

**Preliminary Draft List of Bay Region Species Currently Proposed
to be Included in the Conservation Strategy
May 20, 1998**

Preliminary Criteria for Inclusion on this List

This is a list of special-status species in the Ecosystem Restoration Program Ecological Zones that are within the Bay Region. The Bay Region includes the Suisun Marsh/North San Francisco Bay Ecological zone. The list was developed using the criteria described below. Species shaded in gray are those special-status species that do not meet the preliminary criteria for inclusion and would likely not be addressed in the Conservation Strategy.

Special-Status Species

Special-status species are any species with some form of endangerment or concern status. Special-status species are species that are:

- federally listed as threatened or endangered under the Endangered Species Act (ESA),
- California listed as threatened or endangered under the California Endangered Species Act (CESA),
- proposed for federal listing under the ESA,
- California candidates under the CESA,
- federal candidates under the ESA,
- California fully protected species or specified birds,
- California species of special concern (CSC),
- California Native Plant Society (CNPS) List 1A, List 1B, List 2, or List 3, or
- other species of concern to CALFED.

The list includes all special-status species known to occur or with the potential to occur in the Bay Region. The determination that a species has the potential to occur was based on the species' known range and the presence of suitable habitat in the Bay Region.

Species Addressed by the Conservation Strategy

Criteria for selection of species to potentially be covered in the Conservation Strategy are:

- the species is federally or California listed as rare, threatened, or endangered, or
- the species is a California fully protected species, or
- the species could become federally or California listed as threatened or endangered during the term of CALFED implementation, and
- the species could be affected by CALFED actions.

Species considered to have the potential to become federally or California listed as threatened or endangered during the term of CALFED implementation are those species that are:

- proposed for federal listing
- California candidates
- federal candidates
- California species of special concern (each species considered individually for inclusion - see decision criteria)
- specified birds (each species considered individually for inclusion - see decision criteria)
- CNPS List 1 and List 2 (each species considered individually for inclusion - see decision criteria)
- Other species of concern (each species considered individually for inclusion - see decision criteria).

Decision Criteria for CSC, Specified Birds, CNPS List 1-3, and Other Species of Concern

Included because CALFED actions could affect a substantial portion of the species range or important habitat or because of the limited distribution or rarity of the species.

Draft - For Discussion Purposes Only
Page 1 of 10

Type	Common Name	Scientific Name	Status			Potential Effects on Species in the Bay Region			
			Federal	State	Other	May Be Affected	Not Likely to be Affected	Not Enough Information on the Species	Decision Criteria
Federally Listed as Endangered or Threatened									
P	ANTIOCH DUNES EVENING-PRIMROSE	<i>OENOTHERA DELTOIDES SSP. HOWELLII</i>	E	CE	1B	X			L
P	ANTIOCH DUNES EVENING-PRIMROSE CRIT. HAB.	<i>OENOTHERA DELTOIDES SSP. HOWELLII CRIT. HAB.</i>							
P	CALIFORNIA SEABLITE	<i>SUAEDA CALIFORNICA</i>	E	-	1B	X			L
P	COLUSA GRASS	<i>NEOSTAFIA COLUSANA</i>	T	CE	1B		X2		L
P	CONTRA COSTA GOLDFIELDS	<i>LASTHENIA CONJUGENS</i>	E	-	1B		X2		L

