

LISTED SPECIES AND OTHER SPECIAL-STATUS ANIMAL AND PLANT SPECIES NOT INCLUDED IN THE HABITAT CONSERVATION PLAN (HCP)

In addition to the covered species in the HCP, observations of other special-status animal and plant species have been documented in the HCP area. Additionally, numerous other special-status animal and plant species have been documented within five miles of the HCP area and/or are included on the U.S. Fish and Wildlife Service (USFWS) Resource Report for the HCP area.

The following tables provide an explanation (i.e., omission rationale) for why California Department of Parks and Recreation (CDPR) has not included each species as a covered species. These or other species could be added to the HCP and Incidental Take Permit (ITP) via a formal amendment to the HCP if either 1) the species becomes listed under the federal Endangered Species Act (ESA) during the duration of the permit and requires incidental take authorization, or 2) the species is already listed, and it is determined that incidental take authorization is warranted due to new information about the potential for take.

ANIMAL SPECIES

Table 1: Special-status animals not included in the HCP			
Species	Listing Status ¹	Potential to Occur in the HCP Area	Omission Rationale
Invertebrates			
Vernal pool fairy shrimp (<i>Branchinecta lynchi</i>)	FT	None	<ul style="list-style-type: none"> No suitable habitat for this species is present within the HCP area. This species has not been documented in the HCP area or within 5 miles of the HCP area.
Monarch butterfly (<i>Danaus plexippus plexippus</i>)	Currently under USFWS review for listing under federal ESA	Observed	<ul style="list-style-type: none"> Suitable habitat for overwintering monarch butterflies is limited to the eucalyptus (<i>Eucalyptus</i> sp.)-Monterey cypress (<i>Cupressus macrocarpa</i>) grove in the HCP area. Covered activities in the Monarch Grove or in other areas containing potential roost sites will not directly impact monarch butterflies. Some activities are conducted within the Monarch Grove, but these activities are conducted outside the monarch wintering period and are intended to benefit the species by improving overwintering habitat.
Kern primrose sphinx moth (<i>Euproserpinus euterpe</i>)	FT	None	<ul style="list-style-type: none"> This species has not been documented in the HCP area or within 5 miles of the HCP area. In San Luis Obispo (SLO) County, this species is only known to occur within the Carrizo Plain.

Table 1: Special-status animals not included in the HCP			
Species	Listing Status¹	Potential to Occur in the HCP Area	Omission Rationale
Fish			
Steelhead (South-Central California Coast Distinct Population Segment [DPS]) (<i>Oncorhynchus mykiss irideus</i>)	FT	Observed	<ul style="list-style-type: none"> Letter from National Oceanic and Atmospheric Administration, National Marine Fisheries Service (NOAA Fisheries) to CDPR dated December 23, 2008, found that unauthorized steelhead take from covered activities was unlikely. Specific to Arroyo Grande Creek, NOAA Fisheries concluded vehicle crossings do not occur under conditions that could cause direct contact with steelhead or that diminish the value of the creek as steelhead habitat; therefore, an ITP was not recommended.
Arroyo chub (<i>Gila orcuttii</i>)	CSSC	None	<ul style="list-style-type: none"> Fish surveys have been conducted from 2004-2017, and this species has not been documented in the HCP area¹.
Reptiles/Amphibians			
California tiger salamander (<i>Ambystoma californiense</i>)	FT, ST	None	<ul style="list-style-type: none"> This species has not been documented in the HCP area or within 5 miles of the HCP area.
Coast range newt (<i>Taricha torosa</i>)	CSSC	Observed	<ul style="list-style-type: none"> Suitable habitat for this species is limited to aquatic habitat and areas near aquatic habitat in the HCP area. This species has only been rarely observed in the HCP area; therefore, the chance for take is remote. This species is listed by the IUCN as an LC species. It is also given a Global Ranking of G4. Both of these rankings indicate that this species is uncommon, but not rare; therefore, this species is not likely to be federally listed during the permit term.

¹ Arroyo chub have been extirpated from much of their native range, and the only occurrences within five miles of the HCP area were introduced into the Santa Maria River.

