

## NEARSHORE STRATEGY SPECIES WITH OBSERVED OR PROBABLE OCCURRENCE WITHIN THE CAPE FOULWEATHER MARINE CONSERVATION AREA

NEARSHORE STRATEGY SPECIES are species determined to have conservation needs in greatest need of management attention and to have the greatest potential for benefit from management actions. Strategy Species provide a focus for planning and prioritizing specific conservation, management, and research actions by ODFW and other partners.

NEARSHORE WATCH LIST SPECIES are those that have been identified as important nearshore species but do not require immediate management action, but may in the future. Managers should be aware of conservation needs and potential factors affecting these species and that sufficient data for these species may be lacking.

NEARSHORE COMMONLY ASSOCIATED SPECIES are species identified to be important to nearshore environments, whose conservation needs can best be met through management affecting habitats or communities of organisms.

[<https://oregonconservationstrategy.org/oregon-nearshore-strategy/species/>]

Cape Foulweather is home to the following species identified by the Oregon Conservation Strategy for the Nearshores Ecoregion. Included are listing status, special needs, and the State's recommended Conservation Actions particularly relevant to Rocky Habitats :

Bull kelp *Nereocystis luetkeana*

- Occurs only in nearshore subtidal habitat. This species is strongly associated with rocky substrates.
- Observe harvest restrictions. Monitor status of beds at special sites/index sites.

Cabezon *Scorpaenichthys marmoratus*

- Needs rocky reefs
- Protect critical habitat. Manage for sustainable harvest. Gather information to fill data gaps on declining population.

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Black rockfish *Sebastes melanops*

Deacon rockfish *Sebastes diaconus*

Yellowtail rockfish *Sebastes flavidus*

Canary rockfish *Sebastes pinniger*

Grass rockfish *Sebastes rastrelliger*

- Needs rocky reefs
- Protect critical habitat. Manage for sustainable harvest. Gather information to fill data gaps on juveniles in nearshore.

Ochre sea star *Pisaster ochraceus*

- Occur only in rocky intertidal and shallow subtidal habitat in nearshore and estuarine waters.

Sunflower star *Pycnopodia helanthoides*

## NEARSHORE STRATEGY SPECIES WITH OBSERVED OR PROBABLE OCCURRENCE WITHIN THE CAPE FOULWEATHER MARINE CONSERVATION AREA

- Occur in lower intertidal and subtidal habitat. They are voracious predators, feeding on clams, snails, chitons, urchins, sand dollars, asteroids, crabs, and other invertebrates.
- Monitor status of populations at index sites. Gather information to fill data gaps to determine ecological role in subtidal communities and gather information on recruitment events.

### Purple sea urchin *Strongylocentrotus purpuratus*

- Monitor status of populations at index sites. Gather information to fill data gaps on population dynamics (recruitment in relation to headlands). Manage for sustainable harvest

### California mussel *Mytilus californianus*

- Occur only in rocky intertidal and shallow subtidal habitat.
- Investigate relationships between ocean drivers, larva supply, and episodic settlement/recruitment.

### Pacific harbor seal *Phoca vitulina*

- Use haul-out sites on rocks, reefs, or beaches. They require pupping areas with minimal disturbance.
- Limit human disturbance. Observe federal Marine Mammal Protection Act protections. Fill data gaps on population status and trends.

## BIRDS

### NEARSHORE COMMONLY ASSOCIATED SPECIES

- Black Oystercatcher (*Haematopus bachmani*) - SENSITIVE SPECIES
- California Gull (*Larus californicus*)
- Glaucous-winged Gull (*Larus glaucescens*): Colonial nester.
- Western Gull (*Larus occidentalis*): Colonial nester.
- Western Grebe (*Aechmophorus occidentalis*)
- Pacific Loon (*Gavia pacifica*): Winters in nearshore coastal waters.
- Red-throated Loon (*Gavia stellata*): Winters in nearshore coastal waters.
- Red-necked Phalarope (*Phalaropus lobatus*): Concentrates around oceanic upwellings and edges of kelp beds.
- Surf Scoter (*Melanitta perspicillata*): Common in shallow water over shellfish beds.
- White-winged Scoter (*Melanitta fusca*): Common in shallow water over shellfish beds.
- Sooty Shearwater (*Puffinus griseus*): Concentrates around oceanic upwellings and over the continental shelf.

### SENSITIVE SPECIES (ODFW)

- Black Brant (*Branta bernicla nigricans*) CR, NS
- Black Oystercatcher (*Haematopus bachmani*) NS

**NEARSHORE STRATEGY SPECIES WITH OBSERVED OR PROBABLE  
OCCURRENCE WITHIN THE CAPE FOULWEATHER MARINE CONSERVATION  
AREA**

- Tufted Puffin (*Fratercula cirrhata*) CR, NS
- Rock Sandpiper (*Calidris ptilocnemis tschuktschorum*)
- Fork-tailed Storm-Petrel (*Oceanodroma furcata*) NS
- Leach's Storm-Petrel (*Oceanodroma leucorhoa leucorhoa*) NS
- Caspian Tern (*Hydroprogne caspia*) CR, EC, NBR, NS

