

List of Species Seen on July 4, 2023 Shoreline Outing to Willow Point Reef

SCIENTIFIC NAME	COMMON NAME
Phylum Chlorophyta	
Green Algae	
<i>Ulva</i> spp.	Sea Lettuce
<i>Ulva intestinalis</i>	Sea Lettuce (noodly)
<i>Codium fragile</i>	Sea Staghorn, Dead Man's Fingers
Phylum Ochrophyta	
Brown Algae	
<i>Leathesia marina</i>	Sea Cauliflower
<i>Alaria marginata</i>	Winged or Ribbon Kelp
<i>Fucus distichus</i>	Pacific Rockweed, Bladder Wrack
<i>Sargassum muticum</i>	Wireweed, Sargassum
<i>Nereocystis lutkeana</i>	Bull Kelp
<i>Hedophyllum?</i>	Elephant Ears?
<i>Saccharina latissima</i>	Sugar Kelp
Phylum Rhodophyta	
Red Algae	
<i>Porphyra</i> spp.	Laver, Dulse or Nori
<i>Lithothamnion</i> spp.	Pink Encrusting Coralline Algae
<i>Hildenbrandia</i> sp.	Red Encrusting Algae
<i>Bossiella</i> spp.	Coral-leaf Algae
<i>Corallina</i> spp.	Coralline Algae
<i>Sarcodiotheca gaudichaudi</i>	Succulent Seaweed
<i>Mastocarpus papillatus</i>	Turkish Washcloth
<i>Chondrocanthus exasperatus</i>	Turkish Towel
<i>Mazzaella splendens</i>	Iridescent Seaweed, Rainbow Leaf
<i>Prionitis sternbergii</i>	Bleach Weed, Broad Iodine Seaweed
<i>Saccharina latissima</i>	Sugar Kelp
<i>Neorhodomela larix</i>	Black Sea Pine
Phylum Porifera	
Sponges	
<i>Ophlitaspongia pennata</i>	Red Rock Sponge

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Phylum Mollusca	
Molluscs	
Class Bivalvia	Bivalves
<i>Mytilus</i> spp.	Mussels
<i>Nuttallia obscurata</i>	Varnish Clam – possibly shells only
<i>Tresus capax</i>	Fat Gaper-possibly shells only
<i>Clinocardium nuttallii</i>	Nuttall's Cockle
<i>Magallana gigas</i>	Giant Pacific Oyster
<i>Leucoma staminea</i>	Pacific Littleneck Clam
<i>Ruditapes phillipinarum</i>	Japanese Littleneck Clam
<i>Panopea generosa</i>	Pacific Geoduck (spraying water!)
<i>Saxidomus gigantea</i>	Butter Clam
Class Gastropoda	Gastropods (Abalone, Limpets and Snails)
<i>Littorina scutulata</i>	Checkered Periwinkle
<i>Calliostoma ligatum</i>	Blue Top Snail
<i>Nucella lamellosa</i>	Frilled Dogwinkle
<i>Neverita lewisii</i>	Lewis's Moonsnail (egg case, shell)
<i>Nucella lamellosa</i>	Frilled Dogwinkle
<i>Diodora aspera</i>	Keyhole Limpet
<i>Lottia persona</i>	Mask Limpet
<i>Lottia pelta</i>	Shield Limpet
<i>Lottia scutum</i>	Plate Limpet
<i>Lottia paradigitalis</i>	Dwarf Ribbed Limpet
<i>Lottia scabra</i>	Rough Limpet
<i>Acmaea mitra</i>	Top Hat Limpet, Whitecap Limpet, Dunce-cap Limpet
Subclass Ophistobranchia	Nudibranchs or Sea Slugs
<i>Rostanga pulchra</i>	Red Sponge Nudibranch
Class Polyplacophora	Chitons
<i>Cryptochiton stelleri</i>	Gumboot Chiton; Giant Pacific Chiton
<i>Tonicella lineata</i>	Lined Chiton
<i>Mopalia ciliata</i>	Hairy Chiton
<i>Mopalia mucosa</i>	Mossy Chiton
Phylum Cnidaria	
Sea Anemones, Hydroids, Cup Corals and Jellies	
Class Anthozoa	Sea Anemones and Cup Corals
<i>Anthopleura elegantissima</i>	Aggregating Anemone, Pink-tipped Green Anemone

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<i>Urticina grebelnyi</i>	Painted Anemone, Warty Painted Anemone, Christmas Anemone
<i>Metridium farcimen</i>	Giant Plumose Anemone
<i>Balanophyllia elegans</i>	Orange Cup Coral
Phyla Platyhelminthes, Nemertea, Annelida, Sipuncula, Echiura	
Marine Worms	
<i>Serpula columbiana</i>	Calcareous Tube Worm
<i>Nereis</i> sp.	Clam Worm
<i>Tubulanus polymorphus</i>	Blood Worm, Orange Ribbon Worm?
<i>Arctonoe vittata</i>	Scaleworm, commensal on Gumboot chiton
Phylum Arthropoda	
Arthropods	
Order Decapoda	Shrimps and Crabs
<i>Cancer productus</i>	Red Rock Crab
<i>Oregonia gracilis</i>	Decorator Crab
<i>Hemigrapsus oregonensis</i>	Green Shore Crab, Hairy Shore Crab
<i>Hemigrapsus nudus</i>	Purple Shore Crab
<i>Pugettia producta</i>	Northern Kelp Crab
<i>Lophopanopeus bellus</i>	Black-clawed Crab
<i>Telmessus cheiragonus</i>	Helmet Crab
	Shrimp
Class Cirripedia	Barnacles
<i>Chthamalus dalli</i>	Little Brown Barnacle
<i>Balanus glandula</i>	Acorn Barnacle
<i>Semibalanus cariosus</i>	Thatched Barnacle
Order Isopoda	Isopods
	Unknown Isopod
Phylum Bryozoa	
Moss Animals	
<i>Schizoporella japonica</i>	Orange Encrusting Bryozoan
Phylum Echinodermata	
Echinoderms or Spiny-Skinned Animals	
Class Asteroidea	Sea Stars
<i>Pisaster ochraceus</i>	Purple or Ochre Sea Star
<i>Dermasterias imbricata</i>	Leather Sea Star; Leather Star

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<i>Henricia leviuscula</i>	Blood Star
Class Ophiuroidea	Brittle Stars
<i>Ophiopholus aculeata</i>	Daisy Brittle Star
Class Echinoidea	Urchins and Sand Dollars
<i>Strongylocentrotus droebachiensis</i>	Green Sea Urchin
<i>Strongylocentrotus purpuratus</i>	Purple Sea Urchin
<i>Mesocentrotus franciscanus</i>	Giant Red Sea Urchin; Red Sea Urchin
<i>Dendraster excentricus</i>	Eccentric Sand Dollar (test only)
Class Holothuroidea	Sea Cucumbers
<i>Eupentacta quinquesemita</i>	White Sea Cucumber
<i>Cucumaria miniata</i>	Orange or Red Sea Cucumber
Phylum Chordata	
Subphylum Tunicata	Tunicates
<i>Cnemidocarpa finmarkiensis</i>	Red Velvet Sea Squirt, Shiny Red Sea Squirt
	Unidentified Ascidian
Subphylum Vertebrata	No fish seen