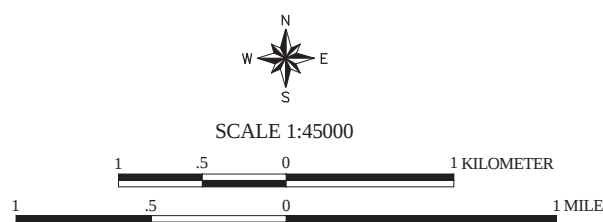
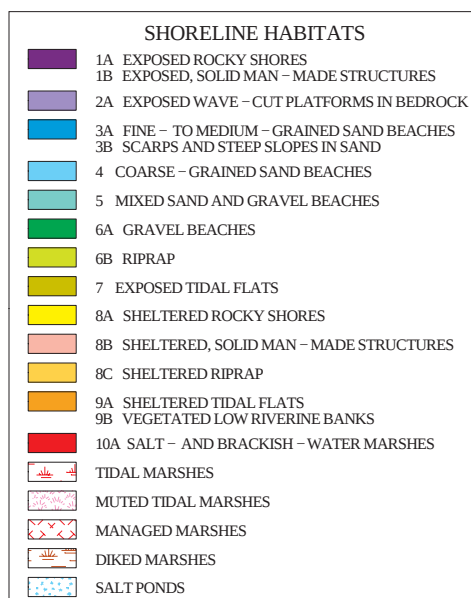
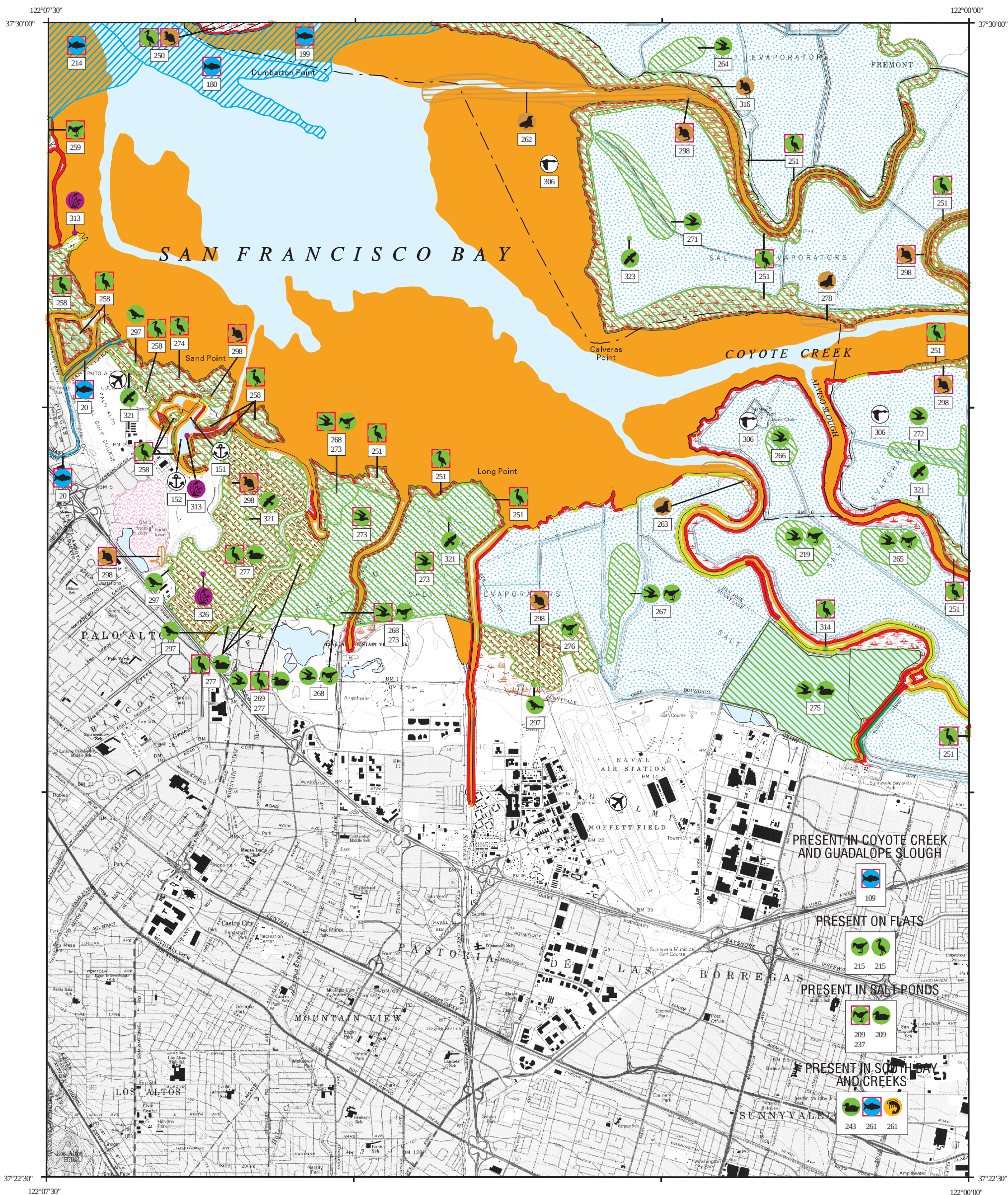
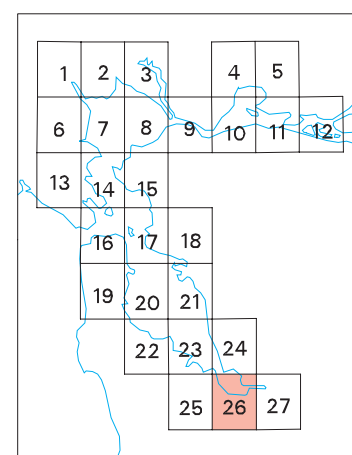


