The control of the co	Category	Species of Interest (scientific name)	Common Name	Counts	Presence/not observed	Percent Cover	Location	Time period of observation	Data Source	Notes about species	Notes
Description	category	Species of interest (sections name)	common reame	counts .	resence, not observed	r creent cover	Location	Time period or observation		Hotes about species	Hotes
Company   Comp	Bird	Brachvramphus marmoratus	Marbled Murrelet		observed		Tillamook Head				Nearshore Strategy Species
The second comment of the comment of	Bird		Black Brant								
Column Column   Column Programs   Column Progr											
Service de la se										Highly dependent on specific nearshore	
set des verse production of the production of th										feeding areas during migration. Susceptible	
Control   Cont										to coastal habitat disturbance, degradation	
Control Color   Color Color Color   Color Color   Color Color Color Color   Color Color Color Color Color Color										and destruction. Current population size	
Control protections of the control o										unknown. Populations highly variable among	
Programment in the company of the co	Bird	Calidris alba	Sanderling		observed					years. Potential for long term declines.	Nearshore Watch List Species
Programment production, comments  The Country Internal Programment of Country Country  The Country Internal Programment of Country  The Country Internal Pro	Bird	Calidris ptilocnemis	Rock Sandpiper		not observed				USFW 1988		
Seguential Agent Calebra Committed Agent Calebra Commi										Population potentially declining, data	
### TRANSPORT OF THE PROPERTY										inadequate. Vulnerable to ground predators,	
Septiment of Computer Septiment 2 (1997) Septiment Septiment 2 (1997) Septiment Septiment 2 (1997) Septiment Septime										oil spills and environmental change.	
Rest in horse an arthresis water water for entire water water and an entire water and and an entire water and and an entire water and an entir									https://mail.google.com/mail/u/1/#inbox/FMfcgxwKjBLTRRJ	Breeding attempts may fail during climatic	
Red Cember amounteeth Phanescen Aular distance of the control of t	Bird	Cepphus columba	Pigeon Guillemot		observed				dClbjXWPZBCgnHXvc?projector=1&messagePartId=0.2	shifts (e.g., climate change).	Nearshore Watch List Species
Performance and the common of										Nests in burrows on offshore islands.	
Performance and the common of										Forages in nearshore waters while nesting.	
Procession of the control of the c											
Committee   Comm											
Committee   Comm	Bird	Cerohinca monocerata	Rhinoceros Auklet		observed					disturbance and oil spills.	Nearshore Watch List Species
Material Association   Material Association   Material   Tillumon Need   Til				1 1					https://www.oregonconservationstrategy.org/conservation-		
Style desperation between the style of prices and state of the style o	Bird	Charadrius alexandrinus	Western Snowy Plover	1 1	observed		Tillamook Head				Nearshore Strategy Species
The description between the process of the process				1 1					https://www.oregonconservationstrategy.org/conservation-		
The description between the process of the process	Bird	Fratercula cirrhata	Tufted Puffin		observed		Tillamook Head		opportunity-area/tillamook-head/		Nearshore Strategy Species
By dychopoge capital Capital Form   Distance   Distance									https://www.oregonconservationstrategy.org/conservation-		, , ,
By dychopoge capital Capital Form   Distance   Distance	Bird	Haematopus bachmani	Black Oystercatcher		observed		Tillamook Head				Nearshore Strategy Species
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Def Oceanodomo Forces   deborred   Tillamook Head   Supportunity are all future of the property of the propert		.,,,		1 1							0)
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Contractions inscirated   Contraction   Co											0)
Residence Societation Confirms Brown Pattern    Pattern	Bird	Oceanodroma leucorhoa	Leach's Storm Petrel		observed		Tillamook Head				Nearshore Strategy Species
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Bird Pychoramphus alsedicus Casain's Aublet observed Subserved Sub	Bird	Phalacrocorax nelagicus	Pelagic Cormorant	1 1	ohserved				dClhiXWP7RCgnHXvc?nroiector=1&messagePartId=0.2		Nearshore Watch List Species
