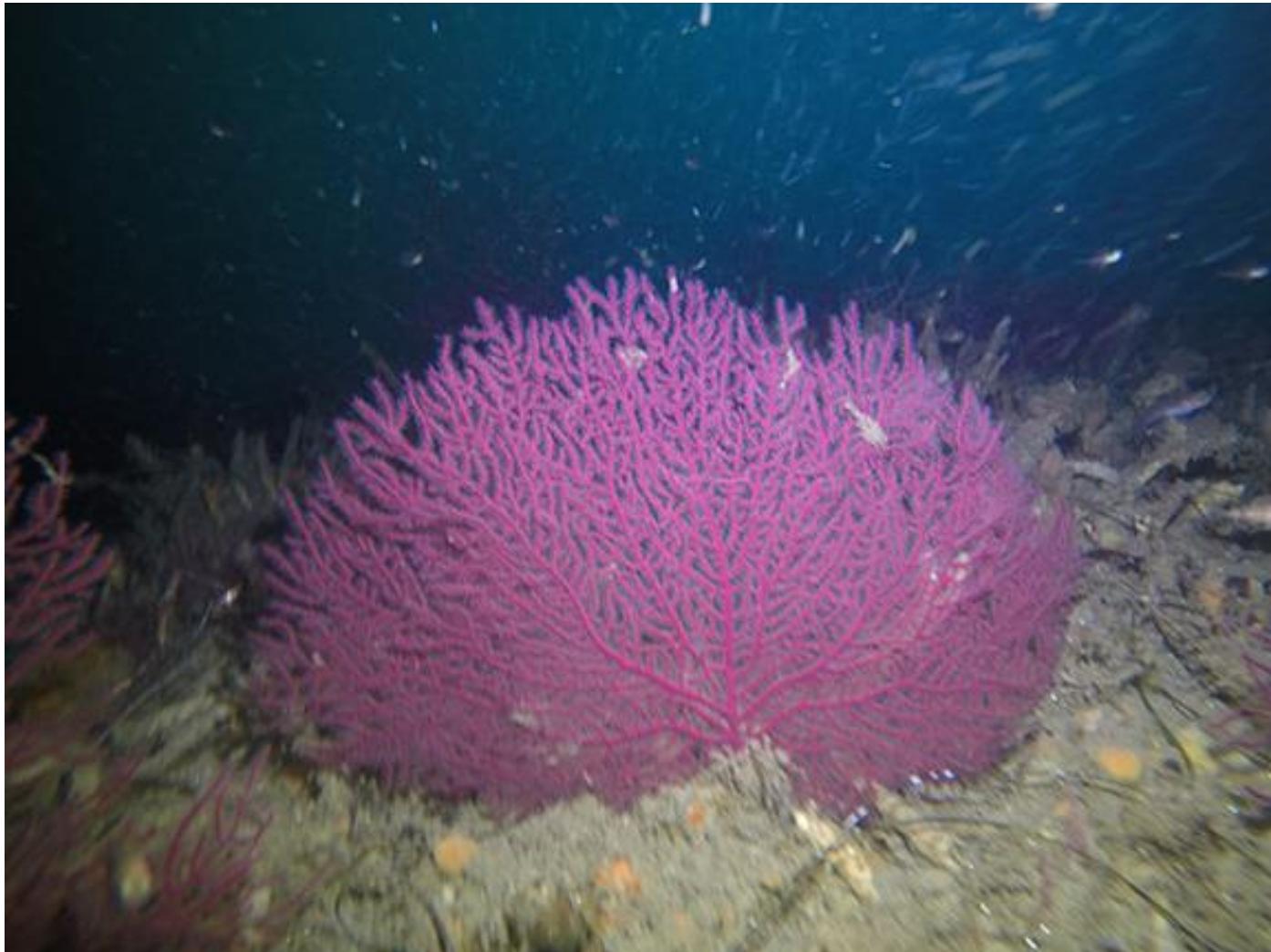
Club-Tipped Anemone





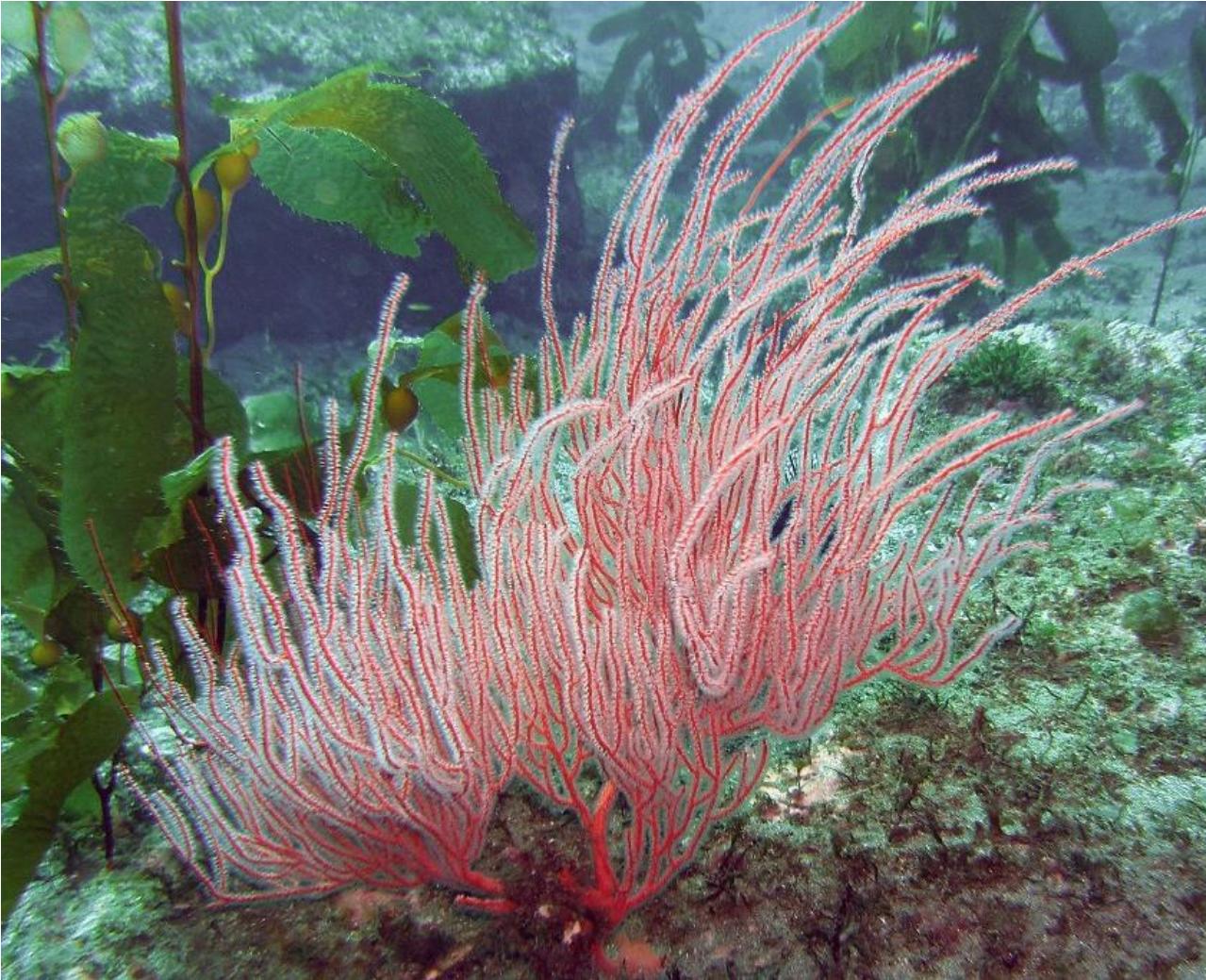
Eugorgia rubens

Purple Gorgonian



Lophogorgia chilensis

Red Gorgonian



Currently *Leptogorgia chilensis*



Metridium spp

Metridium senile

Short Plumose Anemone



Metridium farcimen

Giant Metridium





Muricea californica

California Golden Gorgonian





Muricea fruticosa

Brown Gorgonian





Sagartia/Cactosoma spp.