Type	Common Name	Scientific Name	Status			Potential Effects on Species in the Bay Region			Decision Criteria
			Federal	State		May Be Affected	Not Likely to be Affected	Not Enough Information on the Species	
				Other	CE				
P	CONTRA COSTA WALLFLOWER	<i>ERYSIMUM CAPITATUM SSP. ANGUSTATUM</i>	E	CE	1B		X2		L
P	CRAMPTON'S TUCTORIA	<i>TUCTORIA MUCRONATA</i>	E	CE	1B		X2		L
P	FEW-FLOWERED NAVARRETIA	<i>NAVARRETIA LEUCOCEPHALA SSP. PAUCIFLORA</i>	E	CT	1B		X2		L
P	LARGE-FLOWERED FIDDLENECK	<i>AMSINCKIA GRANDIFLORA</i>	E	CE	1B		X2		L
P	LOCH LOMOND BUTTON-CELERY	<i>ERYNGIUM CONSTANCEI</i>	E	CE	1B		X2		L
P	MANY-FLOWERED NAVARRETIA	<i>NAVARRETIA LEUCOCEPHALA SSP. PLIEANTHA</i>	E	CT	1B		X2		L
P	MARIN WESTERN FLAX	<i>HESPEROLINON CONGESTUM</i>	T	CT	1B		X2		L
P	POINT REYES BIRD'S-BEAK	<i>CORDYLANTHUS MARITIMUS SSP. PALUSTRIS</i>	E	CE	1B		X		L
P	SEBASTOPOL MEADOWFOAM	<i>LIMNANTHES VINCLANS</i>	E	CE	1B		X2		L
P	SOFT BIRD'S-BEAK	<i>CORDYLANTHUS MOLLIS SSP. MOLLIS</i>	E	R	1B		X		L
P	SONOMA SPINEFLOWER	<i>CHORIZANTHE VALIDA</i>	E	CE	1B		X2		L
P	SONOMA SUNSHINE	<i>BLENNOSPERMA BAKERI</i>	E	CE	1B		X2		L
P	SUISUN THISTLE	<i>CIRSIUM HYDROPHILUM VAR. HYDROPHILUM</i>	E	-	1B		X		L
P	TIBURON INDIAN PAINTBRUSH	<i>CASTILLEJA AFFINIS SSP. NEGLECTA</i>	E	CT	1B		X2		L
P	TIBURON JEWEL-FLOWER	<i>STREPTANTHUS NIGER</i>	E	CE	1B		X2		L
P	TIBURON MARIPOSA LILY	<i>CALOCHORTUS TIBURONENSIS</i>	T	CT	1B		X2		L
P	WHITE-RAYED PENTACHAETA	<i>PENTACHAETA BELLIDIFLORA</i>	E	CE	1B		X2		L
I	CONSERVANCY FAIRY SHRIMP	<i>BRANCHINECTA CONSERVATIO</i>	E	-	-		X		L
I	VERNAL POOL FAIRY SHRIMP	<i>BRANCHINECTA LYNCHI</i>	T	-	-		X		L
I	VERNAL POOL TADPOLE SHRIMP	<i>LEPIDURUS PACKARDI</i>	E	-	-		X		L
I	CALIFORNIA FRESHWATER SHRIMP	<i>SYNCARIS PACIFICA</i>	E	-	-		X		L
I	DELTA GREEN GROUND BEETLE	<i>ELAPHRUS VIRIDIS</i>	T	-	-		X		L
I	DELTA GREEN GROUND BEETLE CRITICAL HABITAT	<i>ELAPHRUS VIRIDIS CRITICAL HABITAT</i>							
I	VALLEY ELDERBERRY LONGHORN BEETLE	<i>DESMOCERUS CALIFORNICUS DIMORPHUS</i>	T	-	-		X		L
I	Lange's Metalmark	<i>Apodemia mormo langei</i>	E	-	-		X		L
F	CENTRAL VALLEY STEELHEAD	<i>ONCORHYNCHUS MYKISS (CV)</i>	T	-	-		X2		L
F	DELTA SMELT CRITICAL HABITAT	<i>HYPOMESUS TRANSPACIFICUS CRITICAL HABITAT</i>							
F	TIDEWATER GOBY	<i>EUCYCLOGOBIUS NEWBERRYI</i>	E	CSC	-			X	L
F	WINTER-RUN CHINOOK SALMON (R)	<i>ONCORHYNCHUS TSHAWYTSCHA (WR)</i>	E	CE	-		X		L