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fish Alopias vulpinus Common thresher not observed scientific knowledge. Nearshore Watch List Species  Fish Ammodytes hexapterus Pacific sand lance observed bull-ammodytes-hexapterus.html Nearshore Strategy Species  Fish Amphistichus rhodoterus Redtail surfperch observed rockaway beach rhodoterus Redtail surfperch observed solven prockaway beach rhodoterus Redtail surfperch observed Nearshore Strategy Species			1								
https://www.centralcoastbiodiversity.org/pacific-sand-lance Fish Ammodytes hexapterus Pacific sand lance observed bull-ammodytes-hexapterus.html Nearshore Strategy Species https://www.inaturalist.org/taxa/117552-Amphistichus- fish Amphistichus rhodoterus Redtail surfperch observed rockaway beach rhodoterus Nearshore Strategy Species		L	l	1 1							
Fish Ammodytes hexapterus Pacific sand lance observed bull-ammodytes-hexapterus.html Nearshore Strategy Species https://www.inaturalist.org/taxa/117552-Amphistichus- Fish Amphistichus rhodoterus Redtail surfperch observed rockaway beach rhodoterus Nearshore Strategy Species	fish	Alopias vulpinus	Common thresher	1	not observed					scientific knowledge.	Nearshore Watch List Species
https://www.inaturalist.org/taxa/117552-Amphistichus- Fish Amphistichus rhodoterus Redtail surfperch observed rockaway beach rhodoterus Nearshore Strategy Species	L.	1	L	1 1							
Fish Amphistichus rhodoterus Redtail surfperch observed rockaway beach rhodoterus Nearshore Strategy Species	Fish	Ammodytes hexapterus	Pacific sand lance		observed						Nearshore Strategy Species
			1								
Fish   Anarrhichthys ocellatus   Wolf-eel   observed   https://aguarium.org/animals/wolf-eel/   Nearshore Strategy Species							rockaway beach				
metalia-a	Fish	Anarrhichthys ocellatus	Wolf-eel		observed			l	https://aquarium.org/animals/wolf-eel/		Nearshore Strategy Species

Fish	Atherinops affinis	Topsmelt	observed	seaside		T	Managhara Chaptara Canada
FISH	Athermops annis	Topsmeit	observed	Seaside	https://www.inaturalist.org/taxa/94801-Atherinops-affinis		Nearshore Strategy Species
1						Global concern regarding shark harvest and	
						management. Low productivity. Lack of	
						scientific knowledge regarding movements,	
1					https://www.floridamuseum.ufl.edu/discover-fish/species-	spawning season, spawning grounds, and	
fish	Carcharodon carcharias	White shark	observed		profiles/carcharodon-carcharias/	fecundity of females, population abundance.	Nearshore Watch List Species
6.1	C. L. C. L.	Maria Constitution				Concerns regarding potential of increased	No. of the second second
fish	Cebidichthys violaceus Citharichthys sordidus	Monkeyface prickleback Pacific sanddab	not observed observed	<del> </del>		harvest in OR (actively harvested in CA Commercial and recreational harvest	Nearshore Watch List Species Nearshore Watch List Species
Fish	Clupea pallasii	Pacific herring	observed	cannon beach	https://www.inaturalist.org/taxa/117571-Clupea-pallasii	Commercial and recreational narvest	Nearshore Strategy Species
					, , , , , , , , , , , , , , , , , , ,	Concerns that they're being caught and	
1						reported/confused with Monkeyface	
1					https://wdfw.wa.gov/species-	pricklebacks. Inadequate population status	
fish	Cryptacanthodes giganteus	Giant wrymouth	observed		habitats/species/cryptacanthodes-giganteus#desc-range	information.	Nearshore Watch List Species
ł					https://www.inaturalist.org/taxa/98855-Cymatogaster-		
Fish	Cymatogaster aggregata	Shiner perch	observed	seaside	aggregata		Nearshore Strategy Species
r:-L	Embiotoca lateralis	Striped perch	obsered		https://sanctuarysimon.org/dbtools/species- database/id/195/embiotoca/lateralis/striped-perch		Nearshore Strategy Species
Fish	Engraulis mordax	Northern anchovy	observed	seaside	https://www.inaturalist.org/taxa/63770-Engraulis-mordax		Nearshore Strategy Species Nearshore Strategy Species
FISH	Eligiaulis Illoruax	Northern anchovy	observed	Seasine	Inteps.//www.maturanst.org/taxa/05/70-Engrauns-moruax	Recreational harvest. Little known about	Nearshore strategy species
fish	Enophrys bison	Buffalo sculpin	observed			abundance.	Nearshore Watch List Species
Fish	Entosphenus tridentatus	Pacific lamprey	observed				Nearshore Strategy Species
1						Global concern regarding shark harvest and	
					https://www.montereybayaquarium.org/animals/animals-a-	management. Low productivity. Lack of	
fish	Galeorhinus galeus	Soupfin shark	observed	1	to-z/soupfin-shark	scientific knowledge.	Nearshore Watch List Species
i						Minor commercial and recreational harvest.	