Table 1: Special-status animals not included in the HCP			
Species	Listing Status¹	Potential to Occur in the HCP Area	Omission Rationale
Western spadefoot (<i>Spea hammondi</i>)	CSSC	Observed	<ul style="list-style-type: none"> • This species has only been found at Oso Flaco Lake and within the vegetation islands in the HCP area; therefore, suitable habitat in the HCP area is limited. • This species has only been rarely observed in the HCP area and the chance for take is remote. • This species is listed by the IUCN as an LC species. It is also given a Global Ranking of G3. These rankings indicate that this species is vulnerable, but not imperiled; therefore, this species is not likely to be federally listed during the permit term.
Western pond turtle (<i>Emys marmorata</i>)	CSSC	Observed	<ul style="list-style-type: none"> • Suitable habitat for this species is limited to aquatic habitat (e.g., Oso Flaco Lake, Oceano Lagoon, and Arroyo Grande Creek) in the HCP area. • This species is given a Global Ranking of G3. This ranking indicates that this species is vulnerable, but not imperiled; therefore, this species is not likely to be federally listed during the permit term.
Blunt-nosed leopard lizard (<i>Gambelia sila</i>)	FE, SE, SFP	None	<ul style="list-style-type: none"> • This species has not been documented in the HCP area or within 5 miles of the HCP area. • In SLO County, this species is only known to occur within the Carrizo Plain.
California horned lizard (<i>Phrynosoma blainvilli</i>)	CSSC	Observed	<ul style="list-style-type: none"> • This species is listed by the IUCN as an LC species. It is also given a Global Ranking of G3G4. Both of these rankings indicate that this species is uncommon, but not rare; therefore, this species is not likely to be federally listed during the permit term.
California/Silvery legless lizard (<i>Anniella pulchra</i>)	CSSC	Observed	<ul style="list-style-type: none"> • This species is listed by the International Union for Conservation of Nature (IUCN) as a Least Concern (LC) species. It is also given a Global Ranking of G3G4. Both of these rankings indicate that this species is uncommon, but not rare; therefore, this species is not likely to be federally listed during the permit term.

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Species	Listing Status¹	Potential to Occur in the HCP Area	Omission Rationale
Two-striped gartersnake (<i>Thamnophis hammondi</i>)	CSSC	Observed	<ul style="list-style-type: none"> • Suitable habitat for this species is limited to aquatic habitat in the HCP area. • This species has only been rarely observed in the HCP area and the chance for take is remote. • This species is listed by the IUCN as an LC species. It is also given a Global Ranking of G4. Both of these rankings indicate that this species is uncommon, but not rare; therefore, this species is not likely to be federally listed during the permit term.
Birds			
<i>Ducks, Geese, and Swans</i>			
Redhead (<i>Aythya americana</i>)	CSSC (nesting)	Observed	<ul style="list-style-type: none"> • The HCP area is outside the known breeding range for this species and this species is only known as a migrant and wintering bird in estuarine and lake habitats in the HCP area.
Black brant (<i>Branta bernicla</i>)	CSSC (wintering and staging)	Observed	<ul style="list-style-type: none"> • The HCP area is outside the known breeding range for this species. • This species relies on intertidal eelgrass beds within marine waters during the non-breeding season; therefore, it is unlikely to be affected by covered activities. • This species is listed by the IUCN as an LC species. It is also given a Global Ranking of G5. These rankings indicate that this species is widespread; therefore, this species is not likely to be federally listed during the permit term.
<i>Loons</i>			
Common loon (<i>Gavia immer</i>)	CSSC (nesting)	Observed	<ul style="list-style-type: none"> • The HCP area is outside the known breeding range for this species and this species is only known as a migrant and wintering bird in estuarine, subtidal, and lake habitats in the HCP area.
<i>Pelicans</i>			

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Species	Listing Status¹	Potential to Occur in the HCP Area	Omission Rationale
American white pelican (<i>Pelecanus erythrorhynchos</i>)	CSSC (nesting colony)	Observed	<ul style="list-style-type: none"> The HCP area is outside the known breeding range for this species and this species is only known as a summer non-breeder, migrant, or wintering bird in estuarine, shallow marine, and lake habitats in the HCP area.
California brown pelican (<i>Pelecanus occidentalis californicus</i>)	SFP (nesting colony and communal roosts)	Observed	<ul style="list-style-type: none"> The HCP area is outside the known breeding range for this species and this species is only known as a migrant and wintering bird in estuarine, subtidal, and marine habitats in the HCP area. This species is not likely to be listed under the federal ESA because the population has successfully recovered and was removed from the list in 2009. This species is not known to communally roost in areas where covered activities could affect the species.
<i>Herons, Egrets, Bitterns</i>			
Least bittern (<i>Ixobrychus exilis</i>)	CSSC (nesting)	Observed	<ul style="list-style-type: none"> This species is an uncommon breeder in the HCP area. This species is limited to breeding in suitable aquatic habitat (e.g., Oso Flaco Lake) in the HCP area. This species is listed by the IUCN as an LC species. It is also given a Global Ranking of G5. These rankings indicate that this species is widespread; therefore, this species is not likely to be federally listed during the permit term.
<i>Storks</i>			
Wood stork (<i>Mycteria americana</i>)	CSSC	Observed	<ul style="list-style-type: none"> The HCP area is outside the known breeding range for this species. This species has only been observed one time in the HCP area in 2011 near Oso Flaco Lake.