D-050171

D-050171

Type	Common Name	Scientific Name	Status			Potential Effects on Species in the Bay Region			Decision Criteria
			Federal	State	Other	May Be Affected	Not Likely to be Affected	Not Enough Information on the Species	
F	WINTER-RUN CHINOOK SALMON CRITICAL HABITAT	<i>ONCORHYNCHUS TSHAWYTSCHA CRITICAL HABITAT</i>							
F	DELTA SMELT (R)	<i>HYPOMESUS TRANSPACIFICUS</i>	T	CT	-	X		L	
A	CALIFORNIA RED-LEGGED FROG	<i>RANA AURORA DRAYTONII</i>	T	CSC	-	X		L	
R	GIANT GARTER SNAKE	<i>THAMNOPHIS GIGAS</i>	T	CT	-	X		L	
B	CALIFORNIA BROWN PELICAN	<i>PELECANUS OCCIDENTALIS CALIFORNICUS</i>	E	CE	-		X1	L	
B	ALEUTIAN CANADA GOOSE	<i>BRANTA CANADENSIS LEUCOPAREIA</i>	T	-	-		X1	L	
B	AMERICAN PEREGRINE FALCON	<i>FALCO PEREGRINUS ANATUM</i>	E	CE/FP	-			L	
B	AMERICAN PEREGRINE FALCON CRITICAL HABITAT	<i>FALCO PEREGRINUS ANATUM CRITICAL HABITAT</i>					X		
B	CALIFORNIA CLAPPER RAIL	<i>RALLUS LONGIROSTRIS OBSOLETUS</i>	E	CE/FP	-	X		L	
B	CALIFORNIA LEAST TERN	<i>STERNA ANTILLARUM BROWNI</i>	E	CT/FP	-	X		L	
B	WESTERN SNOWY PLOVER	<i>CHARADRIUS ALEXANDRINUS NIVOSUS</i>	T	-	-	X		L	
M	SALT MARSH HARVEST MOUSE	<i>REITHRODONTOMYS RAVIVENTRIS</i>	E	CE/FP	-	X		L	
California Listed as Endangered, Threatened, Rare, or Fully Protected									
P	BAKER'S MANZANITA	<i>ARCTOSTAPHYLOS BAKERI SSP. BAKERI</i>	-	R	1B/SC		X2	L	
P	BOGGS LAKE HEDGE-HYSSOP	<i>GRATIOLA HETEROSEPALA</i>	-	CE	1B		X2	L	
P	MARIN CHECKERBLOOM	<i>SIDALCEA HICKMANII SSP. VIRIDIS</i>	-	R	1B/SC		X2	L	
P	MASON'S CEANOTHUS	<i>CEANOTHUS MASONII</i>	-	R	1B/SC		X2	L	
P	MASON'S LILAEOPSIS	<i>LILAEOPSIS MASONII</i>	-	R	1B/SC	X		L	
P	MT. DIABLO BIRD'S-BEAK	<i>CORDYLANTHUS NIDULARIUS</i>	-	R	1B/SC		X2	L	
P	NORTH COAST SEMAPHORE GRASS	<i>PLEUROPOGON HOOVERIANUS</i>	-	R	1B/SC		X2	L	
P	ROCK SANICLE	<i>SANICULA SAXATILIS</i>	-	R	1B/SC		X2	L	
P	SANTA CRUZ TARPLANT	<i>HOLOCARPHA MACRADENIA</i>	-	CE	1B		X2	L	
B	GOLDEN EAGLE	<i>AQUILA CHRYSAETOS</i>	PR	CSC/FP	-		X1	L	
B	SWAINSON'S HAWK	<i>BUTEO SWAINSONI</i>	-	CT	SC	X		L	
B	WHITE-TAILED KITE	<i>ELANUS LEUCURUS</i>	-	FP	-	X		L	
B	CALIFORNIA BLACK RAIL	<i>LATERALLUS JAMAICENSIS COTURNICULUS</i>	-	CT/FP	SC	X		L	
B	LITTLE WILLOW FLYCATCHER	<i>EMPIDONAX TRAILLI BREWSTERI</i>	-	CE	SC		X1	L	
M	RINGTAIL	<i>BASSARISCUS ASTUTUS</i>	-	FP	-	X		L	

Federally Proposed

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Type	Common Name	Scientific Name	Status			Potential Effects on Species in the Bay Region			Decision Criteria
			Federal	State	Other	May Be Affected	Not Likely to be Affected	Not Enough Information on the Species	
P	BAKER'S LARKSPUR	<i>DELPHINIUM BAKERI</i>	PE	R	1B		X2	L	
P	CALISTOGA POPCORN-FLOWER	<i>PLAGIOBOTHRYIS STRICTUS</i>	PE	CT	1B		X2	L	
P	CLARA HUNT'S MILK-VETCH	<i>ASTRAGALUS CLARIANUS</i>	PE	CT	1B		X2	L	
P	KENWOOD MARSH CHECKERBLOOM	<i>SIDALCEA OREGANA SSP. VALIDA</i>	PE	CE	1B	X		P	
P	NAPA BLUE GRASS	<i>POA NAPENSIS</i>	PE	CE	1B		X2	P	
P	PALLID MANZANITA	<i>ARCTOSTAPHYLOS PALLIDA</i>	PE	CE	1B		X2	P	
P	SHOWY INDIAN CLOVER	<i>TRIFOLIUM AMOENUM</i>	PE	-	1B		X2	P	
P	SONOMA ALOPECURUS	<i>ALOPECURUS AEQUALIS VAR. SONOMENSIS</i>	PE	-	1B	X		P	
P	YELLOW LARKSPUR	<i>DELPHINIUM LUTEUM</i>	PE	R	1B		X2	L	
I	CALLIPPE SILVERSPOT	<i>SPEYERIA CALLIPPE CALLIPPE</i>	PE	-	-	X		P	
F	SPRING-RUN CHINOOK SALMON (R)	<i>ONCORHYNCHUS TSHAWYTSCHA (SR)</i>	PE	CCT	-	X		L	
F	SACRAMENTO SPLITTAIL	<i>POGONICHTHYS MACROLEPIDOTUS</i>	PT	CSC	-	X		P	
Federal Candidate									
A	CALIFORNIA TIGER SALAMANDER	<i>AMBYSTOMA CALIFORNIENSE</i>	C	-	-	X		P	
B	MOUNTAIN PLOVER	<i>CHARADRIUS MONTANUS</i>	C	CSC	-		X1	P	

