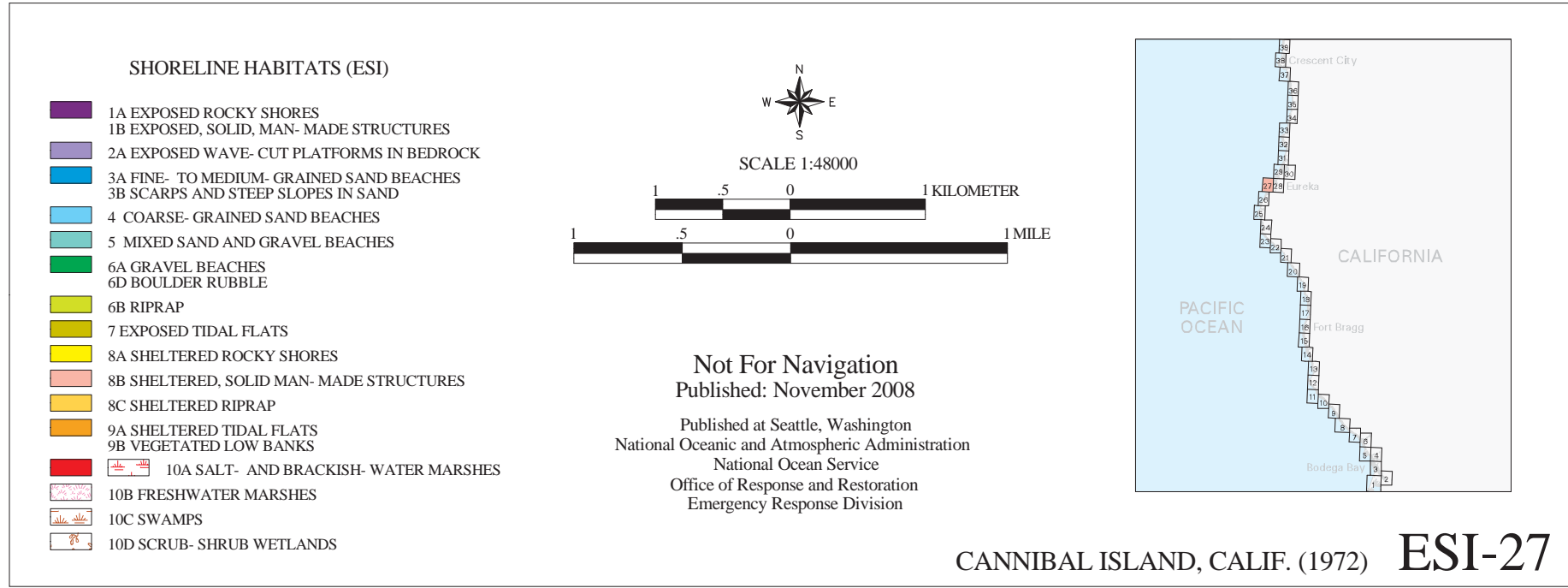