Urticina lofotensis

White-Spotted Rose Anemone



Currently *Urticina eques*



Urticina spp.

Urticina piscivora
Fish Eating Anemone



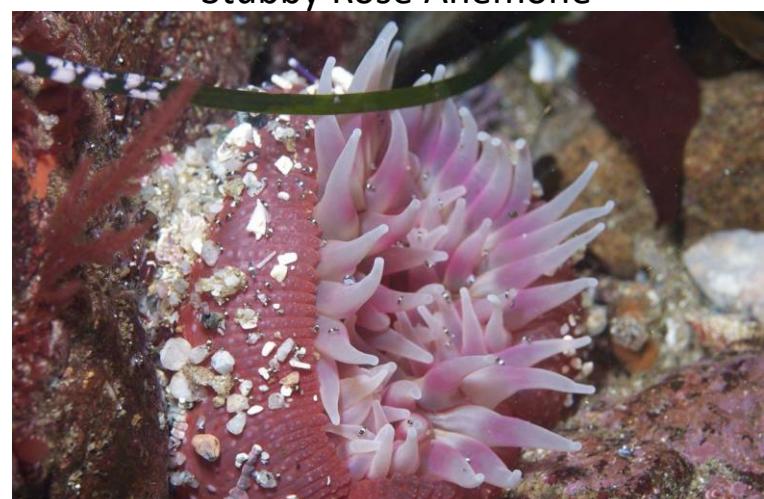
Urticina columbiana
Sand-Rose Anemone



Urticina crassicornis
Painted Anemone



Urticina coriacea
Stubby Rose Anemone





Hydroids spp.

Aglaophenia spp.

Ostrich-Plume Hydroid



Plumularia spp.

Plume Hydroid



Abietinaria spp.

Coarse Sea Fir Hydroid



Obelia spp.