fich	Hamilanidatus hamilanidatus	Rod Irish Lord	observed	rockaway hoach	https://www.inaturalist.org/taxa/221165-Hemilepidotus-	Collected for public aquarium display.	Noarchara Watch List Si
TISN	Hemilepidotus hemilepidotus	Red Irish Lord	observed	rockaway beach	hemilepidotus	Population status unknown.  Recreational harvest. May be getting	Nearshore Watch List Species
ł						reported as Red Irish lord. Little known	
fish	Hemilepidotus spinosus	Brown Irish Lord	observed			about abundance.	Nearshore Watch List Species
	,				https://www.inaturalist.org/taxa/68596-Hexagrammos-		
Fish	Hexagrammos decagrammus	Kelp greenling	observed	rockaway beach	decagrammus		Nearshore Strategy Species
					https://www.inaturalist.org/taxa/68594-Hexagrammos-		
Fish	Hexagrammos lagocephalus	Rock greenling	observed	rockaway beach	lagocephalus		Nearshore Strategy Species
l		L				Commercial harvest. Population status	L
fish	Hippoglossoides elassodon	Flathead sole Spotted ratfish	observed observed	oswald west state park		unknown.	Nearshore Watch List Species Nearshore Watch List Species
IISII	Hydrolagus colliei	Spotted ratiisn	observed	oswaid west state park	https://www.inaturalist.org/taxa/84182-Hydrolagus-colliei https://oregonconservationstrategy.org/strategy-	Low productivity.	Nearshore watch List species
Fish	Hypomesus pretiosus	Serf smelt	observed		species/surf-smelt/		Nearshore Strategy Species
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				https://wdfw.wa.gov/species-habitats/species/isopsetta-	Commercial and recreational harvest.	, , , , , , , , , , , , , , , , , , , ,
fish	Isopsetta isolepis	Butter sole	observed		isolepis	Population status unknown.	Nearshore Watch List Species
						Global concern regarding shark harvest and	
1						management. Low productivity. Lack of	
fish	Isurus oxyrinchus	Shortfin mako shark/Bonito shark	not observed			scientific knowledge.	Nearshore Watch List Species
1						Global concern regarding shark harvest and	
£:_L	Lamna ditropis	Salmon shark	observed		https://www.inaturalist.org/taxa/62739-Lamna-ditropis	management. Low productivity. Lack of	Name - Na
Fish	Lamna ditropis Lampetra ayresii	Western River Lamprey	observed	cape meares	https://www.inaturalist.org/taxa/62/39-Lamna-ditropis https://www.inaturalist.org/taxa/103971-Lampetra-avresii	scientific knowledge	Nearshore Watch List Species Nearshore Strategy Species
	compessa ayresii	Westerniver camprey	0030.700	<del>                                     </del>	TICLES TO THE WASHINGTON AND THE TOTAL TOT	Commercial and recreational harvest.	realistore of ategy openes
fish	Lepidopsetta bilineata	Rock sole	observed		https://www.fisheries.noaa.gov/species/rock-sole	Population status unknown	Nearshore Watch List Species
				1	https://www.inaturalist.org/taxa/49163-Leptocottus-	Recreational catch. Little known about	·
fish	Leptocottus armatus	Pacific staghorn sculpin	observed	cannon beach	armatus	abundance.	Nearshore Watch List Species
i <u></u>						Global concern regarding shark harvest and	
L		1	l			management. Low productivity. Lack of	L
			observed			scientific knowledge.	Nearshore Watch List Species
115[]	Mustelus henli	Brown smoothhound	i				
Fich			observed		https://www.floridamuseum.ufl.edu/discover-fish/species-		Nearthern Strategy Species
Fish	Mustelus henli Oncorhynchus clarki	Brown smoothhound  Coastal cutthroat trout	observed		profiles/mustelus-henlei/		Nearshore Strategy Species
Fish Fish			observed observed	seaside			
	Oncorhynchus clarki	Coastal cutthroat trout		seaside	profiles/mustelus-henlei/ https://www.inaturalist.org/taxa/107572-Oncorhynchus-		Nearshore Strategy Species  Nearshore Strategy Species  Nearshore Strategy Species
Fish	Oncorhynchus clarki Oncorhynchus keta	Coastal cutthroat trout	observed	seaside	profiles/mustelus-henlei/ https://www.inaturalist.org/taxa/107572-Oncorhynchus- keta https://www.inaturalist.org/taxa/54191-Oncorhynchus-		Nearshore Strategy Species
Fish	Oncorhynchus clarki Oncorhynchus keta	Coastal cutthroat trout	observed	seaside inland of seaside	profiles/mustelus-henlei/ https://www.inaturalist.org/taxa/107572-Oncorhynchus- keta https://www.inaturalist.org/taxa/54191-Oncorhynchus- tshawytscha		Nearshore Strategy Species
Fish Fish	Oncorhynchus clarki Oncorhynchus keta Oncorhynchus kisutch Oncorhynchus tshawytscha	Coastal cutthroat trout Chum salmon Coho salmon Chinook salmon	observed observed	inland of seaside	profiles/mustelus-henlei/ https://www.inaturalist.org/taxa/107572-Oncorhynchus- keta  https://www.inaturalist.org/taxa/54191-Oncorhynchus- tshaw/tscha https://www.inaturalist.org/taxa/52539-Ophiodon-		Nearshore Strategy Species Nearshore Strategy Species Nearshore Strategy Species
Fish Fish	Oncorhynchus clarki Oncorhynchus keta Oncorhynchus kisutch	Coastal cutthroat trout Chum salmon Coho salmon	observed observed		profiles/mustelus-henlei/ https://www.inaturalist.org/taxa/107572-Oncorhynchus- keta  https://www.inaturalist.org/taxa/54191-Oncorhynchus- tshawytscha https://www.inaturalist.org/taxa/52539-Ophiodon- elongatus		Nearshore Strategy Species Nearshore Strategy Species
Fish Fish	Oncorhynchus clarki Oncorhynchus keta Oncorhynchus kisutch Oncorhynchus tshawytscha Ophiodon elongatus	Coastal cutthroat trout Chum salmon Coho salmon Chinook salmon Lingcod	observed observed observed observed	inland of seaside	profiles/mustelus-henlei/ https://www.inaturalist.org/taxa/107572-Oncorhynchus- keta https://www.inaturalist.org/taxa/54191-Oncorhynchus- tshaw/tscha https://www.inaturalist.org/taxa/52539-Ophiodon- elongatus https://caseagrant.ucsd.edu/seafood-profiles/california-	Certain years found and caught on OR's	Nearshore Strategy Species Nearshore Strategy Species Nearshore Strategy Species Nearshore Strategy Species