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Species	Listing Status¹	Potential to Occur in the HCP Area	Omission Rationale
<i>New World Vultures</i>			
California condor (<i>Gymnogyps californianus</i>)	FE, SE, SFP	Low	<ul style="list-style-type: none"> • The HCP area is outside the known breeding range for this species. • This species has not been documented in CNDDDB within 5 miles of the HCP area. • This species was recorded on eBird as being observed in 2014 outside the HCP area nearby Pismo Beach; however, this species is likely only a rare migrant through the area.
<i>Hawks, Kites, Harriers, Eagles</i>			
Golden eagle (<i>Aquila chrysaetos</i>)	SFP	Observed	<ul style="list-style-type: none"> • This species is not known to nest in the HCP area and is only known as a rare migrant in the area.
Swainson’s hawk (<i>Buteo swainsoni</i>)	ST	Low	<ul style="list-style-type: none"> • The HCP area is outside the current known range for this species. • This species has not been observed in the HCP area, and the only CNDDDB occurrence within 5 miles of the HCP area is believed to be extirpated. • This species was recorded on eBird as being observed only one time in the HCP area in 2010 at Oceano Campground and is likely only a very rare migrant through the HCP area. • This species is listed by the IUCN as an LC species. It is also given a Global Ranking of G5. These rankings indicate that this species is widespread; therefore, this species is not likely to be federally listed during the permit term.

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Species	Listing Status¹	Potential to Occur in the HCP Area	Omission Rationale
Northern harrier (<i>Circus cyaneus</i>)	CSSC (nesting)	Observed	<ul style="list-style-type: none"> This species has been observed to be a rare breeder in the HCP area. Suitable nesting habitat for this species is limited in the HCP area. This species is listed by the IUCN as an LC species. It is also given a Global Ranking of G5. These rankings indicate that this species is widespread; therefore, this species is not likely to be federally listed during the permit term.
White-tailed kite (<i>Elanus leucurus</i>)	SFP (nesting)	Observed	<ul style="list-style-type: none"> A nest for this species has never been documented in the HCP area; therefore, it is likely only a rare breeder in the area. This species is listed by the IUCN as an LC species. It is also given a Global Ranking of G5. These rankings indicate that this species is widespread; therefore, this species is not likely to be federally listed during the permit term.
<i>Falcons</i>			
American peregrine falcon (<i>Falco peregrinus anatum</i>)	SFP (nesting)	Observed	<ul style="list-style-type: none"> This species is not likely to be listed under the federal ESA because the population has recovered, and it was removed from the list in 1999. This species is known to nest approximately 20 miles away on the bluffs of Shell Beach, but is not known to nest in the HCP area.
<i>Rails, Coots, Gallinules</i>			
California black rail (<i>Laterallus jamaicensis coturniculus</i>)	ST, SFP	Observed ²	<ul style="list-style-type: none"> This species is limited to suitable aquatic habitat (e.g., Oso Flaco Lake) in the HCP area. This species has not occurred in the HCP area since 1991.
Ridgway's rail (<i>Rallus obsoletus obsoletus</i>)	FE, SE, SFP	None	<ul style="list-style-type: none"> The HCP area is outside the known range for this species.

² Last observed in 1991 at Oso Flaco Lake and this occurrence was never visually confirmed.

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Species	Listing Status¹	Potential to Occur in the HCP Area	Omission Rationale
<i>Sandpipers and Relatives</i>			
Black tern (<i>Chlidonias niger</i>)	CSSC (nesting colony)	Observed	<ul style="list-style-type: none"> The HCP area is outside the known breeding range for this species and this species is likely a rare non-breeding summer resident or migrant in aquatic habitats (e.g., Oso Flaco Lake and Oceano Lagoon) in the HCP area.
Black skimmer (<i>Rynchops niger</i>)	CSSC (nesting colony)	Observed	<ul style="list-style-type: none"> The HCP area is outside the known breeding range for this species and this species is likely only a rare spring or fall migrant in the HCP area.
<i>Auklets, Puffins, and Relatives</i>			
Marbled murrelet (<i>Brachyramphus marmoratus</i>)	FT, SE	Observed	<ul style="list-style-type: none"> The HCP area is outside the known breeding range for this species. This species forages offshore; therefore, it is unlikely to be impacted by covered activities.
<i>Cuckoos and Relatives</i>			
Western yellow-billed cuckoo (<i>Coccyzus americanus occidentalis</i>)	FT ³ , SE	Observed ⁴	<ul style="list-style-type: none"> The HCP area is outside the current known breeding⁵ and wintering range for this species. Any observations are likely rare migrants; therefore, this species is not likely to be affected by covered activities. This species has only rarely been observed in the HCP area at Oso Flaco Lake and Oceano Campground.

³ Federal listing is for the Western DPS of *Coccyzus americanus*.

⁴ Last observed in 1999 in the Oso Flaco Lake area.

⁵ CNDDDB documents a yellow-billed cuckoo nest in 1932 at Pismo Beach; however, this occurrence is extirpated. The eBird checklist for the HCP area documents a yellow-billed cuckoo at Oso Flaco Lake in 1999 that was later banded at a MAPS station and another yellow-billed cuckoo was documented at Oceano Campground in 2010. No other yellow-billed cuckoos have been documented in the HCP area and the current known breeding range does not include the HCP area.

