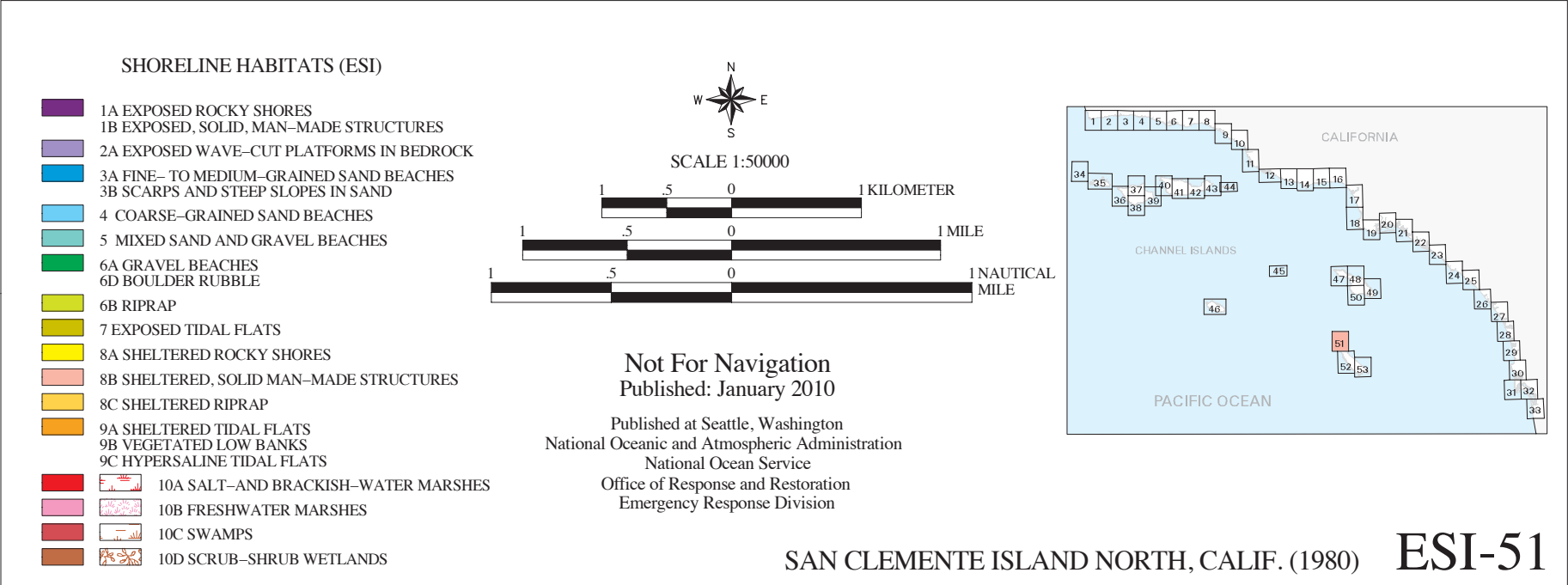
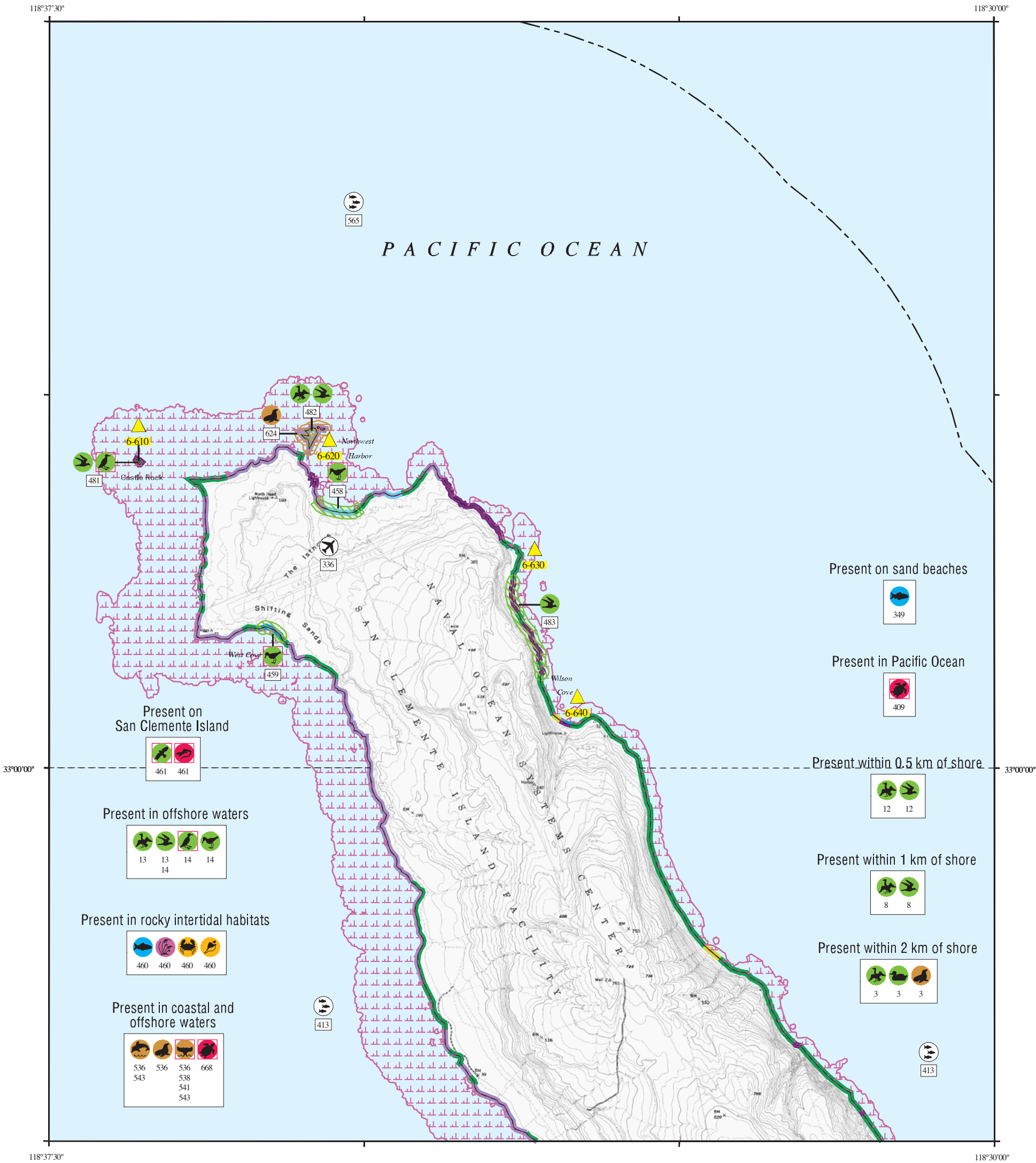


