

Table H-1. Additional Special-status Species Known from the Region; Not Likely to Occur in the Project Study Area (PSA)

Species	Status	Habitat	Potential for Occurrence in the PSA
Plants			
<i>Abronia maritima</i> Red sand-verbena	CRPR 4.2	Perennial herb; coastal dunes below about 330 feet elev. Blooms Feb–Nov.	Not likely to occur. PSA does not include suitable habitat.
<i>Abronia villosa</i> var. <i>aurita</i> Chaparral sand-verbena	CRPR 1B.1	Annual herb; sandy soils in chaparral, coastal dunes, desert dunes; 250 to 5250 feet elev. Blooms Jan–Sep.	Not likely to occur. PSA does not include suitable habitat.
<i>Acanthomintha ilicifolia</i> San Diego thornmint	FT, SE, CRPR 1B.1, NCCP	Annual; vernal pools and shrubland clay soil depressions below about 3000 ft. elev. Blooms Apr–Jun.	Not likely to occur. PSA does not include suitable habitat.
<i>Acmispon prostratus</i> Nuttall's acmispon	CRPR 1B.1	Annual; coastal dunes, sandy areas in coastal scrub; sea level to about 30 feet elev. Blooms Mar–Jul.	Not likely to occur. PSA does not include suitable habitat.
<i>Adolphia californica</i> California adolphia	CRPR 2B.1	Shrub; coastal sage scrub and chaparral below about 2500 ft. elev. Blooms Dec–Apr.	Not likely to occur. PSA does not include suitable habitat.
<i>Arctostaphylos glandulosa</i> ssp. <i>crassifolia</i> Del Mar manzanita	FE, CRPR 1B.1, NCCP	Perennial evergreen shrub; coastal bluffs and sandstone outcrops below about 1200 ft. elev. Blooms Dec–Apr.	Not likely to occur. PSA does not include suitable habitat.
<i>Arctostaphylos rainbowensis</i> Rainbow manzanita	CRPR 1B.1	Perennial evergreen shrub; chaparral; 670 to 2200 feet elev. blooms Dec–Mar.	Not likely to occur. PSA does not include suitable habitat.
<i>Artemisia palmeri</i> San Diego sagewort	CRPR 4.2	Coastal sage scrub, mostly within ±mesic washes; sandy soils; below about 2000 ft. elev. Blooms Jul–Sep.	Not likely to occur. PSA does not include suitable habitat.
<i>Asplenium vespertinum</i> Western spleenwort	CRPR 4.2	Perennial herb; rocky soils in chaparral, woodland, coastal scrub; 600 to 3300 feet elev. Blooms Feb–Jun.	Not likely to occur. PSA does not include suitable habitat.
<i>Astragalus tener</i> var. <i>titi</i> Coastal dunes milk-vetch	FE, SE, CRPR 1B.1, NCCP	Annual herb; coastal dunes and scrub; most historic occurrences presumed extinct. Blooms Mar–May.	Not likely to occur. PSA does not include suitable habitat.
<i>Atriplex coulteri</i> Coulter's saltbush	CRPR 1B.2	Perennial herb; alkaline or clay soils, open sites in coastal scrub, coastal bluff scrub, coastal dunes, and valley and foothill grasslands. Elev. 0-1,600 ft. Blooms Mar–Oct.	Not likely to occur. PSA does not include suitable habitat.
<i>Atriplex pacifica</i> South coast saltscale	CRPR 1B.2	Annual herb; coastal bluff scrub, coastal dunes, coastal scrub, playas. Elev. 0-1,000 ft. Blooms Mar–Oct.	Not likely to occur. PSA does not include suitable habitat.
<i>Atriplex parishii</i> Parish's brittlescale	CRPR 1B.1	Annual herb; alkaline soils in chenopod scrub, playas, vernal pools; 80 to 6200 feet elev. Blooms Jun–Oct.	Not likely to occur. PSA does not include suitable habitat.
<i>Baccharis vanessae</i> Encinitas baccharis	FT, SE, CRPR 1B.1, NCCP	Perennial deciduous shrub; sandstone areas in maritime chaparral and cismontane woodland; 200 to 2350 feet elev. Blooms Aug–Nov.	Not likely to occur. PSA does not include suitable habitat.