[[https://www.dfw.state.or.us/wildlife/diversity/species/docs/Sensitive\\_Species\\_List.pdf](https://www.dfw.state.or.us/wildlife/diversity/species/docs/Sensitive_Species_List.pdf)]

**NEARSHORE WATCH LIST SPECIES**

- Cassin's Auklet (*Ptychoramphus aleuticus*): Nests in burrows on offshore islands with no mammalian predators.
- Rhinoceros Auklet (*Cerohinca monocerata*): Nests in burrows on offshore islands. Forages in nearshore waters while nesting.
- Brandt's Cormorant (*Phalacrocorax penicillatus*): Utilizes rocky cliffs and islands for nesting. Forages in nearshore habitats.
- Pelagic Cormorant (*Phalacrocorax pelagicus*): Utilizes rocky cliffs and islands for nesting. Forages in nearshore habitats.
- Pigeon Guillemot (*Cepphus columba*): Nests in burrows or crevices. Forages in nearshore habitats.
- Common Murre (*Uria aalge*) Central place forager while nesting in colonies on rocky headlands and offshore islands. Can dive deeply while foraging.
- Sanderling (*Calidris alba*): Forages in intertidal areas during migration.

**Federally Listed Threatened or Species of Concern**

(<https://www.fws.gov/oregonfwo/articles.cfm?id=149489416>)

- Marbled Murrelet (*Brachyramphus marmoratus*) CH T\* (Washington, Oregon and California population)
- Western Snowy (coastal) Plover (*Charadrius alexandrinus nivosus*) CH T\* (Pacific coast population)
- Aleutian Canada Goose (*Branta canadensis leucopareia*)
- American Peregrine Falcon (*Falco peregrinus anatum*)
- Bald Eagle (*Haliaeetus leucocephalus*)
- Brown Pelican (*Pelecanus occidentalis*)

\*CH Critical Habitat has been designated for this species

\*T Threatened

CF Rocky Habitat Species List

**Metadata description of headers**

<b>Category</b>	larger species category
<b>Species of Interest (scientific name)</b>	scientific name of species of interest
<b>Common Name</b>	common name of species of interest
<b>Counts</b>	For mobile organisms like birds or sea stars, counts may be done for a specific time period or area. Please note if the area or time period has been indicated when reporting count data
<b>Presence/not observed</b>	If sparse data exist, we can only say if these data have been found at a specific location (present), or not observed (N/O) but inferred to be present
<b>Percent Cover</b>	If concerted community surveys were conducted, give % cover total for the species (out of 100). Combine all community surveys that exist within that specific zone on that particular sampling day, adjust % cover for total surveys and adjust for each specific species found.
<b>Location</b>	Were the species found at the proposal site or a site nearby?
<b>Time period of survey</b>	month and year the data were collected
<b>Data Source</b>	Where did you get the data for this species? Please include the year data were gathered if you can find this information (ex: PISCO 2019 Community Surveys)
<b>Notes about species</b>	Information for this column gotten from Bruce Menge, pers comm. And these websites:  <a href="https://s3.amazonaws.com/SmartsheetB1/34ebab28d589468da587f20a3e836df8?response-content-disposition=inline%3Bfilename%3D%225-NEARSHORE-SPECIES.pdf%22%3Bfilename*%3DUTF-8%27%275-NEARSHORE-SPECIES.pdf&amp;Signature=tDQtDcHs97LVZliTclKOWHPmiGk%3D&amp;Expires=1603302080&amp;AWSAccessKeyId=11950YFEZZJFSSKKB3G2">https://s3.amazonaws.com/SmartsheetB1/34ebab28d589468da587f20a3e836df8?response-content-disposition=inline%3Bfilename%3D%225-NEARSHORE-SPECIES.pdf%22%3Bfilename*%3DUTF-8%27%275-NEARSHORE-SPECIES.pdf&amp;Signature=tDQtDcHs97LVZliTclKOWHPmiGk%3D&amp;Expires=1603302080&amp;AWSAccessKeyId=11950YFEZZJFSSKKB3G2</a>  <a href="https://s3.amazonaws.com/SmartsheetB1/38ba52f4dfe44fd8be1053c5d4c4d1b1?response-content-disposition=inline%3Bfilename%3D%22Nearshore-Appendices.pdf%22%3Bfilename*%3DUTF-8%27%27Nearshore-Appendices.pdf&amp;Signature=Zzpvkspwt%2Bd3cLYEI7nODemR16E%3D&amp;Expires=1603300335&amp;AWSAccessKeyId=11950YFEZZJFSSKKB3G2">https://s3.amazonaws.com/SmartsheetB1/38ba52f4dfe44fd8be1053c5d4c4d1b1?response-content-disposition=inline%3Bfilename%3D%22Nearshore-Appendices.pdf%22%3Bfilename*%3DUTF-8%27%27Nearshore-Appendices.pdf&amp;Signature=Zzpvkspwt%2Bd3cLYEI7nODemR16E%3D&amp;Expires=1603300335&amp;AWSAccessKeyId=11950YFEZZJFSSKKB3G2</a>
<b>Notes</b>	strategy species, species of concern, etc.

