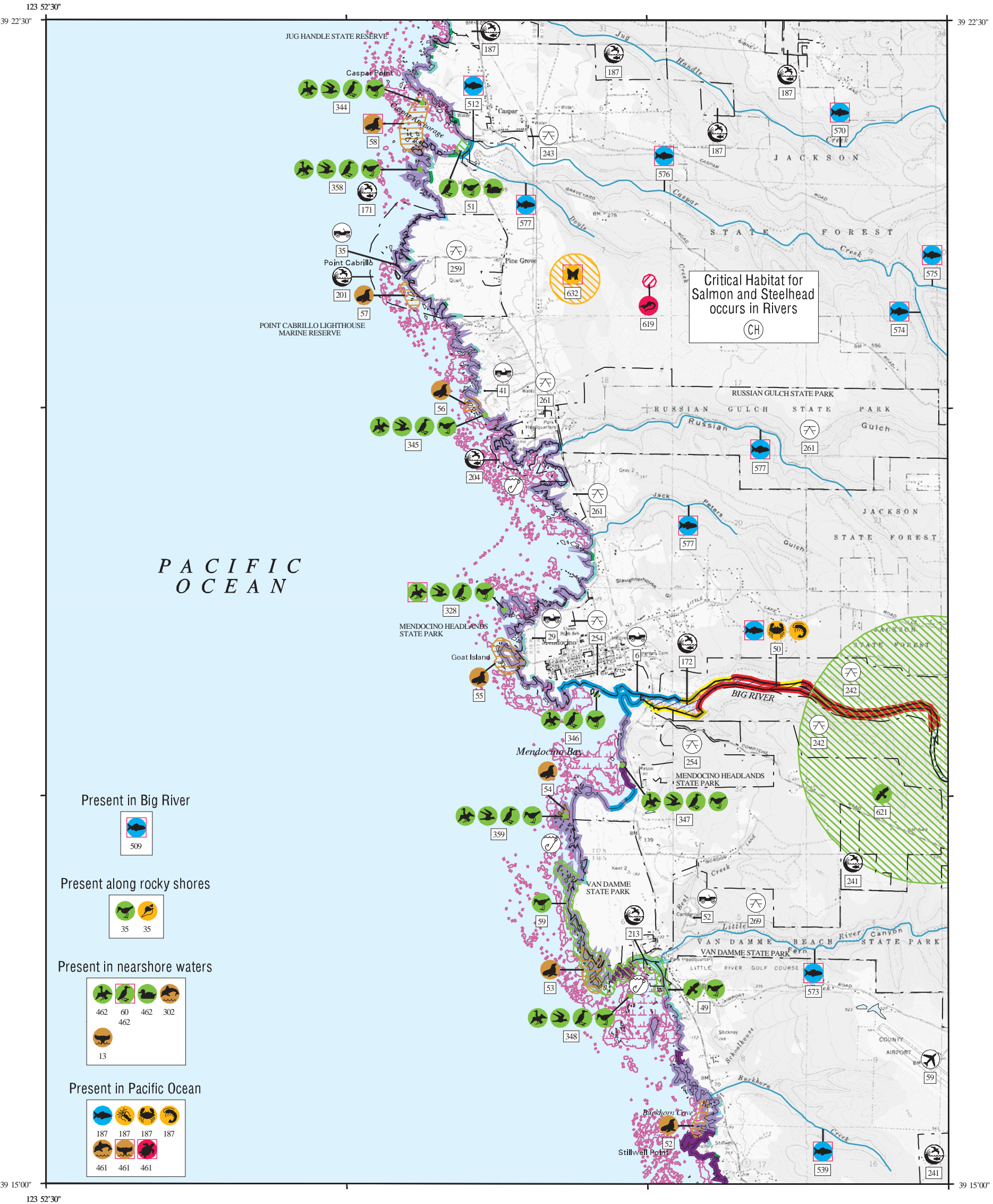
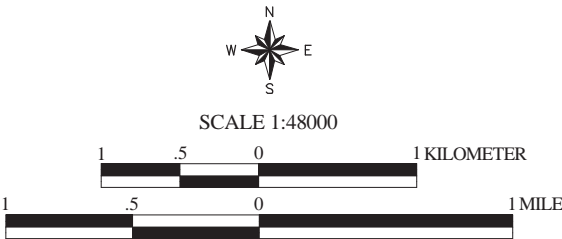