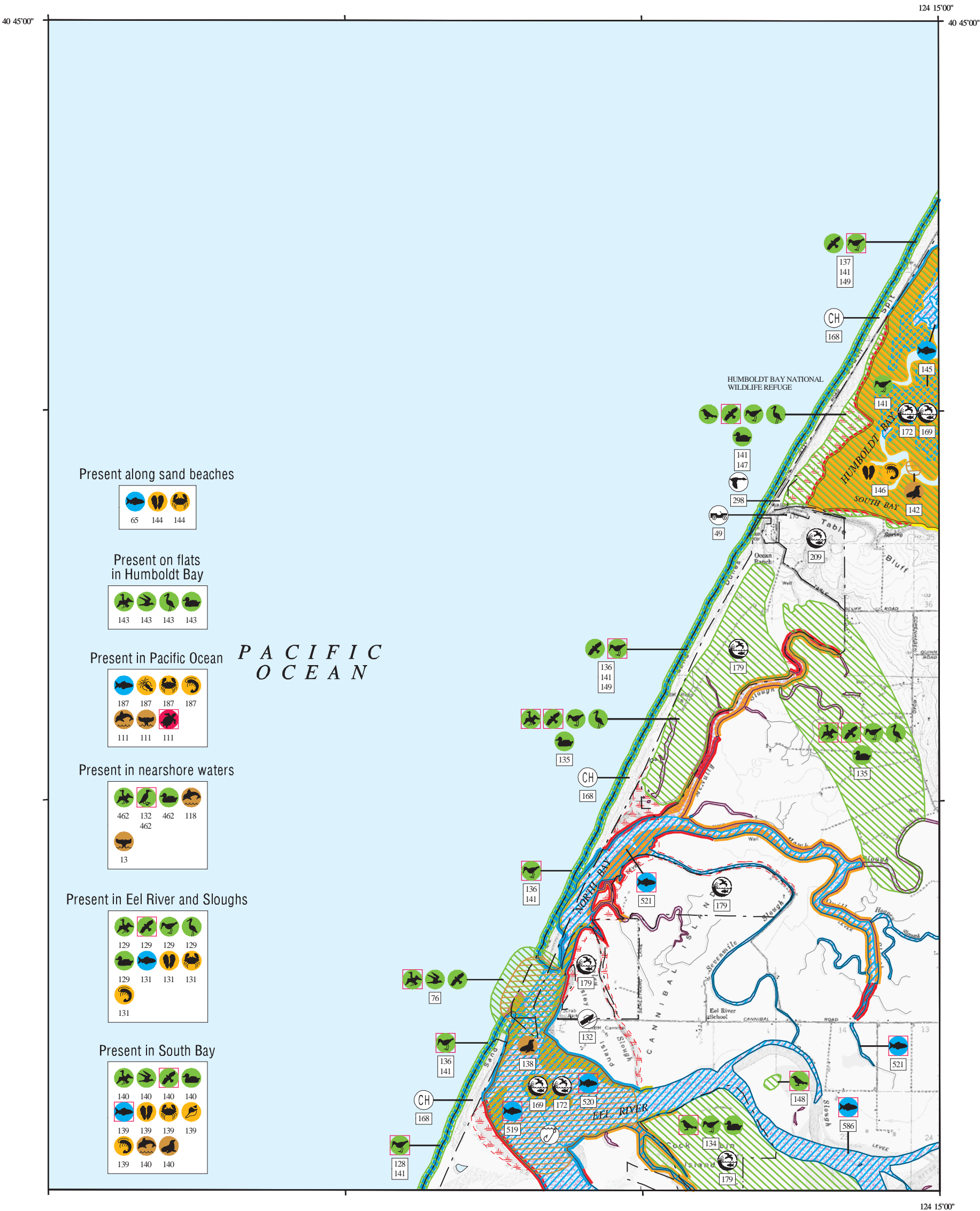