CF Rocky Habitat Species List

Category	Species of Interest (scientific name)	Common Name	Presence/not observed	Location	Data Source	Notes about species	Notes
Bird	<i>Branta canadensis leucopareia</i>	Aleutian Canada Goose	Presence observed	Within proposed site	eBird		Nearshore Strategy Species
Bird	<i>Falco peregrinus anatum</i>	American Peregrine Falcon	Presence observed	Within proposed site	eBird	Regular occurrence	
Bird	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Presence observed	Within proposed site	eBird		
Bird	<i>Branta bernicla</i>	Black Brant	Presence observed	Within proposed site	eBird		Nearshore Strategy Species, ODFW Sensitive Species
Bird	<i>Haematopus bachmani</i>	Black Oystercatcher	Presence observed	Within proposed site	eBird, Catalog of Oregon Seabirds 1990-1995	Highly dependent on nearshore habitat for nesting, foraging, raising young.	Nearshore Strategy Species, ODFW Sensitive Species
Bird	<i>Phalacrocorax penicillatus</i>	Brandt's Cormorant	Presence observed	Colony area overlapped the proposal site but included areas outside the proposal site.	eBird, Marine Bird Distribution Along the Oregon Coast April 2012	Utilizes rocky cliffs and islands for nesting. Forages in nearshore habitats. Sensitive to environmental change. Localized pop fluctuations	Nearshore Watch List Species
Bird	<i>Pelecanus occidentalis</i>	California Brown Pelican	Presence observed	Within proposed site	eBird		Nearshore Strategy Species
Bird	<i>Larus californicus</i>	California Gull	Presence observed	Within proposed site	eBird		Nearshore Strategy Species
Bird	<i>Hydroprogne caspia</i>	Caspian Tern	Presence observed	Within proposed site	eBird		Nearshore Strategy Species, ODFW Sensitive Species
Bird	<i>Ptychoramphus aleuticus</i>	Cassin's Auklet	Presence observed	Within proposed site	eBird	Nests in burrows on offshore islands with no mammalian predators. Vulnerable to nesting area disturbance, predation, oil spills, and environmental change.	Nearshore Watch List Species
Bird	<i>Uria aalge</i>	Common Murre	Presence observed	Colony area overlapped the proposal site but included areas outside the proposal site.	eBird, Marine Bird Distribution Along the Oregon Coast April 2012	Largest nesting colony on the Oregon Coast. Nests in colonies on offshore islands and coastal cliffs with no or minimal mammalian predators. Vulnerable to nesting area disturbance, predation, oil spills and environmental change. About 66% of the population from British Columbia to California nest in Oregon	Nearshore Watch List Species
Bird	<i>Oceanodroma furcata</i>	Fork-tailed Storm Petrel	not observed				Nearshore Strategy Species, ODFW Sensitive Species
Bird	<i>Larus glaucescens</i>	Glaucous-winged Gull	Presence observed	Within proposed site	eBird, Catalog of Oregon Seabirds, 1988-1991		Nearshore Strategy Species
Bird	<i>Oceanodroma leucorhoa</i>	Leach's Storm Petrel	not observed				Nearshore Strategy Species, ODFW Sensitive Species
Bird	<i>Brachyramphus marmoratus</i>	Marbled Murrelet	Presence observed	Within proposed site	eBird		Nearshore Strategy Species
Bird	<i>Gavia pacifica</i>	Pacific Loon	Presence observed	Within proposed site	eBird	Winters in nearshore coastal waters.	Nearshore Strategy Species
Bird	<i>Phalacrocorax pelagicus</i>	Pelagic Cormorant	Presence observed	Within proposed site	eBird, Catalog of Oregon Seabirds, 2004	Utilizes rocky cliffs and islands for nesting. Forages in nearshore habitats. Sensitive to environmental change.	Nearshore Watch List Species
Bird	<i>Cephus columba</i>	Pigeon Guillemot	Presence observed	Within proposed site	eBird, Catalog of Oregon Seabirds, 1990-2004	Population potentially declining, data inadequate. Vulnerable to ground predators, oil spills and environmental change. Breeding attempts may fail during climatic shifts (e.g., climate change).	Nearshore Watch List Species