ENVIRONMENTAL SENSITIVITY INDEX MAP



Southern California: ESIMAP 51

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Migrating	Molting
3	Surf scoter		X X X X X	X X X	-	-
	Western grebe		X X X X X	X X X	-	-
8	California gull		X X X X X	X X X X	-	-
	Double-crested cormorant		X X X X X X X X X X X X	-	-	-
	Heermann's gull		X X X X X X X X X X X X	-	-	-
12	Common tern		X X X X X X X	-	-	-
	Elegant tern		X X X X X X X	-	-	-
	Pacific loon		X X X X X X	X X X X	-	-
13	Brandt's cormorant		X X X X X	X X X X	-	-
	Brown pelican		X X X X X X X X	-	-	-
	Western gull		X X X X X X X X X X X X	-	-	-
14	Alcids		X X X X X	-	-	-
	Ashy storm-petrel	C	X X X X X X X X X X X X	-	-	-
	Black-legged kittiwake		X X X X X	X X	-	-
	Black-vented shearwater		X X X	X X X X	-	-
	Bonaparte's gull		X X X X X	X X X X	-	-
	Brown booby		X X X X X X X X X X X X	-	-	-
	Cassin's auklet	C	X X X X X X X X X X	-	-	-
	Common tern		X X X X X X X	-	-	-
	Jaegers		X X X X X X X X X X X X	-	-	-
	Pink-footed shearwater		X X	X X	-	-
	Red phalarope		X X	X X X X	-	-
	Red-necked phalarope		X X X X X X X X	-	-	-
	Rhinoceros auklet		X X X X X	X X X X	-	-
	Sooty shearwater		X X X X X X	-	-	-
	Xantus's murrelet	T	X X X X X X X X X X X X	MAR-JAN	-	-
458	Western snowy plover	C T	X X X X	X X X X X X X	-	-
459	Western snowy plover	C T 3 NESTS	X X X X X X X	MAR-SEP	-	-
461	Bald eagle	E	X X X X X X X X X X X X	FEB-JUN	-	-
	Osprey		X X X X X	X X X X X	-	-
	Peregrine falcon		X X X X	X X X X	-	-
481	Western gull	2	X X X X X X X X X X X X	FEB-SEP	-	-
	Xantus's murrelet	T	X X X X X X X X X X X X	MAR-JAN	-	-
482	Brandt's cormorant	1368	X X X X X X X X X X X X	APR-JUN	-	-
	Brown pelican	152	X X X X X	-	-	-
	Western gull	54	X X X X X X X X X X X X	FEB-SEP	-	-
483	Western gull	6	X X X X X X X X X X X X	FEB-SEP	-	-