# ENVIRONMENTAL SENSITIVITY INDEX MAP



Northern California: ESIMAP 27

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting
			-	-	-	-	-	-	-	-	-	-	-	-			
76	Brandt's cormorant					X	X	X	X	X	X	X	X		-	-	-
	Brown pelican	E E				X	X	X	X	X	X	X	X		-	-	-
	California gull								X	X	X	X	X		-	-	-
	Caspian tern				X	X	X	X	X	X	X	X			-	-	-
	Double-crested cormorant		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Elegant tern					X	X	X	X	X	X	X			-	-	-
	Glaucous-winged gull		X	X	X	X	X		X	X	X	X			-	-	-
	Heermann's gull					X	X	X	X	X	X				-	-	-
	Osprey		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Pelagic cormorant		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Raptors		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Ring-billed gull		X	X	X	X		X	X	X	X	X			-	-	-
	Western gull		X	X	X	X	X	X	X	X	X	X	X		-	-	-
128	Western snowy plover	T 1-42 BIRDS	X	X	X	X	X	X	X	X	X	X	X		MAR-SEP	-	-
129	American peregrine falcon	E	X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Brant		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 merganser		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				-	-	-
	Merlin		X	X	X	X			X	X	X	X			-	-	-
	Osprey		X	X	X	X	X	X	X	X	X	X			FEB-AUG	-	-
	Pacific loon				X	X	X		X	X					-	-	-
	Red-breasted merganser		X	X	X	X	X		X	X					-	-	-
	Red-throated loon		X	X	X	X			X	X					-	-	-
	Shorebirds	HIGH	X	X	X	X		X	X	X	X	X	X		-	MAR-APR JUL-OCT	-
	Wading birds		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Western grebe		X	X	X	X			X	X	X	X			-	-	-
132	Marbled murrelet	E T MODERATE			X	X	X	X	X	X	X	X			-	-	-
134	Shorebirds	HIGH	X	X	X	X		X	X	X	X	X	X		-	MAR-APR JUL-OCT	-
	Tundra swan		X	X									X		-	-	-
	Yellow-billed cuckoo	E				X	X	X	X	X					-	-	-
135	Aleutian cackling goose		X	X	X	X									-	-	-
	American peregrine falcon	E	X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Brown pelican	E E			X	X	X	X	X	X	X	X			-	-	-
	Double-crested cormorant		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Shorebirds		X	X	X	X		X	X	X	X	X	X		-	MAR-APR JUL-OCT	-
	Wading birds		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Waterfowl		X	X	X	X			X	X	X				-	-	-
136	Western snowy plover	T 15-22 BIRDS	X	X	X	X	X	X	X	X	X	X	X		MAR-SEP	-	-
137	Western snowy plover	T 4-8 BIRDS	X	X	X	X	X	X	X	X	X	X	X		MAR-SEP	-	-
140	American peregrine falcon	E	X	X	X	X	X	X	X	X	X	X	X		-	-	-
	American wigeon		X	X	X	X			X	X	X				-	-	-
	Brant	1500-20000	X	X	X	X			X	X					-	-	-
	Bufflehead		X	X	X	X			X	X					-	-	-
	Cinnamon teal		X	X	X				X	X	X	X			-	-	-
	Double-crested cormorant		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Greater scaup		X	X	X	X			X	X	X				-	-	-
	Green-winged teal		X	X	X	X			X	X	X	X			-	-	-
	Mallard		X	X	X				X	X	X				-	-	-
	Northern pintail		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Northern shoveler		X	X	X	X			X	X	X	X			-	-	-
	Osprey		X	X	X	X	X	X	X	X	X	X			FEB-AUG	-	-
	Red-breasted merganser		X	X	X	X	X		X	X					-	-	-
	Ruddy duck		X	X	X	X			X	X	X				-	-	-
141	American avocet	1000S	X	X	X	X			X	X	X	X	X		-	-	-
	Black turnstone	100S	X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Black-bellied plover	1000S	X	X	X	X	X		X	X	X	X	X		-	-	-
	Dunlin	10,000S	X	X	X	X	X		X	X	X				-	-	-
	Greater yellowlegs	100S	X	X	X	X	X		X	X	X	X	X		-	-	-
	Least sandpiper	10,000S	X	X	X	X	X		X	X	X	X	X		-	-	-
	Long-billed curlew	1000S	X	X	X	X		X	X	X	X	X	X		-	-	-
	Long-billed dowitcher	100S	X	X	X	X			X	X	X				-	-	-
	Marbled godwit	10,000S	X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Sanderling	1000S	X	X	X	X	X		X	X	X	X	X		-	-	-
	Semipalmated plover	1000S		X	X	X		X	X	X	X				-	-	-
	Short-billed dowitcher	1000S		X	X		X	X							-	-	-
	Western sandpiper	>100,000	X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Whimbrel	100S		X	X	X		X	X	X					-	-	-
	Willet	10,000S	X	X	X	X		X	X	X	X	X	X		-	-	-
143	Black-crowned night-heron		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Canada goose		X	X	X	X	X	X	X	X	X	X	X		MAR-JUN	-	-
	Cattle egret		X	X	X				X	X	X				-	-	-
	Cormorants		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Great blue heron		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Great egret		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Gulls		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Snowy egret		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Terns		X	X	X	X	X	X	X	X	X				-	-	-
147	American kestrel		X	X	X				X	X	X				-	-	-
	American peregrine falcon	E	X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Bald eagle	E	X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Belted kingfisher		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Dabbling ducks		X	X	X	X			X	X	X				-	-	-
	Diving ducks		X	X	X	X			X	X	X				-	-	-
	Northern harrier		X	X	X	X	X	X	X	X	X	X	X		MAR-JUN	-	-
	Red-shouldered hawk		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Red-tailed hawk		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Wading birds		X	X	X	X	X	X	X	X	X	X	X		-	-	-
148	Yellow-billed cuckoo	E			X	X	X	X	X						-	-	-
149	Burrowing owl		X	X						X	X				-	-	-
462	Black scoter		X	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			-	-	-
	Common murre		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		-	-	-
	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		-	-	-
	Red-throated loon		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				-	-	-