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<i>Owls</i>			
Burrowing owl (<i>Athene cunicularia</i>)	CSSC	Observed	<ul style="list-style-type: none"> This species is not known to breed in the HCP area. This species is known to be an infrequent winter visitor within the HCP area. This species is listed by the IUCN as an LC species. It is also given a Global Ranking of G4. Both of these rankings indicate that this species is uncommon, but not rare; therefore, this species is not likely to be federally listed during the permit term.
<i>Swifts</i>			
Vaux's swift (<i>Chaetura vauxi</i>)	CSSC (nesting)	Observed	<ul style="list-style-type: none"> The HCP area is just south of the known breeding range for this species, and no suitable breeding habitat is present in the HCP area. This species likely only occurs as a rare migrant in the HCP area.
Black swift (<i>Cypseloides niger</i>)	CSSC (nesting)	Observed	<ul style="list-style-type: none"> The HCP area is outside the known breeding range for this species and this species is likely a rare migrant in the HCP area.
<i>Tyrant Flycatchers</i>			
Olive-sided flycatcher (<i>Contopus cooperi</i>)	CSSC (nesting)	Observed	<ul style="list-style-type: none"> This species is an uncommon breeder in SLO County. Only marginal breeding habitat for this species is present in the HCP area. This species has only been observed in the HCP area at Oso Flaco Lake, Meadow Creek, and Oceano Campground.
Willow flycatcher (<i>Empidonax traillii</i>)	SE ⁶	Observed ⁵	<ul style="list-style-type: none"> The HCP area is outside the known breeding and wintering sites for this species. Any observations are likely migrants; therefore, this species is not likely to be affected by covered activities.

⁶ The subspecies observed was not recorded; however, based on the known range of the willow flycatcher subspecies, it was most likely little willow flycatcher (*Empidonax traillii brewsteri*), which is state-listed only.

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Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>)	FE, SE	None	<ul style="list-style-type: none"> The HCP area is outside the known range for this species.
<i>Shrikes</i>			
Loggerhead shrike (<i>Lanius ludovicianus</i>)	CSSC (nesting)	Observed	<ul style="list-style-type: none"> This species is listed by the IUCN as an LC species. It is also given a Global Ranking of G4. Both of these rankings indicate that this species is uncommon, but not rare; therefore, this species is not likely to be federally listed during the permit term.
<i>Vireos</i>			
Least Bell's vireo (<i>Vireo bellii pusillus</i>)	FE, SE	None	<ul style="list-style-type: none"> The HCP area is outside the known range for this species.
<i>Swallows</i>			
Bank swallow (<i>Riparia riparia</i>)	ST	Observed	<ul style="list-style-type: none"> The HCP area is outside the known breeding and wintering range for this species. Any observations are likely migrants; therefore, this species is not likely to be affected by covered activities.
<i>Wood Warblers</i>			
Yellow-breasted chat (<i>Icteria virens</i>)	CSSC (nesting)	Observed	<ul style="list-style-type: none"> This species' breeding range has been documented as being restricted to Arroyo Grande Creek above Lopez Lake; however, this species could be a rare breeder in the HCP area based on a few rare records of this species singing in the HCP area during the breeding season. Suitable nesting habitat within the HCP area is limited to riparian habitat and this species has only been observed at Oso Flaco Lake and Oceano Lagoon within the HCP area. This species is listed by the IUCN as an LC species. It is also given a Global Ranking of G5. These rankings indicate that this species is widespread; therefore, this species is not likely to be federally listed during the permit term.
Lucy's warbler (<i>Oreothlypis luciae</i>)	CSSC (nesting)	Observed	<ul style="list-style-type: none"> The HCP area is outside the known breeding range for this species and this species is likely a rare migrant through the HCP area.

Table 1: Special-status animals not included in the HCP			
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Yellow warbler (<i>Setophaga petechia</i>)	CSSC (nesting)	Observed	<ul style="list-style-type: none"> This species is limited to breeding in riparian habitat in the HCP area. This species is listed by the IUCN as an LC species. It is also given a Global Ranking of G5. These rankings indicate that this species is widespread; therefore, this species is not likely to be federally listed during the permit term.
<i>Sparrows, Buntings, Warblers, & Relatives</i>			
Summer tanager (<i>Piranga rubra</i>)	CSSC (nesting)	Observed	<ul style="list-style-type: none"> The HCP area is outside the known breeding range for this species and this species is likely a rare migrant in the HCP area⁷.
<i>Blackbirds</i>			
Tricolored blackbird (<i>Agelaius tricolor</i>)	ST	Observed	<ul style="list-style-type: none"> This species is not known to nest in the HCP area. This species has only infrequently been observed flying over and foraging at Oso Flaco Lake and Arroyo Grande Creek in the HCP area.
Yellow-headed blackbird (<i>Xanthocephalus xanthocephalus</i>)	CSSC (nesting)	Observed	<ul style="list-style-type: none"> The HCP area is outside the known breeding range for this species and this species is likely a migrant in the HCP area.
Mammals			
Pallid bat (<i>Antrozous pallidus</i>)	CSSC	Observed	<ul style="list-style-type: none"> This species is listed by the IUCN as an LC species. It is also given a Global Ranking of G5. These rankings indicate that this species is widespread; therefore, this species is not likely to be federally listed during the permit term.
Townsend’s big-eared bat (<i>Corynorhinus townsendii</i>)	CSSC	Observed	<ul style="list-style-type: none"> This species is listed by the IUCN as an LC species. It is also given a Global Ranking of G3G4. Both of these rankings indicate that this species is uncommon, but not rare; therefore, this species is not likely to be federally listed during the permit term.

