

Exhibit B: Corrections and Updates to the HCP/NCCP, December 19, 2006

1.1 Introduction

This document lists corrections and updates recommended for the Final East Contra Costa County Habitat Conservation Plan (HCP)/Natural Community Conservation Plan (NCCP) after publication on October 10, 2006.

1.2 Errata

Changes to the document are indicated by ~~strikeout~~ for deletions and underlined text for additions.

1) Executive Summary, page ES-1, first paragraph is revised to include the Implementing Entity as one of the Permittees, as stated in Chapter 1:

The East Contra Costa County Habitat Conservation Plan/Natural Community Conservation Plan (HCP/NCCP or Plan) is intended to provide an effective framework to protect natural resources in eastern Contra Costa County, while improving and streamlining the environmental permitting process for impacts on endangered species. The Plan will allow Contra Costa County (County), the Contra Costa County Flood Control and Water Conservation District (County Flood Control District), the East Bay Regional Park District (EBRPD), ~~and~~ the Cities of Brentwood, Clayton, Oakley, and Pittsburg, and the Implementing Entity that will be established to implement the Plan (collectively, the Permittees) to control endangered species permitting for activities and projects in the region that they perform or approve.

2) Table 3-7 in Chapter 3 is updated to be consistent with the no take species list in Table 6-5. The updated table showing the changes is attached.

3) Conservation Strategy, Chapter 5, is updated to reflect the annexation of the Roddy Ranch area to the City of Antioch on November 8, 2006 following

publication of the HCP/NCCP. The update is to pages 5-46 and 5-47, beginning with the second full paragraph on page 5-46:

Development of up to 4,870 housing units has been proposed in the city of Antioch within the Sand Creek area (Mundie & Associates and City of Antioch 2002), which includes portions of Subzones 2g, 2h, and 2i. In November 2005, voters in the City of Antioch passed a measure to create an urban limit line south of their city limits and to adopt a development agreement that vests the right to develop up to 700 housing units and 40 acres of hotels and commercial uses in Horse Valley. ~~If a~~ Annexation of this area ~~is~~ ~~was~~ ~~ultimately~~ approved by the Local Area Formation Committee (LAFCO) on November 8, 2006, and thus the city limits would now extend to the northern edge of Subzone 2f, encompassing all of Subzone 2h and almost all of Subzone 2g (though large portions of Subzone 2h are not planned for development by the City of Antioch). The new Antioch urban limit line greatly reduces the feasibility of acquiring most of Subzone 2g and portions of Subzone 2h to establish a kit fox linkage through Horse and Lone Tree Valleys.

Conclusions. The movement habitat through Round Valley is likely already too long and narrow for normal dispersal movements. This route may lose its limited viability due to the proposed expansion of the Los Vaqueros Reservoir. The route through Briones Valley is viable through the southern part of the valley but has uncertain viability in the northern portion where oak woodland encroaches on the grassland corridor; accordingly, Briones Valley will be a secondary movement route for kit fox. The Deer Valley habitat linkage appears viable because it is outside the new Antioch ULL and largely separated from future urban development by the Roddy Ranch Golf Course (which will remain as a golf course due to a dedication of development rights).

The routes through Horse and Lone Tree Valleys are the widest and shortest movement routes and the only routes within this area currently large enough to likely and consistently support a breeding pair of kit foxes (i.e., they provide a substantial habitat linkage). However, the ~~probable~~ approved expansion of the Antioch city limits to the south combined with the vested development rights within Horse Valley makes their complete acquisition infeasible. Instead, conservation of narrower movement routes will be pursued through ~~the western and central~~ portions of Horse Valley through Subzone 2h (west of and through the Roddy Ranch Golf Course) in a manner consistent with the voter approved Roddy Ranch Development Agreement and any regulatory permits that may be secured for the development, to connect to larger proposed conservation areas in Lone Tree Valley.

