

# Marine Inventory Cortes Island

## **KINGDOM PLANTAE (55)**

### **Phylum MAGNOLIOPHYTA – seaweeds & seagrasses (03)**

*Salicornia depressa* - annual sea asparagus

*Zostera marina* - eelgrass

*Zostera japonica* - dwarf eelgrass

### **Phylum CHLOROPHYTA – green algae (09)**

*Prasiola meridionalis* - short sea lettuce

*Lola lubrica* – green fish line

*Cladophora* sp. - sea moss

*Ulva intestinalis* - cornrow sea lettuce

*Ulva linza* - flat tube sea lettuce

*Ulva* spp. - sea lettuces

*Acrosiphonia* sp. - green rope

*Codium fragile* - sea staghorn

*Codium setchellii* - spongy cushion

### **Phylum TRIBOPHYTA – yellow-green algae (01)**

*Vaucheria* spp. – black felt mat

### **Phylum RHODOPHYTA - red algae (42)**

*Pyropia* spp. / *Porphyra* spp. – red laver & nori

*Nemalion helminthoides* -rubber threads

*Hildenbrandia* spp. - red rock crusts

*Caulacanthus* sp. – red tuft

*Mastocarpus jardinii* - bushy Turkish washcloth

*Mastocarpus papillatus* - Turkish washcloth

*Neorhodomela larix* - black pine

*Cryptosiphonia woodii* - dark branching-tube seaweed

*Microcladia borealis* - coarse sea lace

*Halosaccion glandiforme* - sea sacs

*Polysiphonia* spp. / *Pterosiphonia* spp. & other undetermined genera - filamentous red seaweeds

*Prionitis lanceolata*– narrow iodine seaweed

*Prionitis lyallii* - broad iodine seaweed

*Plocamium cartilagineum* subsp. *pacificum* – sea braid

*Lithothamnion* spp. / *Clathromorphum* spp. & other undetermined genera - crustose corallines

*Melobesia mediocris* - surfgrass coralline seaweed

*Calliarthron* spp. / *Bossiella* spp. / *Corallina* spp. / *Serraticardia* sp. & other undetermined articulated corallines

*Corallina vancouverensis* - graceful coralline

Undetermined bladed red algae; several genera & species

*Palmaria callophyllloides* - callophyllis-like dulse

*Ceramium pacificum* - hairy pottery seaweed

*Callophyllis* spp. - beautiful leaf seaweeds

*Chondracanthus exasperatus* - turkish towel

*Mazzaella splendens* - iridescent seaweed

*Gelidium* sp. - gel weed

*Microcladia coulteri* - delicate sea lace  
*Hymenena* spp./*Cryptopleura* spp. – black-lined red seaweeds  
*Erythrophyllum delesserioides* - red sea leaf  
*Gastroclonium subarticulatum* - sea belly  
*Gracilaria* spp./*Gracilariopsis* spp. - red spaghetti  
*Odonthalia* spp. - sea brushes  
*Osmundea spectabilis* - sea laurel  
*Sarcodiotheca gaudichaudii* - succulent seaweed  
*Smithora naiadum* - red fringe  
*Porphyra gardneri* - kelp-fringing laver  
*Polyneura latissima* - network red seaweed  
*Constantinea subulifera* - giant cup and saucer seaweed  
*Delesseria decipiens* - winged rib  
*Pyropia nereocystis* – bull-kelp nori  
*Gymnogongrus chiton* - thin forked seaweed  
*Opuntiella californica* – prickly pear seaweed\*  
*Sarcodiotheca furcata* – furcated fleshy red seaweed

