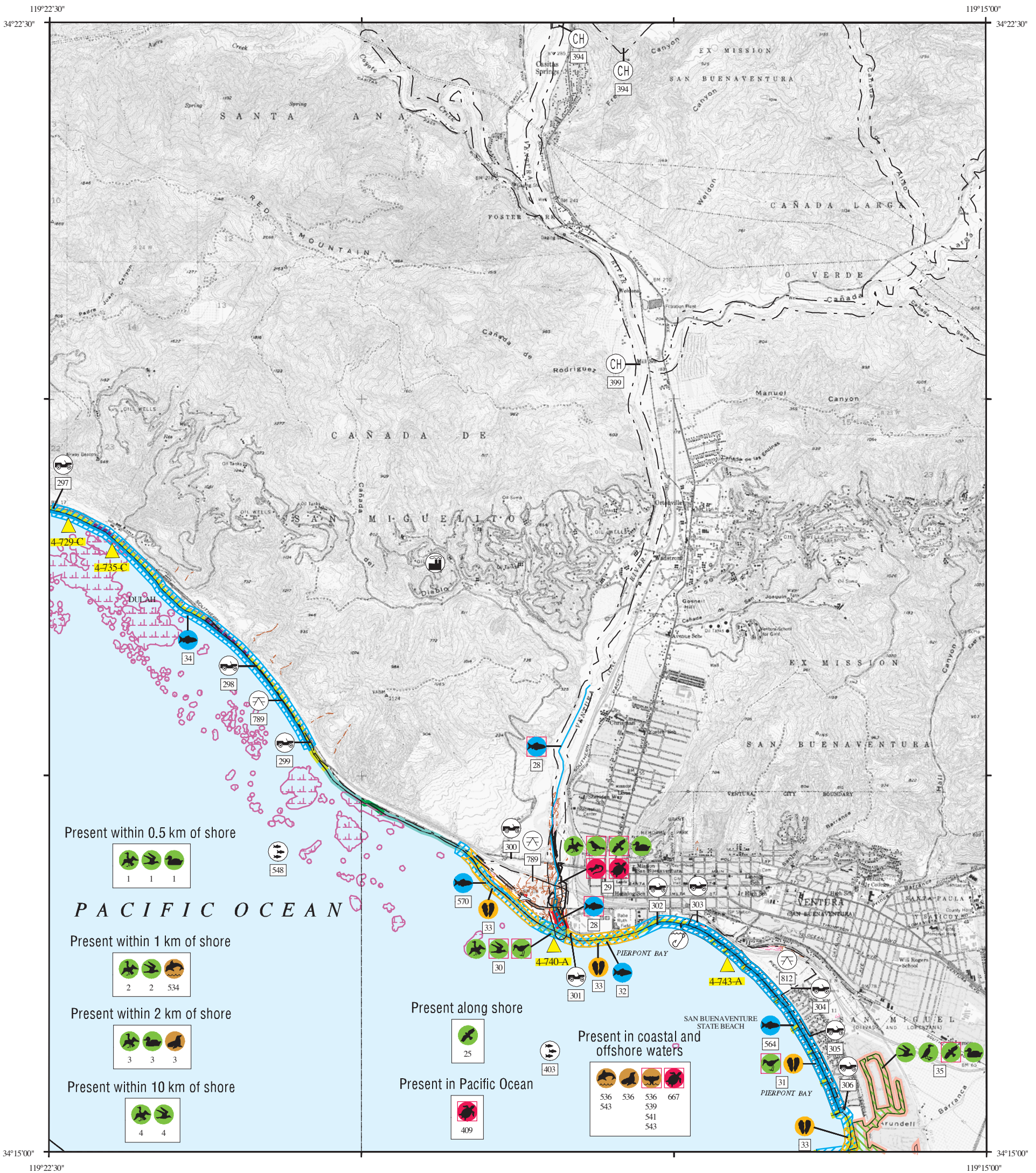


ENVIRONMENTAL SENSITIVITY INDEX MAP



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

N

W E

SCALE 1:50000

1 .5 0 1 KILOMETER

1 .5 0 1 MILE

1 .5 0 1 NAUTICAL MILE

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National Ocean Service
Office of Response and Restoration
Emergency Response Division