⁷ A male summer tanager was documented as singing in the HCP area in June 2012; however, no female or nest was ever found.

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Species	Listing Status¹	Potential to Occur in the HCP Area	Omission Rationale																				
Western red bat (<i>Lasiurus blossevillii</i>)	CSSC	Observed	<ul style="list-style-type: none"> This species is listed by the IUCN as an LC species. It is also given a Global Ranking of G5. These rankings indicate that this species is widespread; therefore, this species is not likely to be federally listed during the permit term. 																				
Giant kangaroo rat (<i>Dipodomys ingens</i>)	FE, SE	None	<ul style="list-style-type: none"> The HCP area is outside this species' known range. 																				
Southern sea otter (<i>Enhydra lutris nereis</i>)	FT, SFP	Low	<ul style="list-style-type: none"> This species occurs offshore of the HCP area; therefore, covered activities are unlikely to occur in areas that would affect this species. 																				
American badger (<i>Taxidea taxus</i>)	CSSC	Observed	<ul style="list-style-type: none"> This species is listed by the IUCN as an LC species. It is also given a Global Ranking of G5. These rankings indicate that this species is widespread; therefore, this species is not likely to be federally listed during the permit term. 																				
¹ Listing Status Designations: <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">FE</td> <td style="width: 45%;">Federally endangered</td> <td style="width: 25%;">SE</td> <td style="width: 45%;">State endangered</td> </tr> <tr> <td>FT</td> <td>Federally threatened</td> <td>ST</td> <td>State threatened</td> </tr> <tr> <td>FC</td> <td>Federal candidate</td> <td>SC</td> <td>State candidate</td> </tr> <tr> <td></td> <td></td> <td>CSSC</td> <td>California species of special concern</td> </tr> <tr> <td></td> <td></td> <td>SFP</td> <td>State fully protected</td> </tr> </table>				FE	Federally endangered	SE	State endangered	FT	Federally threatened	ST	State threatened	FC	Federal candidate	SC	State candidate			CSSC	California species of special concern			SFP	State fully protected
FE	Federally endangered	SE	State endangered																				
FT	Federally threatened	ST	State threatened																				
FC	Federal candidate	SC	State candidate																				
		CSSC	California species of special concern																				
		SFP	State fully protected																				

PLANT SPECIES

Table 2: Special-status plants not included in the HCP			
Species	Listing Status ¹	Potential to Occur in HCP Area	Omission Rationale
Red sand verbena (<i>Abronia maritima</i>)	CRPR 4	Observed	<ul style="list-style-type: none"> This species is given a Global Ranking of G4. This ranking indicates that this species is uncommon, but not rare; therefore, this species is not likely to be federally listed during the permit term.
Hoover’s bent grass (<i>Agrostis hooveri</i>)	CRPR 1B	Low	<ul style="list-style-type: none"> This species is not known to occur in the HCP area, and limited suitable habitat is present in the HCP area.
Morro manzanita (<i>Arctostaphylos morroensis</i>)	FT	None	<ul style="list-style-type: none"> Known only from Morro Bay; therefore, the HCP area is outside this species’ known range.
Santa Margarita manzanita (<i>Arctostaphylos pilosula</i>)	CRPR 1B	Low	<ul style="list-style-type: none"> This species is not known to occur in the HCP area, and limited suitable habitat is present in the HCP area.
Sand mesa manzanita (<i>Arctostaphylos rudis</i>)	CRPR 1B	Observed	<ul style="list-style-type: none"> Only a single individual has been documented in the Phillips 66 Leasehold area; therefore, this species has limited distribution in the HCP area and is unlikely to be affected by covered activities.
Nuttall’s milkvetch (<i>Astragalus nuttallii</i> var. <i>nuttallii</i>)	CRPR 4	Observed	<ul style="list-style-type: none"> This species is given a Global Ranking of G4. This ranking indicates that this species is uncommon, but not rare; therefore, this species is not likely to be federally listed during the permit term.
Davidson’s saltscale (<i>Atriplex serenana</i> var. <i>davidsonii</i>)	CRPR 1B	Low	<ul style="list-style-type: none"> This species is not known to occur in the HCP area, and limited suitable habitat is present in the HCP area. Only one occurrence of this species has been documented within 5 miles of the HCP area, and that record is from 1965.
Monterey Coast paintbrush (<i>Castilleja latifolia</i>)	CRPR 4	Observed	<ul style="list-style-type: none"> This species is given a Global Ranking of G4. This ranking indicates that this species is uncommon, but not rare; therefore, this species is not likely to be federally listed during the permit term.
California jewelflower (<i>Caulanthus californicus</i>)	FE, SE, CRPR 1B	None	<ul style="list-style-type: none"> Known only from a few areas in the hilly terrain west of the San Joaquin Valley; therefore, the HCP area is outside this species’ known range.
Coastal goosefoot (<i>Chenopodium littoreum</i>)	CRPR 1B	Observed	<ul style="list-style-type: none"> This species was last documented in the Oso Flaco Lake region in 1950. This species has only recently been observed at Phillips 66 Leasehold; therefore, it has a limited distribution in the HCP area and is unlikely to be affected by covered activities.