ENVIRONMENTAL SENSITIVITY INDEX MAP



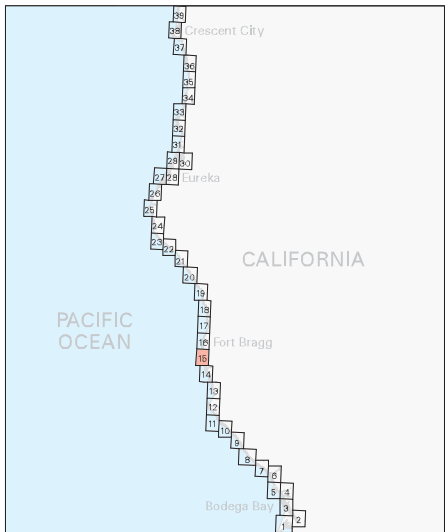
SHORELINE HABITATS (ESI)

- 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
- 10A SALT- AND BRACKISH- WATER MARSHES
- 10B FRESHWATER MARSHES
- 10C SWAMPS
- 10D SCRUB- SHRUB WETLANDS



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Northern California: ESIMAP 15

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting
35	Black oystercatcher		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Black turnstone		X	X	X	X	X		X	X	X	X	X	X	-	-	-
	Rock sandpiper		X	X	X	X					X	X	X		-	-	-
	Semipalmated plover				X	X	X		X	X	X	X			-	-	-
	Surfbird		X	X	X	X	X		X	X	X	X	X		-	-	-
	Wandering tattler							X	X	X	X				-	-	-
49	Osprey		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Shorebirds		X	X	X	X		X	X	X	X	X	X	X	-	MAR-APR JUL-OCT	-
51	Seabirds		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Shorebirds		X	X	X	X		X	X	X	X	X	X	X	-	MAR-APR JUL-OCT	-
	Waterfowl		X	X	X	X					X	X	X		-	-	-
59	Black oystercatcher	HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
60	Marbled murrelet	E T VERY LOW		X	X	X	X	X	X	X	X				-	-	-
328	Black oystercatcher	6 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT	-	-
	Brandt's cormorant	476 INDIV.		X	X	X	X	X	X	X	X				MAR-AUG	-	-
	Brown pelican	E E 5 INDIV.		X	X	X	X	X	X	X	X				-	-	-
	Common murre	2,579 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	-	-
	Pelagic cormorant	119 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	-	-
	Pigeon guillemot	54 INDIV.		X	X	X	X	X	X	X					MAY-AUG	-	-
	Rhinoceros auklet	4 INDIV.		X	X	X	X	X	X	X					APR-AUG	-	-
	Tufted puffin	8 INDIV.		X	X	X	X	X	X						MAY-SEP	-	-
	Western gull	48 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	-	-
344	Black oystercatcher	6 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT	-	-
	Pelagic cormorant	29 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	-	-
	Pigeon guillemot	37 INDIV.		X	X	X	X	X	X	X					MAY-AUG	-	-
	Western gull	4 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	-	-
345	Black oystercatcher	7 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT	-	-
	Pelagic cormorant	185 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	-	-
	Pigeon guillemot	63 INDIV.		X	X	X	X	X	X						MAY-AUG	-	-