Table 3-7. Evaluation of Special-Status Species in East Contra Costa County for Coverage in the ECCC HCP/NCCP

Species	Status ¹			Criteria ²			Recommended for Coverage	Notes
	State	Federal	Range	Status	Impact	Data		
Mammals								
Townsend's western big-eared bat <i>Corynorhinus townsendii townsendii</i>	CSC	–	Y	Y	Y	Y	Y	Western Bat Working Group High Priority species; high potential for listing
Berkeley kangaroo rat <i>Dipodomys heermanni berkeleyensis</i>	–	–	Y	N	Y	Y	N	CNDDDB occurrences recorded as extant; IUCN VU/B1+2c
Greater western mastiff bat <i>Eumops perotis</i>	CSC	–	Y	N	N	Y	N	Western Bat Working Group High Priority species
Small-footed myotis <i>Myotis ciliolabrum</i>	–	–	Y	N	Y	Y	N	Widely distributed; unlikely to be listed; buildings, bridges
Long-eared myotis <i>Myotis evotis</i>	–	–	Y	N	N	Y	N	Primarily coniferous forest species
Fringed myotis <i>Myotis thysanodes</i>	–	–	Y	N	N	Y	N	Western Bat Working Group High Priority species
Long-legged myotis <i>Myotis volans</i>	–	–	Y	N	N	Y	N	Western Bat Working Group High Priority species
Yuma myotis <i>Myotis yumanensis</i>	–	–	Y	N	N	Y	N	Widely distributed; unlikely to be listed; not CSC
San Francisco dusky-footed woodrat <i>Neotoma fuscipes annectens</i>	CSC	–	Y	Y	Y	Y	N	
Riparian woodrat <i>Neotoma fuscipes riparia</i>	–	FE	N	Y	N	U	N	No records for ECCC HCP/NCCP inventory area
San Joaquin pocket mouse <i>Perognathus inornatus inornatus</i>	–	–	Y	N	Y	Y	N	
Saltmarsh harvest mouse <i>Reithrodontomys raviventris</i>	SE/FP	FE	N	Y	N	Y	N	Delta marsh
Suisun ornate shrew <i>Sorex ornatus sinuosus</i>	CSC	–	N	Y	N	Y	N	Tidal marsh
Riparian brush rabbit <i>Sylvilagus bachmani riparius</i>	SE	FE	N	Y	N	Y	N	No records for ECCC HCP/NCCP inventory area
San Joaquin kit fox <i>Vulpes macrotus mutica</i>	ST	FE	Y	Y	Y	Y	Y	
Birds								
Tricolored blackbird (nesting colony) <i>Agelaius tricolor</i>	CSC-1	–	Y	Y	Y	Y	Y	
Grasshopper sparrow (nesting) <i>Ammodramus savannarum</i>	CSC-2	–	Y	N	Y	Y	N	

Species	Status ¹			Criteria ²			Recommended for Coverage	Notes
	State	Federal	Range	Status	Impact	Data		
Bell's sage sparrow (nesting) <i>Amphispiza belli belli</i>	CSC	–	Y	N	N	Y	N	Confirmed breeding within ECCC HCP/NCCP inventory area
Greater white-fronted goose (tule) <i>Anser albifrons elgasi</i>	CSC-2	–	Y	N	N	Y	N	
Golden eagle (nesting and wintering) <i>Aquila chrysaetos</i>	FP	BGPA	Y	Y	Y	Y	Y	<u>Fully Protected status prohibits take of individuals; see Table 6-5.</u>
Great blue heron (rookery) <i>Ardea herodias</i>	–	–	Y	N	Y	Y	N	Observed breeding within ECCC HCP/NCCP inventory area
Short-eared owl (nesting) <i>Asio flammeus</i>	CSC-2	–	Y	N	Y	Y	N	
Western burrowing owl <i>Athene cunicularia</i>	CSC-1	–	Y	Y	Y	Y	Y	
Redhead <i>Aythya americana</i>	CSC-2	–	Y	Y	N	Y	N	Covered activities not likely to impact
American bittern <i>Botaurus lentiginosus</i>	CSC-3	–	Y	N	Y	Y	N	Possible breeding rookeries in northeast section of ECCC HCP/NCCP inventory area
Bufflehead <i>Bucephala albeola</i>	CSC-3	–	Y	Y	N	Y	N	Covered activities not likely to impact
Ferruginous hawk (wintering) <i>Buteo regalis</i>	CSC	–	Y	N	Y	Y	N	
Swainson's hawk (nesting) <i>Buteo swainsoni</i>	ST	–	Y	Y	Y	Y	Y	
Costa's hummingbird <i>Calypte costae</i>	CSC	–	Y	N	Y	Y	N	
Lawrence's goldfinch (nesting) <i>Carduelis lawrencei</i>	–	–	Y	N	Y	Y	N	Confirmed breeding within ECCC HCP/NCCP inventory area
Swainson's thrush <i>Catharus ustulatus</i>	CSC-2	–	Y	Y	N	Y	N	Confirmed breeding within ECCC HCP/NCCP inventory area
Belted kingfisher <i>Ceryle alcyon</i>	CSC-3	–	Y	N	Y	Y	N	
Vaux's swift <i>Chaetura vauxi</i>	CSC-2	–	Y	N	Y	Y	N	
Mountain plover (wintering) <i>Charadrius montanus</i>	CSC	FPT	Y	Y	N	Y	N	
Northern harrier (nesting) <i>Circus cyaneus</i>	CSC-2	–	Y	N	Y	Y	N	
Black swift <i>Cypseloides niger</i>	–	–	N	N	N	Y	N	Covered activities not likely to impact

