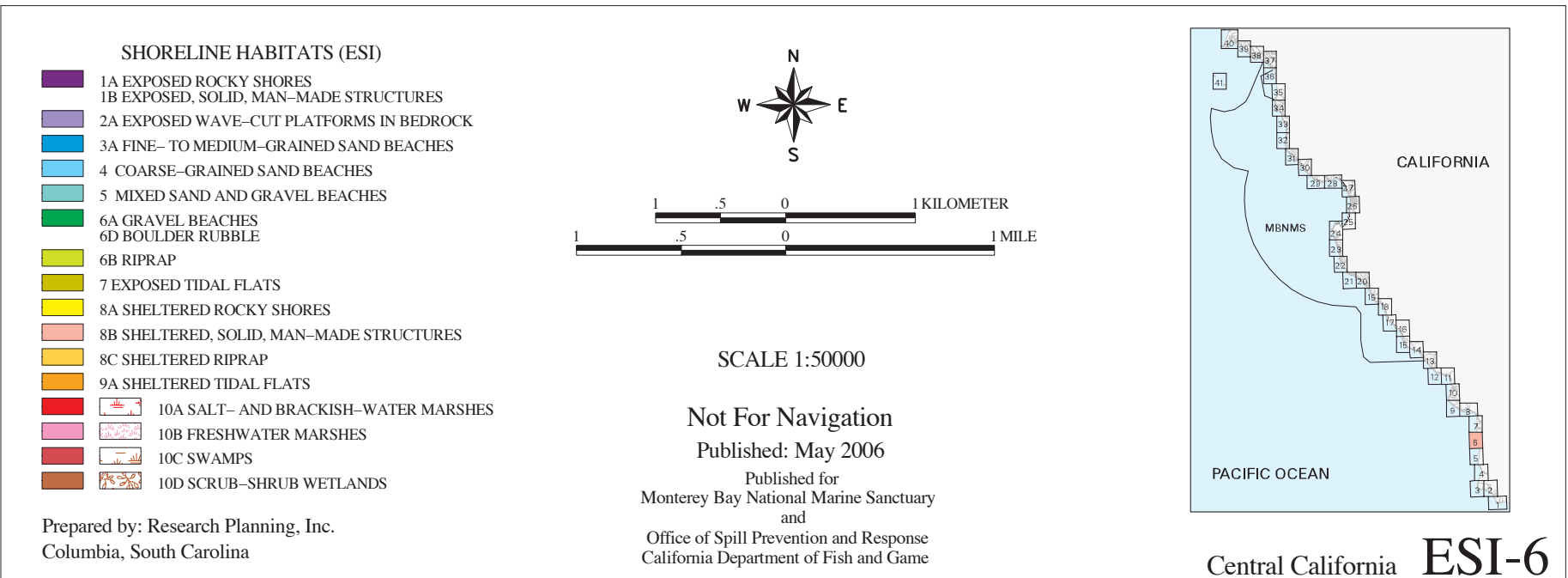
