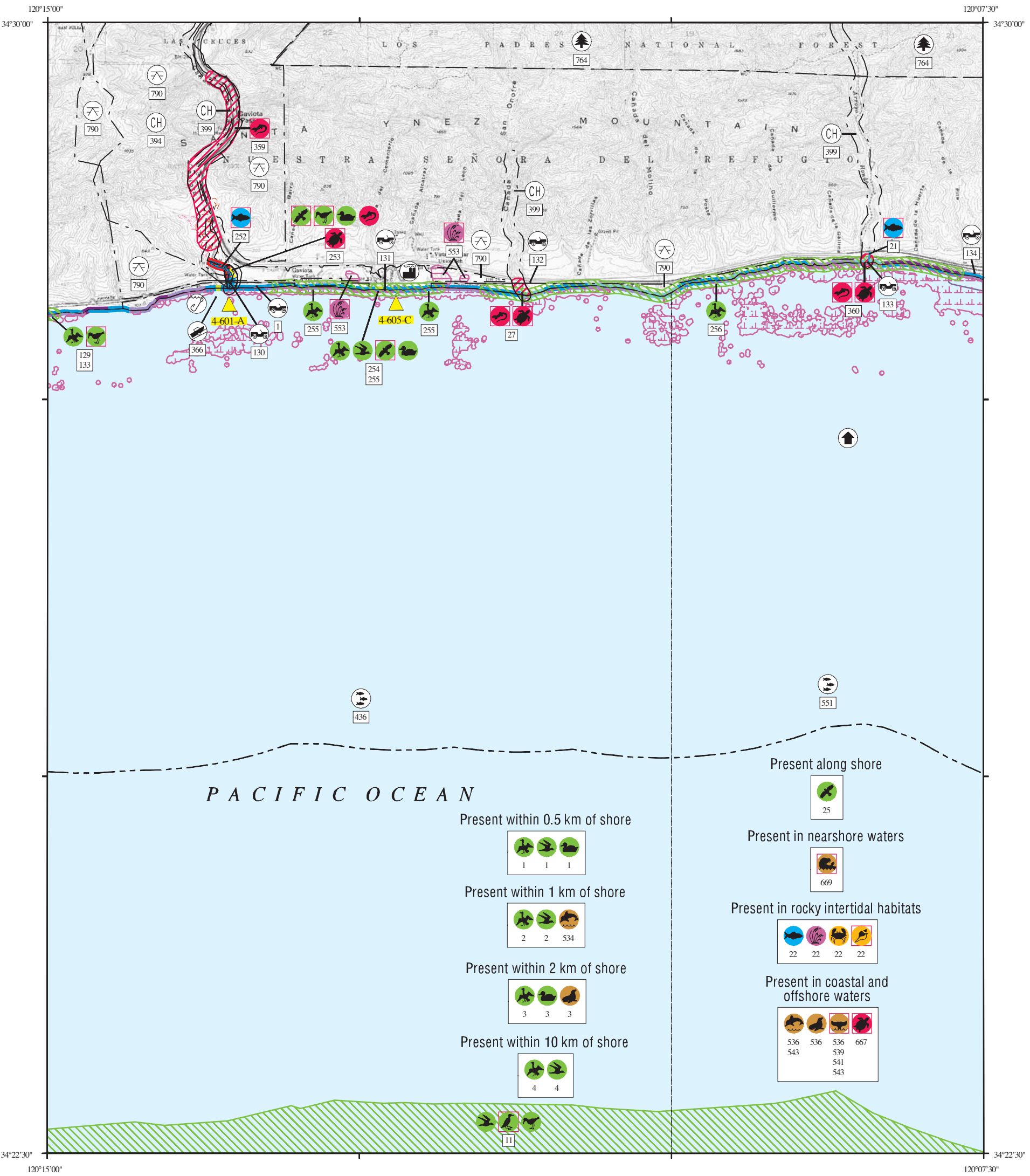
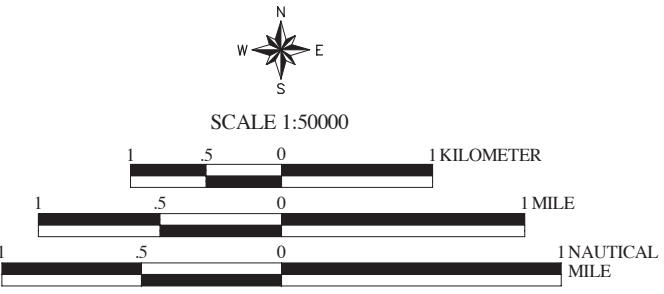