Species	Status ¹			Criteria ²			Recommended for Coverage	Notes
	State	Federal	Range	Status	Impact	Data		
White-tailed kite (nesting) <i>Elanus leucurus</i>	FP	–	Y	N	Y	Y	<u>No Take</u>	Likely to be de-listed from fully protected status when category revised; low potential for listing under state or federal ESA. <u>Fully Protected status prohibits take of individuals; see Table 6-5.</u>
Little willow flycatcher (nesting) <i>Empidonax trailii brewsteri</i>	SE	–	N	Y	N	Y	N	No records for ECCC HCP/NCCP inventory area
California horned lark <i>Eremophila alpestris</i>	CSC-3	–	Y	N	Y	Y	N	Confirmed breeding within ECCC HCP/NCCP inventory area
American peregrine falcon (nesting) <i>Falco peregrinus</i>	SE/FP	D	Y	Y	N	Y	<u>No Take</u>	Few records; covered activities not likely to directly impact. <u>Fully Protected status prohibits take of individuals; see Table 6-5.</u>
Saltmarsh common yellowthroat <i>Geothlypis trichas sinuosa</i>	CSC-2	–	N	Y	N	Y	N	Tidal marsh
Greater sandhill crane (nesting and wintering) <i>Grus canadensis tabida</i>	ST/FP	–	N	Y	Y	Y	N	No records for ECCC HCP/NCCP inventory area
Bald eagle (nesting and wintering) <i>Haliaeetus leucocephalus</i>	SE	FPD	Y	Y	N	Y	N	Few records; covered activities not likely to directly impact
Loggerhead shrike <i>Lanius ludovicianus</i>	–	–	Y	N	Y	Y	N	
California black rail <i>Laterallus jamaicensis coturniculus</i>	ST/FP	–	N	Y	N	Y	N	Delta tidelands
Lewis' woodpecker <i>Melanerpes lewis</i>	–	–	Y	N	Y	Y	N	
Suisun song sparrow <i>Melospiza melodia</i>	CSC-3	–	N	N	N	Y	N	Tidal marsh
Alameda song sparrow <i>Melospiza melodia pusillula</i>	CSC-1	–	N	N	N	Y	N	Tidal marsh
San Pablo song sparrow <i>Melospiza melodia samuelis</i>	CSC-2	–	N	Y	N	Y	N	Tidal marsh
Long-billed curlew (nesting) <i>Numenius americanus</i>	CSC	–	Y	N	Y	Y	N	
California brown pelican (nesting colony) <i>Pelecanus occidentalis californicus</i>	SE	–	N	Y	N	Y	N	No records for ECCC HCP/NCCP inventory area
Double-crested cormorant (rookery) <i>Phalacrocorax auritus</i>	CSC	–	N	N	N	Y	N	Observed breeding within ECCC HCP/NCCP inventory area
White-faced ibis (rookery site) <i>Plegadis chihi</i>	CSC	–	Y	N	N	Y	N	
Sora <i>Porzana carolina</i>	CSC-3	–	Y	N	N	Y	N	Tidal marsh