ENVIRONMENTAL SENSITIVITY INDEX MAP



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SAN FRANCISCO BAY – ESIMAP 26

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Laying	Hatching	Fledging
209	Dabbling ducks			HIGH	X	X	X	X					X	X	X	X	-	-	-	-
	Red-necked (Northern) phalarope			HIGH						X	X	X					-	-	-	-
	Ruddy duck			HIGH	X	X	X	X					X	X	X	X	-	-	-	-
	Shorebirds			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
215	Shorebirds			VERY HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Wading birds			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
219	American avocet			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-JUN	MAY-JUL	JUL-SEP
	Forster's tern				X	X	X	X	X	X	X						APR-AUG	APR-JUN	MAY-JUL	JUL-AUG
237	Western snowy plover	F	T	PRESENT	X	X	X	X	X	X	X	X					APR-AUG	APR-JUN	MAY-JUL	JUL-AUG
243	Canvasback			HIGH	X	X	X	X						X	X	X	-	-	-	-
	Diving ducks			HIGH	X	X	X	X						X	X	X	-	-	-	-
	Ruddy duck			HIGH	X	X	X	X					X	X	X	X	-	-	-	-
250	California clapper rail	S/F	E/E	HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	-	-	-
251	California clapper rail	S/F	E/E	HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	-	-	-
258	California clapper rail	S/F	E/E	VERY HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	-	-	-
259	Black-necked stilt			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Red-necked (Northern) phalarope			HIGH						X	X	X					-	-	-	-
	Western snowy plover	F	T	HIGH	X	X	X	X	X	X	X	X					-	-	-	-
264	California gull			15	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-JUN	MAY-JUL	JUL-AUG
	Forster's tern			11		X	X	X	X	X	X						APR-AUG	APR-JUN	MAY-JUL	JUL-AUG
265	American avocet			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-JUN	MAY-JUL	JUL-SEP
	California gull			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-JUN	MAY-JUL	JUL-AUG
	Forster's tern				X	X	X	X	X	X	X						APR-AUG	APR-JUN	MAY-JUL	JUL-AUG
266	California gull			4000	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-JUN	MAY-JUL	JUL-AUG
	Forster's tern				X	X	X	X	X	X							APR-AUG	APR-JUN	MAY-JUL	JUL-AUG
	Western gull			2	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-JUN	MAY-JUL	JUL-AUG
267	American avocet			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-JUN	MAY-JUL	JUL-SEP
	Black-necked stilt			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-JUN	MAY-JUL	JUL-SEP
	California gull			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-JUN	MAY-JUL	JUL-AUG
	Forster's tern				X	X	X	X	X	X							APR-AUG	APR-JUN	MAY-JUL	JUL-AUG
268	American avocet			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-JUN	MAY-JUL	JUL-SEP
	Black-necked stilt			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-JUN	MAY-JUL	JUL-SEP
	California gull			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-JUN	MAY-JUL	JUL-AUG
	Forster's tern				X	X	X	X	X	X							APR-AUG	APR-JUN	MAY-JUL	JUL-AUG
269	Forster's tern				X	X	X	X	X	X							APR-AUG	APR-JUN	MAY-JUL	JUL-AUG
271	California gull			300	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-JUN	MAY-JUL	JUL-AUG
272	California gull			900	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-JUN	MAY-JUL	JUL-AUG
273	California least tern	S/F	E/E	HIGH		X	X	X	X	X	X						-	-	-	-
274	California black rail	S	T	HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	-	-	-
	California clapper rail	S/F	E/E	VERY HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	-	-	-
275	Gulls			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Waterfowl			HIGH	X	X	X					X	X	X	X		-	-	-	-
276	Shorebirds			HIGH	X	X	X	X		X	X	X	X	X	X		-	-	-	-
277	California clapper rail	S/F	E/E	VERY HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	-	-	-
	Waterfowl			HIGH	X	X	X					X	X	X	X		-	-	-	-
297	Saltmarsh common yellowthroat			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	-	-	-
314	California clapper rail	S/F	E/E	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	-	-	-
321	Burrowing owl			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
323	Northern harrier			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-