	Western gull	12 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	-	-
346	Black oystercatcher	3 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT	-	-
	Pelagic cormorant	29 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	-	-
	Pigeon guillemot	58 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	-	-
347	Black oystercatcher	2 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT	-	-
	Pelagic cormorant	35 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	-	-
	Pigeon guillemot	36 INDIV.		X	X	X	X	X	X						MAY-AUG	-	-
	Western gull	2 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	-	-
348	Black oystercatcher	3 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT	-	-
	Pelagic cormorant	68 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	-	-
	Pigeon guillemot	29 INDIV.		X	X	X	X	X	X						MAY-AUG	-	-
	Rhinoceros auklet	3 INDIV.		X	X	X	X	X	X						APR-AUG	-	-
	Tufted puffin	2 INDIV.		X	X	X	X	X							MAY-SEP	-	-
	Western gull	158 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	-	-
358	Black oystercatcher	4 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT	-	-
	Pelagic cormorant	13 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	-	-
	Pigeon guillemot	15 INDIV.		X	X	X	X	X							MAY-AUG	-	-
	Western gull	18 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	-	-
359	Black oystercatcher	1 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT	-	-
	Pelagic cormorant	15 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	-	-
	Pigeon guillemot	41 INDIV.		X	X	X	X	X	X						MAY-AUG	-	-
	Western gull	2 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	-	-
462	Black scoter		X	X	X	X								X	-	-	-
	Brandt's cormorant			X	X	X	X	X	X	X	X				-	-	-
	Clark's grebe		X	X	X	X					X	X	X		-	-	-
	Common loon		X	X	X	X	X				X	X	X	X	-	-	-
	Common murre		X	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	X	-	-	-
	Eared grebe		X	X	X	X					X	X	X	X	-	-	-
	Horned grebe		X	X	X	X					X	X	X		-	-	-
	Pacific loon			X	X	X					X	X			-	-	-
	Pelagic cormorant		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Red-throated loon		X	X	X	X	X				X	X			-	-	-
	Surf scoter		X	X	X	X					X	X	X	X	-	-	-
	Western grebe		X	X	X	X					X	X	X	X	-	-	-
	White-winged scoter		X	X	X	X					X	X	X		-	-	-
621	Osprey		X	X	X	X	X	X	X	X	X	X			FEB-AUG	-	-