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.

## BIOLOGICAL RESOURCES: (cont.)

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
			-	-	-	-	-	-	-	-	-	-	-	-					
65	Night smelt		X	X	X	X	X	X	X	X	X				JAN-SEP	-	-	JAN-SEP	JAN-SEP
	Redtail surfperch		X	X	X	X	X	X	X	X	X	X	X	X	FEB-NOV	-	-	JAN-DEC	FEB-NOV
	Silver surfperch		X	X	X	X	X	X	X	X	X	X	X	X	SEP-OCT	-	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				MAY-OCT	-	-	MAY-OCT	MAY-OCT
	Walleye surfperch		X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN NOV-DEC	-	-	APR-FEB	JAN-DEC
131	White seaperch		X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-	JAN-DEC	JAN-DEC
	American shad				X	X	X	X	X	X	X				-	-	-	JUL-NOV	APR-JUL
	Bay goby		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Bay pipefish		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Big skate		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Buffalo sculpin		X	X	X	X	X	X	X	X	X	X	X	X	JAN-MAY	-	-	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
	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		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Jack mackerel		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	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	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	X	X	X	JAN-FEB	JAN-FEB	JAN-APR	APR-OCT	SEP-APR
	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 sand lance		X	X	X	X	X	X	X	X	X	X	X	X	-	-	JAN-APR	JAN-DEC	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
	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
	Ringtail snailfish		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Saddleback gunnel		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-DEC	JAN-DEC
	Shiner surfperch						X	X	X	X	X	X	X	X	MAY-JUL	-	-	MAY-DEC	APR-OCT
	Speckled sanddab		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Starry flounder		X	X</															