## **KINGDOM CHROMISTA (20)**

### **Phylum OCHROPHYTA – brown algae (20)**

Colonial diatoms – undetermined species  
*Ectocarpus* spp. & other undetermined filamentous brown algae  
*Fucus* sp. - skinny rockweed  
*Fucus distichus*- rockweed  
*Leathesia difformis/marina* - sea cauliflower  
*Colpomenia peregrina* - round brown bag  
*Analipus japonicus* - fir needle  
*Scytosiphon lomentaria* - whip tube  
*Saccharina sessilis* – sea cabbage\*  
*Egregia menziesii* - feather boa kelp  
*Ralfsia* spp. – fungiform tar spot algae  
*Alaria marginata* - broad winged kelp  
*Cymathere triplicata*- three-ribbed kelp  
*Saccharina latissima* - sugar wrack kelp  
*Sargassum muticum* – wireweed  
*Desmarestia aculeata* – wiry acid weed  
*Desmarestia ligulata* - broad acid weed  
*Macrocystis integrifolia/pyrifera*- small giant kelp  
*Nereocystis luetkeana* - bull kelp  
*Neo/Agarum fimbriatum* - fringed sea colander kelp

## **KINGDOM ANIMALIA (438)**

### **Phylum PORIFERA (20)**

#### **Class CALCAREA - calcareous sponges (03)**

*Leucilla nuttingi* – stalked vase sponge\*  
*Leucandra heathi* – bristly vase sponge\*  
*Leucosolenia eleanor* - lacy ball sponge

## **Class HEXACTINELLIDAE - siliceous sponges (01)**

*Rhabdocalyptus dawsoni* - sharp lipped boot sponge

## **Class DEMOSPONGIDAE - demosponges (16)**

*Craniella villosa* - tennis ball sponge

*Polymastia* sp. - aggregated nipple sponge

*Cliona californiana* - yellow boring sponge

*Suberites domuncula* forma *latus* - hermit crab sponge

*Suberites montiniger/concinnus* - peach ball sponge\*

*Neoesperiopsis/Isodictya rigida* - orange finger sponge

*Myxilla* sp. – sulphur sponge

*Halichondria bowerbankia* - bowerbank's crumb of bread sponge

*Halichondria panicea* - yellow-green encrusting sponge

*Adocia* sp. – pale orange carpet sponge\*

*Haliclona* ? *permollis* - purple intertidal sponge

*Hamigera* sp. - orange cratered encrusting sponge

*Aplysilla* sp. – slippery rose sponge\*

*Ophlitaspongia/Clathria pennata* - velvety red sponges

*Myxilla incrustans* - rough scallop sponge

*Penares cortius* – spotted gray sponge\*

## **Phylum CNIDARIA (44)**

### **Class ANTHOZOA (17)**

*Metridium senile* - short plumose anemone

*Metridium farcimen* - giant plumose anemone

*Cribrinopsis fernaldi* - crimson anemone

*Urticina crassicornis/grebelnyi* - painted anemone

*Urticina lofotensis* - white spotted rose anemone

*Urticina piscivora* - rose anemone

*Urticina coriacea/clandestina* - stubby rose anemone

*Stomphia didemon* - swimming anemone

*Stomphia coccinea* - spotted swimming anemone

*Anthopleura elegantissima* - pink-tipped anemone

*Anthopleura artemisia* - burrowing anemone

*Diadumene lineata* - orange-striped green anemone

*Pachycerianthus fimbriatus* - tube-dwelling anemone

*Epizoanthus scotinus* - orange zoanthid

*Balanophyllia elegans* - orange cup coral

*Ptilosarcus gurneyi* - orange sea pen

*Virgularia* sp. – white sea pen\*

### **Class HYDROZOA (23)**

*Aglaophenia* spp. - ostrich-plume hydroids

*Abietinaria* spp. - coarse sea fir hydroids

*Thuiaria* spp. - embedded sea fir hydroids

*Sertularella* spp./*Sertularia* spp. – garland hydroids

*Selaginopsis* sp. – fish-bone hydroid\*

*Rhizocaulus verticillatus* – horse-tail hydroid

*Plumularia setacea* – glassy plume hydroid\*

*Plumularia* sp. – delicate plume hydroid\*

*Obelia* spp. - wine-glass hydroids  
*Eudendrium californicum* - brown bushy hydroid  
*Hydractinia* sp. - barnacle fur hydroid  
*Ectopleura crocea* - bushy pink-mouth hydroid  
*Ectopleura marina* – solitary pink-mouth hydroid\*  
*Tubularia indivisa* - giant pink-mouth hydroid  
*SimiliClava* sp. - white hydroid  
*Lafoea dumosa* - muff hydroid  
*Grammaria* spp. - spindly embedded hydroids  
*Halecium beani* - candelabrum hydroid  
*Aequorea* spp. - water jellies  
*Mitrocoma cellularia* - cross jellyfish  
*Polyorchis penicillatus* - red-eye medusa  
*Clytia gregarium* – gregarious jellyfish  
*Nanomia bijuga* - tailed jelly