FISH:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
50	Bay pipefish		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Cabazon		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	California roach		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Coastrange sculpin		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Copper rockfish		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	English sole		X	X	X	X	X	X	X	X	X	X	X	X	-	-	FEB-JUN	JAN-DEC	-
	Eulachon		X	X	X	X	X						X		-	JAN-MAY	FEB-JUN	-	DEC-MAY
	Green sturgeon	T	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Jacksmelt		X	X	X	X	X	X	X	X	X	X	X	X	JAN-AUG	JAN-AUG	JAN-DEC	JAN-DEC	JAN-DEC
	Kelp greenling		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Longfin smelt		X	X	X	X	X	X	X	X	X	X	X	X	NOV-JAN	NOV-JAN	NOV-FEB	JAN-DEC	OCT-APR
	Night smelt		X	X	X	X	X	X	X	X					JAN-SEP	-	-	JAN-SEP	JAN-SEP
	Northern anchovy							X	X	X					-	-	-	JUL-SEP	JUL-SEP
	Pacific herring		X	X	X	X	X	X	X			X	X		NOV-MAR	NOV-MAR	NOV-MAR	MAR-AUG	NOV-MAR
	Pacific lamprey		X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	APR-JAN	JAN-DEC	JAN-DEC	JAN-DEC
	Pacific sardine		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Pacific staghorn sculpin		X	X	X	X	X	X	X	X	X	X	X	X	DEC-FEB	DEC-FEB	SEP-MAR	JAN-DEC	JAN-DEC
	Pacific tomcod		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Penpoint gunnel		X	X	X	X	X	X	X	X	X	X	X	X	JAN-MAR	-	-	JAN-DEC	JAN-DEC
	Prickly sculpin		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Redtail surfperch		X	X	X	X	X	X	X	X	X	X	X	X	FEB-NOV	-	-	JAN-DEC	FEB-NOV
	Saddleback gunnel		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Shiner surfperch			X	X	X	X	X	X	X	X				APR-NOV	-	-	APR-NOV	APR-NOV
	Silverspotted sculpin		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
	Speckled sanddab		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Starry flounder		X	X	X	X	X	X	X	X	X	X	X	X	-	-	JUN-AUG	JAN-DEC	JAN-DEC
	Striped surfperch		X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUN	-	-	JAN-DEC	JAN-DEC
	Surf smelt		X	X	X	X	X	X	X	X	X	X	X	X	JUN-SEP	JUN-OCT	-	JAN-DEC	JAN-DEC
	Threespine stickleback		X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-SEP	JUN-SEP	JUN-DEC	JAN-DEC
	Tidepool sculpin		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Topsmelt			X	X	X	X	X	X	X					APR-JUN	APR-JUN	APR-JUL	MAR-OCT	MAR-OCT
187	Bat ray			X	X	X	X	X	X	X	X				-	-	-	MAR-NOV	MAR-NOV
	Black rockfish		X	X	X	X	X	X	X	X	X	X	X	X	SEP-NOV	-	JAN-MAY	JAN-DEC	JAN-DEC
	Black-and-yellow rockfish		X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	-	MAR-MAY	JAN-DEC	JAN-DEC
	Blue rockfish		X	X	X	X	X	X	X	X	X	X	X	X	NOV-MAR	-	-	JAN-DEC	JAN-DEC
	Bocaccio		X	X	X	X	X	X	X	X	X	X	X	X	JAN-MAY	JAN-MAY	FEB-MAY	JAN-DEC	JAN-DEC
	Brown rockfish		X	X	X	X	X	X	X	X	X	X	X	X	DEC-JUL	-	-	JAN-DEC	JAN-DEC
	Brown smoothhound		X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	-	-	JAN-DEC	JAN-DEC
	Cabazon		X	X	X	X	X	X	X	X	X	X	X	X	OCT-MAR	OCT-APR	OCT-APR	JAN-DEC	JAN-DEC
	California halibut		X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUN	JAN-SEP	JAN-SEP	JAN-DEC	FEB-OCT
	California skate		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC

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.

Northern California: ESIMAP 15 (cont.)

BIOLOGICAL RESOURCES: (cont.)

FISH: (cont.)

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
187	Canary rockfish (orange)		X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	DEC-MAR	DEC-APR	JAN-DEC	JAN-DEC
	Chilipepper		X	X	X	X	X	X	X	X	X	X	X	X	NOV-JUN	NOV-JUN	JAN-JUN	JAN-DEC	JAN-DEC
	China rockfish		X	X	X	X	X	X	X	X	X	X	X	X	JAN-JUL	-	-	JAN-DEC	JAN-DEC
	Chinook salmon		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Coho salmon		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Copper rockfish		X	X	X	X	X	X	X	X	X	X	X	X	FEB-APR	FEB-APR	FEB-APR	JAN-DEC	JAN-DEC
	English sole		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	Grass rockfish		X	X	X	X	X	X	X	X	X	X	X	X	DEC-FEB	DEC-MAR	JAN-JUN	JAN-DEC	JAN-DEC
	Gray smoothhound							X	X	X	X				-	-	-	-	JUN-SEP
	Green sturgeon		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Jacksmelt		X	X	X	X	X	X	X	X	X	X	X	X	JAN-AUG	JAN-AUG	JAN-DEC	JAN-DEC	JAN-DEC
	Kelp greenling		X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	-	-	JAN-DEC	JAN-DEC
	Leopard shark		X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	-	-	JAN-DEC	OCT-JUN
	Lingcod		X	X	X	X	X	X	X	X	X	X	X	X	NOV-APR	DEC-FEB	FEB-APR	JAN-DEC	JAN-DEC
	Longnose skate		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Monkeyface prickleback		X	X	X	X	X	X	X	X	X	X	X	X	JAN-APR	-	-	JAN-DEC	JAN-DEC
	Northern anchovy							X	X	X	X	X	X		-	-	JUN-SEP	JUN-NOV	JUN-OCT
	Pacific herring		X	X	X	X	X	X	X	X			X	X	NOV-MAR	NOV-MAR	NOV-MAR	MAR-AUG	NOV-MAR
	Pacific sanddab		X	X	X	X	X	X	X	X	X	X	X	X	JUL-SEP	-	-	JAN-DEC	JAN-DEC
	Pacific sardine							X	X	X					-	-	-	-	JUN-AUG
	Quillback rockfish		X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	-	-	JAN-DEC	JAN-DEC
	Rock greenling		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Sand sole		X	X	X	X	X	X	X	X	X	X	X	X	JAN-JUL	-	-	JAN-DEC	JAN-DEC
	Sandpaper skate		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Sevengill shark							X	X	X	X	X	X	X	-	-	-	-	MAR-NOV
	Sixgill shark		X	X	X	X	X	X	X	X	X	X	X	X	JUN-SEP	-	-	JAN-DEC	JAN-DEC
	Speckled sanddab		X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	-	AUG-DEC	JAN-DEC	JAN-DEC
	Spiny dogfish		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	-	-	JAN-DEC	JAN-DEC
	Starry flounder		X	X	X	X	X	X	X	X	X	X	X	X	NOV-FEB	-	-	JAN-DEC	JAN-DEC
	Steelhead		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Striped surfperch		X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUN	-	-	JAN-DEC	JAN-DEC
	Topsmelt		X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	APR-JUL	MAY-AUG	JAN-DEC	JAN-DEC
	Vermilion rockfish		X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	-	-	JAN-DEC	JAN-DEC
	Yellowtail rockfish		X	X	X	X	X	X	X	X	X	X	X	X	JAN-JUL	JAN-JUL	JAN-JUL	JAN-DEC	JAN-DEC
509	Chinook salmon	T	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-SEP	AUG-JAN
	Coho salmon	E E	X	X	X	X	X	X	X	X	X	X	X	X	OCT-FEB	NOV-APR	FEB-JUN	JAN-DEC	SEP-JAN
	Steelhead	T	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	OCT-JUN
512	Steelhead	T	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAY	DEC-JUN	DEC-JUL	JAN-DEC	OCT-JUN
539	Steelhead	T	X	X	X	X	X			X	X	X			-	-	-	-	OCT-JUN
570	Steelhead	T	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	OCT-JUN
573	Coho salmon	E E	X	X	X	X	X	X	X	X	X	X	X	X	OCT-FEB	NOV-APR	FEB-JUN	JAN-DEC	SEP-JAN
	Steelhead	T	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAY	DEC-JUN	DEC-JUL	JAN-DEC	OCT-JUN
574	Coho salmon	E E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	SEP-JAN
	Steelhead	T	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	DEC-JUN
575	Coho salmon	E E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	SEP-JAN
	Steelhead	T	X	X	X	X	X			X					-	-	-	-	DEC-JUN
576	Coho salmon	E E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	SEP-JAN
	Steelhead	T	X	X	X	X	X	X	X	X	X	X	X	X	FEB-APR	MAR-MAY	APR-JUN	JAN-DEC	DEC-JUN
577	Coho salmon	E E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	SEP-JAN
	Steelhead	T	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAY	DEC-JUN	DEC-JUL	JAN-DEC	OCT-JUN