Species	Status ¹			Criteria ²			Recommended for Coverage	Notes
	State	Federal	Range	Status	Impact	Data		
California clapper rail <i>Rallus longirostris obsoletus</i>	SE/FP	FE	N	Y	N	Y	N	Delta tidelands
Bank swallow (nesting) <i>Riparia riparia</i>	ST	–	Y	Y	N	Y	N	Only rare migrants or post-breeding wanderers; no real suitable habitat
Rufous hummingbird <i>Selaphorus rufus</i>	–	–	Y	N	Y	Y	N	
Allen's hummingbird <i>Selasphorus sasin</i>	–	–	Y	N	Y	Y	N	
California least tern (nesting colony) <i>Sterna antillarum browni</i>	SE/FP	FE	N	Y	N	Y	N	Delta tidelands
Reptiles								
Silvery legless lizard <i>Anniella pulchra pulchra</i>	CSC	–	Y	Y	Y	Y	Y	One record near north border; suitable habitat within inventory area
Western pond turtle <i>Clemmys marmorata</i>	CSC	–	Y	Y	Y	Y	Y	
Alameda whipsnake <i>Masticophis lateralis euryxanthus</i>	ST	FT	Y	Y	Y	Y	Y	
California horned lizard <i>Phrynosoma coronatum frontale</i>	CSC	–	Y	N	Y	Y	N	
Giant garter snake <i>Thamnophis gigas</i>	ST	FT	Y	Y	Y	Y	Y	Records in delta, suitable habitat within ECCC HCP/NCCP inventory area
San Joaquin whipsnake <i>Masticophis flagellum ruddocki</i>	CSC	–	Y	N	Y	Y	N	
Amphibians								
California tiger salamander <i>Ambystoma californiense</i>	–	FT	Y	Y	Y	Y	Y	
California red-legged frog <i>Rana aurora draytonii</i>	–	FT	Y	Y	Y	Y	Y	
Foothill yellow-legged frog <i>Rana boylei</i>	CSC	–	Y	Y	Y	Y	Y	
Western spadefoot toad <i>Scaphiopus hammondii</i>	CSC	–	Y	N	Y	Y	N	
Fish								
Green sturgeon <i>Acipenser medirostris</i>	–	–	N	N	N	Y	N	Delta riverine
Sacramento perch (within native range) <i>Archoplites interruptus</i>	–	–	N	N	N	Y	N	Delta riverine

Species	Status ¹			Criteria ²			Recommended for Coverage	Notes
	State	Federal	Range	Status	Impact	Data		
Delta smelt <i>Hypomesus transpacificus</i>	ST	FT	N	Y	N	Y	N	Delta riverine and tidal areas
River lamprey <i>Lampetra ayresi</i>	–	–	N	N	N	Y	N	Delta riverine
Pacific lamprey <i>Lampetra tridentata</i>	–	–	N	N	N	Y	N	Delta riverine
Central valley steelhead <i>Oncorhynchus mykiss</i>	–	FT	N	Y	N	Y	N	No records or accessible habitat for ECCC HCP/NCCP inventory area. Anecdotal evidence of rainbow trout in upper Marsh Creek watershed; known from occurrences in sloughs and channels adjacent to inventory area.
Central valley spring-run chinook salmon <i>Oncorhynchus tshawytscha</i>	ST	FT	N	Y	N	Y	N	No records or accessible habitat for ECCC HCP/NCCP inventory area
Sacramento River winter-run chinook salmon <i>Oncorhynchus tshawytscha</i>	SE	FE	N	Y	N	Y	N	No records or accessible habitat for ECCC HCP/NCCP inventory area
Central valley fall/late fall-run chinook salmon <i>Oncorhynchus tshawytscha</i>	–	–	Y	N	N	Y	N	Recent observations of Chinook salmon during upstream migration in lower 3 miles of Marsh Creek between mouth at Big Break and the WWTP in Brentwood.
Sacramento splittail <i>Pogonichthys macrolepidotus</i>	–	FT	N	Y	N	Y	N	Delta riverine and tidal areas
Longfin smelt <i>Spirinichus thaleichthys</i>	–	–	N	N	N	Y	N	Delta riverine and tidal
Invertebrates								
Ciervo aegialian scarab beetle <i>Aegialia concinna</i>	–	–	N	N	N	Y	N	No records for ECCC HCP/NCCP inventory area
Antioch dunes anthicid beetle <i>Anthicus antiochensis</i>	–	–	N	N	N	Y	N	Antioch dunes
Sacramento anthicid beetle <i>Anthicus sacramento</i>	–	–	N	N	N	Y	N	No records for ECCC HCP/NCCP inventory area
Lange's metalmark butterfly <i>Apodemia mormo langei</i>	–	FE	N	Y	N	Y	N	No records for ECCC HCP/NCCP inventory area
Longhorn fairy shrimp <i>Branchinecta longiantenna</i>	–	FE	Y	Y	Y	Y	Y	
Vernal pool fairy shrimp <i>Branchinecta lynchi</i>	–	FT	Y	Y	Y	Y	Y	
Midvalley fairy shrimp <i>Branchinecta mesovalliensis</i>	–	–	Y	Y	Y	Y	Y	Likely to be listed when officially described
San Joaquin dune beetle <i>Coelus gracilis</i>	–	–	N	N	N	Y	N	No records for ECCC HCP/NCCP inventory area