California Species of Special Concern, or CNPS List 1 or 2

P	ADOBE LILY	<i>FRITILLARIA PLURIFLORA</i>			1B/SC		X2	
P	ALKALI MILK-VETCH	<i>ASTRAGALUS TENER VAR. TENER</i>			1B/SC		X2	
P	BAKER'S NAVARRETTA	<i>NAVARRETTIA LEUCOCEPHALA SSP. BAKERI</i>			1B		X2	
P	BEARDED POPCORN-FLOWER	<i>PLAGIOBOTHRYIS HYSTRICULUS</i>			1A		X2	
P	BEN LOMOND BUCKWHEAT	<i>ERIOGONUM NUDUM VAR. DECURRENS</i>			1B		X2	
P	BIG TARPLANT	<i>BLEPHARIZONIA PLUMOSA SSP. PLUMOSA</i>			1B		X2	
P	BIG-SCALE BALSAMROOT	<i>BALSAMORHIZA MACROLEPIS VAR. MACROLEPIS</i>			1B		X2	
P	BREWER'S WESTERN FLAX	<i>HESPEROLINON BREWERI</i>			1B/SC		X2	
P	BRITTLESCALE	<i>ATRIPLEX DEPRESSA</i>			1B/SC		X2	
P	CALISTOGA CEANOETHUS	<i>CEANOETHUS DIVERGENS</i>			1B/SC		X2	
P	CAPER-FRUITED TROPIDOCARPUM	<i>TROPIDOCARPUM CAPPARIDEUM</i>			1A/SC		X2	
P	CARQUINEZ GOLDENBUSH	<i>ISOCOMA ARGUTA</i>			1B/SC		X2	
P	COBB MTN. LUPINE	<i>LUPINUS SERICATUS</i>			1B		X2	