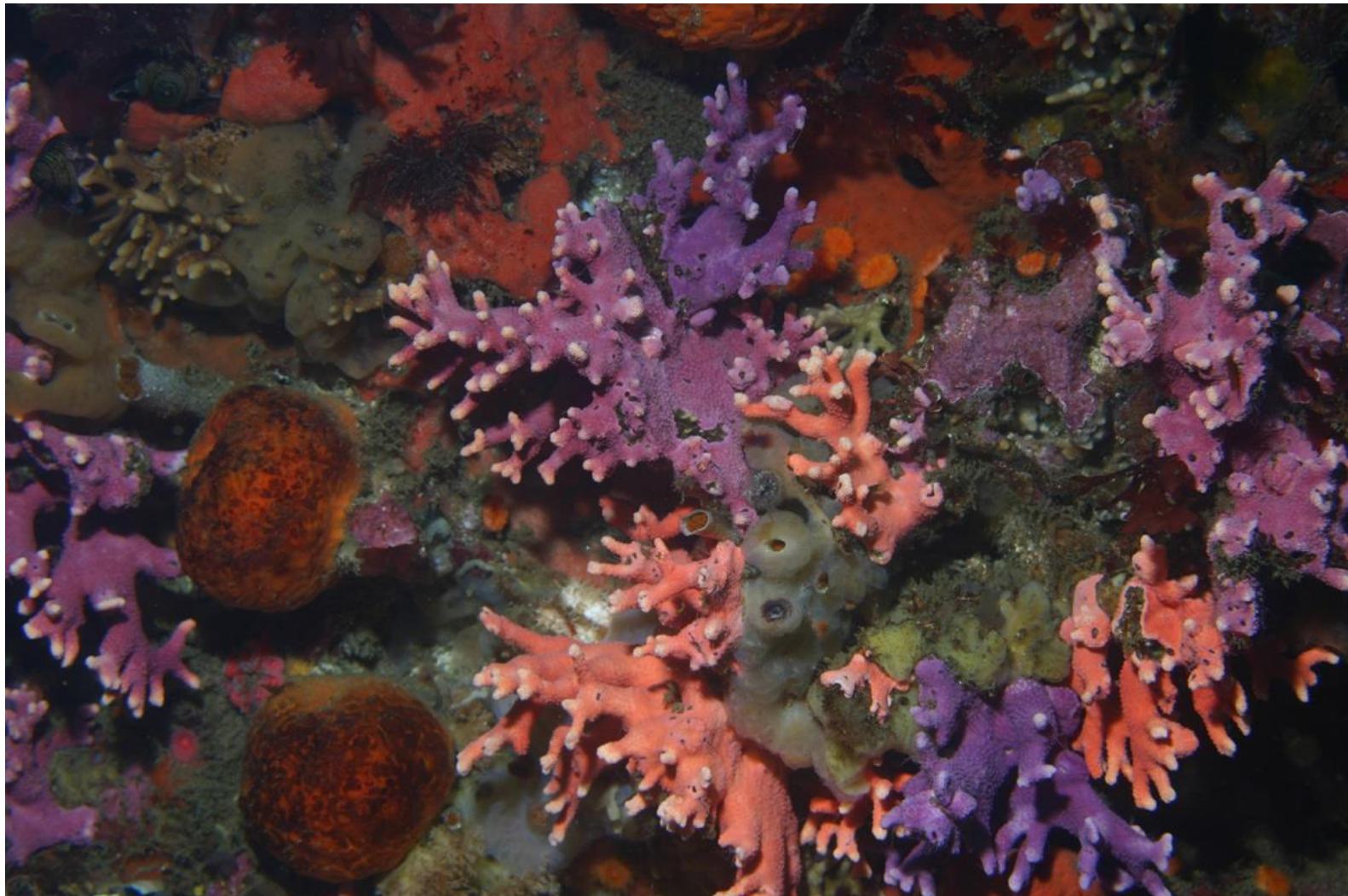
Wine-Glass Hydroid





Stylaster californicus

California Hydrocoral



Chaetopterus sp.

Parchment Tube Worm





Diopatra ornata

Ornate Tube Worm



Dodecaceria spp.

D. fewkesi

Colonial Tube Worm



D. concharum

Colonial Tube Worm





Phragmatopoma californica

Colonial Sand Tube Worm



Salmacina tribranchiata

Fragile Tube Worm





Spirobranchus spinosus

Christmas Tree Worm



Balanus spp.

Balanus nubilus

Giant acorn barnacle



Balanus spp.

Acorn barnacles





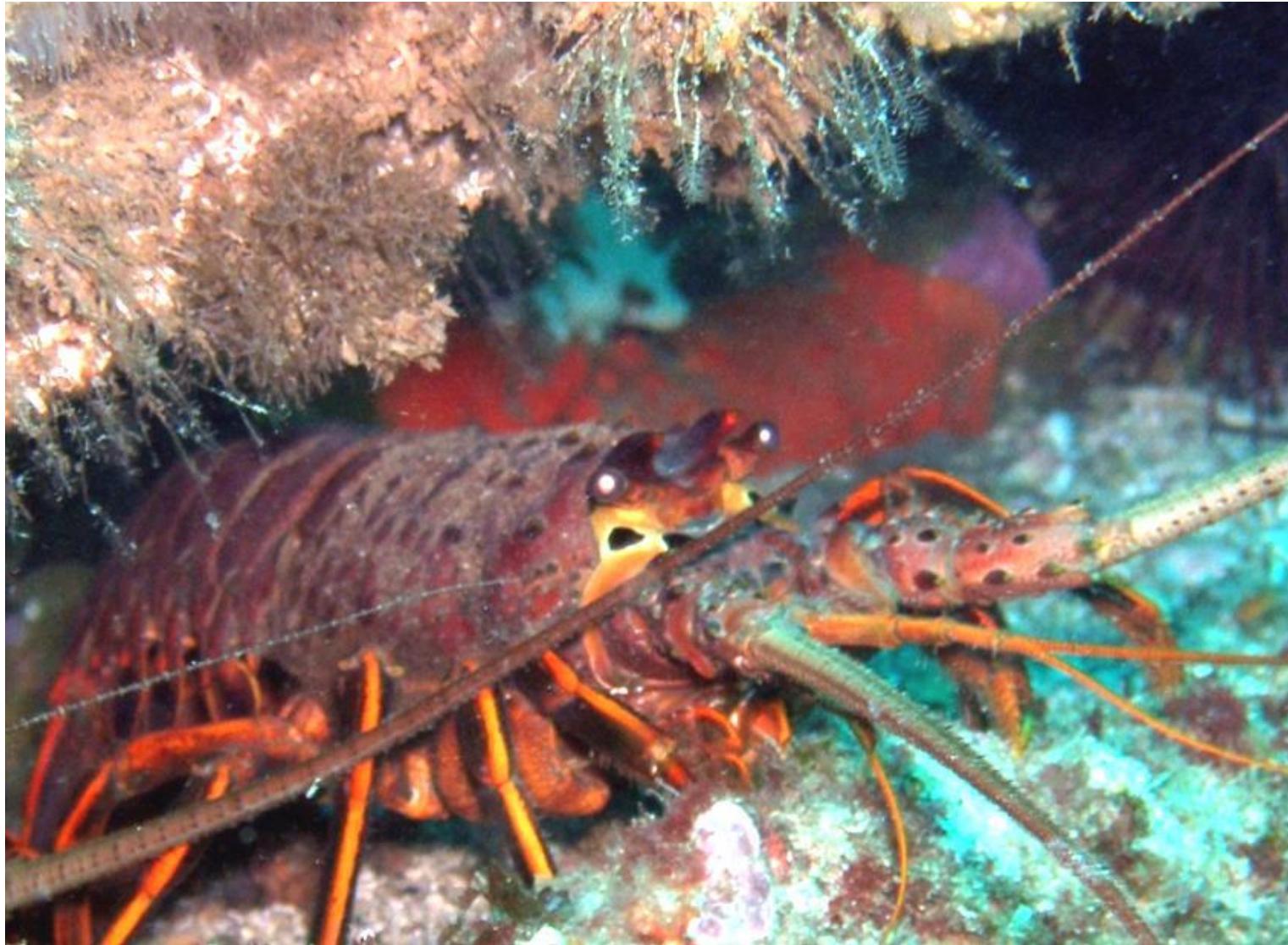
Cancer spp.





Panulirus interruptus

California Spiny Lobster





Bugula spp.

Bugula neritina



Invasive species

Bugula californica
Spiral Bryozoan



Currently *Bugulina californica*



Costazia costazii



Currently *Celleporina costazii*
Possibly *Celleporina robertsoniae*





Watersipora spp.

W. subtorquata



Colonies can be erect and leaf-like, with extensive overlapping calcareous crusts and curled edges. Usually red. Invasive species.