FISH:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
349	California grunion	POSSIBLE RUNS	X X X X X X X X X X X X	MAR-AUG	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC
460	Rocky intertidal fish		X X X X X X X X X X X X	-	-	-	-	-

HABITAT:

RAR#	Species	S F Conc.	J F M A M J J A S O N D
460	Rocky intertidal plants		X X X X X X X X X X X X

INVERTEBRATE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
460	Abalone	POTENTIAL	X X X X X X X X X X X X	-	-	-	-	-
	Rocky intertidal invertebrates		X X X X X X X X X X X X	-	-	-	-	-

MARINE MAMMAL:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Mating	Calving	Pupping	Molting
3	Pacific harbor seal	PRIMARY	X X X X X X X X X X X X	-	-	-	-
536	Bottlenose dolphin	PRIMARY	X X X X X X X X X X X X	-	-	-	-
	California sea lion	PRIMARY	X X X X X X X X X X X X	-	-	-	AUG-SEP
	Dall's porpoise	PRIMARY	X X X X X	X	-	-	-
	Dall's porpoise	SECONDARY	X X X X X X	-	-	-	-
	Killer whale	PRIMARY	X X X X X X X X X X X X	-	-	-	-
	Minke whale	PRIMARY	X X X X X X X X X X X X	-	-	-	-
	Northern right-whale dolphin	PRIMARY	X X X X X	X	-	-	-
	Northern right-whale dolphin	SECONDARY	X X X X X X X	-	-	-	-
	Pacific white-sided dolphin	PRIMARY	X X X X X	X	-	-	-
	Pacific white-sided dolphin	SECONDARY	X X X X X X X	-	-	-	-
	Risso's dolphin	PRIMARY	X X X X X X X X X X X X	-	-	-	-
	Short-beaked common dolphin	PRIMARY	X X X X X X X X X X X X	-	-	-	-
	Short-finned pilot whale	RARE	X X X X X X X X X X X X	-	-	-	-
	Striped dolphin	RARE	X X X X X X X X X X X X	-	-	-	-
538	Baird's beaked whale	PRIMARY	X X X X X X X X X X X X	-	-	-	-
	Cuvier's beaked whale	PRIMARY	X X X X X X X X X X X X	-	-	-	-
	Mesoplodont beaked whales	PRIMARY	X X X X X X X X X X X X	-	-	-	-
	Sperm whale	E PRIMARY	X X X X X X X X X X X X	-	-	-	-
541	Blue whale	E PRIMARY	X X X X X X X X X X	-	-	-	-
	Blue whale	E RARE	X X X	X	-	-	-
	Bryde's whale	RARE	X X X X X X X X X	-	-	-	-
	Fin whale	E PRIMARY	X X X X X X X X X	-	-	-	-
	Fin whale	E SECONDARY	X X X	X	-	-	-
	Humpback whale	E PRIMARY	X X X X X X X X X	-	-	-	-
	Humpback whale	E SECONDARY	X X X	X	-	-	-
	North Pacific right whale	E RARE	X X X X X X X X X X	-	-	-	-
543	Gray whale	PRIMARY	X X X X	-	-	-	-
	Gray whale	RARE	X X X X X	-	-	-	-
	Gray whale	SECONDARY	X	X X	-	-	-
	Long-beaked common dolphin	PRIMARY	X X X X X X X X X X X X	-	-	-	-
624	California sea lion	528 INDIV.	X X X X X X X X X X X X	-	-	-	AUG-SEP
	Pacific harbor seal	5-50 INDIV.	X X X X X X X X X X X X	-	-	-	MAY-JUL

REPTILE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Hatching	Internesting	Juveniles	Adults
409	Loggerhead sea turtle	T RARE	X X X X X X X X X X X X	-	-	-	-	-
461	Island night lizard	T	X X X X X X X X X X X X	MAR-SEP	-	-	-	-
668	Leatherback sea turtle	E SECONDARY	X X X X X	-	-	-	-	MAR-JUL

HUMAN USE RESOURCES:

ACP SENSITIVE SITES:

ACP SITE#	Name	Contact
6-610	Castle Rock	CDF&G OSPR
6-620	Bird Rock	CDF&G OSPR
6-630	Wilson Cove N. Point	CDF&G OSPR
6-640	Wilson Cove	CDF&G OSPR

AIRPORT:

HUN#	Name	Contact	Phone
336	NALF SAN CLEMENTE ISLAND	C. BRAVO	619/524-9214

Biological information shown on the maps represents known concentration areas or occurrences, but does not necessarily represent the full distribution or range of each species. This is particularly important to recognize when considering potential impacts to protected species.