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Bird	Phalaropus lobatus	Red-necked Phalarope	Presence observed	Within proposed site	eBird	Concentrates around oceanic upwellings and edges of kelp beds.	Nearshore Strategy Species
Bird	Gavia stellata	Red-throated Loon	Presence observed	Within proposed site	eBird	Winters in nearshore coastal waters.	Nearshore Strategy Species
Bird	Cerohinca monocerata	Rhinoceros Auklet	Presence observed	Within proposed site	eBird	Nests in burrows on offshore islands. Forages in nearshore waters while nesting. Prefers nesting sites on cliffs and elevated areas to aid in take-off. Sensitive to nesting disturbance and oil spills.	Nearshore Watch List Species
Bird	Calidris ptilocnemis	Rock Sandpiper	not observed		eBird		Nearshore Strategy Species, ODFW Sensitive Species
Bird	Calidris alba	Sanderling	Presence observed	Within proposed site	eBird	Highly dependent on specific nearshore feeding areas during migration. Susceptible to coastal habitat disturbance, degradation and destruction. Current population size unknown. Populations highly variable among years. Potential for long term declines.	Nearshore Watch List Species
Bird	Melanitta perspicillata	Surf Scoter	Presence observed	Within proposed site	eBird	Common in shallow water over shellfish beds.	Nearshore Strategy Species
Bird	Fratercula cirrhata	Tufted Puffin	Presence observed	Within proposed site	eBird, Catalog of Oregon Seabirds 1994		Nearshore Strategy Species
Bird	Aechmophorus occidentalis	Western Grebe	Presence observed	Within proposed site	eBird		Nearshore Strategy Species
Bird	Larus occidentalis	Western Gull	Presence observed		eBird	Colonial nester.	Nearshore Strategy Species
Bird	Charadrius alexandrinus	Western Snowy Plover	not observed				Nearshore Strategy Species
Bird	Melanitta fusca	White-winged Scoter	Presence observed	Within proposed site	eBird	Common in shallow water over shellfish beds.	Nearshore Strategy Species
	Alaria marginata	Winged kelp		Otter Rock	MARINE		
	Analipus japonicus	Bottlebrush seaweed	Presence observed	Otter Rock Marine Garden	inaturalist		
	Costaria costata	Seersucker kelp	Presence observed	Otter Rock Marine Garden	inaturalist		
	Cryptopleura ruprechtiana	Grape tongue	Presence observed	Otter Rock. Marine Garden	inaturalist		
	Desmarestia ligulata	Flattened acid kelp	Presence observed	Otter Rock Marine Garden	inaturalist		
brown alga	Egregia menziesii	Feather boa kelp	Presence observed	Otter Rock Marine Garden	inaturalist	responsive to nutrient depletion	PISCO/DLCD Species of interest
brown alga	Fucus distichus	Northern Rockweed	Presence observed	Otter Rock Marine Garden	inaturalist	indicative of wave exposure; responsive to nutrient depletion	PISCO/DLCD Species of interest
	Halosaccion glandiforme	Sea sacks		Otter Rock	MARINE		
	Hedophyllum sessile	Sea cabbage kelp	Presence observed	Otter Rock Marine Garden	inaturalist		
	Laminaria setchellii	Southern stiff-stiped kelp	Presence observed	Otter Rock Marine Garden	inaturalist		
brown alga	Lessoniopsis littoralis		not observed			responsive to nutrient depletion dominant competitor on most exposed low shores	PISCO/DLCD Species of interest

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Category	Species of Interest (scientific name)	Common Name	Presence/not observed	Location	Data Source	Notes about species	Notes
	<i>Mastocarpus papillatus</i>	Turkish washcloth	Presence observed	Otter Rock Marine Garden	inaturalist		
	<i>Neorhodomela larix</i>	Black pine seaweed	Presence observed	Otter Rock Marine Garden	inaturalist		
Brown alga	<i>Nereocystis luetkeana</i>	Bull kelp	Presence observed	Otter Rock Marine Garden	inaturalist		PISCO/DLCD Species of interest
	<i>Odonthalia floccosa</i>			Otter Rock	MARINE		
	<i>Phyllospadix scouleri</i>	Scouler's surf grass	Presence observed	Otter Rock Marine Garden	inaturalist		
brown alga	<i>Pelvetiopsis limitata</i>	Little Rockweed	Presence Observed	Otter Rock Marine Garden	inaturalist	indicative of wave exposure; responsive to nutrient depletion	PISCO/DLCD Species of interest
brown alga	<i>Postelsia palmaeformis</i>	Sea palm	not observed			responsive to nutrient depletion	PISCO/DLCD Species of interest
brown alga	<i>Saccharina sessilis</i>		not observed			responsive to nutrient depletion; dominant competitor on exposed shores (but somewhat less exposed than <i>L. littoralis</i> )	PISCO/DLCD Species of interest
			not observed				
Fish	<i>Acipenser medirostris</i>	Green sturgeon	not observed				Nearshore Strategy Species
Fish	<i>Acipenser transmontanus</i>	White sturgeon	not observed				Nearshore Strategy Species
fish	<i>Alopias vulpinus</i>	Common thresher	not observed			Global concern regarding shark harvest and management. Low productivity. Lack of scientific knowledge.	Nearshore Watch List Species
Fish	<i>Ammodytes hexapterus</i>	Pacific sand lance	not observed				Nearshore Strategy Species
Fish	<i>Amphistichus rhodoterus</i>	Redtail surfperch	not observed				Nearshore Strategy Species
Fish	<i>Anarrhichthys ocellatus</i>	Wolf-eel	not observed				Nearshore Strategy Species
Fish	<i>Atherinops affinis</i>	Topsmelt	not observed				Nearshore Strategy Species
fish	<i>Carcharodon carcharias</i>	White shark	not observed			Global concern regarding shark harvest and management. Low productivity. Lack of scientific knowledge regarding movements, spawning season, spawning grounds, and fecundity of females, population abundance.	Nearshore Watch List Species
fish	<i>Cebidichthys violaceus</i>	Monkeyface prickleback	not observed			Concerns regarding potential of increased harvest in OR (actively harvested in CA)	Nearshore Watch List Species
fish	<i>Citharichthys sordidus</i>	Pacific sanddab	not observed			Commercial and recreational harvest	Nearshore Watch List Species
	<i>Citharichthys stigmaeus</i>	Speckled sanddab	Presence observed	Otter Rock Marine Garden	inaturalist		
fish	<i>Clinocottus globiceps</i>	Mosshead sculpin	Presence observed	Otter Rock Marine Garden	inaturalist		
Fish	<i>Clupea pallasii</i>	Pacific herring	not observed				Nearshore Strategy Species
fish	<i>Cryptacanthodes giganteus</i>	Giant wrymouth	not observed			Concerns that they're being caught and reported/confused with Monkeyface pricklebacks. Inadequate population status information.	Nearshore Watch List Species
Fish	<i>Cymatogaster aggregata</i>	Shiner perch	not observed				Nearshore Strategy Species
Fish	<i>Embiotoca lateralis</i>	Striped perch	not observed				Nearshore Strategy Species
Fish	<i>Engraulis mordax</i>	Northern anchovy	not observed				Nearshore Strategy Species