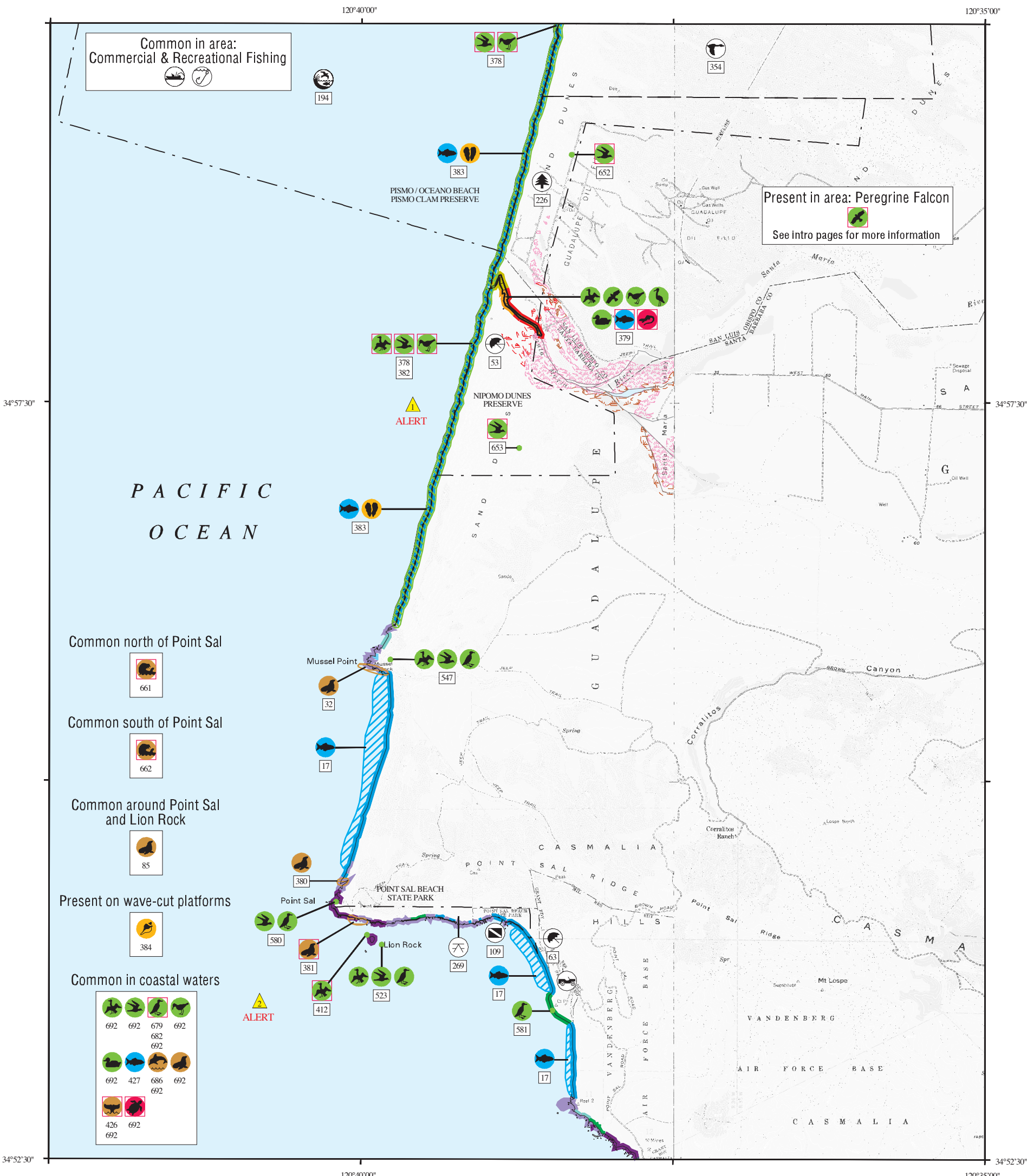