W. subatra

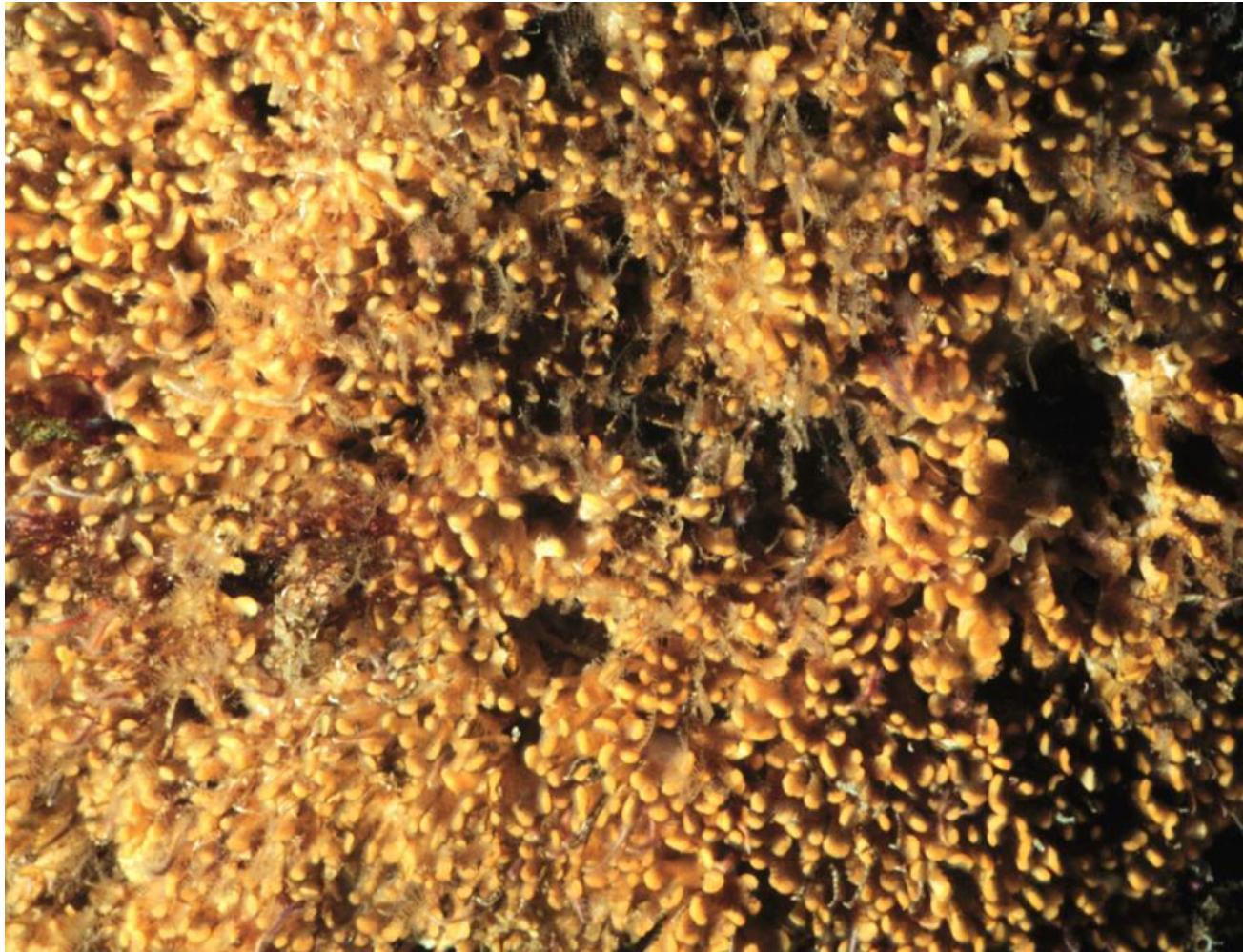


Encrusting base with convoluted dark red sheets. Zooecia have large, black opercula. Dead portions are grey. Invasive species.