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Category	Species of Interest (scientific name)	Common Name	Presence/not observed	Location	Data Source	Notes about species	Notes
fish	Enophrys bison	Buffalo sculpin	not observed			Recreational harvest. Little known about abundance.	Nearshore Watch List Species
Fish	Entosphenus tridentatus	Pacific lamprey	not observed				Nearshore Strategy Species
fish	Galeorhinus galeus	Soupin shark	not observed			Global concern regarding shark harvest and management. Low productivity. Lack of scientific knowledge.	Nearshore Watch List Species
fish	Hemilepidotus hemilepidotus	Red Irish Lord	not observed			Minor commercial and recreational harvest. Collected for public aquarium display. Population status unknown.	Nearshore Watch List Species
fish	Hemilepidotus spinosus	Brown Irish Lord	not observed			Recreational harvest. May be getting reported as Red Irish lord. Little known about abundance.	Nearshore Watch List Species
Fish	Hexagrammos decagrammus	Kelp greenling	not observed				Nearshore Strategy Species
Fish	Hexagrammos lagocephalus	Rock greenling	not observed				Nearshore Strategy Species
fish	Hippoglossoides elassodon	Flathead sole	not observed			Commercial harvest. Population status unknown.	Nearshore Watch List Species
fish	Hydrolagus coliei	Spotted ratfish	not observed			Low productivity.	Nearshore Watch List Species
Fish	Hypomesus pretiosus	Serf smelt	not observed				Nearshore Strategy Species
fish	Isoopsetta isolepis	Butter sole	not observed			Commercial and recreational harvest. Population status unknown.	Nearshore Watch List Species
fish	Isurus oxyrinchus	Shortfin mako shark/Bonito shark	not observed			Global concern regarding shark harvest and management. Low productivity. Lack of scientific knowledge.	Nearshore Watch List Species
fish	Lamna ditropis	Salmon shark	not observed			Global concern regarding shark harvest and management. Low productivity. Lack of scientific knowledge	Nearshore Watch List Species
Fish	Lampetra ayresii	Western River Lamprey	not observed				Nearshore Strategy Species
fish	Lepidopsetta bilineata	Rock sole	not observed			Commercial and recreational harvest. Population status unknown	Nearshore Watch List Species
fish	Leptocottus armatus	Pacific staghorn sculpin	not observed			Recreational catch. Little known about abundance.	Nearshore Watch List Species
fish	Mustelus henli	Brown smoothhound	not observed			Global concern regarding shark harvest and management. Low productivity. Lack of scientific knowledge.	Nearshore Watch List Species
fish	Oligocottus maculosus	Tidepool sculpin	Presence observed	Otter Rock Marine Garden	inaturalist		
fish	Oligocottus snyderi	Fluffy sculpin	Presence observed	Otter Rock Marine Garden	inaturalist		
Fish	Oncorhynchus clarki	Coastal cutthroat trout	not observed				Nearshore Strategy Species
Fish	Oncorhynchus keta	Chum salmon	not observed				Nearshore Strategy Species
Fish	Oncorhynchus kisutch	Coho salmon	not observed				Nearshore Strategy Species
Fish	Oncorhynchus tshawytscha	Chinook salmon	not observed				Nearshore Strategy Species
Fish	Ophiodon elongatus	Lingcod	not observed				Nearshore Strategy Species
fish	Paralichthys californicus	California halibut	not observed			Certain years found and caught on OR's south coast. Population status unknown	Nearshore Watch List Species
Fish	Platichthys stellatus	Starry flounder	not observed				Nearshore Strategy Species
fish	Pleuronectes vetulus	English Sole	not observed			Sport and commercial harvest. Formal stock assessment has been conducted.	Nearshore Watch List Species



