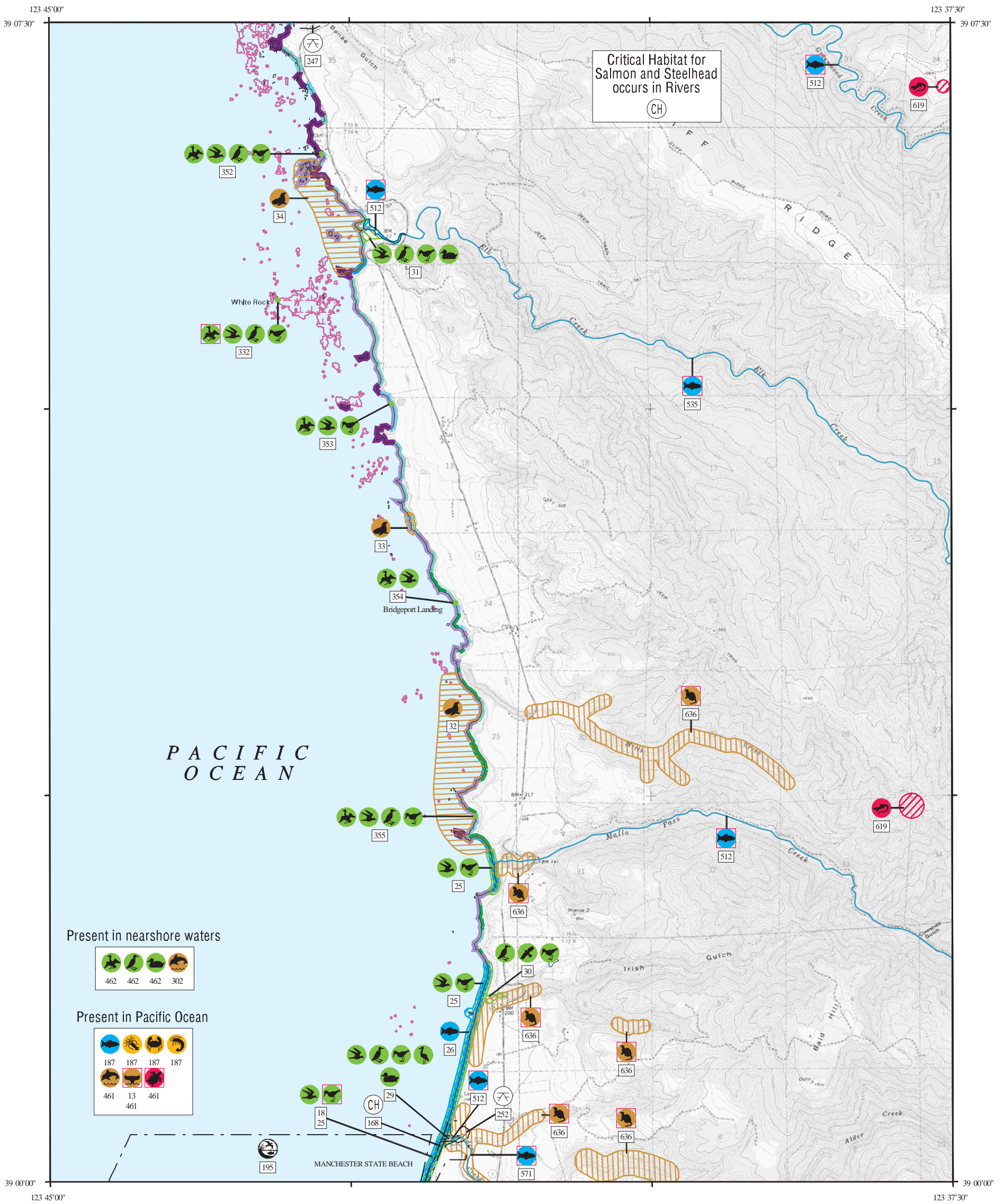


# ENVIRONMENTAL SENSITIVITY INDEX MAP



**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

N  
W E S

SCALE 1:48000

1 .5 0 1 KILOMETER

1 .5 0 1 MILE

CALIFORNIA

PACIFIC OCEAN

Crescent City  
Eureka  
Fort Bragg  
Bodega Bay

**Not For Navigation**  
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Emergency Response Division



**Northern California: ESIMAP 13 (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
571	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	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
187	California market squid		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	MAR-JUN	-	MAR-SEP	JUN-SEP	JAN-DEC	
	Ocean pink shrimp		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	SEP-APR	SEP-APR	SEP-APR	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
13	Gray whale		X	X	X	X	X	X	X	X	X	X	X	-	DEC-FEB	-	-	-
32	Harbor seal	133-311 INDIV.	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
33	California sea lion	1 INDIV.	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
34	California sea lion	18 INDIV.	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Harbor seal	39-61 INDIV.	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
302	Harbor porpoise	MODERATE	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	X	X	-	-	-	-	-
	Killer whale	LOW	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	-	-	-	-	-
	Pacific white-sided dolphin	LOW	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	-	-	-	-	-
	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	Interesting	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	NOV-APR	-	-	-	JAN-DEC	JAN-DEC

**TERRESTRIAL MAMMAL:**

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D
636	Point Arena mountain beaver	E	X	X	X	X	X	X	X	X	X	X	X	X

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**HUMAN USE RESOURCES:**

**CRITICAL HABITAT:**

HUN#	Name	Contact	Phone
168	WESTERN SNOWY PLOVER CRITICAL HABITAT	USFWS	707/822-7201

**MANAGEMENT AREA:**

HUN#	Name	Contact	Phone
195	MANCHESTER AND ARENA ROCK SMCA	CDFG	

**PARK:**

HUN#	Name	Contact	Phone
247	GREENWOOD SB	CDPR	707/937-5804
252	MANCHESTER SP	CDPR	707/882-2463

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.