Fish Fish	Oncorhynchus clarki Oncorhynchus keta Oncorhynchus kisutch Oncorhynchus tshawytscha	Coastal cutthroat trout Chum salmon Coho salmon Chinook salmon	observed observed	inland of seaside	profiles/mustelus-henlei/ https://www.inaturalist.org/taxa/107572-Oncorhynchus- keta  https://www.inaturalist.org/taxa/54191-Oncorhynchus- tshawytscha https://www.inaturalist.org/taxa/52539-Ophiodon- elongatus https://caseagrant.ucsd.edu/seafood-profiles/california- hailbut	Certain years found and caught on OR's south coast. Population status unknown	Nearshore Strategy Species Nearshore Strategy Species Nearshore Strategy Species
Fish Fish Fish fish	Oncorhynchus keta Oncorhynchus kisutch Oncorhynchus tisutch Oncorhynchus tshawytscha Ophiodon elongatus Paralichthys californicus	Coastal cutthroat trout  Chum salmon  Coho salmon  Chinook salmon  Lingcod  California halibut	observed observed observed observed observed	inland of seaside sunset beach	profiles/mustelus-henlei/ https://www.inaturalist.org/taxa/107572-Oncorhynchus- keta  https://www.inaturalist.org/taxa/54191-Oncorhynchus- tshawytscha https://www.inaturalist.org/taxa/52539-Ophiodon- elongatus https://caseagrant.ucsd.edu/seafood-profiles/california- halibut https://www.inaturalist.org/taxa/83170-Platichthys-		Nearshore Strategy Species
Fish Fish	Oncorhynchus clarki Oncorhynchus keta Oncorhynchus kisutch Oncorhynchus tshawytscha Ophiodon elongatus	Coastal cutthroat trout Chum salmon Coho salmon Chinook salmon Lingcod	observed observed observed observed	inland of seaside	profiles/mustelus-henlei/ https://www.inaturalist.org/taxa/107572-Oncorhynchus- keta  https://www.inaturalist.org/taxa/54191-Oncorhynchus- tshawytscha https://www.inaturalist.org/taxa/52539-Ophiodon- elongatus https://caseagrant.ucsd.edu/seafood-profiles/california- hailbut	south coast. Population status unknown	Nearshore Strategy Species Nearshore Strategy Species Nearshore Strategy Species Nearshore Strategy Species
Fish Fish Fish Fish	Oncorhynchus keta Oncorhynchus kisutch Oncorhynchus tisutch Oncorhynchus tshawytscha Ophiodon elongatus Paralichthys californicus	Coastal cutthroat trout  Chum salmon  Coho salmon  Chinook salmon  Lingcod  California halibut	observed observed observed observed observed	inland of seaside sunset beach	profiles/mustelus-henlei/ https://www.inaturalist.org/taxa/107572-Oncorhynchus- keta  https://www.inaturalist.org/taxa/54191-Oncorhynchus- tshawytscha https://www.inaturalist.org/taxa/52539-Ophiodon- elongatus https://caseagrant.ucsd.edu/seafood-profiles/california- halibut https://www.inaturalist.org/taxa/83170-Platichthys-		Nearshore Strategy Species
Fish Fish Fish Fish Fish	Oncorhynchus clarki Oncorhynchus keta Oncorhynchus kisutch Oncorhynchus tshawytscha Ophiodon elongatus Paralichthys californicus Platichthys stellatus	Coastal cutthroat trout  Chum salmon  Coho salmon  Chinook salmon  Lingcod  California halibut  Starry flounder	observed observed observed observed observed observed observed	inland of seaside sunset beach seaside	profiles/mustelus-henlei/ https://www.inaturalist.org/taxa/107572-Oncorhynchus- keta  https://www.inaturalist.org/taxa/54191-Oncorhynchus- tshaw/tscha https://www.inaturalist.org/taxa/52539-Ophiodon- elongatus https://caseagrant.ucsd.edu/seafood-profiles/california- hailbut https://www.inaturalist.org/taxa/83170-Platichthys- stellatus	south coast. Population status unknown  Sport and commercial harvest. Formal stock	Nearshore Strategy Species Nearshore Strategy Species Nearshore Strategy Species Nearshore Strategy Species Nearshore Watch List Species Nearshore Watch List Species

		T				Global concern regarding shark harvest and	T
e.i.	2.1	Blue shark	observed		Lu. //	management. Low productivity. Lack of scientific knowledge	Nearshore Watch List Species
TISN	Prionace glauca	Blue snark	observed	off of rockaway beach	https://www.inaturalist.org/taxa/110361-Prionace-glauca		Nearsnore watch List Species
					https://www.inaturalist.org/taxa/67991-Psettichthys-	Commercial and recreational harvest.	
fish	Psettichthys melanostictus	Sand sole	observed	cannon beach	melanostictus	Population status unknown.	Nearshore Watch List Species
Fish	Raja binoculata	Big skate	observed- theoretical				Nearshore Strategy Species
						Late maturation, longevity, and low	
						productivity. Inadequate population status	
fish	Raja inornata	California skate	not observed			information.	Nearshore Watch List Species
					https://www.centralcoastbiodiversity.org/pile-perch-bull-		
Fish	Rhacochilus vacca	Pile perch	observed		rhacochilus-vacca.html		Nearshore Strategy Species
						Forage fish known to have large population	
						fluctuations thought to be linked to	
						environmental change, but mechanisms not	
fish	Sardinops sagax	Pacific sardine	observed			understood. Target of commercial fisheries.	Nearshore Watch List Species
	, , , , , , , , , , , , , , , , , , , ,				https://www.inaturalist.org/taxa/47638-Scorpaenichthys-		
Fish	Scorpaenichthys marmoratus	Cabezon	observed	cannon beach	marmoratus		Nearshore Strategy Species
Fish	Sebastes auricluatus	Brown rockfish	observed				Nearshore Strategy Species
11311	Sebustes duricidatus	STOWN TOCKHOIL	OBSCIVES			Low productivity with periodic recruitment	rearshore strategy species
						dependent on favorable oceanic conditions.	