Diaperocoecia californica

Southern Staghorn Bryozoan



Currently *Diaperoforma californica*

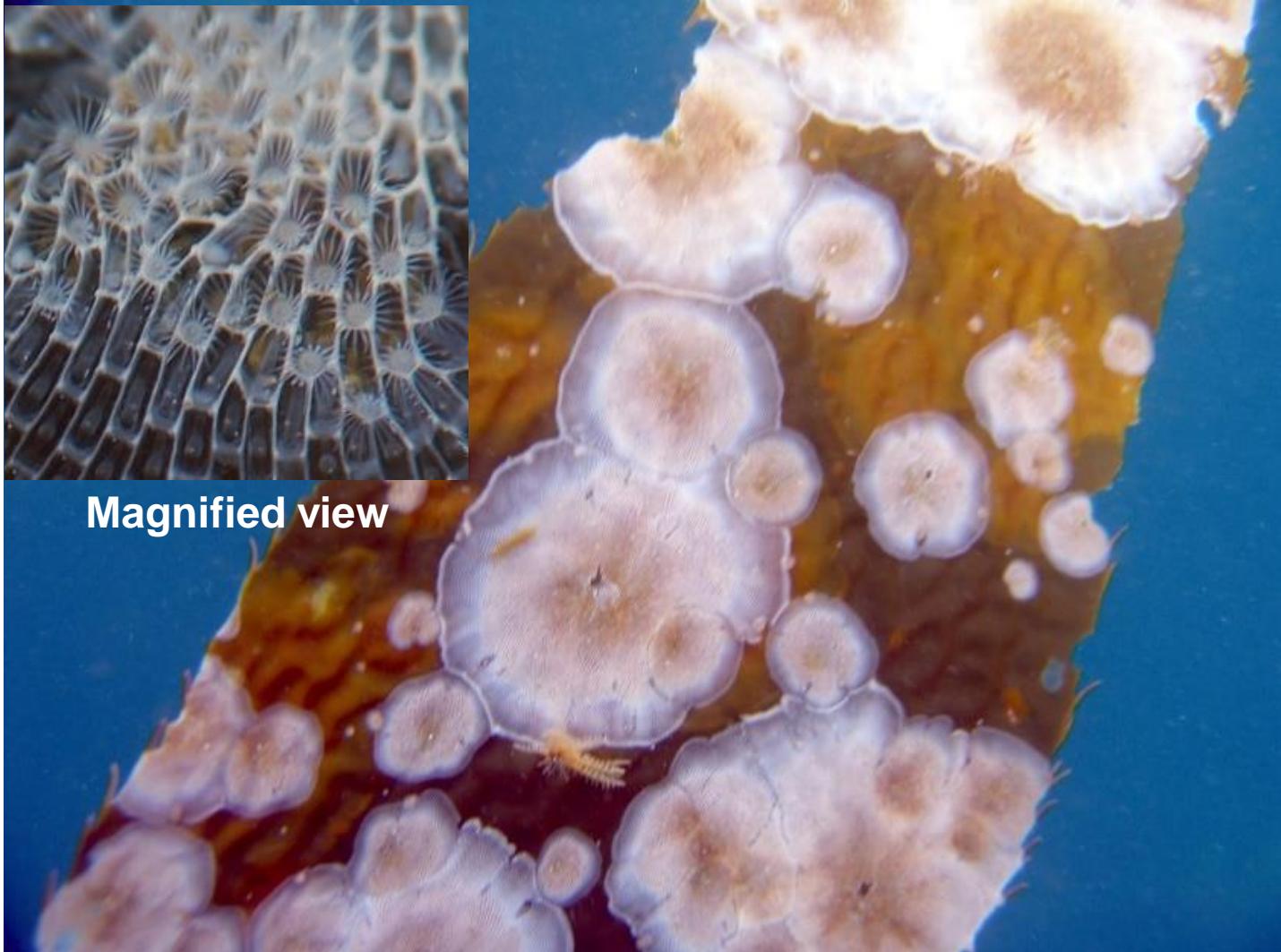


Membranipora spp.

Membranipora villosa
Kelp lace bryozoan



Magnified view



Other Bryozoans



Thalamoporella californica



Heteropora pacifica
Northern staghorn bryozoan



Celleporella sp.
On red algae



Hippolina mexicana
Southern fluted bryozoan



Phidolopora labiata
Lattice-Work bryozoan



Disporella separata
Purple bryozoan



Tunicates

Pycnoclavella stanleyi

Yellow social tunicate



Clavelina huntsmani

Light bulb tunicate



Aplidium solidum

Red ascidian



Archidistoma psammion

Sand Tunicate



Cystodes lobatus

Lobed tunicate, tan, white, cream, pink



Aplidium sp

Sheet like, no lobes





Styela montereyensis

Stalked Tunicate



Miscellaneous Invertebrates

Chaceia ovoidea

Wart-Neck Piddock



Pista elongata

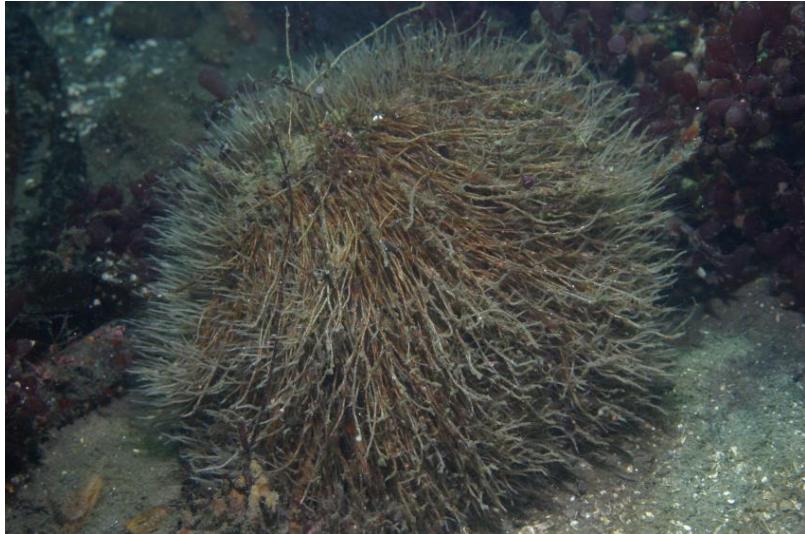


Also includes:

Gorgonians
Barnacles
Hydroids
Anemones
Hydrocoral
Scallops
Tube worms

Phyllochaetopterus prolifica

Tube Mat



Eudistyla polymorpha
Feather Duster Worm





Aplysia californica

California Brown Sea Hare





Bursa californica

California Frog Shell



Note *Kelletia kelletii* on left and *Bursa californica* on right

Currently *Crossata californica*



Crassadoma gigantea

Rock Scallop





Cryptochiton stelleri

Gumboot Chiton





Cypraea spadicea

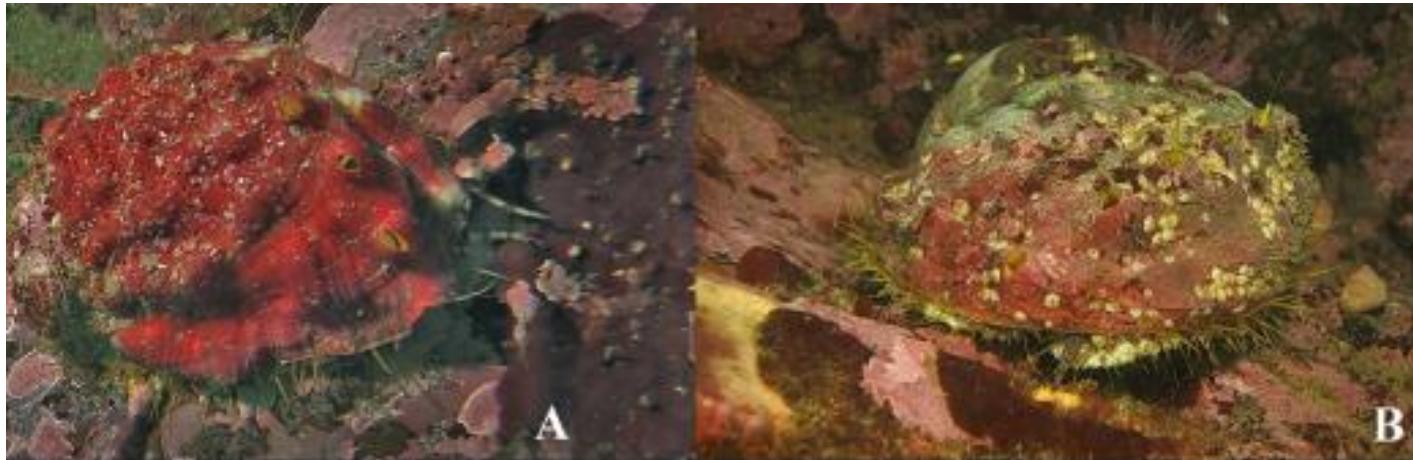
Chestnut Cowry



Currently *Neobernaya spadicea*

Haliotis kamtschatkana (assimilis)

Threaded Abalone





Haliotis corrugata

Pink Abalone





Haliotis fulgens

Green Abalone





Haliotis rufescens

Red Abalone





Haliotis sorenseni

White Abalone





Kelletia kelletii

Kellet's Whelk





Lithopoma gibberosa

Red Turban Snail



Currently *Pomaulax gibberosus*



Megastraea undosa

Wavy Turban Snail





Megathura crenulata

Giant Keyhole Limpet



Octopus spp.