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fish	Pleuronichthys decurrens	Curlfin turbot (sole)	not observed			Commercial harvest. Population status unknown	Nearshore Watch List Species
fish	Prionace glauca	Blue shark	not observed			Global concern regarding shark harvest and management. Low productivity. Lack of scientific knowledge	Nearshore Watch List Species
fish	Psettichthys melanostictus	Sand sole	not observed			Commercial and recreational harvest. Population status unknown.	Nearshore Watch List Species
Fish	Raja binoculata	Big skate	not observed				Nearshore Strategy Species
fish	Raja inornata	California skate	not observed			Late maturation, longevity, and low productivity. Inadequate population status information.	Nearshore Watch List Species
Fish	Rhacochilus vacca	Pile perch	not observed				Nearshore Strategy Species
fish	Sardinops sagax	Pacific sardine	not observed			Forage fish known to have large population fluctuations thought to be linked to environmental change, but mechanisms not understood. Target of commercial fisheries.	Nearshore Watch List Species
Fish	Scorpaenichthys marmoratus	Cabezon	Presence observed	Within proposed site	Personal communication		Nearshore Strategy Species
Fish	Sebastes auriculatus	Brown rockfish	not observed				Nearshore Strategy Species
fish	Sebastes carnatus	Gopher rockfish	not observed			Low productivity with periodic recruitment dependent on favorable oceanic conditions. Inadequate population status information.	Nearshore Watch List Species
Fish	Sebastes caurinus	Copper rockfish	not observed				Nearshore Strategy Species
fish	Sebastes chrysomelas	Black and yellow rockfish	not observed			Low to moderate productivity. Commercial harvest. Periodic recruitment dependent on favorable oceanic conditions. OR northern extent of range.	Nearshore Watch List Species
Fish	Sebastes diaconus	Deacon rockfish	Presence observed	Within proposed site	Personal communication		Nearshore Strategy Species
Fish	Sebastes flavidus	Yellowtail rockfish	Presence observed	Within proposed site	Personal communication		Nearshore Strategy Species
Fish	Sebastes maliger	Quillback rockfish	not observed				Nearshore Strategy Species
Fish	Sebastes melanops	Black rockfish	Presence observed	Within proposed site	Personal communication		Nearshore Strategy Species
Fish	Sebastes miniatus	Vermillion rockfish	not observed				Nearshore Strategy Species
Fish	Sebastes mystinus	Blue rockfish	not observed				Nearshore Strategy Species
Fish	Sebastes nebulosus	China rockfish	not observed				Nearshore Strategy Species
Fish	Sebastes nigrocinctus	Tiger rockfish	not observed				Nearshore Strategy Species
fish	Sebastes paucispinis	Bocaccio	not observed			Low productivity. Northern stock population abundance unknown	Nearshore Watch List Species
Fish	Sebastes pinniger	Canary rockfish	Presence observed	Within proposed site	Personal communication		Nearshore Strategy Species
Fish	Sebastes rastrelliger	Grass rockfish	Presence observed	Within proposed site	Personal communication		Nearshore Strategy Species
Fish	Sebastes ruberrimus	Yelloweye rockfish	not observed				Nearshore Strategy Species
Fish	Spirinchus thaleichthys	Longfin smelt	not observed				Nearshore Strategy Species

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Category	Species of Interest (scientific name)	Common Name	Presence/not observed	Location	Data Source	Notes about species	Notes
Fish	<i>Squalus acanthias</i>	Spiny dogfish	not observed				Nearshore Strategy Species
fish	<i>Squatina californica</i>	Pacific angel shark	not observed			Global concern regarding shark harvest and management. Low productivity. Lack of scientific knowledge.	Nearshore Watch List Species
Fish	<i>Thaleichthys pacificus</i>	Eulachon	not observed				Nearshore Strategy Species
fish	<i>Triakis semifasciata</i>	Leopard shark	not observed			Global concern regarding shark harvest and management. Low productivity. Lack of scientific knowledge. Collected for public aquarium display	Nearshore Watch List Species
fish	<i>Trichodon trichodon</i>	Pacific sandfish	not observed			Forage fish. Population status unknown and life history information limited.	Nearshore Watch List Species
invertebrate	<i>Anthropleura elegantissima</i>	Aggregating anemone		Otter Crest	ODFW Biological Survey		
invertebrate	<i>Anthropleura elegantissima</i>	Aggregating anemone		Boiler Bay	ODFW Biological Survey		
invertebrate	<i>Anthropleura xanthogrammica</i>	Giant green anemone	Presence observed	Otter Rock Marine Garden	inaturalist		
invertebrate	<i>Antiopella fusca</i>	White-and-orange tipped nudibranch	Presence Observed	Otter Rock Marine Garden	inaturalist		
invertebrate	<i>Balanus glandula</i>	Acorn barnacle		Boiler Bay	ODFW Biological Survey		
invertebrate	<i>Balanus glandula</i>	Acorn barnacle		Otter Rock	MARINE		
invertebrate	<i>Cancer magister</i>	Dungeness crab	not observed				Nearshore Strategy Species
invertebrate	<i>Cancer productus</i>	Red rock crab	not observed			Potential for harvest concerns. Not actively managed (though has regulations in place). Population status and trend information lacking.	Nearshore Watch List Species
invertebrate	<i>Chthamalus dalli</i>			Boiler Bay	ODFW Biological Survey		
invertebrate	<i>Chthamalus dalli</i>			Otter Crest	ODFW Biological Survey		
invertebrate	<i>Chthamalus dalli</i>			Otter Rock	MARINE		
invertebrate	<i>Clinocardium nuttallii</i>	Cockle clam	not observed			Important commercial and recreational species. Subtidal broodstock unknown. Limited information on essential habitat.	Nearshore Watch List Species
invertebrate	<i>Crassadoma gigantea</i>	Rock scallop	not observed				Nearshore Strategy Species
invertebrate	<i>Cryptochiton stelleri</i>	Gumboot Chiton	Presence observed	Otter Rock Marine Garden	inaturalist		
invertebrate	<i>Diaulula odonoghuei</i>	Spotted leopard dorid	Presence observed	Otter Rock Marine Garden	inaturalist		
invertebrate	<i>Doris montereyensis</i>	Monterey doris	Presence observed	Otter Rock Marine Garden	inaturalist		
invertebrate	<i>Doryteuthis opalescens</i>	Market squid	not observed			Important prey. Used in medical research. Commercial and recreational harvest.	Nearshore Watch List Species
invertebrate	<i>Enteroctopus dofleini</i>	Pacific giant octopus	not observed				Nearshore Strategy Species
invertebrate	<i>Epiactis prolifera</i>	Brooding anemone	Presence observed	Otter Rock Marine Garden	inaturalist		