### **Class SCYPHOZOA - true jellyfish (04)**

*Cyanea capillata* - lion's mane  
*Phacellophora camtschatica* - fried egg jellyfish  
*Chrysaora fuscescens* - sea nettle  
*Aurelia labiata*- moon jelly

### **Phylum CTENOPHORA – comb jellies (04)**

*Pleurobrachia bachei* - sea gooseberry  
*Bolinopsis infundibulum* - lobed sea gooseberry  
*Leucothea pulchra* – orange-tipped sea gooseberry\*  
*Beroe* spp. - translucent comb jellies

### **Phylum PLATYHELMINTHES – flatworms (03)**

*Kaburakia excelsa* - giant flatworm  
*Notocomplana* spp. - intertidal flatworms  
*Pseudostylochus ostreophagus* - bivalve flatworm

### **Phylum NEMERTEA – ribbon worms (06)**

*Emplectonema gracile* - green ribbon worm  
*Micrura verrilli* - purple ribbon worm  
*Amphiporus bimaculatus* - chevron ribbon worm  
*Paranemertes peregrina* - mud nemertean  
*Tubulanus sexlineatus* – six-lined ribbon worm\*  
*Tubulanus polymorphus* - orange ribbon worm

### **Phylum CHAETOGNATHA – arrow worms (01)**

*Sagitta elegans* - arrow worm

### **Phylum ANNELIDA – segmented worms (26)**

*Axiothella rubrocincta* - red-banded bamboo-worm  
*Notomastus tenuis* - thread slugworm  
*Abarenicola pacifica* - pacific Neapolitan lugworm  
*Ophiodromus pugettensis* – bat star commensal worm^  
*Halosydna brevisetosa* - eighteen-scaled worm  
*Harmothoe imbricata* - fifteen-scaled worm  
*Arctonoe vittata* – red-banded commensal scaleworm  
*Arctonoe pulchra* – red commensal scaleworm  
*Aphrodita negligens* - dishevelled sea-mouse  
*Nereis vexillosa* - banner sea-nymph  
*Nereis brandti* - giant piling sea-nymph  
*Apomatus* spp. – pearl-topped calcareous tubeworms\*  
*Protula pacifica* - white-crown calcareous tubeworm  
*Serpula columbiana* - red-trumpet calcareous tubeworm  
*Salmacina tribranchiata* - three-branch calcareous tubeworm  
*Pileolaria* spp. - dwarf calcareous tubeworms  
*Dodecaceria concharum* - coralline-encased filament-worm  
*Dodecaceria fewkesi* - fringed filament-worm  
*Parasabella media* - parasol feather-duster  
*Eudistylia vancouveri* - Vancouver feather-duster  
*Myxicola infundibulum* - slime-tube feather-duster  
*AcroMegalomma* sp. – twin-eyed feather duster\*  
*Pectinaria/Cistenides granulata* - tusk coneworm (shell only)  
*Eupolymnia heterobranchia* – brown intertidal spaghetti-worm  
*Thelepus* sp. - curly-head spaghetti-worm  
*Spiochaetopterus costarum* - jointed three-section tubeworm

## Phylum PHORONIDA (01)

*Phoronis ijimai* - white colonial phoronid

## Phylum BRYOZOA (13)

*Membranipora* spp. - kelp-encrusting bryozoan  
*Schizoporella unicornis* - orange encrusting bryozoan  
*Bugula californica* - spiral bryozoan  
*Caulibugula californica* – parasol bryozoan\*  
*Dendrobeania murrayana* - fan bryozoan  
*Dendrobeania lichenooides* - leaf crust bryozoan  
*Crisia* spp. - white tuft bryozoans  
*Cellaria diffusa* – spindly rabbit-ear bryozoan\*  
*Microporina borealis/articulata* – stick bryozoan\*  
*Heteropora pacifica* - northern staghorn bryozoan  
*Heteropora alaskensis* - delicate staghorn bryozoan  
*Diaperoecia/Diaperoforme californica* – southern staghorn bryozoan\*  
*Hippodiplosia/Primavelans insculpta* - fluted bryozoan