D-050173

D-050173

Type	Common Name	Scientific Name	Status			Potential Effects on Species in the Bay Region			
			Federal	State	Other	May Be Affected	Not Likely to be Affected	Not Enough Information on the Species	Decision Criteria
P	COLUSA LAYIA	LAYIA SEPTENTRIONALIS			1B			X2	
P	CONGDON'S TARPLANT	HEMIZONIA PARRYI SSP. CONGDONII			1B/SC			X2	
P	CONTRA COSTA MANZANITA	ARCTOSTAPHYLOS MANZANITA SSP. LAEVIGATA			1B			X2	
P	DELTA MUDWORT	LIMOSELLA SUBULATA	-	-	2		X		A
P	DELTA TULE PEA	LATHYRUS JEPSONII VAR. JEPSONII	-	-	1B/SC		X		A
P	DIABLO HELIANTHELLA	HELIANTHELLA CASTANEA			1B/SC			X2	
P	DIAMOND-PETALED CALIFORNIA POPPY	ESCHSCHOLZIA RHOMBIPETALA			1B/SC			X2	
P	DWARF DOWNINGIA	DOWNINGIA PUSILLA			2			X2	
P	FERRIS'S MILK-VETCH	ASTRAGALUS TENER VAR. FERRISIAE			1B/SC			X2	
P	FRAGRANT FRITILLARY	FRITILLARIA LILACEA			1B/SC			X2	
P	FREED'S JEWEL-FLOWER	STREPTANTHUS BRACHIATUS SSP. HOFFMANII			1B/SC			X2	
P	HALL'S BUSH MALLOW	MALACOTHAMNUS HALLII			1B			X2	
P	HALL'S MADIA	MADIA HALLII			1B/SC			X2	
P	HEARTSCALE	ATRIPLEX CORDULATA			1B/SC			X2	
P	HISPID BIRD'S-BEAK	CORDYLANTHUS MOLLIS SSP. HISPIDUS			1B/SC			X2	
P	HOSPITAL CANYON LARKSPUR	DELPHINIUM CALIFORNICUM SSP. INTERIUS			1B/SC			X2	
P	JEPSON'S MILK-VETCH	ASTRAGALUS RATTANII VAR. JEPSONIANUS			1B			X2	
P	KRUCKEBERG'S JEWEL-FLOWER	STREPTANTHUS MORRISONII SSP. KRUCKEBERGII			1B/SC			X2	
P	LEGENERE	LEGENERE LIMOSA			1B/SC			X2	
P	MARIN COUNTY NAVARRETIA	NAVARRETIA ROSULATA			1B			X2	
P	MARSH CHECKERBLOOM	SIDALCEA OREGANA SSP. HYDROPHILA	-	-	1B/SC		X		A
P	MOST BEAUTIFUL JEWEL-FLOWER	STREPTANTHUS ALBIDUS SSP. PERAMOENUS			1B/SC			X2	
P	MT. DIABLO BUCKWHEAT	ERIOGONUM TRUNCATUM			1A			X2	
P	MT. DIABLO FAIRY-LANTERN	CALOCHORTUS PULCHELLUS			1B			X2	
P	MT. DIABLO JEWEL-FLOWER	STREPTANTHUS HISPIDUS			1B/SC			X2	
P	MT. DIABLO MANZANITA	ARCTOSTAPHYLOS AURICULATA			1B			X2	
P	MT. DIABLO PHACELIA	PHACELIA PHACELIODES			1B/SC			X2	
P	MT. TAMALPAIS JEWEL-FLOWER	STREPTANTHUS GLANDULOSUS SSP. PULCHELLUS			1B			X2	
P	NAPA WESTERN FLAX	HESPEROLINON SERPENTINUM			1B			X2	

D-050174

D-050174

Type	Common Name	Scientific Name	Status			Potential Effects on Species in the Bay Region			
			Federal	State	Other	May Be Affected	Not Likely to be Affected	Not Enough Information on the Species	Decision Criteria
P	NARROW-LEAVED DAISY	ERIGERON ANGUSTATUS	-	-	1B		X2		
P	NORTHERN CALIFORNIA BLACK WALNUT	JUGLANS CALIFORNICA VAR. HINDSII	-	-	1B/SC	X			A
P	PETALUMA POPCORN-FLOWER	PLAGIOBOTHRYIS MOLLIS VAR. VESTITUS			1A		X2		
P	PINCUSHION NAVARRETTIA	NAVARRETTIA MYERSII			1B		X2		
P	POINT REYES CHECKERBLOOM	SIDALCEA CALYCOSA SSP. RHIZOMATA			1B		X2		
P	RAYLESS RAGWORT	SENECIO APHANACTIS			2		X2		
P	RINCON MANZANITA	ARCTOSTAPHYLOS STANFORDIANA SSP. DECUMBENS			1B		X2		
P	RINCON RIDGE CEANOETHUS	CEANOETHUS CONFUSUS			1B/SC		X2		
P	ROBUST MONARDELLA	MONARDELLA VILLOSA SSP. GLOBOSA			1B		X2		
P	SAN FRANCISCO OWL'S-CLOVER	TRIPHYSARIA FLORIBUNDA			1B		X2		
P	SAN JOAQUIN SPEARSCALE	ATRIplex JOAQUINIANA			1B/SC		X2		
P	SANFORD'S ARROWHEAD	SAGITTARIA SANFORDII	-	-	1B/SC	X			A
P	SERPENTINE CRYPTANTHA	CRYPTANTHA CLEVELANDII VAR. DISSITA			1B		X2		
P	SHOWY MADIA	MADIA RADIATA			1B		X2		
P	SNOW MOUNTAIN BUCKWHEAT	ERIOGONUM NERVULOSUM			1B/SC		X2		
P	SOCRATES MINE JEWEL-FLOWER	STREPTANTHUS BRACHIATUS SSP. BRACHIATUS			1B/SC		X2		
P	SONOMA BEARDTONGUE	PENSTEMON NEWBERRYI VAR. SONOMENSIS			1B		X2		
P	SONOMA CEANOETHUS	CEANOETHUS SONOMENSIS			1B/SC		X2		
P	SONOMA MANZANITA	ARCTOSTAPHYLOS CANESCENS SSP. SONOMENSIS			1B		X2		
P	SUISUN MARSH ASTER	ASTER LENTUS	-	-	1B/SC	X			A
P	THREE PEAKS JEWEL-FLOWER	STREPTANTHUS MORRISONII SSP. ELATUS			1B/SC		X2		
P	TWO-CARPELLATE WESTERN FLAX	HESPEROLINON BICARPELLATUM			1B/SC		X2		
P	WESTERN LEATHERWOOD	DIRCA OCCIDENTALIS			1B	X			
P	WOOLLY MEADOWFOAM	LIMNANTHES FLOCCOSA SSP. FLOCCOSA			2		X2		
I	MONARCH BUTTERFLY	DANAUS PLEXIPPUS (ROOST)	-	CSC	-	X			B
P	RIVER LAMPREY	LAMPETRA AYRESI		CSC					
F	GREEN STURGEON (R)	ACIPENSER MEDIROSTRIS	-	CSC	-	X			B
F	LONGFIN SMELT	SPIRINCHUS THALEICHTHYS	-	CSC	-	X			B
F	HARDHEAD	MYLOPHARODON CONOCEPHALUS	-	CSC	-	X			B