Species	Status ¹			Criteria ²			Recommended for Coverage	Notes
	State	Federal	Range	Status	Impact	Data		
Valley elderberry longhorn beetle <i>Desmocerus californicus dimorphus</i>	–	FT	Y	Y	N?	Y	N	Species may occur at eastern fringe of inventory area; impacts would be limited. Existing mitigation programs are adequate to address species' and permitting needs without HCP coverage.
Antioch cophuran robberfly <i>Efferia antioch</i>	–	–	N	N	N	Y	N	Antioch dunes
Antioch efferian robberfly <i>Efferia antiochi</i>	–	–	N	N	N	Y	N	Antioch dunes
Delta green ground beetle <i>Elaphrus viridis</i>	–	FT	N	Y	N	Y	N	No records for ECCC HCP/NCCP inventory area
Bridges' Coast Range shoulderband snail <i>Helminthoglypta nickliniana bridgesi</i>	–	–	N	N	N	Y	N	No records for ECCC HCP/NCCP inventory area
Ricksecker's water scavenger beetle <i>Hydrochara rickseckeri</i>	–	–	N	N	N	Y	N	No records for ECCC HCP/NCCP inventory area
Curved-foot hygrotus diving beetle <i>Hygrotus curvipes</i>	–	–	N	Y	Y	Y	N	No records for ECCC HCP/NCCP inventory area
Middlekauf's shieldback katydid <i>Idiostatus middlekaufi</i>	–	–	N	N	N	Y	N	Antioch dunes
Vernal pool tadpole shrimp <i>Lepidurus packardi</i>	–	FE	Y	Y	Y	Y	Y	
California linderiella fairy shrimp <i>Linderiella occidentalis</i>	–	–	N	N	Y	Y	N	No records for ECCC HCP/NCCP inventory area
Molestan blister beetle <i>Lytta molesta</i>	–	–	Y	N	Y	Y	N	2 CNDDDB records
Hurd's metapogon robberfly <i>Metapogon hurdi</i>	–	–	N	N	N	Y	N	No records for ECCC HCP/NCCP inventory area
Antioch multillid wasp <i>Myrmosula pacifica</i>	–	–	N	N	N	Y	N	Antioch dunes
Yellow-banded andrenid bee <i>Perdita scituta antiochensis</i>	–	–	N	N	N	Y	N	No records for ECCC HCP/NCCP inventory area
Antioch andrenid bee <i>Perdita scituta antiochensis</i>	–	–	N	N	N	Y	N	Antioch dunes
Antioch sphecid wasp <i>Proceratium californicum</i>	–	–	N	N	N	Y	N	Antioch dunes
Callippe silverspot butterfly <i>Speyeria callippe callippe</i>	–	FE	N	Y	N	Y	N	No records for ECCC HCP/NCCP inventory area
California freshwater shrimp <i>Syncaris pacifica</i>	SE	FE	N	Y	N	Y	N	No records for ECCC HCP/NCCP inventory area