Table 2: Special-status plants not included in the HCP			
Species	Listing Status ¹	Potential to Occur in HCP Area	Omission Rationale
Brewer’s spineflower (<i>Chorizanthe breweri</i>)	CRPR 1B	Low	<ul style="list-style-type: none"> This limited suitable habitat for this species is present in the HCP area and it has only been observed in the Phillips 66 Leasehold and by Surprise Lake in the very southern portion of the HCP area. Only one occurrence of this species has been documented within 5 miles of the HCP area, and that record is from 1977.
Douglas’ spineflower (<i>Chorizanthe douglasii</i>)	CRPR 4	Observed	<ul style="list-style-type: none"> This species has only been observed in the HCP area at the Pavilion Hill vegetation island, Phillips 66 Leasehold, and by Surprise Lake in the very southern portion of the HCP area; therefore, this species has limited distribution in the HCP area and is unlikely to be affected by covered activities. This species is given a Global Ranking of G4. This ranking indicates that this species is uncommon, but not rare; therefore, this species is not likely to be federally listed during the permit term.
San Luis Obispo mariposa lily (<i>Calochortus obispoensis</i>)	CRPR 1B	Low	<ul style="list-style-type: none"> This species is not known to occur in the HCP area, and limited suitable habitat is present in the HCP area.
San Luis Obispo owl’s clover (<i>Castilleja densiflora</i> var. <i>obispoensis</i>)	CRPR 1B	Low	<ul style="list-style-type: none"> This species is not known to occur in the HCP area, and limited suitable habitat is present in the HCP area.
Straight-awned spineflower (<i>Chorizanthe rectispina</i>)	CRPR 1B	Low	<ul style="list-style-type: none"> This species is not known to occur in the HCP area, and limited suitable habitat is present in the HCP area.
California saw-grass (<i>Cladium californicum</i>)	CRPR 2	Observed ⁸	<ul style="list-style-type: none"> This species has not been observed near the HCP area since 1990. Limited suitable habitat for this species is present in the HCP area (i.e., Oso Flaco Lake), and it has not been documented in this habitat to date.
Pismo clarkia (<i>Clarkia speciosa</i> ssp. <i>immaculata</i>)	FE, CRPR 1B	None	<ul style="list-style-type: none"> This species is not known to occur in the HCP area, and limited suitable habitat for this species is present in the HCP area.
Salt marsh bird’s-beak (<i>Chloropyron maritimum</i> ssp. <i>maritimum</i>)	FE, SE, CRPR 1B	None	<ul style="list-style-type: none"> The HCP area is outside the known range for this species.

⁸ California saw-grass has not been found in the HCP area in recent years; however, it was documented in CNDDDB as occurring somewhere near Oso Flaco Lake in 1990.

Table 2: Special-status plants not included in the HCP			
Species	Listing Status ¹	Potential to Occur in HCP Area	Omission Rationale
Monterey cypress (<i>Hesperocyparis macrocarpa</i>)	CRPR 1B ⁹	Observed	<ul style="list-style-type: none"> This species is not native in the HCP area.
Paniculate tarplant (<i>Deinandra paniculata</i>)	CRPR 4	Observed	<ul style="list-style-type: none"> This species has only been documented in the Phillips 66 Leasehold area; therefore, this species has limited distribution in the HCP area and is unlikely to be affected by covered activities. This species is given a Global Ranking of G4. This ranking indicates that this species is uncommon, but not rare; therefore, this species is not likely to be federally listed during the permit term.
Dune larkspur (<i>Delphinium parryi</i> spp. <i>blochmaniae</i>)	CRPR 1B	Observed	<ul style="list-style-type: none"> Targeted surveys have been conducted for this species, and it has only been found in the Phillips 66 Leasehold, Coreopsis Hill, and South Oso Flaco; therefore, it has a limited distribution in the HCP area. This species is given a Global Ranking of G4T2. This ranking indicates that this species is secure considering populations outside California; therefore, this species is not likely to be federally listed during the permit term.
Umbrella larkspur (<i>Delphinium umbracolorum</i>)	CRPR 1B	Low	<ul style="list-style-type: none"> This species is not known to occur in the HCP area, and limited suitable habitat for this species is present in the HCP area.
Blochman’s leafy daisy (<i>Erigeron blochmaniae</i>)	CRPR 1B	Observed	<ul style="list-style-type: none"> This species was included in the 1985 USFWS “Review of Plant Taxa for Listing as Endangered or Threatened Species” and was placed in category 3C during this review. Category 3C includes taxa that have proven to be more abundant or widespread than was previously believed and/or those that are not subject to any identifiable threat. This species was not included in the subsequent USFWS review of plant taxa (e.g., 1990 and 1993). As a result, this species is not likely to be federally listed during the permit term.
Indian knob mountain balm (<i>Eriodictyon altissimum</i>)	FE, SE, CRPR 1B	None	<ul style="list-style-type: none"> Known only from the Irish Hills (between Morro Bay and Indian Knob) in San Luis Obispo County; therefore, the HCP area is outside this species’ known range.
Suffrutescent wallflower (<i>Erysimum suffrutescens</i>)	CRPR 4	Observed	<ul style="list-style-type: none"> This species is given a Global Ranking of G3. This ranking indicates that this species is vulnerable, but not imperiled; therefore, this species is not likely to be federally listed during the permit term.