D-050175

Type	Common Name	Scientific Name	Potential Effects on Species in the Bay Region				Decision Criteria		
			Status			May Be Affected		Not Likely to be Affected	Not Enough Information on the Species
			Federal	State	Other				
A	WESTERN SPADEFOOT	SCAPHIOPUS HAMMONDII	-	CSC	SC	X		A	
A	FOOTHILL YELLOW-LEGGED FROG	RANA BOYLI	-	CSC	SC		X2	A	
R	WESTERN POND TURTLE	CLEMMYS MARMORATA	-	CSC	SC	X		A	
R	CALIFORNIA HORNED LIZARD	PHRYNOSOMA CORONATUM FRONTALE	-	CSC	SC	X			
R	SAN JOAQUIN WHIPSNAKE	MASTICOPHIS FLAGELLUM RUDDOCKI	-	CSC	SC	X		B	
B	WHITE-FACED IBIS	PLEGADIS CHIH	-	CSC	SC	X		A	
B	HARLEQUIN DUCK	HISTRIONICUS HISTRIONICUS	-	CSC	SC		X1		
B	COOPER'S HAWK	ACCIPITER COOPERII	-	CSC			X1		
B	FERRUGINOUS HAWK	BUTEO REGALIS	-	CSC	SC		X1		
B	NORTHERN HARRIER	CIRCUS CYANEUS	-	CSC	-	X		A	
B	OSPREY	PANDION HALIAETUS	-	CSC/SB			X1		
B	SHARP-SHINNED HAWK	ACCIPITER STRIATUS	-	CSC			X1		
B	MERLIN	FALCO COLUMBARIUS	-	CSC			X1		
B	PRAIRIE FALCON	FALCO MEXICANUS	-	CSC			X1		
B	YELLOW RAIL	COTURNICOPS NOVEBORACENSIS	-	CSC			X1		
B	LONG-BILLED CURLEW	NUMENIUS AMERICANUS	-	CSC	-	X		A	
B	CALIFORNIA GULL	LARUS CALIFORNICUS	-	CSC	-	X		B	
B	LONG-EARED OWL	ASIO OTUS	-	CSC	-	X		B	
B	SHORT EARED OWL	ASIO FLAMMEUS	-	CSC	-	X		B	
B	WESTERN BURROWING OWL	ATHENE CUNICULARIA HYPUGEA	-	CSC	SC	X		A	
B	PURPLE MARTIN	PROGNE SUBIS	-	CSC			X1		
B	LOGGERHEAD SHRIKE	LANIUS LUDOVICIANUS	-	CSC		X			
B	SAN PABLO SONG SPARROW	MELOSPIZA MELODIA SAMUELIS	-	CSC	SC	X		A	
B	SUISUN SONG SPARROW	MELOSPIZA MELODIA MAXILLARIS	-	CSC	SC	X		A	
B	ALAMEDA SONG SPARROW	MELOSPIZA MELODIA PUSILLULA	-	CSC	SC	X		A	
B	BELL'S SAGE SPARROW	AMPHISPIZA BELLI BELLI	-	CSC	SC		X2		
B	CALIFORNIA YELLOW WARBLER	DENDROICA PETECHIA BREWSTERI	-	CSC		X			
B	GRASSHOPPER SPARROW	AMMODRAMUS SAVANNARUM	-	CSC	-	X		B	
B	SALT MARSH COMMON YELLOWTHROAT	GEOTHLYPIS TRICHAS SINUOSA	-	CSC	SC	X		A	