Species	Status ¹			Criteria ²			Recommended for Coverage	Notes
	State	Federal	Range	Status	Impact	Data		
Plants								
Large-flowered fiddleneck <i>Amsinckia grandiflora</i>	SE	FE	Y	Y	N	Y	<u>No Take</u>	All natural populations in CC Co. have been extirpated; <u>designated a no-take species; see Table 6-5.</u>
Mount Diablo manzanita <i>Arctostaphylos auriculata</i>	1B	–	Y	Y	Y	Y	Y	
Contra Costa County manzanita <i>Arctostaphylos manzanita</i> ssp. <i>laevigata</i>	1B	–	Y	Y	N	Y	N	All CC Co. occurrences in Mt. Diablo SP or EBRPD
Suisun Marsh aster <i>Aster lentus</i>	1B	–	N	Y	N	Y	N	Tidal marsh
Ferris' milkvetch <i>Astragalus tener</i> ssp. <i>ferrisiae</i>	1B	–	N	Y	N	Y	N	No records from CC Co.
Alkali milkvetch <i>Astragalus tener</i> ssp. <i>tener</i>	1B	–	Y	Y	N	N	<u>No Take</u>	Historic occurrence; insufficient data to determine whether plant still exists in HCP/NCCP inventory area; <u>designated a no-take species; see Table 6-5.</u>
Heartscale <i>Atriplex cordulata</i>	1B	–	N	Y	N	Y	N	Reported occurrences are misidentified; are actually crownscale
Brittlescale <i>Atriplex depressa</i>	1B	–	Y	Y	Y	Y	Y	
San Joaquin spearscale <i>Atriplex joaquiniana</i>	1B	–	Y	Y	Y	Y	Y	
Big tarplant <i>Blepharizonia plumosa</i>	1B	–	Y	Y	Y	Y	Y	
Mount Diablo fairy lantern <i>Calochortus pulchellus</i>	1B	–	Y	Y	Y	Y	Y	
Butte County morning-glory <i>Calystegia atriplicifolia</i> ssp. <i>buttensis</i>	1B	–	N	Y	N	N	N	Reported occurrence in CC Co. is probably misidentification
Bristly sedge <i>Carex comosa</i>	1B	–	N	Y	N	Y	N	Tidal marsh
Congdon's spikeweed <i>Centromadia parryi</i> ssp. <i>congdonii</i>	1B	–	N	Y	N	Y	N	No records from HCP/NCCP inventory area
Soft bird's-beak <i>Cordylanthus mollis mollis</i>	SR	FE	N	Y	N	Y	N	Tidal marsh
Mount Diablo bird's-beak <i>Cordylanthus nidularius</i>	SR	–	Y	Y	N	Y	N	Only known occurrence in Mt. Diablo SP
Hospital Canyon larkspur <i>Delphinium californicum</i> ssp. <i>interius</i>	1B	–	Y	Y	N	Y	N	All CC Co. occurrences in Mt. Diablo SP
Recurved larkspur <i>Delphinium recurvatum</i>	1B	–	Y	Y	Y	Y	Y	

Species	Status ¹			Criteria ²			Recommended for Coverage	Notes
	State	Federal	Range	Status	Impact	Data		
Dwarf downingia <i>Downingia pusilla</i>	1B	–	N	Y	N	Y	N	No records from CC Co.
Round-leaved filaree <i>Erodium macrophyllum</i>	2	–	Y	Y	Y	Y	Y	
Mount Diablo buckwheat <i>Eriogonum truncatum</i>	1B	–	Y	Y	N	N	<u>No Take</u>	Presumed to be extinct Rediscovered in the inventory area in 2005 in Mount Diablo State Park. Designated a no-take species; see Table 6-5. No information on historic occurrences in HCP/NCCP inventory area.
Delta button-celery <i>Eryngium racemosum</i>	SE	–	N	Y	Y	Y	N	Delta wetlands
Contra Costa wallflower <i>Erysimum capitatum angustatum</i>	SE	FE	Y	Y	N	N	N	Occurrences are in Antioch Dunes NWR
Diamond-petaled poppy <i>Eschscholzia rhombipetala</i>	1B	–	Y ?	Y	Y	Y	<u>No Take</u>	If species occurs in inventory, impacts would not be allowed under permit. Designated a no-take species instead ; see Table 5-46-5 .
Fragrant fritillary <i>Fritillaria liliacea</i>	1B	–	N	Y	N	Y	N	No records from HCP/NCCP inventory area
Diablo helianthella <i>Helianthella castanea</i>	1B	–	Y	Y	Y	Y	Y	
Brewer's dwarf flax <i>Hesperolinin breweri</i>	1B	–	Y	Y	Y	Y	Y	All known CC Co. occurrences in Mount Diablo SP, EBRPD, or CCWD lands, but may occur outside these areas
California hibiscus <i>Hibiscus lasiocarpus</i>	1B	–	N	Y	N	Y	N	Delta wetlands
Carquinez goldenbush <i>Isocoma arguta</i>	1B	–	N	Y	N	Y	N	No records from HCP/NCCP inventory area
Contra Costa goldfields <i>Lasthenia conjugens</i>	–	FE	Y	Y	N	N	<u>No Take</u>	All HCP/NCCP inventory area populations are extirpated. Designated a no-take species; see Table 6-5.
Delta tule pea <i>Lathyrus jepsonii</i> ssp. <i>jepsonii</i>	1B	–	N	Y	N	Y	N	Delta wetlands
Mason's lilaopsis <i>Lilaeopsis masonii</i>	1B	–	N	Y	N	Y	N	Delta wetlands
Delta mudwort <i>Limosella subulata</i>	1B	–	N	Y	N	Y	N	Delta wetlands
Showy madia <i>Madia radiata</i>	1B	–	Y	Y	N	N	Y	Historic occurrence; insufficient data to determine whether plant still exists in HCP/NCCP inventory area
Hall's bush mallow <i>Malacothamnus hallii</i>	1B	–	Y	Y	N	Y	N	All CC Co. occurrences in Mount Diablo SP
Robust monardella <i>Monardella villosa</i> ssp. <i>globosa</i>	1B	–	N	Y	N	Y	N	No records from HCP/NCCP inventory area