CF Rocky Habitat Species List

Category	Species of Interest (scientific name)	Common Name	Presence/not observed	Location	Data Source	Notes about species	Notes
invertebrate	Fusitriton oregonensis	Oregon triton	not observed			Potential for extended planktonic larval duration up to 4.5 years. Commercial harvest of all snails prohibited. Oregon state seashell.	Nearshore Watch List Species
invertebrate	Haliclona cinerea		Presence observed	Otter Rock Marine Garden	inaturalist		
invertebrate	Hemigrapsus nudus	Purple shore crab	Presence observed	Otter Rock Marine Reserve	inaturalist		
invertebrate	Haliotis rufencens	Red abalone	not observed				Nearshore Strategy Species
invertebrate	Haliotis walallensis	Flat abalone	not observed				Nearshore Strategy Species
invertebrate	Katharina tunicata	Black leather chiton	Presence observed	Otter Rock Marine Garden	inaturalist		
invertebrate	Leathesia marina	Sea Cauliflower	Presence observed	Otter Rock Marine Garden	inaturalist		
invertebrate	Leukoma staminea	Native littleneck clam	not observed				Nearshore Strategy Species
invertebrate	Lottia persona	Mask limpet	Presence observed	Otter Rock Marine Garden	inaturalist		
invertebrate	Mesocentrotus franciscanus	Red sea urchin	not observed				Nearshore Strategy Species
invertebrate	Mopalia muscosa	Mossy chiton	Presence observed	Otter Rock Marine Garden	inaturalist		
invertebrate	Mytilus californianus	California Mussel		Otter Rock	MARINE	dominant component of communities; declining, especially in lower intertidal	PISCO/DLCD Species of interest
Invertebrate	Mytilus californianus	California Mussel		Boiler Bay	ODFW Biological Survey		
invertebrate	Mytilus californianus	California Mussel	not observed				
invertebrate	Mytilus trossulus	black mussel	not observed			major component of communities; short-lived, highly dynamic abundances, major food source for intertidal predators and gulls,	PISCO/DLCD Species of interest
invertebrate	Nucella canaliculata	channeled dog winkle	not observed			mostly low intertidal, responsive to abundance of M. trossulus; abundant only where M. trossulus is abundant	PISCO/DLCD Species of interest
invertebrate	Nucella ostrina	Northern striped dogwinkle	Presence observed	Otter Rock Marine Garden	inaturalist	low to upper mid zone, responsive to abundance of M. trossulus but a more generalized predator eating barnacles as well	PISCO/DLCD Species of interest
invertebrate	Onithochiton literatus	Black chiton	Presence observed	Otter Rock Marine Garden	inaturalist		
invertebrate	Ostrea lurida	Olympia oyster	not observed				Nearshore Strategy Species
invertebrate	Pachygrapsus crassipes	Striped shore crab	Presence observed	Otter Rock Marine Garden	inaturalist		
invertebrate	Pandalus danae	Coonstribie or Dock shrimp	not observed			Population status in Oregon unknown. Target of commercial fishery in CA.	Nearshore Watch List Species
invertebrate	Parastichopus californicus	California sea cucumber	not observed			May be important agents of bioturbation; during feeding and reworking of surface sediments, they can alter the structure of soft-bottom benthic communities	Nearshore Watch List Species