ENVIRONMENTAL SENSITIVITY INDEX MAP



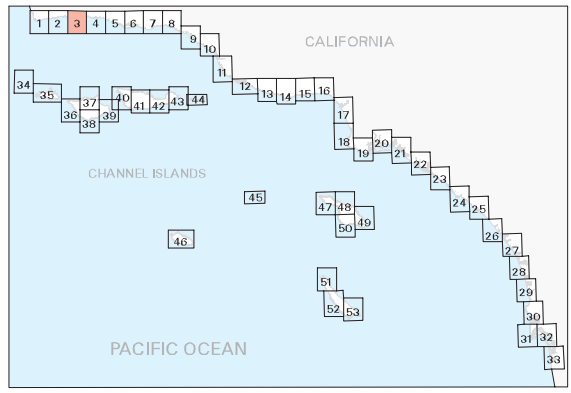
SHORELINE HABITATS (ESI)

- 1A EXPOSED ROCKY SHORES
- 1B EXPOSED, SOLID, MAN-MADE STRUCTURES
- 2A EXPOSED WAVE-CUT PLATFORMS IN BEDROCK
- 3A FINE- TO MEDIUM-GRAINED SAND BEACHES
- 3B SCARPS AND STEEP SLOPES IN SAND
- 4 COARSE-GRAINED SAND BEACHES
- 5 MIXED SAND AND GRAVEL BEACHES
- 6A GRAVEL BEACHES
- 6D BOULDER RUBBLE
- 6B RIPRAP
- 7 EXPOSED TIDAL FLATS
- 8A SHELTERED ROCKY SHORES
- 8B SHELTERED, SOLID MAN-MADE STRUCTURES
- 8C SHELTERED RIPRAP
- 9A SHELTERED TIDAL FLATS
- 9B VEGETATED LOW BANKS
- 9C HYPERSALINE TIDAL FLATS
- 10A SALT-AND BRACKISH-WATER MARSHES
- 10B FRESHWATER MARSHES
- 10C SWAMPS
- 10D SCRUB-SHRUB WETLANDS



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National Ocean Service
Office of Response and Restoration
Emergency Response Division



Southern California: ESIMAP 3

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Migrating	Molting
1	Common loon		X X X X X	-	-	-
	Elegant tern		X X X X X X X X	-	-	-
	Forster's tern		X X X X X X X X X X	-	-	-
	Least tern		X X X X X X X X	-	-	-
	Pacific loon		X X X X X X X X X	-	-	-
	Red-breasted merganser		X X X X X X X	-	-	-
	Red-throated loon		X X X X X X X	-	-	-
	Ring-billed gull		X X X X X X X X X	-	-	-
2	California gull		X X X X X X X X X	-	-	-
	Caspian tern		X X X X X X X X X X X	-	-	-
	Double-crested cormorant		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	-	-	-
3	Surf scoter		X X X X X X X X	-	-	-
	Western grebe		X X X X X X X X	-	-	-
4	Bonaparte's gull		X X X X X X X X X	-	-	-
	Brandt's cormorant		X X X X X X X X X	-	-	-
	Brown pelican		X X X X X X X X X	-	-	-
	Western gull		X X X X X X X X X X X	-	-	-
11	Ashy storm-petrel	C	X X X X X X X X X X X	-	-	-
	Black-legged kittiwake		X X X X X X X X	-	-	-
	Black-vented shearwater		X X X X X X X	-	-	-
	Cassin's auklet	C	X X X X X X X X X X	-	-	-
	Northern fulmar		X X X X X X	-	-	-
	Pink-footed shearwater		X X X X X X X	-	-	-
	Red phalarope		X X 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 X	-	-	-
	Western gull		X X X X X X X X X X X X	-	-	-
	Xantus's murrelet	T	X X X X X X	-	-	-
25	Peregrine falcon		X X X X X X X X X	-	-	-
129	Western snowy plover	C T	X X X X X X X X X X	-	-	-
133	Brown pelican	1-194 BIRDS	X X X X X X X	-	-	-
253	Bald eagle	E	X X X X X X X X X X X X	-	-	-
	Osprey		X X X X X X X X X X X	-	-	-
	Shorebirds		X X X X X X X X X X X X	-	-	-
	Waterfowl		X X X X X X X X X X	-	-	-
	Western snowy plover	C T	X X X X X X X X	-	-	-
254	Bald eagle	E	X X X X X X X X X X X X	-	-	-
	Gulls		X X X X X X X X X X X X	-	-	-
	Osprey		X X X X X X X X X X X	-	-	-
	Terns		X X X X X X X X X X X X	-	-	-
	Waterfowl		X X X X X X X X X X	-	-	-
255	Brown pelican	1-60 BIRDS	X X X X X X X	-	-	-
256	Brown pelican	49-115 BIRDS	X X X X X X X	-	-	-

FISH:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
21	Tidewater goby	C E	X X X X X X X X X X X X	APR-JUN	-	-	-	-
22	Rocky intertidal fish		X X X X X X X X X X X X	-	-	-	-	-
252	Arroyo chub		X X X X X X X X X X X X	-	-	-	-	-
	Steelhead	C E	X X X X X X X	DEC-APR	-	-	-	DEC-APR
	Tidewater goby	C E	X X X X X X X X X X X X	APR-JUN	-	-	-	-

HABITAT:

RAR#	Species	S F Conc.	J F M A M J J A S O N D
22	Rocky intertidal plants		X X X X X X X X X X X X
553	Gaviota tarplant	E E	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
22	Black abalone	E 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	-	-	-	-
534	Bottlenose dolphin	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 X X	-	-	-	-
	Dall's porpoise	SECONDARY	X 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 X X	-	-	-	-
	Northern right-whale dolphin	SECONDARY	X X X X X X X X	-	-	-	-
	Pacific white-sided dolphin	PRIMARY	X X X X X X X	-	-	-	-
	Pacific white-sided dolphin	SECONDARY	X 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	-	-	-	-
539	Baird's beaked whale	SECONDARY	X X X X X X X X X X X X	-	-	-	-
	Cuvier's beaked whale	SECONDARY	X X X X X X X X X X X X	-	-	-	-
	Mesoplodont beaked whales	SECONDARY	X X X X X X X X X X X X	-	-	-	-
	Sperm whale	E SECONDARY	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 X X X	-	-	-	-
	Bryde's whale	RARE	X X X X X X X X X X	-	-	-	-
	Fin whale	E PRIMARY	X X X X X X X X X X	-	-	-	-
	Fin whale	E SECONDARY	X X X X X X X	-	-	-	-
	Humpback whale	E PRIMARY	X X X X X X X X X X	-	-	-	-
	Humpback whale	E SECONDARY	X X X 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 X X X	-	-	-	-
	Gray whale	RARE	X X X X X X X	-	-	-	-
	Gray whale	SECONDARY	X X X X X X X	-	-	-	-
	Long-beaked common dolphin	PRIMARY	X X X X X X X X X X X X	-	-	-	-
669	Sea otter	T	X X X X X X X	-	-	-	-

REPTILE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Hatching	Interesting	Juveniles	Adults
27	California red-legged frog	C T PROBABLE	X X X X X X X X X X X X	JAN-MAY	-	-	-	-
	Southwestern pond turtle	C PROBABLE	X X X X X X X X X X X X	-	-	-	-	-

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 3 (cont.)

BIOLOGICAL RESOURCES: (cont.)

REPTILE: (cont.)

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Hatching	Internesting	Juveniles	Adults
253	Coast range newt		X	X	X	X	X	X	X	X				X	-	-	-	-	-
	Southwestern pond turtle	C	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Two-striped garter snake			X	X	X	X	X	X	X	X				-	-	-	-	-
359	California red-legged frog	C T	X	X	X	X	X	X	X	X	X	X	X	X	JAN-MAY	-	-	-	-
360	California red-legged frog	C T	X	X	X	X	X	X	X	X	X	X	X	X	JAN-MAY	-	-	-	-
	Southwestern pond turtle	C	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
667	Leatherback sea turtle	E PRIMARY		X	X	X	X	X							-	-	-	-	MAR-JUL

HUMAN USE RESOURCES:

ACP SENSITIVE SITES:

ACP SITE#	Name	Contact
4-601-A	Gaviota Creek	CDF&G OSPR
4-605-C	Canada Del Alcatraz and Cementario Creeks	CDF&G OSPR

ACCESS:

HUN#	Name	Contact	Phone
1	ACCESS		
130	SB-I-1016 GAVIOTA CREEK	CA STATE PARKS (24-HOUR DISPATCH)	951/443-2944
131	SB-I-2011 C. DEL ALCATRAZ & CEMEN. CRKS	SHELL OIL FACILITY	805/567-1126
132	SB-I-3011 CANADA DE SAN ONOFRE	CA STATE PARKS (24-HOUR DISPATCH)	951/443-2944
133	SB-I-4011 ARROYO HONDO	CA STATE PARKS (24-HOUR DISPATCH)	951/443-2944
134	SB-I-5011 CANADA DE LA PILA	CA STATE PARKS (24-HOUR DISPATCH)	951/443-2944

BOAT RAMP:

HUN#	Name	Contact	Phone
366	GAVIOTA	CA STATE PARKS (24-HOUR DISPATCH)	951/443-2944

CRITICAL HABITAT:

HUN#	Name	Contact	Phone
394	CRITICAL HABITAT: CA RED-LEGGED FROG	U.S. FISH AND WILDLIFE SERVICE	805/644-1766
399	CRITICAL HABITAT: STEELHEAD	NATIONAL MARINE FISHERIES SERVICE	562/980-4000

FISHERY AREA:

HUN#	Name	J	F	M	A	M	J	J	A	S	O	N	D
436	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 sea cucumber	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
	Flatfish	X	X	X	X	X	X	X	X	X	X	X	X
	Lingcod		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 bonito	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
	Ridgeback prawn	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
	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
	Tuna	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
551	Yellowtail	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 sea cucumber	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 bonito	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 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	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
	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

NATIONAL FOREST:

HUN#	Name	Contact	Phone
764	LOS PADRES NATIONAL FOREST	U.S. FOREST SERVICE	805/968-6640

PARK:

HUN#	Name	Contact	Phone
790	GAVIOTA SP	CA STATE PARKS (24-HOUR DISPATCH)	951/443-2944