<i>Bloomeria clevelandii</i> San Diego goldenstar	CRPR 1B.1	Perennial bulbiferous herb; clay soils in chaparral, coastal scrub, grassland, vernal pools; 160 to 1525 feet elev. Blooms Apr–May.	Not likely to occur. PSA does not include suitable habitat.

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<i>Brodiaea orcuttii</i> Orcutt's brodiaea	CRPR 1B.1, NCCP	Perennial herb; vernal pools, grasslands, seeps, streamsides; heavy soils; near sea level to about 5300 ft. elev. Blooms Apr–Jul.	Not likely to occur. PSA does not include suitable habitat.
<i>Camissoniopsis lewisii</i> Lewis' evening-primrose	CRPR 3	Annual; sandy or clay soils in coastal bluff scrub, woodland, coastal dunes, coastal scrub, grassland; sea level to about 980 feet elev. Blooms Mar–Jun.	Not likely to occur. PSA does not include suitable habitat.
<i>Caulanthus similans</i> Payson's jewelflower	CRPR 4.2, NCCP	Annual herb; sandy or granitic soils in chaparral and coastal scrub; 300 to 7200 feet elev. Blooms Feb–Jun.	Not likely to occur. PSA does not include suitable habitat.
<i>Centromadia parryi</i> ssp. <i>australis</i> Southern tarplant	CRPR 1B.1	Annual herb; marshes, vernal mesic grassland, vernal pools; sea level to 1575 feet elev. Blooms May–Nov.	Not likely to occur. PSA does not include suitable habitat.
<i>Centromadia pungens</i> ssp. <i>laevis</i> Smooth tarplant	CRPR 1B.1	Annual herb; alkaline soils in chenopod scrub, meadows and seeps, playas, riparian woodland, grassland; sea level to 2100 feet elev. Blooms Apr–Sep.	Not likely to occur. PSA does not include suitable habitat.
<i>Chaenactis glabriuscula</i> var. <i>orcuttiana</i> Orcutt's pincushion	CRPR 1B.1	Annual; sandy places near coast, generally dunes or bluffs below about 350 ft. elev. Blooms Jan–Aug.	Not likely to occur. PSA does not include suitable habitat.
<i>Chamaebatia australis</i> Southern mountain misery	CRPR 4.2	Evergreen shrub; gabbroic, metavolcanic soils in chaparral; 980 to 3350 feet elev. Blooms Nov–May.	Not likely to occur. PSA is well below elevational range and does not include suitable habitat.
<i>Chorizanthe orcuttiana</i> Orcutt's spineflower	FE, SE, CRPR 1B.1, NCCP	Annual herb; sandy openings in maritime chaparral, coastal scrub, coniferous forest; 10 to 400 feet elevation. Blooms Mar–May.	Not likely to occur. PSA does not include suitable habitat.
<i>Chorizanthe polygonoides</i> var. <i>longispina</i> Long-spined spineflower	CRPR 1B.2	Annual herb; chaparral, coastal scrub, meadows, grassland on gabbroic clay at 100 to 5020 feet elevation. Blooms Apr–Jun.	Not likely to occur. PSA does not include suitable habitat.
<i>Cistanthe maritima</i> Seaside cistanthe	CRPR 4.2	Annual herb; sandy soils in coastal bluff scrub, coastal scrub, grassland; sea level to 980 feet elev. Blooms Feb–Aug.	Not likely to occur. PSA does not include suitable habitat.
<i>Clarkia delicata</i> Delicate clarkia	CRPR 1B.2	Annual herb; often on gabbro soils in chaparral and woodland; 770 to 3280 feet elev. Blooms Apr–Jun.	Not likely to occur. PSA is well below elevational range and does not include suitable habitat.
<i>Comarostaphylis diversifolia</i> ssp. <i>diversifolia</i> Summer holly	CRPR 1B.2	Shrub; chaparral below about 1800 ft. elev. Blooms Apr–Jun.	Not likely to occur. PSA does not include suitable habitat.