Type	Common Name	Scientific Name	Potential Effects on Species in the Bay Region				
			Status			Decision Criteria	
			Federal	State	Other		
B	YELLOW BREASTED CHAT	<i>ICTERIA VIRENS</i>		CSC		X1	
M	SUISUN ORNATE SHREW	<i>SOREX ORNATUS SINUOSUS</i>		CSC	SC	X	B
M	GREATER WESTERN MASTIFF-BAT	<i>EUMOPS PEROTIS CALIFORNICUS</i>		CSC	SC	X	
M	PALLID BAT	<i>ANTROZOUS PALLIDUS</i>		CSC			X1
M	CALIFORNIA RED TREE VOLE	<i>PHENACOMYS LONGICAUDUS</i>		CSC	SC		X2
M	AMERICAN BADGER	<i>TAXIDEA TAXUS</i>		CSC		X	

Other Species of Concern or CNPS List 3

P	DOUGLASS' POGOYNE	<i>POGOYNE DOUGLASSII SSP. PARVIFLORA</i>			3	X	
P	GAIRDNER'S YAMPAH	<i>PERIDERIDIA GAIRDNERI SSP. GAIRDNERI</i>			SC		X2
P	HAYFIELD TARPLANT	<i>HEMIZONIA CONGESTA SSP. LEUCOCEPHALA</i>			3		X2
P	LITTLE MOUSETAIL	<i>MYOSURUS MINIMUS SSP. APUS</i>			3/SC		X2
P	MARIN KNOTWEED	<i>POLYGONUM MARINENSE</i>			3/SC	X	A
P	MT. SAINT HELENA MORNING-GLORY	<i>CALYSTEGIA COLLINA SSP. OXYPHYLLA</i>			SC		X2
P	SERPENTINE MONKEYFLOWER	<i>MIMULUS BRACHIATUS</i>			3		X2
P	STREAMSIDE DAISY	<i>ERIGERON BIOLETTII</i>			3		X2
P	TIBURON BUCKWHEAT	<i>ERIOGONUM LUTEOLUM VAR. CANINUM</i>			3		X2
P	WOOLLY-HEADED LESSINGIA	<i>LESSINGIA HOLOLEUCA</i>			3		X2
M	BRIDGES' COAST RANGE SHOULDERBAND SNAIL	<i>HELMINTHOGLYPTA NICKLINIANA BRIDGESI</i>			SC		X2
M	WILLIAM'S BRONZE SHOULDERBAND SNAIL	<i>HELMINTHOGLYPTA ARROSA WILLIAMSII</i>			SC	X	
M	MIDDLEKAUF'S SHIELDBACK KATYDID	<i>IDIOSTATUS MIDDLEKAUFII</i>			SC	X	
M	Antioch Dunes Anthicid Beetle	<i>Anthicus anthiochensis</i>			SC	X	
M	CIERVO AEGIALIAN SCARAB BEETLE	<i>AEGIALIA CONCINNA</i>			SC	X	
M	CURVED-FOOT HYGROTUS DIVING BEETLE	<i>HYGROTUS CURVIPES</i>			SC	X	
M	Globose Dune Beetle	<i>Coelus globosus</i>			SC	X	
M	LEECH'S SKYLINE DIVING BEETLE	<i>HYDROPORUS LEECHI</i>			SC		X
M	Moetan blister beetle	<i>Lytta moesta</i>			SC	X	
M	RICKSECKER'S WATER SCAVENGER BEETLE	<i>HYDROCHARA RICKSECKERI</i>			SC	X	
M	SACRAMENTO ANTHICID BEETLE	<i>ANTHICUS SACRAMENTO</i>			SC	X	
M	SACRAMENTO VALLEY TIGER BEETLE	<i>CICINDELA HIRTICOLLIS ABRUPTA</i>			SC	X	