Southern California: ESIMAP 51 (cont.)

HUMAN USE RESOURCES: (cont.)

FISHERY AREA:

HUN#	Name	J	F	M	A	M	J	J	A	S	O	N	D
-----	-----	-	-	-	-	-	-	-	-	-	-	-	-
413	Barred sand bass	X	X	X	X	X	X	X	X	X	X	X	X
	California halibut	X	X	X	X	X	X	X	X	X	X	X	X
	California market squid	X	X	X	X	X	X	X	X	X	X	X	X
	California sheephead		X	X	X	X	X	X	X	X	X	X	X
	California spiny lobster	X	X	X					X	X	X	X	
	Dover sole	X	X	X	X	X	X	X	X	X	X	X	X
	Kelp bass	X	X	X	X	X	X	X	X	X	X	X	X
	Lingcod				X	X	X	X	X	X	X	X	
	Northern anchovy	X	X	X	X	X	X	X	X	X	X	X	X
	Ocean whitefish		X	X	X	X	X	X	X	X	X	X	X
	Pacific chub mackerel	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific sanddab	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific sardine	X	X	X	X	X	X	X	X	X	X	X	X
	Ridgeback prawn	X	X	X	X					X	X	X	
	Rock crabs	X	X	X	X	X	X	X	X	X	X	X	X
	Rockfish		X	X	X	X	X	X	X	X	X	X	X
	Sablefish	X	X	X	X	X	X	X	X	X	X	X	X
	Sea cucumbers	X	X	X	X	X	X	X	X	X	X	X	X
	Sea urchins	X	X	X	X	X	X	X	X	X	X	X	X
	Shark	X	X	X	X	X	X	X	X	X	X	X	X
	Sheep crab	X	X	X	X	X	X	X	X	X	X	X	X
	Spot prawn		X	X	X	X	X	X	X	X			
	Surfperch	X	X	X	X	X	X	X	X	X	X	X	X
	Swordfish	X	X	X	X	X	X	X	X	X	X	X	X
	Thornyhead spp.	X	X	X	X	X	X	X	X	X	X	X	X
	Tuna	X	X	X	X	X	X	X	X	X	X	X	X
	Warty sea cucumber	X	X	X	X	X	X	X	X	X	X	X	X
	White seabass	X	X	X	X	X	X	X	X	X	X	X	X
	Yellowtail	X	X	X	X	X	X	X	X	X	X	X	X
565	Barred sand bass	X	X	X	X	X	X	X	X	X	X	X	X
	California halibut	X	X	X	X	X	X	X	X	X	X	X	X
	California market squid	X	X	X	X	X	X	X	X	X	X	X	X
	California sheephead		X	X	X	X	X	X	X	X	X	X	X
	California spiny lobster	X	X	X					X	X	X	X	
	Dover sole	X	X	X	X	X	X	X	X	X	X	X	X
	Kelp bass	X	X	X	X	X	X	X	X	X	X	X	X
	Lingcod				X	X	X	X	X	X	X	X	
	Northern anchovy	X	X	X	X	X	X	X	X	X	X	X	X
	Ocean whitefish		X	X	X	X	X	X	X	X	X	X	X
	Pacific angel shark	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific chub mackerel	X	X	X	X	X	X	X	X	X	X	X	X
	Pacific sardine	X	X	X	X	X	X	X	X	X	X	X	X
	Rock crabs	X	X	X	X	X	X	X	X	X	X	X	X
	Rockfish		X	X	X	X	X	X	X	X	X	X	X
	Sablefish	X	X	X	X	X	X	X	X	X	X	X	X
	Sea cucumbers	X	X	X	X	X	X	X	X	X	X	X	X
	Sea urchins	X	X	X	X	X	X	X	X	X	X	X	X
	Shark	X	X	X	X	X	X	X	X	X	X	X	X
	Sheep crab	X	X	X	X	X	X	X	X	X	X	X	X
	Spot prawn		X	X	X	X	X	X	X	X			
	Swordfish	X	X	X	X	X	X	X	X	X	X	X	X
	Thornyhead spp.	X	X	X	X	X	X	X	X	X	X	X	X
	Tuna	X	X	X	X	X	X	X	X	X	X	X	X
	Warty sea cucumber	X	X	X	X	X	X	X	X	X	X	X	X
	White seabass	X	X	X	X	X	X	X	X	X	X	X	X
	Yellowtail	X	X	X	X	X	X	X	X	X	X	X	X