## Phylum BRACHIOPODA (01)

*Terebratalia transversa* - transverse lamp shell

## Phylum MOLLUSCA (118)

### Class POLYPLACOPHORA - chitons (12)

*Tonicella lineata* - lined chiton  
*Tonicella undocaerulea* - blue-line chiton  
*Tonicella insignis* – white-line chiton\*  
*Mopalia lignosa* - woody chiton  
*Mopalia muscosa* - mossy chiton  
*Mopalia kennerleyi* - northern hairy chiton  
*Mopalia swani* - Swan's mopalia  
*Mopalia spectabilis* - red-flecked mopalia  
*Lepidozona mertensi* - merten's chiton  
*Lepidozona trifida* - -three-rib chiton\*  
*Lepidozona cooperi* - Cooper's chiton  
*Cryptochiton stelleri* - giant pacific chiton

### Class BIVALVIA – mussels, clams, scallops, oysters (32)

*Mytilus trossulus* - Pacific blue mussel  
*Mytilus galloprovincialis* – Mediterranean blue mussel^  
*Modiolus modiolus* - northern horse mussel  
*Chlamys hastata* - spiny pink scallop  
*Chlamys rubida* – smooth pink scallop\*  
*Crassadoma gigantea* - giant rock scallop  
*Crassostrea gigas* - Pacific oyster  
*Ostrea edulis* – European flat oyster  
*Ostrea conchaphila* - Olympia oyster  
*Pododesmus macrochisma* - green false-jingle  
*Diplodonta impolita* – rough diplodon^  
*Kellia suborbiculatus* – suborbicular kellycrab  
*Neaeromya rugifera* - mud shrimp clam  
*Glycymeris septentrionalis* – western bittersweet\*  
*Clinocardium nuttallii* - Nuttall's cockle  
*Tresus capax* - fat gaper  
*Panopea abrupta* - Pacific geoduck  
*Macoma nasuta* - bent-nose macoma  
*Macoma inquinata* – pointed macoma  
*Macoma balthica* – Baltic macoma^  
*Macoma secta* – white-sand macoma^  
*Nuttallia obscurata* - purple mahogany-clam  
*Gari californica* – California sunsetclam  
*Saxidomus gigantea* - Washington butter clam  
*Protothaca staminea* = Pacific littleneck clam  
*Venerupis philippinarum* - Japanese littleneck clam  
*Humilaria kennerleyi* – Kennerley's venus\*  
*Nutricula lordi* – lord dwarf venus  
*Mya arenaria* - softshell-clam  
*Cryptomya californica* – California softshell clam^  
*Bankia setacea* - feathery shipworm  
*Entodesma navicula* - rock entodesma