£:_L	C-b	Camban analytish					Named and Watch Lint County
fish Fish	Sebastes carnatus	Gopher rockfish	not observed			Inadequate population status information.	Nearshore Watch List Species
Fish	Sebastes caurinus	Copper rockfish	observed theoretical				Nearshore Strategy Species
1		1	1			Low to moderate productivity. Commercial	1
			1			harvest. Periodic recruitment dependent on	
1		1	1			favorable oceanic conditions. OR northern	1
fish	Sebastes chrysomelas	Black and yellow rockfish	not observed			extent of range.	Nearshore Watch List Species
Fish	Sebastes diaconus	Deacon rockfish	observed theoretical				Nearshore Strategy Species
Fish	Sebastes flavidus	Yellowtail rockfish	observed				Nearshore Strategy Species
Fish	Sebastes maliger	Quillback rockfish	observed				Nearshore Strategy Species
Fish	Sebastes melanops	Black rockfish	observed				Nearshore Strategy Species
Fish	Sebastes miniatus	Vermillion rockfish	observed				Nearshore Strategy Species
Fish	Sebastes mystinus	Blue rockfish	obseerved				Nearshore Strategy Species
Fish	Sebastes nebulosus	China rockfish	observed theoretical				Nearshore Strategy Species
Fish		Tiger rockfish		+			Nearshore Strategy Species
FISTI	Sebastes nigrocinctus	riger rockrish	observed			to an in the state of the state	Nearshore Strategy Species
						Low productivity. Northern stock population	
fish	Sebastes paucispinis	Bocaccio	observed		https://www.fisheries.noaa.gov/species/bocaccio	abundance unknown	Nearshore Watch List Species
Fish	Sebastes pinniger	Canary rockfish	observed theoretical				Nearshore Strategy Species
Fish	Sebastes rastrelliger	Grass rockfish	not observed				Nearshore Strategy Species
Fish	Sebastes ruberrimus	Yelloweye rockfish	observed				Nearshore Strategy Species
					https://www.fws.gov/cno/es/speciesinformation/longfin.	ht	
Fish	Spirinchus thaleichthys	Longfin smelt	observed		ml		Nearshore Strategy Species
					https://www.floridamuseum.ufl.edu/discover-fish/specie	5-	
Fish	Squalus acanthias	Spiny dogfish	observed		profiles/squalus-acanthias/		Nearshore Strategy Species
						Global concern regarding shark harvest and	
					https://oceana.org/marine-life/sharks-rays/pacific-angel-	management. Low productivity. Lack of	
fish	Squatina californica	Pacific angel shark	observed		shark	scientific knowledge.	Nearshore Watch List Species
Fish	Thaleichthys pacificus	Eulachon	observed		https://www.fisheries.noaa.gov/species/eulachon		Nearshore Strategy Species
						Global concern regarding shark harvest and	)
						management. Low productivity. Lack of	
						scientific knowledge. Collected for public	
fish	Triakis semifasciata	Leopard shark	not observed			aguarium display	Nearshore Watch List Species
11511	Iriakis semilasciata	Leopard Shark	not observed			1 /	Nearshore watch List species
e.i.	T 2 h - 1 - 1 2 h - 1 - 1	2			Lucy //	Forage fish. Population status unknown and	No. of the World Co. Co.
noff.	Trichodon trichodon	Pacific sandfish	observed	sunset beach	https://www.inaturalist.org/observations/4845487	life history information limited.	Nearshore Watch List Species
invertebrate	Cancer magister	Dungeness crab	observed	cannon beach	https://marine.ucsc.edu/sitepages/ecola_species.pdf	<del></del>	Nearshore Strategy Species
			1			Potential for harvest concerns. Not actively	
			1			managed (though has regulations in place).	
1		1	1			Population status and trend information	1
invertebrate		I David annula annula	observed	cannon beach	https://marine.ucsc.edu/sitepages/ecola_species.pdf	lacking.	Nearshore Watch List Species
	Cancer productus	Red rock crab	observed				
	Cancer productus	Red fock crab	observed			Important commercial and recreational	
	Cancer productus	Red fock crab	Observed			Important commercial and recreational species. Subtidal broodstock unknown.	
