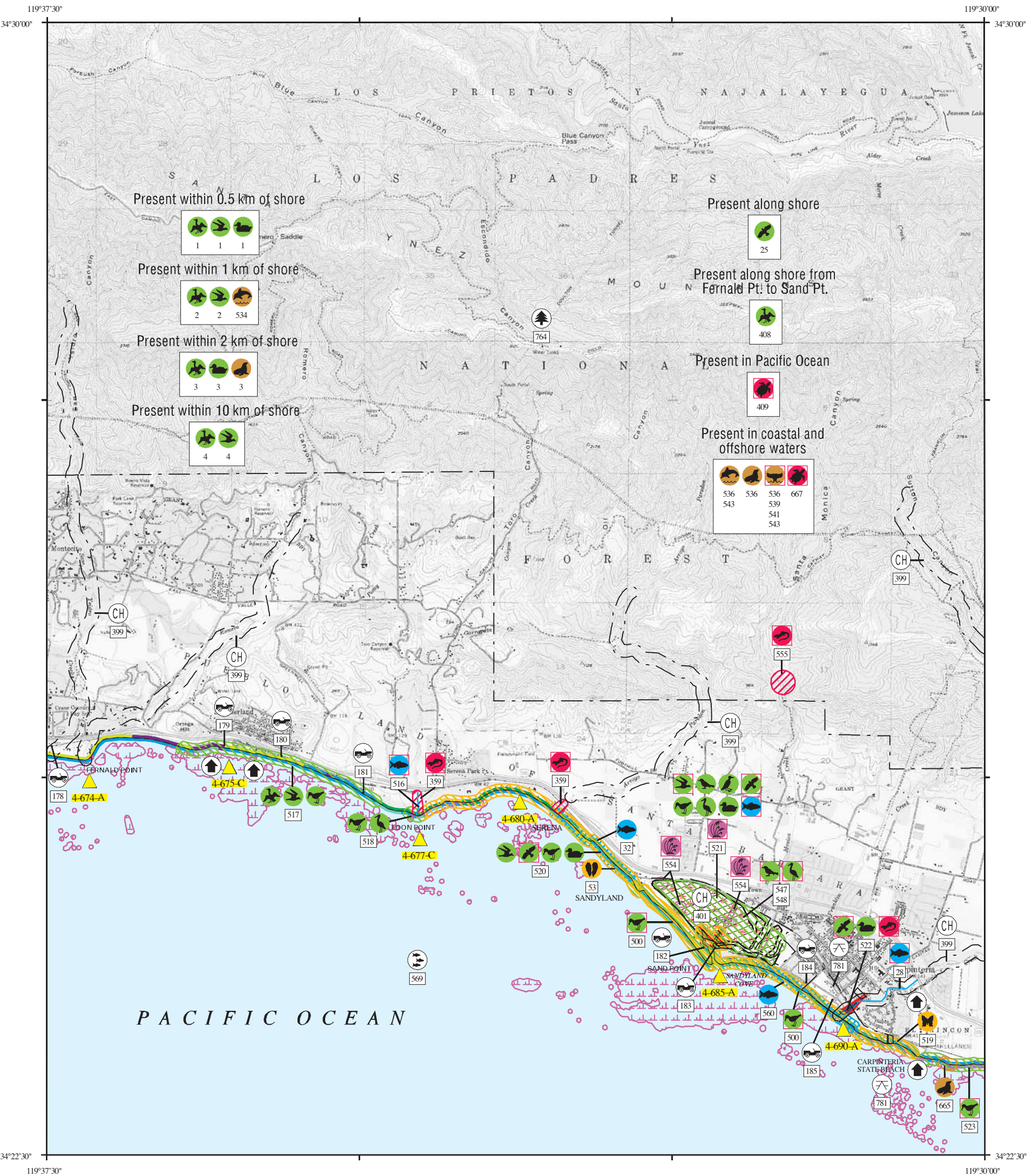


ENVIRONMENTAL SENSITIVITY INDEX MAP

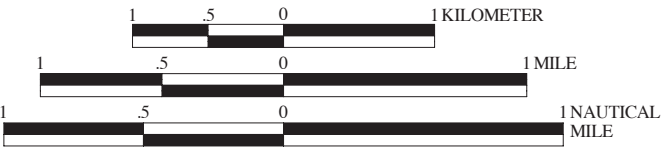


SHORELINE HABITATS (ESI)