### Class GASTROPODA – limpets, snails, nudibranchs (69)

*Tectura persona* – mask limpet

*Tectura scutum* - -plate limpet  
*Lottia pelta* -- shield limpet  
*Lottia digitalis* - ribbed limpet  
*Acmaea mitra* - whitecap limpet  
*Diodora aspera* - rough keyhole limpet  
*Cranopsis cucullata* - hooded puncturella  
*Crepidatella dorsata* – wrinkled slippersnail^  
*Haliotis kamtschatkana* - northern abalone  
*Nucella lamellosa* - wrinkled dogwinkle  
*Nucella osterina* - northern striped dogwinkle  
*Ceratostoma foliatum* - leafy hornmouth  
*Lirabuccinum dirum* - dire whelk  
*Amphissa columbiana* - wrinkled amphissa  
*Amphissa versicolor* – variegated amphissa^  
*PaciOcinebrina lurida* – lurid rocksnail\*  
*Littorina sitkana* - Sitka periwinkle  
*Littorina scutulata* - checkered periwinkle  
*Lacuna vincta* - wide lacuna  
*Alia carinata* – carinate dovesnail  
*Batillaria cumingi* - mudflat snail  
*Calliostoma ligatum* - blue topsnail  
*Calliostoma annulatum* - purple-ringed topsnail  
*Margarites pupillus* - puppet margarite  
*Neverita lewisii* - Lewis's moonsnail  
*Euspira draconis* – Drake's moonsnail (shell only)  
*Euspira pallida* – pale northern moonsnail  
*Cryptonatica aleutica* – Aleutian moonsnail\*  
*Cryptonatica affinis* – Arctic moonsnail^  
*Fusitriton oregonensis* - Oregon triton  
*Trichotrochopsis cancellata* - checkered hairysnail\*  
*Vermetus compactus* - northern compact wormsnailed  
*Haminoea vesicula* - white bubble shell  
*Gastropteron pacificum* – winged sea slug  
*Berthella californica* - California berthella  
*Clione limacina* - sea angel  
*Doris nobilis* - noble sea lemon  
*Diaulula lentiginosa* - freckled pale sea lemon  
*Doris montereyensis* - Monterey sea lemon  
*Doris odhneri* - white nudibranch  
*Geitodoris heathi* - Heath's dorid  
*Diaulula odonoghuei* - leopard dorid  
*Cadlina luteomarginata* - yellow-rimmed nudibranch  
*Acanthodoris hudsoni* - Hudson's dorid  
*Acanthodoris nanaimoensis* - Nanaimo nudibranch  
*Acanthodoris lutea* – sandalwood dorid  
*Adalaria* spp. – white adalarias\*  
*Onchidoris bilamellata* - barnacle-eating nudibranch  
*Doridella steinbergi* - cryptic nudibranch  
*Rostanga pulchra* - red sponge nudibranch  
*Aldisa cooperi* - Cooper's dorid\*  
*Triopha catalinae* - clown nudibranch  
*Limacia cockerelli* – Cockerell's nudibranch\*  
*Aegires albopunctatus* – salt & pepper nudibranch\*

*Dendronotus iris* - giant nudibranch  
*Dendronotus rufus* - red dendronotid  
*Dendronotus dalli* – Dall's dendronotid\*  
*Dendronotus albus* – white dendronotid\*  
*Melibe leonina* - hooded nudibranch  
*Doto columbiana* – British Columbia doto\*  
*Dirona albolineata* - frosted nudibranch  
*Dirona pellucida* - golden dirona  
*Janolus/Antiopella fuscus* – white-and-orange tipped nudibranch\*  
*Hermisenda crassicornis* - opalescent nudibranch  
*Himatina triophina* - red flabellina  
*Coryphella verrucosa* – red-gilled nudibranch\*  
*Orienthella trilineata* – three-lined nudibranch\*  
*Flabellina/Ziminella japonica* – pearly nudibranch\*  
*Aeolidia papillosa/loui* - shag-rug nudibranch

**Class SCAPHOPODA – tuskshells (01)**

*Rhabdus rectius* – western straight tuskshell (shell only)

**Class CEPHALOPODA – octopus & squid (04)**

*Enteroctopus dofleini* - giant pacific octopus  
*Octopus rubescens* - pacific red octopus  
*Rossia pacifica* - stubby squid  
*Doryteuthis opalescens* - opalescent squid

**Phylum ARTHROPODA (68)**

**Subphylum CRUSTACEA**

**Class ARACHNIDA – mites (01)**

*Neomolgus littoralis* - red velvet mite

**Class ICHTHYOSTRACA – fish lice (01)**

*Arugulus borealis* – flounder fish louse\*

**Class MALACOSTRACA (59)**

**Order AMPHIPODA – amphipods (03)**

*Chromopleustes oculatus* - black-and-white sea flea\*  
*Traskorchestia traskiana* – splashzone beachhopper^  
*Caprella alaskana* - Alaskan skeleton shrimp

**Order ISOPODA – isopods (06)**

*Ligia pallasii* - sea slater  
*Ligia occidentalis* - rock louse^  
*Limnoria lignorum* – gribble^  
*Cirolana harfordi* – scavenging isopod^  
*Idotea resicata* - eelgrass isopod  
*Idotea wosnesenskii* - rockweed isopod