INVERTEBRATE:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
35	Red abalone		X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	APR-JUL	APR-JUL	JAN-DEC	JAN-DEC
50	California bay shrimp		X	X	X	X	X	X	X	X	X	X	X	X	DEC-AUG	DEC-AUG	DEC-SEP	JAN-DEC	JAN-DEC
	Dungeness crab		X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUN	JAN-DEC	-
	Yellow shore crab		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
187	California market squid		X	X	X	X	X	X	X	X	X	X	X	X	APR-NOV	APR-NOV	APR-JAN	JAN-DEC	JAN-DEC
	Dungeness crab		X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	-	MAR-SEP	JUN-SEP	JAN-DEC
	Ocean pink shrimp		X	X	X	X	X	X	X	X	X	X	X	X	SEP-OCT	OCT-APR	MAR-JUL	JAN-DEC	JAN-DEC
	Spot prawn		X	X	X	X	X	X	X	X	X	X	X	X	SEP-APR	SEP-APR	SEP-APR	JAN-DEC	JAN-DEC
632	Lotis blue butterfly	E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	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
13	Gray whale		X	X	X	X	X	X	X	X	X	X	X	X	-	DEC-FEB	-	-
52	Harbor seal	34-96 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
53	Harbor seal	29 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
54	Harbor seal	155-160 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
55	Harbor seal	78-85 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
56	Harbor seal	14 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-MAY	-
57	Harbor seal	36-48 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-MAY	-
58	California sea lion	1-243 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-JUL	-
	Harbor seal	5 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-MAY	-
	Steller sea lion	T 5-40 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-AUG	-
302	Harbor porpoise	MODERATE	X	X	X	X	X	X	X	X	X	X	X	X	JUL-SEP	JUN-AUG	-	-
461	Blue whale	E LOW						X	X	X	X	X	X		-	-	-	-
	Humpback whale	E MODERATE						X	X	X	X				-	-	-	-
	Killer whale	LOW	X	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	X	-	-	-	-
	Pacific white-sided dolphin	LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Risso's dolphin	LOW	X	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	X	-	-	-	-

REPTILE:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Hatching	Internesting	Juveniles	Adults
461	Leatherback sea turtle	E VERY LOW						X	X	X	X	X	X		-	-	-	-	MAY-NOV
619	California red-legged frog		X	X	X	X	X	X	X	X	X	X	X	X	NOV-APR	-	-	JAN-DEC	JAN-DEC

HUMAN USE RESOURCES:

ACCESS:

HUN#	Name	Contact	Phone
6	BIG RIVER	CDFG	
29	MENDOCINO HEADLANDS	CDFG	
35	POINT CABRILLO LIGHT HOUSE	CDFG	
41	RUSSIAN GULCH STATE PARK	CSP	707/937-5804
52	VAN DAMME STATE PARK	CSP	707/937-5804
59	LITTLE RIVER AIRPORT		

ESSENTIAL HABITAT:

HUN#	Name	Contact	Phone
171	ESSENTIAL FISH HABITAT HAPC - ROCKY REEF	PACIFIC STATES MARINE FISHERIES COMMISSION	
172	ESSENTIAL FISH HABITAT HAPC - SEAGRASS	PACIFIC STATES MARINE FISHERIES COMMISSION	

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.

Northern California: ESIMAP 15 (cont.)

HUMAN USE RESOURCES: (cont.)

AIRPORT:

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
187	JUG HANDLE SR	CDPR	707/937-5804
201	POINT CABRILLO SMCA	CDFG	
204	RUSSIAN GULCH SMCA	CDFG	
213	VAN DAMME SMCA	CDFG	

NATURE CONSERVANCY:

HUN#	Name	Contact	Phone
241	PYGMY FOREST	TNC	916/653-5656

PARK:

HUN#	Name	Contact	Phone
242	BIG RIVER ACQUISITION	CDPR	916/445-9099
243	CASPAR HEADLANDS SB	CDPR	707/937-5804
254	MENDOCINO HEADLANDS SP	CDPR	707/937-5804
259	POINT CABRILLO LIGHT STATION	CDPR	707/937-5804
261	RUSSIAN GULCH SP	CDPR	707/937-5804
269	VAN DAMME SP	CDPR	707/937-5804