

Intertidal Species List for CEDO Beach and Station Beac

Phylum Porifera (Sponges)

_____	<i>Haliclona permollis</i>	Wandering sponge
_____	<i>Geodia mesotriaena</i>	White-cored sponge
_____	<i>Leucetta losangelensis</i>	Breadcrumb sponge
_____	<i>Pseudosuberites</i> sp.	Cratered sponge
_____	<i>Tedania nigrescens</i>	Red-spined sponge
_____	<i>Cliona celata</i>	Boring sponge

Phylum Cnidaria

Class Anthozoa (anemones/corals)

_____	<i>Bunodactis</i> sp.	Green-tentacled sticky anemone
_____	<i>Bunodosoma</i> sp.	Naked, warty anemone
_____	<i>Calamactis</i> sp.	burrowing anemone
_____	<i>Palythoa ignota</i>	Brown carpet anemone
_____	<i>Zoanthus danae</i>	Green carpet anemone
_____	<i>Porites californica</i>	Emerald coral
_____	<i>Muricea</i> sp.	Rough red gorgonian

Class Hydrozoa (colonial hydroids/siphonophores)

_____	<i>Aglaophenia diegensis</i>	Ostrich plume hydroid
_____	<i>Physalia</i> sp.	Portuguese man-of-war

Phylum Platyhelminthes (flatworms)

_____	<i>Alleena mexicana</i>	Slender gray flatworm
_____	<i>Pseudoceros mexicanus</i>	Mexican skirt dancer

Phylum Ectoprocta (bryozoans)

_____	<i>Waterspora</i> sp.	Black bryozoan
-------	-----------------------	----------------

Phylum Annelida

Class Polychaeta (segmented worms)

Bristle worms

_____	<i>Eurythoe complanata</i>	Fireworm
_____	<i>Halosydna</i> sp.	Scaleworm

Tube worms

_____	<i>Bispira rugosa</i>	Banded feather duster
_____	<i>Spirobis</i> sp.	Spiral tube worm

Phylum Mollusca

Class Polyplacophora (chitons)

_____	<i>Chiton virgulatus</i>	Green chiton
_____	<i>Chiton stokesii</i>	Black chiton

Class Gastropoda (snails, nudibranchs, sea slugs, limpets and sea hares)

Snails

_____	<i>Acanthina angelica</i>	Angelic tooth snail
_____	<i>Cerithidea mazatlantica</i>	Estero horn snail
_____	<i>Cerithium maculosum</i>	Speckled cerith
_____	<i>Cerithium stercusmuscarum</i>	Fly-speck cerith

_____	<i>Columbella sp.</i>	Dove shell
_____	<i>Conus sp.</i>	Cone shell
_____	<i>Littorina aspera</i>	Periwinkle
_____	<i>Morula ferruginosa</i>	corraline snail
_____	<i>Mitrella guttata</i>	Miter shell
_____	<i>Nerita funiculata</i>	Small nerite snail
_____	<i>Oliva sp.</i>	Olive snail
_____	<i>Olivella dama.</i>	Pygmy olive snail
_____	<i>Tegula mariana</i>	Marian's top shell
_____	<i>Thais biserialis</i>	Rock thais
_____	<i>Turbo fluctuosus</i>	Turban snail
_____	<i>Turitella leucostoma</i>	Tower shell
_____	<i>Serpulorbis sp.</i>	Tube snail
	Limpets	
_____	<i>Collisella actupex</i>	Ringed limpet
_____	<i>Diodora inequalis</i>	Keyhole limpet
_____	<i>Collisella strongiana</i>	Common limpet
_____	<i>Hipponix sp.</i>	Horsehoof limpet
	Sea slugs, sea hares, nudibranchs	
_____	<i>Aplysia californica</i>	California sea hare
_____	<i>Berthellina illisima</i>	Apricot slug
_____	<i>Chromodoris norrisi</i>	Norris's nudibranch
_____	<i>Tridachiella diomedia</i>	Mexican dancer
	Class Bivalvia (clams, oysters, mussels, and scallops)	
_____	<i>Arca pacifica</i>	Ark shell
_____	<i>Pinna sp.</i>	Pen shell
_____	<i>Brachiodontes sp.</i>	Seed mussel
_____	<i>Lithophaga sp.</i>	Boring mussel
_____	<i>Modiolus capax</i>	Horse mussel
_____	<i>Chama sp.</i>	Jewel box shell
_____	<i>Chiona sp.</i>	Venus clam (cockle)
_____	<i>Tagelus sp.</i>	Jackknife clam
_____	<i>Lima sp.</i>	Swimming clam
_____	<i>Ostrea sp.</i>	Oyster
	Class Cephalopoda (octopus, squid)	
_____	<i>Octopus fitchi</i>	Red reef octopus
_____	<i>Octopus bimaculatus</i>	Twin-spotted octopus
	Phylum Arthropoda	
	Class Crustacea	
	Isopods	
_____	<i>Tylos punctatus</i>	Beach pill bug
	Amphipods	
_____	<i>Caprella sp.</i>	Hydroid amphipod
	Barnacles	
_____	<i>Balanus amphitrite</i>	acorn barnacle
_____	<i>Chthamalus anisopoma</i>	Small barnacle
_____	<i>Tetraclita stalactifera</i>	Thatch-roof barnacle
	Shrimp/lobsters	