**Order COPEPODA – copepods (01)**

*Clausidium vancouverense* – no common name^



**Order MYSIDACEA – mysids (01)**

*Mysidia* spp. – mysid swarms

**Order EUPHAUSIACEA – euphausiids (01)**

*Euphausia* spp. – euphausiid swarms

**Order DECAPODA – shrimp and crabs (47)**

*Crangon* sp. - crangon shrimp\*  
*Crangon nigricauda* – blacktail shrimp^  
*Eualus butleri* – a sponge eualid\*  
*Eualus* sp. – undetermined eualid on orange finger sponge  
*Heptacarpus kincaidi* – Kincaid’s shrimp\*  
*Heptacarpus sitchensis* – Sitka shrimp^  
*Hippolyte clarki* – grass shrimp\*  
*Spirontocaris prionota* – deep blade shrimp\*  
*Spirontocaris snyderi* – Snyder’s blade shrimp\*  
*Pandalus danae* - coonstripe shrimp  
*Pandalus platyceros* - Pacific prawn  
*Pandalopsis dispar* - sidestripe shrimp  
*Betaeus harrimani* – northern hooded shrimp^  
*Neotrypaea californiensis* - bay ghost shrimp  
*Upogebia pugettensis* - blue mud shrimp  
*Hemigrapsus oregonensis* - green shore crab  
*Hemigrapsus nudus* - purple shore crab  
*Lophopanopeus bellus* - black-clawed crab  
*Glebocarcinus oregonensis* - pygmy rock crab  
*Cancer productus* - red rock crab  
*Cancer/Metacarcinus magister* - dungeness crab  
*Cancer/Metacarcinus gracilis* - graceful crab  
*Telmessus cheiragonus* - helmet crab  
*Pugettia producta* - northern kelp crab  
*Pugettia gracilis* - graceful kelp crab  
*Mimulus foliatus* – foliate kelp crab\*  
*Scyra acutifrons* - sharpnose crab  
*Oregonia gracilis* - graceful decorator crab  
*Pinnixa faba* – mantle pea crab^  
*Petrolisthes eriomerus* - flattop crab  
*Petrolisthes cinctipes* - flattop crab^  
*Munida quadrispina* - squat lobster  
*Hapalogaster mertensil* - hairy crab  
*Acantholithodes hispidus* - hairy-spined crab  
*Rhinolithodes wosnessenskii* - rhinoceros crab  
*Phyllolithodes papillosus* - heart crab  
*Lopholithodes mandtii* - Puget Sound king crab  
*Lopholithodes foraminatus* - brown box crab  
*Cryptolithodes typicus* - butterfly crab  
*Cryptolithodes sitchensis* - umbrella crab  
*Pagurus granosimanus* – grainyhand hermit^  
*Pagurus caurinus* – greenmark hermit  
*Pagurus hirsutiusculus* – hairy hermit^  
*Pagurus beringanus* - Bering hermit  
*Elassochirus gilli* - orange hermit  
*Elassochirus tenuimanus* - widehand hermit

*Pagurus armatus* – blackeyed hermit\*

**Class CIRRIPEDIA & Class HEXANAUPLIA - barnacles (06)**

*Chthamalus dalli* - small acorn barnacle  
*Balanus glandula* - common acorn barnacle  
*Balanus crenatus* - crenate barnacle  
*Balanus rostratus* - rostrate barnacle  
*Balanus nubilus* - giant acorn barnacle  
*Semibalanus cariosus* - thatched acorn barnacle