- 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

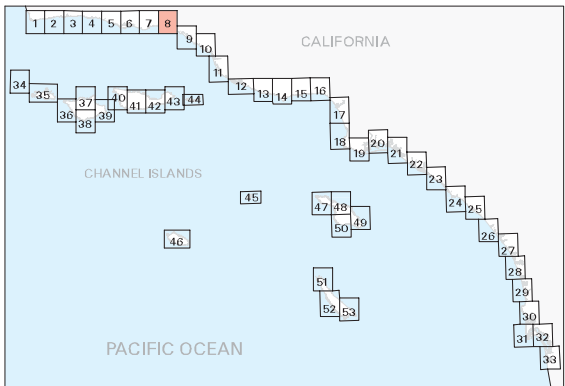


SCALE 1:50000



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National Ocean Service
Office of Response and Restoration
Emergency Response Division



Southern California: ESIMAP 8

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	-	-	-
	Pacific loon		X X X X X X X X	-	-	-
	Red-breasted merganser		X X X X X X	-	-	-
	Red-throated loon		X X X X X X	-	-	-
	Ring-billed gull		X X X X X X X X	-	-	-
2	California gull		X X X X X X X X	-	-	-
	Caspian tern		X X X X X X X X X X	-	-	-
	Double-crested cormorant		X X X X X X X X X X	-	-	-
	Heermann's gull		X X X X X X X X X X	-	-	-
3	Surf scoter		X X X X X X X	-	-	-
	Western grebe		X X X X X X X	-	-	-
4	Bonaparte's gull		X X X X X X X X	-	-	-
	Brandt's cormorant		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	-	-	-
25	Peregrine falcon		X X X X X X X	-	-	-
408	Brown pelican	0-160 BIRDS	X X X X X X X	-	-	-
500	Shorebirds		X X X X X X X X X X	-	-	-
	Western snowy plover	C T	X X X X X X X	-	-	-
517	Cormorants		X X X X X X X X X X	-	-	-
	Gulls		X X X X X X X X X X	-	-	-
	Shorebirds		X X X X X X X X X X	-	-	-
518	Shorebirds		X X X X X X X X X X	-	-	-
	Wading birds		X X X X X X X X	-	-	-
520	Bald eagle	E	X X X X X X X X X X	-	-	-
	Gulls		X X X X X X X X X X	-	-	-
	Osprey		X X X X X X X X X	-	-	-
	Shorebirds		X X X X X X X X X X	-	-	-
	Terns		X X X X X X X X X X	-	-	-
	Waterfowl		X X X X X X X X	-	-	-
521	Bald eagle	E	X X X X X X X X X X	-	-	-
	Belted kingfisher		X X X X X X X X	-	-	-
	California least tern	E E	X X X X X X	-	-	-
	Egrets		X X X X X X X X X X	-	-	-
	Hérons		X X X X X X X X	-	-	-
	Northern harrier	C	X X X X X X X	-	-	-
	Osprey		X X X X X X X X X	-	-	-
	Raptors		X X X X X X X X X X	-	-	-
	Seabirds		X X X X X X X X X X	-	-	-
	Shorebirds		X X X X X X X X X X	-	-	-
	Waterfowl		X X X X X X X X	-	-	-
	White-tailed kite		X X X X X X X X X X	-	-	-
522	Bald eagle	E	X X X X X X X X X X	-	-	-
	Osprey		X X X X X X X X X	-	-	-
	Waterfowl		X X X X X X X X	-	-	-
523	Western snowy plover	C T	X X X X X X	-	-	-
547	Belding's savannah sparrow	E	X X X X X X X X X X	MAR-MAY	-	-
548	Light-footed clapper rail	E E	X X X X X X X X X X	FEB-JUL	-	-

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	DEC-APR	JAN-MAY	-	JAN-DEC	DEC-APR
	Tidewater goby	C E	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	MAR-AUG	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC
516	Tidewater goby	C E	X X X X X X X X X X	APR-JUN	-	-	-	-
521	Tidewater goby	C E	X X X X X X X X X X	APR-JUN	-	-	-	-
560	California grunion	FREQUENT LARGE RUNS	X X X X X X X X X X	MAR-AUG	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC

HABITAT:

RAR#	Species	S F Conc.	J F M A M J J A S O N D
521	Ventura marsh milkvetch	E E	X X X X X X X X X X
554	Salt marsh bird's-beak	E E	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
53	Pismo clam		X X X X X X X X X X	JUN-SEP	-	-	-	-
519	Western beach tiger beetle		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	-	-	-	-
534	Bottlenose dolphin	PRIMARY	X X X X X X X X X X	-	-	-	-
536	Bottlenose dolphin	PRIMARY	X X X X X X X X X X	-	-	-	-
	California sea lion	PRIMARY	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	-	-	-	-
	Minke whale	PRIMARY	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	-	-	-	-
	Pacific white-sided dolphin	PRIMARY	X X X X X X	-	-	-	-
	Pacific white-sided dolphin	SECONDARY	X X X X X X	-	-	-	-
	Risso's dolphin	PRIMARY	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	-	-	-	-
	Short-finned pilot whale	RARE	X X X X X X X X X X	-	-	-	-
	Striped dolphin	RARE	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	-	-	-	-
	Cuvier's beaked whale	SECONDARY	X X X X X X X X X X	-	-	-	-
	Mesoplodont beaked whales	SECONDARY	X X X X X X X X X X	-	-	-	-
	Sperm whale	E SECONDARY	X X X X X X X X X X	-	-	-	-
541	Blue whale	E PRIMARY	X X X X X X X X	-	-	-	-
	Blue whale	E RARE	X X X X X	-	-	-	-
	Bryde's whale	RARE	X X X X X X X X	-	-	-	-
	Fin whale	E PRIMARY	X X X X X X X X	-	-	-	-
	Fin whale	E SECONDARY	X X X X X	-	-	-	-
	Humpback whale	E PRIMARY	X X X X X X X X	-	-	-	-
	Humpback whale	E SECONDARY	X X X X X	-	-	-	-
	North Pacific right whale	E RARE	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 X	-	-	-	-
	Long-beaked common dolphin	PRIMARY	X X X X X X X X X X	-	-	-	-
665	Pacific harbor seal	87-125 INDIV.	X X X X X X X X X X	-	-	FEB-MAY	MAY-JUL

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 8 (cont.)

BIOLOGICAL RESOURCES: (cont.)

REPTILE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Hatching	Interesting	Juveniles	Adults
359	California red-legged frog	C T	X X X X X X X X X X X X	JAN-MAY	-	-	-	-
409	Loggerhead sea turtle	T RARE	X X X X X X X X X X X X	-	-	-	-	-
522	California red-legged frog	C T POSSIBLE	X X X X X X X X X X X X	JAN-MAY	-	-	-	-
555	California red-legged frog	C T	X X X X X X X X X X X X	JAN-MAY	-	-	-	-
667	Leatherback sea turtle	E PRIMARY	X X X X X	-	-	-	-	MAR-JUL

HUMAN USE RESOURCES:

ACP SENSITIVE SITES:

ACP SITE#	Name	Contact
4-674-A	Fernald Point	CDF&G OSPR
4-675-C	Summerland Beach	CDF&G OSPR
4-677-C	Loon Point and Elyse Creek	CDF&G OSPR
4-680-A	Arroyo Paredon Creek and Sandyland	CDF&G OSPR
4-685-A	Carpinteria Salt Marsh	CDF&G OSPR
4-690-A	Carpinteria City and State Beach	CDF&G OSPR

ACCESS:

HUN#	Name	Contact	Phone
178	SB-R-5024 POSILOPO LANE ACCESS	SB COUNTY PARKS	805/681-5651
179	SB-S-1015 LOOKOUT PARK	SB COUNTY PARKS	805/681-5651
180	SB-S-1025 WALLACE RAMP	SB COUNTY PARKS	805/681-5651
181	SB-S-1030 UNNAMED FOOTPATH NEAR PADARO	SB COUNTY PARKS	805/681-5651
182	SB-S-2011 WEST CARPINTERIA SALT MARSH	SANTA BARBARA COUNTY FIRE	805/863-2724
183	SB-S-3011 EAST CARPINTERIA SALT MARSH	SANTA BARBARA COUNTY FIRE	805/863-2724
184	SB-T-1014 MULTIPLE SANDYLAND ROAD ACCESS	CA STATE PARKS	803/681-5651
185	SB-T-1026 MULTIPLE CARPINTERIA BEACH	CA STATE PARKS	803/681-5651

CRITICAL HABITAT:

HUN#	Name	Contact	Phone
399	CRITICAL HABITAT: STEELHEAD	NATIONAL MARINE FISHERIES SERVICE	562/980-4000
401	CRITICAL HABITAT: VENTURA MARSH MILKVETCH	U.S. FISH AND WILDLIFE SERVICE	805/644-1766

FISHERY AREA:

HUN#	Name	J F M A M J J A S O N D
569	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
	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 scorpionfish	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 X
	California spiny lobster	X X X X 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 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 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 sardine	X X X X X X X X X X X X
	Ridgeback prawn	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 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 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
781	CARPINTERIA SB	CA STATE PARKS	803/681-5651