O. bimaculatus

Two Spot Octopus



Enteroctopus dofleini

Giant Pacific Octopus



O. rubescens

East Pacific red octopus





Serpulorbis squamigerus

Scaled Worm Snail



Curnnelty *Thylacodes squamigerus*



Tegula regina

Queen Tegula

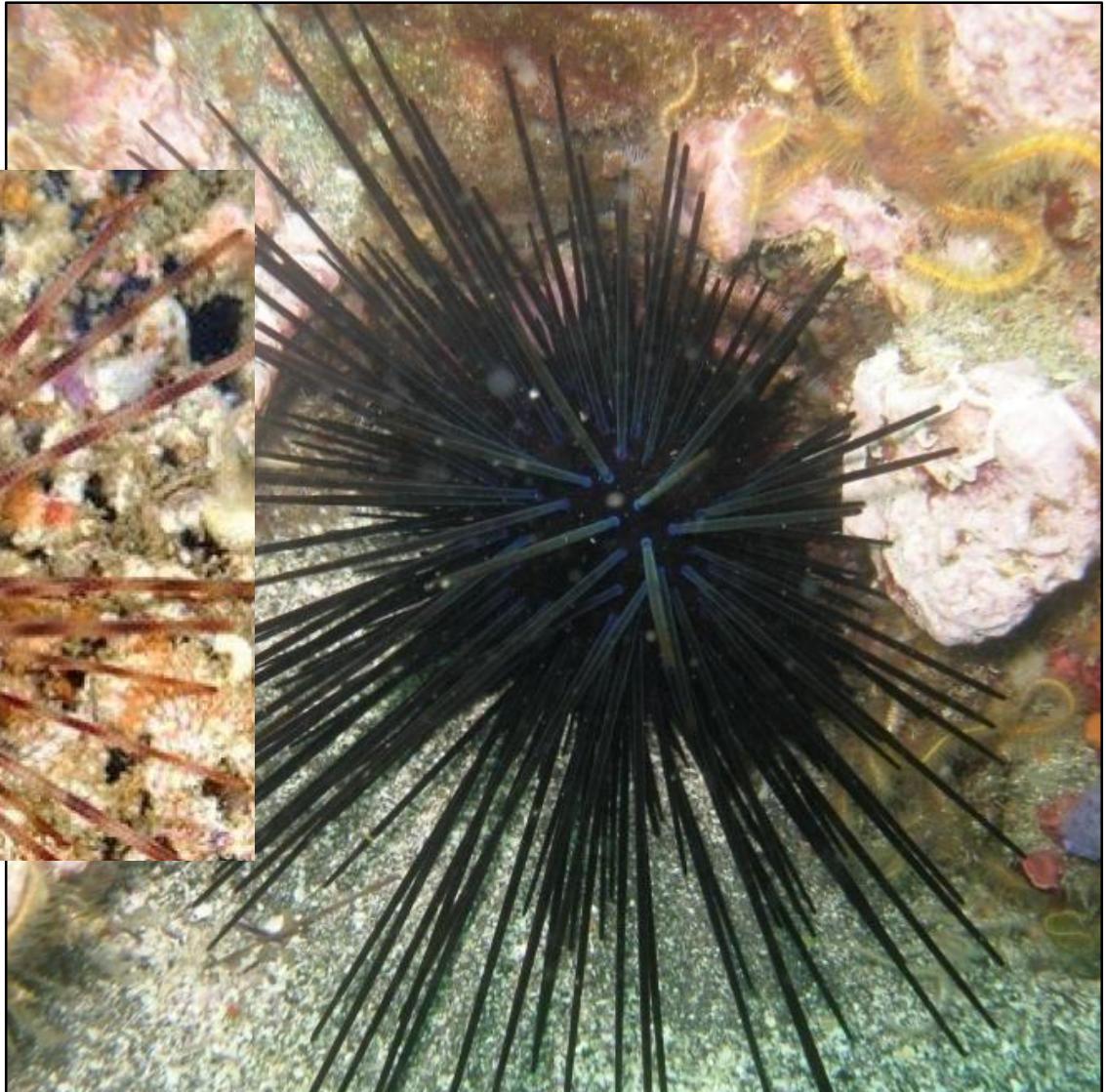




Centrostephanus coronatus

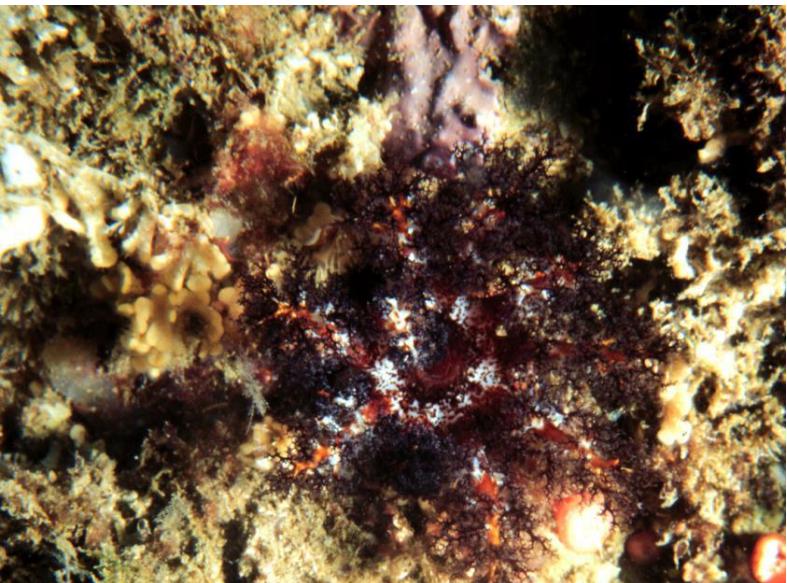
Coronado sea urchin aka crowned sea urchin

Juvenile



Cucumaria spp.