Type	Common Name	Scientific Name	Status			Other	May Be Not Likely Affected to be Information Decision Criteria
			Federal	State	Other		
M	SAN JOAQUIN DUNE BEETLE	<i>COELUS GRACILIS</i>				X	
I	SANDY BEACH TIGER BEETLE	<i>CICINDELA HIRTICOLLIS GRAVIDA</i>				X	
I	MAJIN ELFIN BUTTERFLY	<i>INCISALTA MOSSII</i>				X	
I	OPLEB'S LONGHORN MOTH	<i>ADELA OPIRELLA</i>				X	
I	Ammoth Copburn, Robertly	<i>Cophura hursi</i>				X	
I	Ammoth Elican, Robertly	<i>Efferia antiochi</i>				X	
I	HURD'S METAPOGON ROBERTLY	<i>METAPOGON HURDI</i>				X	
I	Ammoth Sphecid wasp	<i>Philanthus nasalis</i>				X	
I	Ammoth Maudsl Wasp	<i>Mymosula pacifica</i>				X	
I	REDBEADED SPHECID WASP	<i>EUCERCERIS RUFICEPS</i>				X	
I	Yellow-headed Andrenid Bee	<i>Perdia hirticeps luteochnia</i>				X	
H	PACIFIC LAMPREY	<i>LAMPETRA TRIDENTATA</i>				X	
B	GREAT BLUE HERON (ROOKERY)	<i>ARDEA HERODIAS</i>				X	A
B	CALIFORNIA HORNED LARK	<i>EREMOPHILA ALPESTRIS ACTIA</i>				X	A
B	TRICOLORED BLACKBIRD	<i>AGELAIUS TRICOLOR</i>				X	A
M	FRINGED MYOTIS	<i>MYOTIS THYSANODES</i>				X	
M	LONG-EARED MYOTIS	<i>MYOTIS EVOTIS</i>				X2	
M	LONG-LEGGED MYOTIS	<i>MYOTIS VOLANS</i>				X1	
M	YUMA MYOTIS	<i>MYOTIS YUMANENSIS</i>				X	
M	BERKELEY KANGAROO RAT	<i>DIPodomys heermanni BERKELEYENSIS</i>				X2	
M	SAN JOAQUIN POCKET MOUSE	<i>PEROGNATHUS INORNATUS</i>				X	
M	SAN PABLO CALIFORNIA VOLE	<i>MICROTUS CALIFORNICUS SANPABLOENSIS</i>				X	B

D-050178

Type	Common Name	Scientific Name	Status			Potential Effects on Species in the Bay Region			
			Federal	State	Other	May Be Affected	Not Likely to be Affected	Not Enough Information on the Species	Decision Criteria

Notes:

Type: A = Amphibian, B = Bird, F = Fish, I = Invertebrate, M =Mammal, P = Plant, R = Reptile

Federal Status:

- E = Listed as endangered under federal ESA
- T = Listed as threatened under federal ESA
- PE = Proposed for listing as endangered under ESA
- PT = Proposed for listing as threatened under ESA
- C = Candidate for listing under ESA
- PR = Protected under the Bald and Golden Eagle Protection Act

State Status:

- CE = Listed as endangered under CESA
- CT = Listed as threatened under CESA
- CCE = Candidate for listing as endangered under CESA
- CCT = Candidate for listing as threatened under CESA
- R = Listed as rare under California Native Plant Protection Act
- CSC = California species of special concern
- FP = Fully protected under California Fish and Game Code
- SB = Specified birds under California Fish and Game Code

Other Status:

- 1A = California Native Plant Society List 1A
- 1B = California Native Plant Society List 1B
- 2 = California Native Plant Society List 2
- 3 = California Native Plant Society List 3
- SC = other species of concern identified by CALFED

Decision Criteria:

- A = Included because CALFED actions could affect a substantial portion of the species range or important habitat
- B = Limited distribution or rarity of the species
- L = Federal or California listed endangered, threatened, rare, or fully protected species
- P = Potential to become federally or state listed

Not Likely to be Affected:

- X1 = CALFED actions do not affect the species because habitat is not limiting and the species is mobile
- X2 = Species occurs in areas that would not be affected by CALFED actions

Not Enough Information on the Species:

- X = Not enough information on the species' biology or distribution to make a determination on effects

May be Affected:

- X = CALFED actions may result in take of federal or California protected species, species are associated with habitat types or occur at specific locations that may be adversely or beneficially affected by CALFED depending on where CALFED actions would be implemented, or species that are rare or transient in the Bay Region and may be affected by CALFED depending on when or where CALFED actions would be implemented.

(R) = Species for which recovery is a CALFED objective.