invertebrate	Clinocardium nuttallii	Cockle clam	observed	cannon beach	https://myodfw.com/crabbing-clamming/northwest-zone	species. Subtidal broodstock unknown.	Nearshore Watch List Species
invertebrate					https://myodfw.com/crabbing-clamming/northwest-zone https://www.centralcoastbiodiversity.org/rock-scallop-bu	species. Subtidal broodstock unknown. Limited information on essential habitat.	Nearshore Watch List Species
invertebrate						species. Subtidal broodstock unknown. Limited information on essential habitat.	Nearshore Watch List Species  Nearshore Strategy Species
	Clinocardium nuttallii	Cockle clam	observed	cannon beach	https://www.centralcoastbiodiversity.org/rock-scallop-bucrassodoma-gigantea.html	species. Subtidal broodstock unknown. Limited information on essential habitat.	·
invertebrate	Clinocardium nuttallii Crassadoma gigantea	Cockle clam  Rock scallop	observed	cannon beach	https://www.centralcoastbiodiversity.org/rock-scallop-bu	species. Subtidal broodstock unknown. Limited information on essential habitat.  II- Important prey. Used in medical research.	Nearshore Strategy Species
	Clinocardium nuttallii	Cockle clam	observed observed	cannon beach	https://www.centralcoastbiodiversity.org/rock-scallop-bu crassodoma-gigantea.html https://www.fisheries.noaa.gov/species/california-marke squid	species. Subtidal broodstock unknown. Limited information on essential habitat.  II Important prey. Used in medical research. Commercial and recreational harvest.	·
invertebrate	Clinocardium nuttallii  Crassadoma gigantea  Doryteuthis opalescens	Cockle clam  Rock scallop  Market squid	observed observed	cannon beach	https://www.centralcoastbiodiversity.org/rock-scallop-bu crassodoma-gigantea.html https://www.fisheries.noaa.gov/species/california-marke squid https://oceana.org/marine-life/cephalopods-crustaceans-	species. Subtidal broodstock unknown. Limited information on essential habitat.  II Important prey. Used in medical research. Commercial and recreational harvest.	Nearshore Strategy Species  Nearshore Watch List Species
invertebrate	Clinocardium nuttallii Crassadoma gigantea	Cockle clam  Rock scallop	observed observed	cannon beach	https://www.centralcoastbiodiversity.org/rock-scallop-bu crassodoma-gigantea.html https://www.fisheries.noaa.gov/species/california-marke squid	species. Subtidal broodstock unknown. Limited information on essential habitat.  II- Important prey. Used in medical research. Commercial and recreational harvest.	Nearshore Strategy Species
invertebrate	Clinocardium nuttallii  Crassadoma gigantea  Doryteuthis opalescens	Cockle clam  Rock scallop  Market squid	observed observed	cannon beach	https://www.centralcoastbiodiversity.org/rock-scallop-bu crassodoma-gigantea.html https://www.fisheries.noaa.gov/species/california-marke squid https://oceana.org/marine-life/cephalopods-crustaceans-	species. Subtidal broodstock unknown. Limited information on essential habitat.  II- Limited Information on essential habitat.  III- Limportant prey. Used in medical research. Commercial and recreational harvest.  Potential for extended planktonic larval	Nearshore Strategy Species Nearshore Watch List Species Nearshore Strategy Species
invertebrate	Clinocardium nuttallii  Crassadoma gigantea  Doryteuthis opalescens	Cockle clam  Rock scallop  Market squid	observed observed	cannon beach	https://www.centralcoastbiodiversity.org/rock-scallop-bucrassodoma-gigantea.html https://www.fisheries.noaa.gov/species/california-markesquid https://oceana.org/marine-life/cephalopods-crustaceans-other-shellfish/giant-pacific-octopus	species. Subtidal broodstock unknown. Limited information on essential habitat.  III	Nearshore Strategy Species Nearshore Watch List Species Nearshore Strategy Species
invertebrate invertebrate invertebrate	Clinocardium nuttallii  Crassadoma gigantea  Doryteuthis opalescens  Enteroctopus dofleini	Cockle clam  Rock scallop  Market squid  Pacific giant octopus	observed observed observed observed	cannon beach	https://www.centralcoastbiodiversity.org/rock-scallop-bu crassodoma-gigantea.html https://www.fisheries.noaa.gov/species/california-marke squid https://oceana.org/marine-life/cephalopods-crustaceans-	species. Subtidal broodstock unknown. Limited information on essential habitat.  II- Important prey. Used in medical research. Commercial and recreational harvest.  Potential for extended planktonic larval duration up to 4.5 years. Commercial harvest util of all snails prohibited. Oregon state	Nearshore Strategy Species  Nearshore Watch List Species  Nearshore Strategy Species
invertebrate	Clinocardium nuttallii  Crassadoma gigantea  Doryteuthis opalescens	Cockle clam  Rock scallop  Market squid	observed observed	cannon beach	https://www.centralcoastbiodiversity.org/rock-scallop-bucrassodoma-gigantea.html https://www.fisheries.noaa.gov/species/california-markesquid https://oceana.org/marine-life/cephalopods-crustaceans-other-shelfish/giant-pacific-octopus  https://www.centralcoastbiodiversity.org/oregon-triton-fishirton-oregonensis.html	species. Subtidal broodstock unknown. Limited information on essential habitat.  III	Nearshore Strategy Species Nearshore Watch List Species Nearshore Strategy Species