**Class PYCNOGONIDA – sea spiders (01)**

*Nymphon pixellae* – giant sea spider\*

**Phylum ECHINODERMATA (37)**

**Class ASTEROIDEA - sea stars (21)**

*Pisaster ochraceus* - purple star  
*Pisaster brevispinus* - giant pink star  
*Evasterias troschelli* - mottled star  
*Orthasterias koehleri* - rainbow star  
*Stylasterias forreri* - velcro star  
*Dermasterias imbricata* - leather star  
*Mediaster aequalis* - vermilion star  
*Ceramaster patagonicus* – cookie star\*  
*Hippasteria spinosa/phrygiana* - spiny red star  
*Pteraster tesselatus* - slime star  
*Pteraster militaris* - wrinkled star  
*Henricia leviuscula* species complex - blood stars  
*Henricia sanguinolenta* - fat blood star  
*Henricia aspera aspera* – ridged blood star\*  
*Luidia foliolata* - sand star  
*Leptasterias hexactis* - drab six-armed star  
*Pycnopodia helianthoides* - sunflower star  
*Crossaster papposus* - rose star  
*Solaster dawsoni* - morning sun star  
*Solaster stimpsoni* - striped sun star  
*Solaster endeca* - northern sun star

**Class OPHIUROIDEA - brittle stars (04)**

*Ophiopholis aculeata/kennerlyi* - daisy brittle star  
*Amphiodia occidentalis* - long-armed brittle star  
*Amphipholis squamata* – dwarf brittle star^  
*Ophiura luetkenii* - gray brittle star

**Class CRINOIDEA - feather stars (01)**

*Florometra serratissima* - feather star

**Class ECHINOIDEA - sea urchins and sand dollars (03)**

*Strongylocentrotus/Mesocentrotus franciscanus* - red sea urchin  
*Strongylocentrotus droebachiensis* - green sea urchin  
*Dendraster excentricus* - excentric sand dollar

## **Class HOLOTHUROIDEA - sea cucumbers (08)**

*Apostichopus californicus* - giant sea cucumber  
*Cucumaria miniata* - red sea cucumber  
*Cucumaria pallida* - pale sea cucumber  
*Cucumaria piperata* - salt and pepper sea cucumber  
*Eupentacta quinquesemita* - stiff-footed sea cucumber  
*Eupentacta pseudoquinquesemita* - false white sea cucumber\*  
*Psolus chitonoides* - creeping pedal sea cucumber  
*Psolidium bidiscum* - pale creeping pedal sea cucumber\*

## **Phylum CHORDATA (96)**

### **Subphylum TUNICATA (23)**

#### **Class ASCIDIACEA - tunicates/ ascidians (23)**

*Corella willmeriana* - transparent tunicate\*  
*Corella inflata* - brooding transparent tunicate  
*Ciona savignyi* - sea vase\*  
*Ascidia paratropa* - glassy tunicate\*  
*Cnemidocarpa finmarkiensis* - broadbase tunicate  
*Halocynthia aurantium* - Pacific sea peach  
*Halocynthia igaboja* - bristly tunicate  
*Pyura haustor* - warty tunicate  
*Styela gibbsii* - brown tunicate\*  
*Styela clava* - club tunicate\*  
*Styela montereyensis* - stalked tunicate  
*Boltenia villosa* - hairy tunicate  
*Chelyosoma productum* - disc-top tunicate  
*Metandrocarpa taylori* - orange social tunicate  
*Perophora annectens* - yellow social ascidian\*  
*Cystodytes lobatus* - lobed compound tunicate\*  
*Distaplia occidentalis* - mushroom compound tunicate  
*Aplidium californicum* - California sea pork\*  
*Aplidium solidum* - red ascidian\*  
*Didemnum carnulentum* - Pacific white crust\*  
*Didemnum* sp. - invasive compound tunicate  
*Trididemnum alexi* - speckled compound ascidian\*  
*Botrylloides violaceus* - lined compound ascidian\*

### **Subphylum VERTEBRATA (73)**

#### **Class CHONDRICHTHYES - sharks and rays (03)**

*Squalus acanthias/suckleyi* - spiny dogfish  
*BeringRaja binoculata* - big skate  
*BeringRaja rhina* - longnose skate