C. salma



C. miniata

Red Sea Cucumber



C. piperata

Salt and Pepper Cucumber





Dermasterias imbricata

Leather Star





Linckia sp.

Linckia columbiae

Fragile Star





Lytechinus anamesus

White Sea Urchin

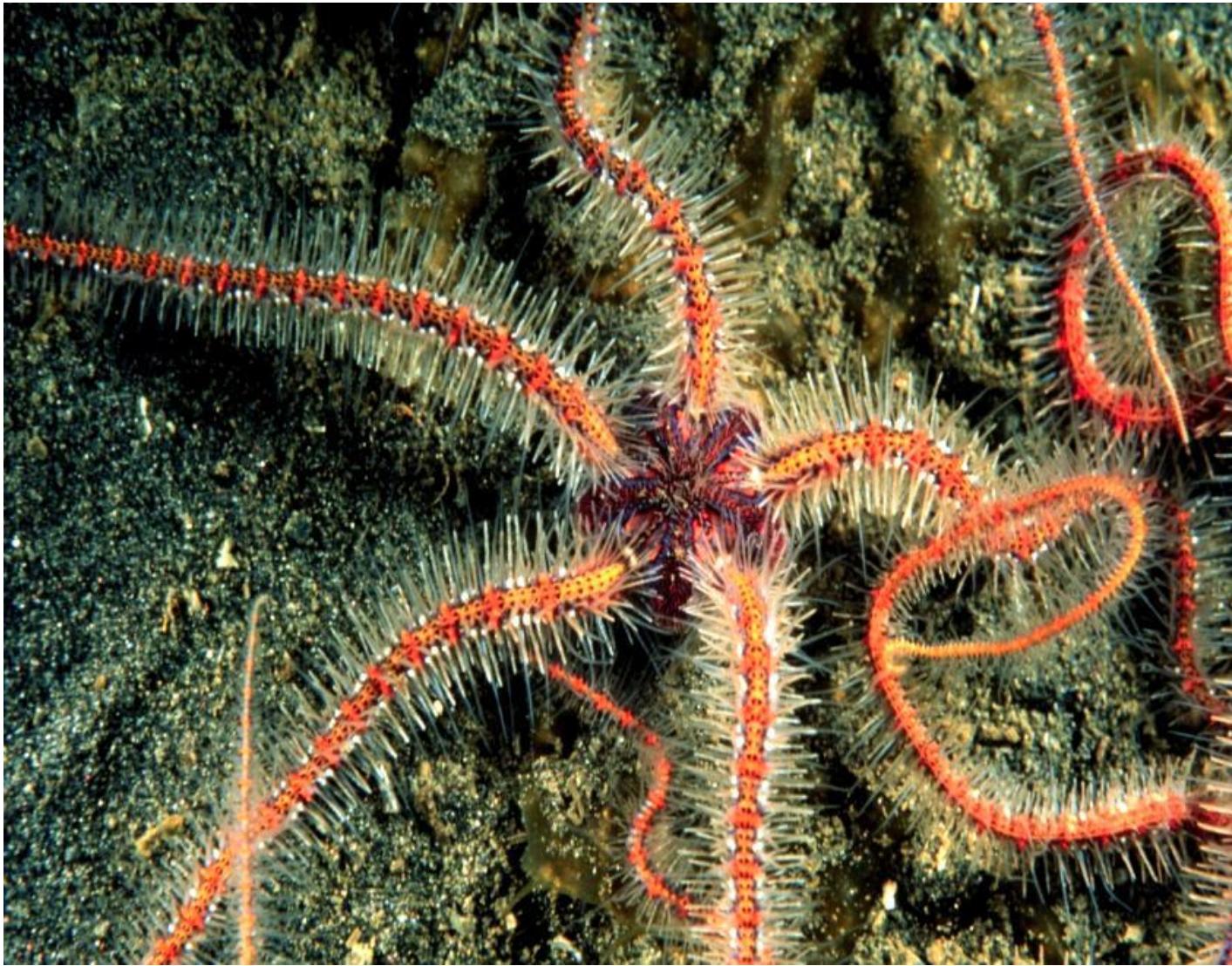


Currently *Lytechinus pictus*



Ophiothrix spiculata

Spiny Brittle Star





Pachythylene rubra



Parastichopus californicus

California Sea Cucumber



Currently *Apostichopus californicus*

Parastichopus parvimensis

Warty Sea Cucumber



Currently *Apostichopus parvimensis*