invertebrate invertebrate invertebrate	Clinocardium nuttallii  Crassadoma gigantea  Doryteuthis opalescens  Enteroctopus dofleini  Fusitriton oregonensis	Cockle clam  Rock scallop  Market squid  Pacific giant octopus  Oregon triton	observed observed observed observed	cannon beach	https://www.centralcoastbiodiversity.org/rock-scallop-bucrassodoma-gigantea.html https://www.fisheries.noaa.gov/species/california-markesquid https://oceana.org/marine-life/cephalopods-crustaceans-other-shellfish/giant-pacific-octopus	species. Subtidal broodstock unknown. Limited information on essential habitat.  II- Important prey. Used in medical research. Commercial and recreational harvest.  Potential for extended planktonic larval duration up to 4.5 years. Commercial harvest util of all snails prohibited. Oregon state	Nearshore Strategy Species  Nearshore Watch List Species  Nearshore Strategy Species  Nearshore Watch List Species
invertebrate invertebrate invertebrate	Clinocardium nuttallii  Crassadoma gigantea  Doryteuthis opalescens  Enteroctopus dofleini	Cockle clam  Rock scallop  Market squid  Pacific giant octopus	observed observed observed observed	cannon beach	https://www.centralcoastbiodiversity.org/rock-scallop-bucrassodoma-gigantea.html https://www.fisheries.noaa.gov/species/california-markesquid https://oceana.org/marine-life/cephalopods-crustaceans-other-shellfish/giant-pacific-octopus  https://www.centralcoastbiodiversity.org/oregon-triton-fusitriton-oregonensis.html https://marine.ucsc.edu/target/target-species-haliotis-rufescens.html	species. Subtidal broodstock unknown. Limited information on essential habitat.  II- Important prey. Used in medical research. Commercial and recreational harvest.  Potential for extended planktonic larval duration up to 4.5 years. Commercial harvest util of all snails prohibited. Oregon state	Nearshore Strategy Species  Nearshore Watch List Species  Nearshore Strategy Species
invertebrate invertebrate invertebrate invertebrate	Clinocardium nuttallii  Crassadoma gigantea  Doryteuthis opalescens  Enteroctopus dofleini  Fusitriton oregonensis	Cockle clam  Rock scallop  Market squid  Pacific giant octopus  Oregon triton	observed observed observed observed observed	cannon beach	https://www.centralcoastbiodiversity.org/rock-scallop-bucrassodoma-gigantea.html https://www.fisheries.noaa.gov/species/california-markesquid https://oceana.org/marine-life/cephalopods-crustaceans-other-shellfish/giant-pacific-octopus  https://www.centralcoastbiodiversity.org/oregon-triton-fusitrion-oregonensis.html https://marine.ucsc.edu/target/target-species-haliotis-	species. Subtidal broodstock unknown. Limited information on essential habitat.  II- Important prey. Used in medical research. Commercial and recreational harvest.  Potential for extended planktonic larval duration up to 4.5 years. Commercial harvest util of all snails prohibited. Oregon state	Nearshore Strategy Species  Nearshore Watch List Species  Nearshore Strategy Species  Nearshore Watch List Species

	1		1			I		
invertebrate	Leukoma staminea	Native littleneck clam	observed			http://www.adfg.alaska.gov/index.cfm?adfg=littleneckclam. printerfriendly		Nearshore Strategy Species
invertebrate	Mesocentrotus franciscanus	Red sea urchin	observed			https://www.aquariumofpacific.org/onlinelearningcenter/s pecies/red_sea_urchin		Nearshore Strategy Species
invertebrate	iviesocentrotus franciscanus	Red Sea urchin	observed			pecies/red_sea_urchin	dominant component of communites;	inearshore strategy species
invertebrate	Mytilus californianus	California Mussel	Observed	27%	ecola point	https://marine.ucsc.edu/sitepages/ecola-bio.html	declining, especially in lower intertidal	PISCO/DLCD Species of interest
	,				,		major component of communites; short-	
							lived, highly dynamic abundances, major	
							food source for intertidal predators and	
invertebrate	Mytilus trossulus	black mussel	Observed		ecola point	https://marine.ucsc.edu/sitepages/ecola_species.pdf	gulls,	PISCO/DLCD Species of interest
							mostly low intertidal, responsive to	
							abundance of M. trossulus; abundant only	
invertebrate	Nucella canaliculata	channeled dog winkle	observed		ecola point	https://marine.ucsc.edu/sitepages/ecola_species.pdf	where M. trossulus is abundant	PISCO/DLCD Species of interest
							low to upper mid zone, responsive to	
							abundance of M. trossulus but a more	
invertebrate	Nucella ostrina	No ath and state of democratical	Observed		ecola point	http://i	generalized predator eating barnacles as well	PISCO/DLCD Species of interest
invertebrate	Nucella Ostrina	Northern striped dogwinkle	Observed		ecola point	https://marine.ucsc.edu/sitepages/ecola_species.pdf https://caseagrant.ucsd.edu/seafood-profiles/olympia-	weii	PISCO/DECD Species of Interest
invertebrate	Ostrea lurida	Olympia oyster	observed			oveter		Nearshore Strategy Species
invertebrate	Ostrea idrida	Ciyilipia Oystei	observed			https://wdfw.wa.gov/species-habitats/species/pandalus-	Population status in Oregon unknown.	iveaishore strategy species
invertebrate	Pandalus danae	Coonstribe or Dock shrimp	observed			danae-pandalus-hypsinotus-pandalus-goniurus#desc-range	Target of commercial fishery in CA.	Nearshore Watch List Species
						7	May be important agents of bioturbation;	
							during feeding and reworking of surface	
							sediments, they can alter the structure of	
invertebrate	Parastichopus californicus	California sea cucumber	observed		netarts bay	https://www.inaturalist.org/observations/30465197	soft-bottom benthic communities	Nearshore Watch List Species
							Important commercial and recreational	
						https://inverts.wallawalla.edu/Mollusca/Bivalvia/Myoida/P	species. Subtidal broodstock unknown.	