CF Rocky Habitat Species List

Category	Species of Interest (scientific name)	Common Name	Presence/not observed	Location	Data Source	Notes about species	Notes
invertebrate	Penitella penita	Flat-tipped piddock	not observed			Important commercial and recreational species. Subtidal broodstock unknown. Limited information on essential habitat.	Nearshore Watch List Species
invertebrate	Pisaster ochraceus	Ochre Sea Star	Presence observed	Otter Rock Marine Garden	inaturalist	major role in structuring communities; declines due to sea star wasting	PISCO/DLCD Species of interest
invertebrate	Pugettia producta	Northern kelp crab	Presence observed	Otter Rock Marine Garden	inaturalist		
invertebrate	Pollicipes polymerus	gooseneck barnacle		Otter Rock	MARINE	"boom - bust" species; currently very abundant, competes with M californianus for space, also facilitates M calif	PISCO/DLCD Species of interest
invertebrate	Pycnopodia helianthoides	Sunflower star	not observed				Nearshore Strategy Species
invertebrate	Rostanga pulchra	Red dorid	Presence observed	Otter Rock Marine Garden	inaturalist		
invertebrate	Saxidomus gigantean	Butter clam	not observed			Important commercial and recreational species. Subtidal broodstock unknown. Limited information on essential habitat	Nearshore Watch List Species
invertebrate	Semibalanus cariosus	Thatched barnacle	Presence observed	Otter Rock Marine Garden	inaturalist		
invertebrate	Siliqua patula	Razor clam	not observed				Nearshore Strategy Species
invertebrate	Strongylocentrotus purpuratus	Purple sea urchin	Presence observed	Otter Rock Marine Garden	inaturalist		PISCO/DLCD Species of interest
invertebrate			not observed				
invertebrate	Tegula funbreilis	Black tegula	Presence observed	Otter Rock Marine Garden	inaturalist		
invertebrate	Tonicella lineata	Lined chiton	Presence observed	Otter Rock Marine Garden	inaturalist		
invertebrate	Tresus capax	Fat gaper clam	not observed			Important commercial and recreational species. Subtidal broodstock unknown. Limited information on essential habitat.	Nearshore Watch List Species
invertebrate	Tribe ptiloteae		Presence observed	Otter Rock Marine Garden	inaturalist		
invertebrate	Urticina clandestina	Pacific stubby rose anemone	Presence observed	Otter Rock Marine Garden	inaturalist		
invertebrate	Upogebia pugettensis	Blue mud shrimp	not observed				Nearshore Strategy Species
Marine Mamm	Emumetopias jubatus	Steller sea lion	not observed				Nearshore Strategy Species
Marine Mamm	Enhydra lutris	Sea otter	not observed			Documented sporadic occurrences along the OR coast thought to be strays from WA rather than established OR population. Population status in OR unknown.	Nearshore Watch List Species
Marine Mamm	Eschrichtius robustus	Gray whale	not observed				Nearshore Strategy Species
Marine Mamm	Mirounga angustirostris	Northern elephant seal	not observed				Nearshore Strategy Species
Marine Mamm	Orcinus orca	Killer whale	not observed				Nearshore Strategy Species
Marine Mamm	Phoca vitulina	Pacific harbor seal	Presence observed	Otter Rock Marine Garden	inaturalist		Nearshore Strategy Species

CF Rocky Habitat Species List

Category	Species of Interest (scientific name)	Common Name	Presence/not observed	Location	Data Source	Notes about species	Notes
Marine Mamm	Phocoena phocoena	Harbor porpoise	not observed				Nearshore Strategy Species
red alga	Bossiella plumosa	coralline algae		Otter Rock	MARINE	important to kelp recruitment	PISCO/DLCD Species of interest
	Corallina spp			Otter Rock	MARINE		
red alga	Mazzaella flaccida		not observed			similar to M splendens, a bit higher on shore	PISCO/DLCD Species of interest
red alga	Mazzaella splendens	Iridescent Weed		Otter Rock	MARINE	patchily abundant among coastal sites, often a dominant species in low zone (e.g., around Cape Blanco), responsive to nutrient depletion	PISCO/DLCD Species of interest
red alga	Neoptilota densa		Presence observed	Otter Rock Marine Garden	inaturalist		
red alga	Neorhodomela larix	Black Pine	not observed			characteristic of relatively less exposed benches, an important recruitment facilitator for surfgrass seeds	PISCO/DLCD Species of interest
Pyropia spp	Pyropia spp			Otter Rock	MARINE		
vascular plant	Phyllospadix scouleri	Surfgrass		Otter Rock	MARINE	dominant component of lower intertidal communities; dominant competitor to algal turfs	PISCO/DLCD Species of interest
vascular plant	Zostera marina	Native eelgrass	not observed				Nearshore Strategy Species
algae	Ulvophyceae			Otter Rock	MARINE		
algae	Ceramiales			Otter Rock	MARINE		
algae	Microcladia borealis	Coarse sealace		Otter Rock	MARINE		
algae	Cladophora columbiana	Green pin-cushion alga	Presence observed	Otter Rock Marine Garden	inaturalist		
algae	Codium sechellii	Green spongy cushion	Presence observed	Otter Rock Marine Garden	inaturalist		





177 species (+38 other taxa)

[Pectoral Sandpiper](#)



Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

[Western Sandpiper](#)



peep sp.



Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Calidris sp.



[Long-billed Dowitcher](#)



Short-billed/Long-billed Dowitcher



[Red-necked Phalarope](#)



[Red Phalarope](#)



phalarope sp.



[Spotted Sandpiper](#)



[Wandering Tattler](#)



[Greater Yellowlegs](#)



[Lesser Yellowlegs](#)



shorebird sp.



[Parasitic Jaeger](#)



Pomarine/Parasitic Jaeger



jaeger sp.



[Common Murre](#)



Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

[Pigeon Guillemot](#)



[Marbled Murrelet](#)



[Ancient Murrelet](#)



murrelet sp.



[Cassin's Auklet](#)



[Rhinoceros Auklet](#)



auklet sp.



[Horned Puffin](#)



[Tufted Puffin](#)



alcid sp.



[Black-legged Kittiwake](#)



[Bonaparte's Gull](#)



[Heermann's Gull](#)



[Mew Gull](#)



[Ring-billed Gull](#)



Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

[Western Gull](#)







177 species (+38 other taxa)



177 species (+38 other taxa)



177 species (+38 other taxa)



[Download Histogram Data](#)

**KEY:** [dotted pattern] = insufficient data | [solid green bar] = rare to widespread

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