⁹ Only considered a special-status plant where they naturally occur.

Table 2: Special-status plants not included in the HCP			
Species	Listing Status ¹	Potential to Occur in HCP Area	Omission Rationale
Mesa horkelia (<i>Horkelia cuneata</i> var. <i>puberula</i>)	CRPR 1B	Observed ¹⁰	<ul style="list-style-type: none"> This species was last documented north of Oso Flaco Lake in 1973. Recently this species has only been observed in the HCP area by Surprise Lake in the very southern portion of the HCP area; therefore, this species has limited distribution in the HCP area and is unlikely to be affected by covered activities. This species is given a Global Ranking of G4. This ranking indicates that this species is uncommon, but not rare; therefore, this species is not likely to be federally listed during the permit term.
Kellogg’s horkelia (<i>Horkelia cuneata</i> spp. <i>sericea</i>)	CRPR 1B	Observed	<ul style="list-style-type: none"> This species has only been documented in the Pismo Dunes Natural Preserve and Phillips 66 Leasehold area and in the very southern portion of the HCP area; therefore, this species has limited distribution in the HCP area and is unlikely to be affected by covered activities. This species is given a Global Ranking of G4. This ranking indicates that this species is uncommon, but not rare; therefore, this species is not likely to be federally listed during the permit term.
Southwestern spiny rush (<i>Juncus acutus</i> ssp. <i>leopoldii</i>)	CRPR 4	Observed	<ul style="list-style-type: none"> This species has only been documented in the Pismo Dunes Natural Preserve and vegetation islands; therefore, it has a limited distribution in the HCP area and is unlikely to be affected by covered activities. This species is given a Global Ranking of G5. This ranking indicates that this species is widespread; therefore, this species is not likely to be federally listed during the permit term.
Fuzzy prickly phlox (<i>Linanthus californicus</i> ssp. <i>tomentosus</i>)	CRPR 4	Observed	<ul style="list-style-type: none"> This species has only been documented in the Pismo Dunes Natural Preserve, South Oso Flaco, the Phillips 66 Leasehold, and in the very southern portion of the HCP area; therefore, it is unlikely to be affected by covered activities. This species is given a Global Ranking of G5. This ranking indicates that this species is widespread; therefore, this species is not likely to be federally listed during the permit term.
San Luis Obispo County lupine (<i>Lupinus ludovicianus</i>)	CRPR 1B	Low	<ul style="list-style-type: none"> This species is not known to occur in the HCP area, and limited suitable habitat for this species is present in the HCP area.

¹⁰ Last observed in 1973 north of Oso Flaco Lake.

Table 2: Special-status plants not included in the HCP			
Species	Listing Status ¹	Potential to Occur in HCP Area	Omission Rationale
Dunedelion (<i>Malacothrix incana</i>)	CRPR 4	Observed	<ul style="list-style-type: none"> This species is given a Global Ranking of G4. This ranking indicates that this species is uncommon, but not rare; therefore, this species is not likely to be federally listed during the permit term.
Southern curly-leaved monardella (<i>Monardella sinuata</i> ssp. <i>sinuata</i>)	CRPR 1B	Low	<ul style="list-style-type: none"> This species is not known to occur in the HCP area, and limited suitable habitat for this species is present in the HCP area.
Crisp monardella (<i>Monardella undulata</i> ssp. <i>crispa</i>)	CRPR 1B	Observed	<ul style="list-style-type: none"> This species is widespread in the HCP area and is given a Global Ranking of G3T2. The T2 ranking indicates that the subspecies is imperiled or threatened. In addition, it was given a rank of 2 in the USFWS 1993 review of plant taxa for listing as endangered or threatened species, which means the USFWS determined that proposing to list the species as endangered or threatened may be appropriate, but more information and/or surveys are needed to obtain sufficient information to list the species. Therefore, the USFWS may determine that listing is warranted during the permit term. It is not included as a covered species, however, because it is currently unlisted and will continue to be monitored over the permit term. Should it be listed, CDPR will evaluate effects of the covered activities and consult with USFWS on the need to add the species to the HCP via an amendment.
San Luis Obispo monardella (<i>Monardella undulata</i> ssp. <i>undulata</i>)	CRPR 1B	Observed	<ul style="list-style-type: none"> This species is fairly widespread in the HCP area and is given a Global Ranking of G2. The G2 ranking indicates that the species is imperiled and at high risk of extinction due to a very restricted range, very few populations, steep declines, or other factors. Furthermore, it was given a rank of 2 in the USFWS 1993 review of plant taxa for listing as endangered or threatened species, which means the USFWS determined that proposing to list the species as endangered or threatened may be appropriate, but more information and/or surveys are needed to obtain sufficient information to list the species. Therefore, the USFWS may determine that listing is warranted during the permit term. It is not included as a covered species, however, because it is currently unlisted and will continue to be monitored over the permit term. Should it be listed, CDPR will evaluate effects of the covered activities and consult with USFWS on the need to add the species to the HCP via an amendment.