invertebrate	Penitella penita	Flat-tipped piddock	observed			holadidae/Penitella_penita.html	Limited information on essential habitat.	Nearshore Watch List Species
							major role in structuring communites;	
invertebrate	Pisaster ochraceus	Ochre Sea Star	observed		ecola point		declines due to sea star wasting	PISCO/DLCD Species of interest
							"boom - bust" species; currently very abundant, competes with M californianus for	
invertebrate	Pollicipes polymerus	gooseneck barnacle	observed		ecola point	https://marine.ucsc.edu/sitepages/ecola_species.pdf	space, also facilitates M calif	PISCO/DLCD Species of interest
lilvertebrate	rollicipes polymerus	gooselleck balliacie	observed		ecola politi	https://www.aquariumofpacific.org/onlinelearningcenter/s	space, also facilitates ivi calli	FISCO/DECD Species of litterest
invertebrate	Pycnopodia helianthoides	Sunflower star	observed		arch cape	pecies/sunflower sea star		Nearshore Strategy Species
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						Important commercial and recreational	
						https://myodfw.com/articles/where-crab-clam-nehalem-	species. Subtidal broodstock unknown.	
invertebrate	Saxidomus gigantean	Butter clam	observed		nehalm bay	<u>bay</u>	Limited information on essential habitat	Nearshore Watch List Species
						https://myodfw.com/articles/where-crab-clam-nehalem-		
invertebrate	Siliqua patula	Razor clam	observed		nehalm bay	bay		Nearshore Strategy Species
invertebrate	Strongylocentrotus purpuratus	Purple sea urchin	observed		ecola point	https://marine.ucsc.edu/sitepages/ecola_species.pdf		PISCO/DLCD Species of interest
						// // / / / / / / / / / / / / / / /	Important commercial and recreational	
						https://myodfw.com/crabbing-clamming/species/gaper-	species. Subtidal broodstock unknown.	
invertebrate	Tresus capax	Fat gaper clam	observed		tillamook bay	clam	Limited information on essential habitat.	Nearshore Watch List Species
invertebrate	Upogebia pugettensis	Blue mud shrimp	observed			https://www.centralcoastbiodiversity.org/blue-mud-shrimp- bull-upogebia-pugettensis.html		Nearshore Strategy Species
Marine Mammals		Steller sea lion	observed			buil-upogebia-pugetterisis.ntmi		Nearshore Strategy Species
ividime ividimidis	Emametopias japatas	Steller Sea Holl	observed				Documented sporadic occurrences along the	rearshore strategy species
							OR coast thought to be strays from WA	
							rather than established OR population.	
Marine Mammals		Sea otter	observed				Population status in OR unknown.	Nearshore Watch List Species
	Eschrichtius robustus	Gray whale	not observed					Nearshore Strategy Species
	Mirounga angustirostris	Northern elephant seal	observed					Nearshore Strategy Species
Marine Mammals		Killer whale	obseerved		off rockaway beach	https://www.inaturalist.org/taxa/41521-Orcinus-orca		Nearshore Strategy Species
Marine Mammals		Pacific harbor seal	obseverd		and a state			Nearshore Strategy Species
Marine Mammals		California sea lion	observed		ecola point	https://project.com/figures/fi	Investment to help once the con-	Nearshore Strategy Species
Marine Mammals red alga	Phocoena phocoena Bossiella plumosa	Harbor porpoise coralline algae	observed observed		ecola point	https://marine.ucsc.edu/sitepages/ecola_species.pdf https://marine.ucsc.edu/sitepages/ecola_species.pdf	important to kelp recruitment similar to M splendens, a bit higher on shore	PISCO/DLCD Species of interest PISCO/DLCD Species of interest
i cu aiga	possiciia piuliiosa	coramitie algae	observeu		ссова роши	nttps://marine.ucsc.edu/sitepages/ecoia_species.pdf	patchily abundant among coastal sites, often	i ioco/ occo openies of interest
1	1	1					a dominant species in low zone (e.g., around	
	1	1					Cape Blanco), responsive to nutrient	
red alga	Mazzaella flaccida	1	observed	13%	ecola point	https://marine.ucsc.edu/sitepages/ecola-bio.html	depletion	PISCO/DLCD Species of interest
	1	1	1	2370		, , , , , , , , , , , , , , , , , , , ,	characteristic of relatively less exposed	
	1	1					benches, an important recruitment	
red alga	Mazzaella splendens	Iridescent Weed	observed	6%	ecola point	https://marine.ucsc.edu/sitepages/ecola-bio.html	facilitator for surfgrass seeds	PISCO/DLCD Species of interest
							dominant component of lower intertidal	
1	1	1					communities; dominant competitor to algal	
red alga	Neorhodomela larix	Black Pine	observed		ecola point	https://marine.ucsc.edu/sitepages/ecola_species.pdf	turfs	PISCO/DLCD Species of interest
vascular plant	Phyllospadix scouleri	Surfgrass	observed	4%	ecola point	https://marine.ucsc.edu/sitepages/ecola-bio.html		Nearshore Strategy Species
vascular plant	Zostera marina	Native eelgrass	not observed					