_____	<i>Alpheus</i> sp.	Pistol shrimp
_____	<i>Lysmata californica</i>	Red cleaner shrimp
_____	<i>Penaeus californiensis</i>	Brown shrimp
_____	<i>Palaemon ritteri</i>	Tidepool shrimp
	Brachyuran crabs (true crabs)	
_____	<i>Ala cornuta</i>	Decorator crab
_____	<i>Callinectes bellicosus</i>	Swimming blue crab
_____	<i>Epialtus</i> sp.	Sargassum crab
_____	<i>Eriphia squamata</i>	Lumpy-claw crab
_____	<i>Pachycheles setimanus</i>	Hairy-claw crab
_____	<i>Pilumnus</i> sp.	Hairy crab
_____	<i>Uca</i> sp.	Fiddler crab
	Anomuran crabs (hermit crabs/porcelain crabs)	
_____	<i>Clibanarius digueti</i>	Red-fingered hermit crab
_____	<i>Paguristes anahuacas</i>	White-fingered hermit crab
_____	<i>Petrolisthes</i> sp.	Porcelain crab

Phylum Echinodermata

Class Holothuroidea (sea cucumbers)

_____	<i>Holothuria impatiens</i>	Bottle cucumber
_____	<i>Holothuria inhabilis</i>	Sandy cucumber
_____	<i>Isostichopus fuscus</i>	Brown cucumber
_____	<i>Holothuria lubrica</i>	Sulfur cucumber

Class Asteroidea (sea stars)

_____	<i>Heliaster kubinijii</i>	Sun star
_____	<i>Echinaster tenuispina</i>	Diurnal sea star

Class Ophiuroidea (brittle stars)

_____	<i>Ophiocoma aethiops</i>	Giant black brittle star
_____	<i>Ophiocoma alexandrii</i>	Banded brittle star
_____	<i>Ophioderma</i> sp.	Smooth brittle star
_____	<i>Ophionereis annulata</i>	Ringed brittle star
_____	<i>Ophiothrix spiculata</i>	Barb-spined brittle star

Class Echinoidea

_____	<i>Echinometra vanbrunti</i>	Common purple urchin
_____	<i>Arbacia incisa</i>	Black urchin
_____	<i>Eucidaris thouarsii</i>	Club-spined urchin
_____	<i>Mellita longifissa</i>	Delicate sand dollar

Phylum Chordata

Subphylum Urochordata

_____	<i>Didemnum</i> sp.	thin tunicate (white, grey, pink)
_____	<i>Aplidium</i> sp.	sea pork

Class Pisces

Chondrichthyes (cartilagenous fishes)

_____	<i>Urolophus halleri</i>	Round stingray
-------	--------------------------	----------------

Osteichthyes (bony fishes)

_____	<i>Abudefduf troschelii</i>	Sergeant major
_____	<i>Girella simpliciden</i>	Gulf opaleye
_____	<i>Gobiosoma chiguita</i>	Sonoran goby

_____	<i>Hypsoblennius gentiles</i>	Bay blenny
_____	<i>Gobiesox sp.</i>	Tide pool clingfish

Class Aves

_____	<i>Ardea herodias</i>	Great blue heron
_____	<i>Pelecanus occidentalis</i>	Brown pelican
_____	<i>Catoptrophorus semipalmatus</i>	Willet
_____	<i>Larus heermanni</i>	Heerman's gull
_____	<i>Larus californicus</i>	California gull
_____	<i>Larus delawarensis</i>	Ringed-bill gull
_____	<i>Pandion haliaetus</i>	Osprey

Class Mammalia

_____	<i>Tursiops gilli</i>	Bottlenose dolphin
_____	<i>Zalophus californianus</i>	California sea lion

Kingdom Plantae**Division Chlorophyta (green algae)**

_____	<i>Caulerpa sp.</i>	Sea lettuce
_____	<i>Cladophora sp.</i>	Green turf algae
_____	<i>Enteromorpha sp.</i>	Green ribbon algae

Division Phaeophyta (brown algae)

_____	<i>Colpomenia sp.</i>	Bubblegum algae
_____	<i>Dictyota sp.</i>	Dictyota
_____	<i>Padina durvillaei</i>	Zone fan algae
_____	<i>Sargassum sp.</i>	Sargassum

Division Rhodophyta (red algae)

_____	<i>Amphiroa sp.</i>	Branched coralline algae
_____	<i>Lithophyllum sp.</i>	Encrusting coralline algae

Division Tracheophyta (sea grasses, succulent halophytes)

_____	<i>Batis sp.</i>	Salt wort
_____	<i>Distichlis sp.</i>	Indian wheat
_____	<i>Salicornia sp.</i>	Pickleweed
_____	<i>Sueda sp.</i>	Seepweed
_____	<i>Frankenia sp.</i>	Frankenia
_____	<i>Monanthochloe littoralis</i>	Shoregrass

Kingdom Monera (Domain Bacteria)

_____	Cyanobacteria	Blue green bacteria
-------	---------------	---------------------