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 27 (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	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	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
519	Chinook salmon	T	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-SEP	SEP-FEB
	Coastal cutthroat trout		X	X	X	X	X	X	X	X	X	X	X	X	DEC-APR	JAN-APR	-	JAN-DEC	SEP-FEB
	Coho salmon	T T	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	NOV-APR	NOV-MAY	DEC-JUN	JAN-DEC	JAN-DEC
	Tidewater goby	E	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	-	-	-	JAN-DEC
520	Chinook salmon	T	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-SEP	SEP-FEB
	Coastal cutthroat trout		X	X	X	X	X	X	X	X	X	X	X	X	DEC-APR	JAN-APR	-	JAN-DEC	SEP-FEB
	Coho salmon	T T	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	JAN-DEC
	Tidewater goby	E	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	-	-	-	JAN-DEC
521	Chinook salmon	T	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-SEP	SEP-FEB
	Coho salmon	T T	X	X	X	X	X	X	X	X	X	X	X	X	OCT-FEB	NOV-APR	FEB-JUN	JAN-DEC	SEP-JAN
	Tidewater goby	E	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	-	-	-	JAN-DEC
586	Chinook salmon	T	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-SEP	SEP-FEB
	Coastal cutthroat trout		X	X	X	X	X	X	X	X	X	X	X	X	DEC-APR	JAN-APR	-	JAN-DEC	SEP-FEB
	Coho salmon	T T	X	X	X	X	X	X	X	X	X	X	X	X	OCT-FEB	NOV-APR	FEB-JUN	JAN-DEC	SEP-JAN
	Tidewater goby	E	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	-	-	-	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
131	Bay mussel		X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-SEP	MAY-OCT	JAN-DEC	JAN-DEC
	Brown rock crab		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	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	-	-	MAR-JUN	JAN-DEC	JAN-DEC
	Lined shore crab		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Red rock crab		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Softshell clam		X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-SEP	MAY-SEP	JAN-DEC	JAN-DEC
	Yellow shore crab		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
139	Brown rock crab		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	California bay shrimp		X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-JUL	JAN-DEC	JAN-DEC
	Dungeness crab		X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-JUN	JAN-DEC	JAN-DEC
	Geoduck		X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-AUG	JAN-DEC	JAN-DEC
	Green crab		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Horseneck gaper		X	X	X	X	X	X	X	X	X	X	X	X	FEB-APR	-	-	JAN-DEC	JAN-DEC
	Lewis's moonsnail		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Pacific gaper		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	Red rock crab		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
144	Pacific razor clam	LOW	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUN	-	-	JAN-DEC	JAN-DEC
	Pacific sand crab		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
146	California butterclam		X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	-	-	-	JAN-DEC
	Cockles		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Ghost shrimp		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Manila clam		X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	-	JUN-AUG	JAN-DEC	JAN-DEC
	Pacific littleneck	HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC	JAN-DEC
	Softshell clam		X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT	APR-OCT	APR-OCT	JAN-DEC	JAN-DEC
	Washington butterclam		X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	-	-	-	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

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	-	-
111	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	-	-	-	-
118	Harbor porpoise	HIGH	X	X	X	X	X	X	X	X	X	X	X	X	JUL-SEP	JUN-AUG	-	-
138	Harbor seal	17-487 INDIV.	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
140	California sea lion		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Harbor porpoise		X	X	X	X	X	X	X	X	X	X	X	X	JUL-SEP	JUN-AUG	-	-
142	Harbor seal	40-48 INDIV.	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
111	Leatherback sea turtle	E VERY LOW					X	X	X	X	X	X	X		-	-	-	-	MAY-NOV

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HUMAN USE RESOURCES:

ACCESS:

HUN#	Name	Contact	Phone
49	TABLE BLUFF COUNTY PARK	CDFG	

BOAT RAMP:

HUN#	Name	Contact	Phone
132	CRAB COUNTY PARK PRESERVE	CDFG	

CRITICAL HABITAT:

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

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 27 (cont.)

HUMAN USE RESOURCES: (cont.)

ESSENTIAL HABITAT:

HUN#	Name	Contact	Phone
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169	ESSENTIAL FISH HABITAT HAPC - ESTUARIES	PACIFIC STATES MARINE FISHERIES COMMISSION	
172	ESSENTIAL FISH HABITAT HAPC - SEAGRASS	PACIFIC STATES MARINE FISHERIES COMMISSION	

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
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179	EEL RIVER WA	CDFG	707/445-6493
209	TABLE BLUFF ER	CDFG	

WILDLIFE REFUGE:

HUN#	Name	Contact	Phone
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298	HUMBOLDT BAY NWR	USFWS	707/733-5406