CALIFORNIA

CHANNEL ISLANDS

PACIFIC OCEAN

Southern California: ESIMAP 10

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 X	-	-	-
	Forster's tern		X 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 X	-	-	-
	Western gull		X X X X X X X X X X X	-	-	-
25	Peregrine falcon		X X X X X X X X X	-	-	-
29	Bald eagle	E	X X X X X X X X X X X	-	-	-
	Belding's savannah sparrow	E	X X X X X X X X X X X	MAR-MAY	-	-
	Brown pelican	4-49 BIRDS	X X X X X X	-	-	-
	Least Bell's vireo	E E	X X X X X X X	MAR-AUG	-	-
	Osprey		X X X X X X X X X X X	-	-	-
	Raptors		X X X X X X X X X X X X	-	-	-
	Waterfowl		X X X X X X X X X X	-	-	-
30	Brown pelican	4-49 BIRDS	X X X X X X	-	-	-
	California least tern	E E	X X X X X X	-	-	-
	Shorebirds		X X X X X X X X X X X	-	-	-
	Western snowy plover	C T	X X X X X X	-	-	-
31	Shorebirds		X X X X X X X X X X X	-	-	-
	Western snowy plover	C T 30-60 BIRDS	X X X X X X X X X	-	-	-
35	Bald eagle	E	X X X X X X X X X X X	-	-	-
	Gulls		X X X X X X X X X X X	-	-	-
	Osprey		X X X X X X X X X X	-	-	-
	Seabirds		X X X X X X X X X X X	-	-	-
	Waterfowl		X X X 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
28	Steelhead	C E	X X X X X X X X X X X	DEC-APR	JAN-MAY	-	JAN-DEC	DEC-APR
	Tidewater goby	C E	X X X X X X X X X X X	APR-JUN	-	-	-	-
32	California grunion	OCCASIONAL RUNS	X X X X X X X X X X X	MAR-AUG	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC
34	California grunion	RUNS LIKELY	X X X X X X X X X X X	MAR-AUG	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC
564	California grunion	FREQUENT RUNS	X X X X X X X X X X X	MAR-AUG	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC
570	California grunion	OCCASIONAL GOOD RUNS	X X X X X X X X X X X	MAR-AUG	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC

INVERTEBRATE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
31	Pismo clam		X X X X X X X X X X X	JUN-SEP	-	-	-	-
33	Chione spp.		X X X X X X X X X X X	-	-	-	-	-
	Nuttall cockle		X X X X X X X X X X X	-	-	-	-	-
	Pacific littleneck		X X X X X X X X X X X	MAR-JUL	-	-	-	-

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	-	-	-	-
534	Bottlenose dolphin	PRIMARY	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	-	-	-	-
	California sea lion	PRIMARY	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 X	-	-	-	-
	Killer whale	PRIMARY	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	-	-	-	-
	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 X	-	-	-	-
	Pacific white-sided dolphin	PRIMARY	X 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	-	-	-	-
	Short-beaked common dolphin	PRIMARY	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	-	-	-	-
	Striped dolphin	RARE	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	-	-	-	-
	Cuvier's beaked whale	SECONDARY	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	-	-	-	-
	Sperm whale	E SECONDARY	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	-	-	-	-
	Blue whale	E RARE	X X X 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 X X X	-	-	-	-
	Humpback whale	E PRIMARY	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	-	-	-	-
543	Gray whale	PRIMARY	X 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	-	-	-	-

REPTILE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Hatching	Interesting	Juveniles	Adults
29	California red-legged frog	C T	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	-	-	-	-	-
409	Loggerhead sea turtle	T RARE	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
4-729-C	A-Lease Canyon	CDF&G OSPR
4-735-C	Amphitheater Canyon	CDF&G OSPR
4-740-A	Ventura River mouth	CDF&G OSPR
4-743-A	San Buenaventura State Beach	CDF&G OSPR

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 10 (cont.)

HUMAN USE RESOURCES: (cont.)

ACCESS:

HUN#	Name	Contact	Phone
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300	VN-C-1306 EAST EMMA WOOD STATE BEACH	CA STATE PARKS (24-HOUR DISPATCH)	951/443-2944
301	VN-D-1015 SEASIDE PARK BEACH	VENTURA COUNTY PARKS	805/654-3932
302	VN-D-2015 WEST RECREATION TRAIL ACCESS	VENTURA COUNTY PARKS	805/654-3932
303	VN-D-2026 VENTURA PIER PARKING	VENTURA COUNTY PARKS	805/654-3932
304	VN-D-2036 SAN BUENAVENTURA STATE BEACH	CA STATE PARKS (24-HOUR DISPATCH)	951/443-2944
305	VN-D-2046 MULTIPLE PIERPONT BLVD ACCESS		
306	VN-D-3012 MARINA PARK - GREENOCK LANE	VENTURA COUNTY PARKS	805/654-3932

CRITICAL HABITAT:

HUN#	Name	Contact	Phone
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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
----	-----	-	-	-	-	-	-	-	-	-	-	-	-
403	Barred sand bass	X	X	X	X	X	X	X	X	X	X	X	X
	Cabazon		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	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
	Kelp bass	X	X	X	X	X	X	X	X	X	X	X	X
	Lingcod		X	X	X	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
	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	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
	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
548	Barred sand bass	X	X	X	X	X	X	X	X	X	X	X	X
	Cabazon		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	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
	Kelp bass	X	X	X	X	X	X	X	X	X	X	X	X
	Lingcod		X	X	X	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		
	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	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

PARK:

HUN#	Name	Contact	Phone
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789	EMMA WOOD SB	CA STATE PARKS (24-HOUR DISPATCH)	951/443-2944
812	SAN BUENAVENTURA SB	CA STATE PARKS (24-HOUR DISPATCH)	951/443-2944