Patiria miniata

Bat Star





Pisaster giganteus

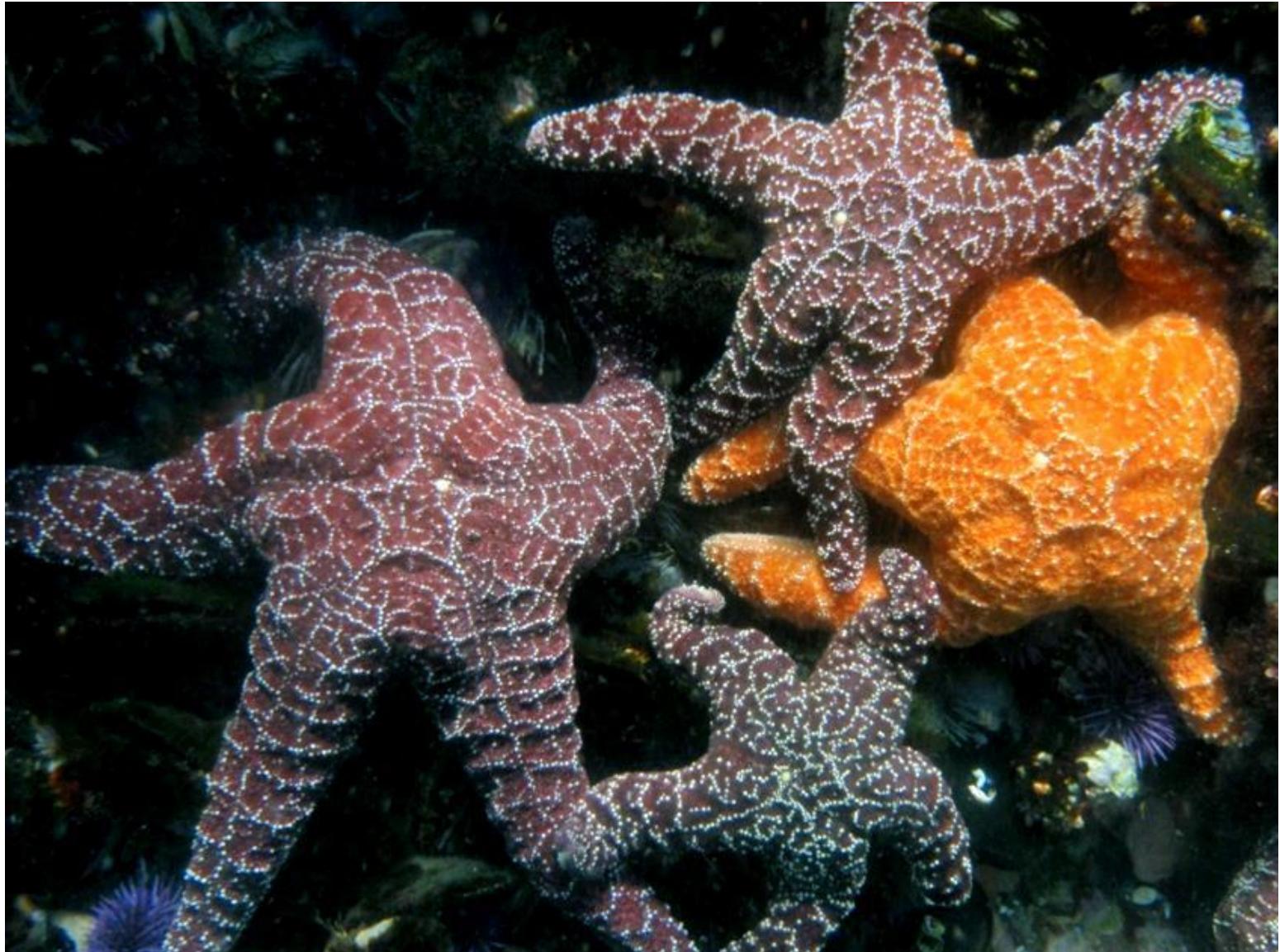
Giant Spined Sea Star





Pisaster ochraceus

Ochre Sea Star





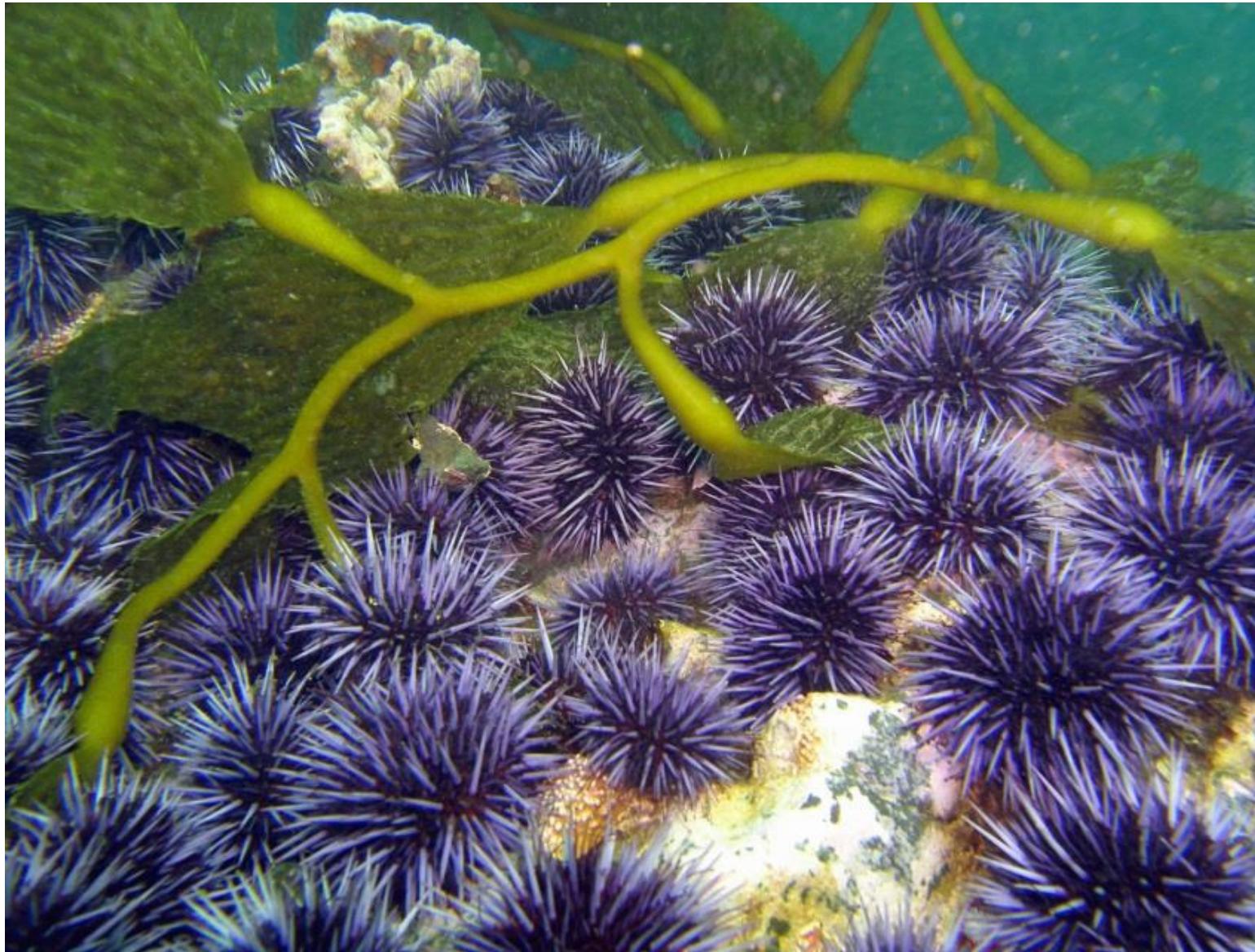
Pycnopodia helianthoides

Sunflower Sea Star



Strongylocentrotus purpuratus

Purple Sea Urchin





Strongylocentrotus franciscanus

Red Sea Urchin



Currently *Mesocentrotus franciscanus*



Lythrypnus dalli

Blue Banded Goby





Coryphopterus nicholsii

Black Eyed Goby



Currently *Rhinogobiops nicholsii*

Alloclinus holderi

Island Kelpfish