FISH:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
20	Rainbow trout (steelhead)	F	T	LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	FEB-JUN	JUL-FEB
109	Chinook salmon			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Rainbow trout (steelhead)	F	T	LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	FEB-JUN	JUL-FEB
180	Bat ray			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
	Chinook salmon (fall)			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Chinook salmon (late fall)			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Chinook salmon (spring)			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Chinook salmon (winter)	S/F	E/E	MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Leopard shark			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
	White croaker			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	SEP-MAR	JAN-DEC	-
199	Bat ray			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	JUN-AUG	-	-	JAN-DEC	JAN-DEC
	Chinook salmon (fall)			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Chinook salmon (late fall)			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Chinook salmon (spring)			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Chinook salmon (winter)	S/F	E/E	MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Leopard shark			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	-	-	JAN-DEC	JAN-DEC
	Striped bass			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
261	Chinook salmon (fall)			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Chinook salmon (late fall)			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Chinook salmon (spring)			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Chinook salmon (winter)	S/F	E/E	MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Starry flounder			MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	FEB-DEC	JAN-DEC	JAN-DEC

HABITAT/PLANT:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D
313	Point Reyes bird's-beak			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X
326	Alkali milk-vetch			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X

INVERTEBRATE:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
261	California bay shrimp			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-SEP	MAR-OCT	JAN-NOV

MARINE MAMMAL:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molting
262	Harbor seal			300	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-MAY	JUN-AUG
263	Harbor seal			5	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-MAY	JUN-AUG
278	Harbor seal			40	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-MAY	JUN-AUG

TERRESTRIAL MAMMAL:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D
250	Salt-marsh harvest mouse	S/F	E/E	VERY HIGH	X	X	X	X	X	X	X	X	X	X	X	X
298	Salt-marsh harvest mouse	S/F	E/E	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X
316	Saltmarsh wandering shrew			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X

HUMAN USE RESOURCES:

MARINA:

HUN#	Name	
151	PALO ALTO YACHT CLUB	
152	PALO ALTO YACHT HARBOR	

WILDLIFE REFUGE/MGMT AREA:

HUN#	Name	Owner	Contact	Phone
306	DON O. EDWARDS SAN FRANCISCO BAY NWR	USFWS	REFUGE MANAGER	510-792-0222