#### **Class HOLCEPHALI - ratfish (01)**

*Hydrolagus colliei* - spotted ratfish\*

#### **Class ACTINOPTERYGII - bony fishes (69)**

*Sardinops sagax* - Pacific sardine  
*Clupea pallasii* - Pacific herring

*Engraulis mordax* – northern anchovy  
*Gasterosteus aculeatus*- threespine stickleback  
*Aulorhynchus flavidus* - tubesnout  
*Sygnathus leptorhynchus* - bay pipefish  
*Ammodytes hexapterus* - Pacific sand lance  
*Brusmophycis marginata* – red brotula\*  
*Rhinogobiops nicholsii* - blackeye goby  
*Lepidogobius lepidus* – bay goby\*  
*Clevelandia ios* – arrow goby^  
*Anoplarchus purpureus* – high cockscomb^  
*Xiphister mucosus* - rock prickleback  
*Xiphister atropurpureus* - black prickleback  
*Chirolophis nugator* – mosshead warbonnet\*  
*Chirolophis decoratus* - decorated warbonnet  
*Lumpenus sagitta* – Pacific snake prickleback\*  
*Apodichthys flavidus* – penpoint gunnel  
*Apodichthys fucorum* – rockweed gunnel^  
*Pholis laeta* – crescent gunnel\*  
*Pholis ornata* – saddleback gunnel^  
*Pholis clemensi* – longfin gunnel\*  
*Anarrhichthys ocellatus* - wolf-eel\*  
*Embiotoca lateralis* - striped seaperch  
*Rhacochilus vacca* - pile perch  
*Cymatogaster aggregata* – shiner perch\*  
*Brachyistius frenatus* – kelp perch\*  
*Sebastes caurinus* - copper rockfish  
*Sebastes maliger* - quillback rockfish  
*Sebastes nebulosus* - china rockfish  
*Sebastes melanops* - black rockfish  
*Sebastes pinniger* - canary rockfish  
*Sebastes miniatus* - vermilion rockfish  
*Sebastes ruberrimus* - yelloweye rockfish  
*Sebastes nigrocinctus* - tiger rockfish  
*Hexagrammos decagrammus* - kelp greenling  
*Ophiodon elongatus* - lingcod  
*Oxylebius pictus* - painted greenling  
*Oligocottus maculosus* - tidepool sculpin  
*Artedius harringtoni* – scalyhead sculpin  
*Synchirus gilli* – manacled sculpin\*  
*Jordania zonope* - longfin sculpin  
*Clinocottus acuticeps* – sharpnose sculpin^  
*Scorpaenichthys marmoratus* - cabezon  
*Hemilepidotus hemilepidotus* - red Irish lord  
*Hemilepidotus spinosus* - brown Irish lord  
*Leptocottus armatus* – Pacific staghorn sculpin^  
*Enophrys bison* - buffalo sculpin  
*Myoxocephalus polyacanthocephalus* – great sculpin\*  
*Radulinus taylora* – spinynose sculpin\*  
*Chitonotus pugetensis* - roughback sculpin  
*Rhamphocottus richardsonii* - grunt sculpin  
*Nautichthys oculofasciatus* - sailfish sculpin  
*Porichthys notatus* - plainfin midshipman  
*Gobiesox maeandricus* - northern clingfish

*Liparis florum* – tidepool snailfish^  
*Eumicrotremis orbis* – Pacific spiny lumpsucker\*  
*Odontopyxis trispinosa* – pygmy poacher\*  
*Agonopsis vulsa* – northern spearnose poacher\*  
*Bothragonus swanii* - rockhead  
*Platichthys stellatus* - starry flounder  
*Citharichthys stigmaeus* – speckled sanddab^  
*Psettichthys melanostictus* – sand sole^  
*Pleuronichthys coenosus* - C-O sole  
*Parophrys vetulus* – English sole\*  
*Oncorhynchus keta* – chum salmon  
*Oncorhynchus tshawytscha* – spring salmon  
*Oncorhynchus gorbuscha* – pink salmon  
*Oncorhynchus kisutch* – coho salmon

### ***Endnote/slm***

513 species to July 2020

^ - denotes contributions from Zwickel/ Manson's Lagoon Inventory

\* - denotes contributions from Andy Lamb & Donna Gibbs/ Pacific Marine Life Survey

Keeping apace of the ever-changing taxonomic names is a challenging work in progress. Where confident of a name change we adopted that name; where lacking confidence we included both old & new names for either or both genera & species.