Species	Status ¹			Criteria ²			Recommended for Coverage	Notes
	State	Federal	Range	Status	Impact	Data		
Little mousetail <i>Myosurus minimus</i> ssp. <i>apus</i>	3	–	Y	Y	N	N	N	Reported to occur in HCP/NCCP inventory area, but insufficient info.
Adobe navarretia <i>Navarretia nigelliformis</i> ssp. <i>nigelliformis</i>	–	–	Y	Y	Y	Y	Y	
Colusa grass <i>Neostapfia colusana</i>	SE	FT	N	Y	N	Y	N	No records from CC Co.
Antioch dunes evening primrose <i>Oenothera deltooides howellii</i>	SE	FE	Y	Y	Y	Y	N	Populations planted or in Antioch Dunes NWR
Mount Diablo phacelia <i>Phacelia phacelioides</i>	1B	–	Y	Y	N	Y	N	All CC Co. occurrences in Mount Diablo SP
Bearded popcorn-flower <i>Plagiobothrys hystriculus</i>	1A	–	N	Y	N	Y	N	No record of sp. in CC Co.
Rock sanicle <i>Sanicula saxitilis</i>	SR	–	Y	Y	N	Y	N	All CC Co. occurrences in Mount Diablo SP
Marsh skullcap <i>Scutellaria galariculata</i>	2	–	N	Y	N	Y	N	Occurrences are in Delta
Blue skullcap <i>Scutellaria lateriflora</i>	2	–	N	Y	N	Y	N	Occurrences are in Delta
Rayless ragwort <i>Senecio aphanactis</i>	2	–	Y	N	Y	N	N	Historic occurrences; insufficient data to determine whether plant still exists in HCP/NCCP inventory area
Livermore tarplant <i>Deinandra bacigalupii</i>	1B	–	N	Y	N	Y	N	No records from CC Co.
Most-beautiful jewelflower <i>Streptanthus albidus</i> ssp. <i>peramoenus</i>	1B	–	Y	Y	N	Y	N	All CC Co. occurrences in Mount Diablo SP
Mount Diablo jewelflower <i>Streptanthus hispidus</i>	1B	–	Y	Y	N	Y	N	All CC Co. occurrences in Mount Diablo SP
Caper-fruited tropidocarpum <i>Tropidocarpum capparideum</i>	1A	–	Y	Y	N	N	<u>No Take</u>	Historic occurrences; insufficient data to determine whether plant still exists in HCP/NCCP inventory area. <u>Designated a no-take species; see Table 6-5.</u>

¹ State
 FP Fully Protected
 SE State listed as endangered
 ST State listed as threatened
 CSC California special concern species
 CSC-1 Bird species of special concern (BSSC); First priority
 CSC-2 Bird species of special concern; Second priority
 CSC-3 Bird species of special list concern; Third priority
 CSC (no number) Former CDFG California special concern species; replaced by BSSC list
 SR State rare (plants)
 Federal

FE	Federally endangered
FT	Federally threatened
FPT	Federally proposed for threatened listing
FPD	Federally proposed for delisting
FD	Federally delisted

California Native Plant Society Ranking

1A	Presumed extinct in California
1B	Rare or endangered in California and elsewhere
2	Rare or endangered in California, more common elsewhere

²See text for a description of each criteria category.