# ENVIRONMENTAL SENSITIVITY INDEX MAP



Central California: ESIMAP 6

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Migrating	Molting
378	California least tern	E E	X X X X X X	-	APR-SEP	-
	Gulls		X X X X X X X X X X X	-	-	-
	Shorebirds		X X X X X X X X X X X	-	-	-
	Western snowy plover	T	X X X X X X X X X X X	MAR-SEP	-	-
379	Diving birds		X X X X X X X X X X X	-	-	-
	Raptors		X X X X X X X X X X X	-	AUG-NOV	-
	Shorebirds		X X X X X X X X X X X	-	-	-
	Wading birds		X X X X X X X X X X X	-	-	-
	Waterfowl		X X X X X X X X X X	-	-	-
382	Brown pelican	E E HIGH	X X X X X X X X X X X	-	JUL-NOV	-
412	Brown pelican	E E	X X X X X X X X X X X	-	JUL-NOV	-
523	Pelagic cormorant	4 INDIV.	X X X X X X X X X X X	MAR-SEP	-	-
	Pigeon guillemot	5 INDIV.	X X X X X X X X X X X	FEB-AUG	-	-
	Western gull	2 INDIV.	X X X X X X X X X X X	MAR-AUG	-	-
547	Pelagic cormorant	9 INDIV.	X X X X X X X X X X X	MAR-SEP	-	-
	Pigeon guillemot	5 INDIV.	X X X X X X X X X X X	FEB-AUG	-	-
	Western gull	7 INDIV.	X X X X X X X X X X X	MAR-AUG	-	-
580	Pigeon guillemot	45 INDIV.	X X X X X X X X X X X	FEB-AUG	-	-
	Rhinoceros auklet	3 INDIV.	X X X X X X X X X X X	APR-SEP	-	-
	Western gull	4 INDIV.	X X X X X X X X X X X	MAR-AUG	-	-
581	Pigeon guillemot	8 INDIV.	X X X X X X X X X X X	FEB-AUG	-	-
652	California least tern	E E	X X X X	MAY-AUG	-	-
653	California least tern	E E 40 INDIV.	X X X X	MAY-AUG	-	-
679	Sooty shearwater	HIGH	X X X X	-	-	JUN-SEP
682	Sooty shearwater	MODERATE	X X X X X X X X X X	-	-	APR-OCT
692	Cassin's auklet	MODERATE	X X X X X X X X X X X	-	-	-
	Clark's grebe	MODERATE	X X X X X X X X X	-	MAR-APR SEP-NOV	-
	Common murre	MODERATE	X X X X X X X X X X X	-	-	JUL-SEP
	Cormorants	MODERATE	X X X X X X X X X X X	-	-	-
	Eared grebe	LOW	X X X X X X X X X	-	MAR-APR SEP-OCT	-
	Gulls	MODERATE	X X X X X X X X X X X	-	-	-
	Horned grebe	LOW	X X X X X X X X X	-	OCT-APR	-
	Loons	LOW	X X X X X X X X X	-	OCT-MAY	-
	Marbled murrelet	E T LOW	X X X X X X X X X X X	-	-	-
	Pacific loon	MODERATE	X X X X X X X X X	-	OCT-MAY	-
	Pelicans	MODERATE	X X X X X X X X X X X	-	JUL-NOV	-
	Phalaropes	LOW	X X X X X X X X X X X	-	-	-
	Pigeon guillemot	MODERATE	X X X X X X X X X	-	-	-
	Rhinoceros auklet	MODERATE	X X X X X X X X X X X	-	-	-
	Shearwaters	MODERATE	X X X X X X X X X X X	-	-	-
	Surf scoter	MODERATE	X X X X X X X X X	-	MAR-APR SEP-DEC	-
	Western grebe	MODERATE	X X X X X X X X X	-	MAR-APR SEP-NOV	-
	White-winged scoter	MODERATE	X X X X X X X X X	-	MAR-APR OCT-NOV	-

FISH:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
17	Barred surfperch		X X X X X X X X X X X	APR-AUG	-	-	JAN-DEC	MAR-NOV
	California grunion		X X X X X X X	MAR-AUG	MAR-SEP	-	-	MAR-AUG
	Striped bass		X X X X X	-	-	-	MAY-SEP	MAY-SEP
	Walleye surfperch		X X X X X X X X X X X	APR-AUG	-	-	JAN-DEC	JAN-DEC
379	Steelhead	T	X X X X X X X X X X X	-	-	-	JUN-OCT	OCT-JUN
	Tidewater goby	E	X X X X X X X X X X X	JAN-DEC	-	-	-	JAN-DEC
383	Barred surfperch		X X X X X X X X X X X	APR-AUG	-	-	JAN-DEC	MAR-NOV
	California grunion		X X X X X X X	MAR-AUG	MAR-SEP	-	-	MAR-AUG
	Striped bass		X X X X X	-	-	-	MAY-SEP	MAY-SEP
	Walleye surfperch		X X X X X X X X X X X	APR-AUG	-	-	JAN-DEC	JAN-DEC
427	California halibut		X X X X X X X X X X X	FEB-JUN	-	FEB-SEP	JAN-DEC	FEB-NOV
	Salmon		X X X X X X	-	-	-	-	APR-SEP

INVERTEBRATE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
383	Pismo clam	HIGH	X X X X X X X X X X X	JUN-DEC	-	-	-	JUN-DEC
384	Black abalone		X X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC

MARINE MAMMAL:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Mating	Calving	Pupping	Molting
32	Harbor seal	26 INDIV.	X X X X X X X X X X X	-	-	MAR-MAY	-
85	Pinnipeds	HIGH	X X X X X X X X X X X	-	-	-	-
380	Harbor seal	47 INDIV.	X X X X X X X X X X X	-	-	MAR-JUN	-
381	California sea lion	583-2303 INDIV.	X X X X X X X X X X X	-	-	MAY-JUL	-
	Harbor seal	10-16 INDIV.	X X X X X X X X X X X	-	-	MAR-MAY	-
	Northern elephant seal	MODERATE	X X X X X X X X	-	-	-	APR-JUL
	Northern fur seal	LOW	X X X X X X X X X X X	-	-	-	-
	Steller sea lion	T 1 INDIV.	X X X X X X X X X X X	-	-	-	-
426	Gray whale		X X X X X X X X	-	DEC-FEB	-	-
661	Sea otter	T 74 INDEP / 1 PUPS	X X X X X X X X X X X	-	-	JAN-MAR SEP-NOV	-
662	Sea otter	T 74 INDEP / 8 PUPS	X X X X X X X X X X X	-	-	JAN-MAR SEP-NOV	-
686	Harbor porpoise	1600 INDIV.	X X X X X X X X X X X	JUL-SEP	JUN-AUG	-	-
692	Blue whale	E MODERATE	X X X X X X X X	-	-	-	-
	Bottlenose dolphin	MODERATE	X X X X X X X X X X X	-	-	-	-
	Dall's porpoise	MODERATE	X X X X X X X X X X X	-	-	-	-
	Fin whale	E LOW	X X X X X X X X X X X	-	-	-	-
	Humpback whale	E MODERATE	X X X X X X X X X X	-	-	-	-
	Killer whale	LOW	X X X X X X X X X X X	-	-	-	-
	Long-beaked common dolphin	MODERATE	X X X X X X X X X X X	-	-	-	-
	Minke whale	LOW	X X X X X X X X X X X	-	MAR-MAY	-	-
	Northern right whale	E LOW	X X X	-	-	-	-
	Northern right-whale dolphin	LOW	X X X X X X X X X X X	-	-	-	-
	Pacific white-sided dolphin	LOW	X X X X X X X X X X X	-	-	-	-
	Risso's dolphin	MODERATE	X X X X X X X X X X X	-	-	-	-
	Sea lions	MODERATE	X X X X X X X X X X X	-	-	-	-
	Seals	LOW	X X X X X X X X X X X	-	-	-	-
	Short-beaked common dolphin	MODERATE	X X X X X X X X X X X	-	-	-	-
	Short-finned pilot whale	LOW	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	Internesting	Juveniles	Adults
379	California red-legged frog	T	X X X X X X X X X X X	NOV-APR	-	-	JAN-DEC	JAN-DEC
692	Leatherback sea turtle	E LOW	X X X X X X X	-	-	-	-	MAY-NOV

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.

Central California: ESIMAP 6 (cont.)

HUMAN USE RESOURCES:

ALERT:

ID#	Description
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1	Snowy plovers nesting, March-September.
2	California sea lion rookery, May-July.

BEACH:

HUN#	Name	Contact	Phone
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53	NIPOMO DUNES PRESERVE		
63	POINT SAL STATE BEACH		

DIVING:

HUN#	Name	Contact	Phone
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109	DIVING		

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
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194	PISMO-OCEANO BEACH - SMCA	CDF&G	

NATURE CONSERVANCY:

HUN#	Name	Contact	Phone
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226	GUADALUPE-NIPOMO DUNES PRESERVE	THE NATURE CONSERVANCY	

PARK:

HUN#	Name	Contact	Phone
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269	POINT SAL SB	CA DEPT OF PARKS AND RECREATION	

WILDLIFE REFUGE:

HUN#	Name	Contact	Phone
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354	GUADALUPE-NIPOMO DUNES NWR	US FISH AND WILDLIFE SERVICE	