Table 2: Special-status plants not included in the HCP			
Species	Listing Status ¹	Potential to Occur in HCP Area	Omission Rationale
California spineflower (<i>Mucronea californica</i>)	CRPR 4	Observed	<ul style="list-style-type: none"> This species has only been documented in the Pismo Dunes Natural Preserve, South Oso Flaco, and the Phillips 66 Leasehold; therefore, it is unlikely to be affected by covered activities. This species is given a Global Ranking of G3. This ranking indicates that this species is vulnerable, but not imperiled; therefore, this species is not likely to be federally listed during the permit term.
Spreading navarretia (<i>Navarretia fossalis</i>)	FT, CRPR 1B	None	<ul style="list-style-type: none"> The HCP area is outside the known range for this species.
Coast woolly-heads (<i>Nemacaulis denudata</i> var. <i>denudata</i>)	CRPR 1B	Observed ¹¹	<ul style="list-style-type: none"> This species has not been documented in the HCP area since 2000, including during vegetation surveys conducted by CDPR.
Short-lobed broomrape (<i>Orobanche parishii</i> ssp. <i>brachyloba</i>)	CRPR 4	Observed	<ul style="list-style-type: none"> This species has only been documented in South Oso Flaco; therefore, it has a limited distribution in the HCP area and is unlikely to be affected by covered activities. This species is given a Global Ranking of G4T4. This ranking indicates that this species is uncommon, but not rare; therefore, this species is not likely to be federally listed during the permit term.
Monterey pine (<i>Pinus radiata</i>)	CRPR 1B ¹²	Observed	<ul style="list-style-type: none"> Not native in the HCP area.
Torrey pine (<i>Pinus torreyana</i> ssp. <i>torreyana</i>)	CRPR 1B ⁵	Observed	<ul style="list-style-type: none"> Not native in the HCP area.
Hickman’s popcorn flower (<i>Plagiobothrys chorisianus</i> var. <i>hickmanii</i>)	CRPR 4	Observed	<ul style="list-style-type: none"> This has only been documented within some vegetation islands, the Phillips 66 Leasehold, and near Maidenform; therefore, it is unlikely to be affected by covered activities. This species is given a Global Ranking of G3T3. This ranking indicates that this species is vulnerable, but not imperiled; therefore, this species is not likely to be federally listed during the permit term.

¹¹ Documented in CNDDDB as occurring north of Oso Flaco Lake near the boundary with OHV activity in 2000.

¹² Only considered a special-status plant where they naturally occur.

Table 2: Special-status plants not included in the HCP			
Species	Listing Status ¹	Potential to Occur in HCP Area	Omission Rationale
Sand almond (<i>Prunus fasciculata</i> var. <i>punctata</i>)	CRPR 4	Observed	<ul style="list-style-type: none"> This has only been documented within the Phillips 66 Leasehold; therefore, it has a limited distribution in the HCP area and is unlikely to be affected by covered activities. This species is given a Global Ranking of G5T4. This ranking indicates that this species is widespread; therefore, this species is not likely to be federally listed during the permit term.
Black-flowered figwort (<i>Scrophularia atrata</i>)	CRPR 1B	Low	<ul style="list-style-type: none"> This species is not known to occur in the HCP area, and this species mostly occurs on older sand dunes than are present in the HCP area.
Blochman’s ragwort (<i>Senecio blochmaniae</i>)	CRPR 4	Observed	<ul style="list-style-type: none"> This species is given a Global Ranking of G3. This ranking indicates that this species is vulnerable, but not imperiled; therefore, this species is not likely to be federally listed during the permit term.
San Bernardino aster (<i>Symphyotrichum defoliatum</i>)	CRPR 1B	Low	<ul style="list-style-type: none"> This species is not known to occur in the HCP area, and limited suitable habitat for this species is present in the HCP area.
¹ Listing Status Designations: FE: Federal endangered SE: State endangered CRPR 1B: Considered to be rare, threatened, or endangered in California and elsewhere CRPR 2: Considered to be rare, threatened, or endangered in California, but more common elsewhere CRPR 4: Watch List			