<i>Convolvulus simulans</i> Small-flowered morning-glory	CRPR 4.2	Annual; clay, serpentinite seeps in coastal scrub, grassland, and openings in chaparral; 100 to 2300 feet elev. Blooms Mar–Jul.	Not likely to occur. PSA does not include suitable habitat.
<i>Corethrogyne filaginifolia</i> var. <i>incana</i> San Diego sand aster	CRPR 1B.1	Perennial herb; coastal bluff scrub, coastal scrub, chaparral; sea level to 380 feet elev. Blooms Jun–Sep.	Not likely to occur. PSA does not include suitable habitat.

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<i>Corethrogyne filaginifolia</i> var. <i>linifolia</i> Del Mar Mesa sand aster	CRPR 1B.1, NCCP	Perennial herb; sandy soil in coastal bluff scrub, coastal scrub, and openings in maritime chaparral; near sea level to 500 feet elev. Blooms May–Sep.	Not likely to occur. PSA does not include suitable habitat.
<i>Cryptantha wigginsii</i> Wiggins' cryptantha	CRPR 1B.2	Annual herb; often on clay soils in coastal scrub; 65 to 900 feet elev. Blooms Feb–Jun.	Not likely to occur. PSA does not include suitable habitat.
<i>Deinandra paniculata</i> Paniculate tarplant	CRPR 4.2	Annual; usually vernal mesic, sometimes sandy soils in coastal scrub, grassland, vernal pools; 80 to 3100 feet elev. Blooms Apr–Nov.	Not likely to occur. PSA does not include suitable habitat.
<i>Dichondra occidentalis</i> Western dichondra	CRPR 4.2	Perennial herb; chaparral, woodland, coastal scrub, grassland; 160 to 1650 feet elev. Blooms Jan–Jul.	Not likely to occur. PSA does not include suitable habitat.
<i>Dudleya blochmaniae</i> ssp. <i>blochmaniae</i> Blochman's dudleya	CRPR 1B.1, NCCP	Perennial herb; open rocky slopes, often in clay or serpentine soil, below about 1500 ft. elev., coastal regions. Blooms Apr–Jun.	Not likely to occur. PSA does not include suitable habitat.
<i>Dudleya multicaulis</i> Many-stemmed dudleya	CRPR 1B.2, NCCP	Perennial herb; often on clay soils in chaparral, coastal scrub, grassland; 50 to 2600 feet elev. Blooms Apr–Jul.	Not likely to occur. PSA does not include suitable habitat.
<i>Dudleya variegata</i> Variegated dudleya	CRPR 1B.2, NCCP	Perennial herb; various upland habitats; dry hillsides and mesas; sea level to about 1900 ft. elev. Blooms May–Jun.	Not likely to occur. PSA does not include suitable habitat.
<i>Dudleya viscida</i> Sticky dudleya	CRPR 1B.2, NCCP	Perennial herb; steep rock slopes; sea level to about 1800 ft. elev. Blooms May–Jun.	Not likely to occur. PSA does not include suitable habitat.
<i>Ericameria palmeri</i> var. <i>palmeri</i> Palmer's goldenbush	CRPR 1B.1, NCCP	Evergreen shrub; mesic areas in chaparral and coastal scrub; 100 to 1970 feet elev. Blooms Jul–Nov.	Not likely to occur. PSA does not include suitable habitat.
<i>Eryngium aristulatum</i> var. <i>parishii</i> San Diego button-celery	FE, SE, CRPR 1B.1, NCCP	Perennial herb; vernal pools or moist sites in coastal sage scrub or grasslands; below about 2000 ft. elev. Blooms Apr–Jun.	Not likely to occur. PSA does not include suitable habitat.
<i>Eryngium pendletonense</i> Pendleton button-celery	CRPR 1B.1	Perennial herb; clay soils and vernal mesic areas in coastal bluff scrub, grassland, vernal pools; 50 to 360 feet elev. Blooms Apr–Jul.	Not likely to occur. PSA does not include suitable habitat.
<i>Ferocactus viridescens</i> San Diego barrel cactus	CRPR 2B.1, NCCP	Shrubland or grassland on open dry slopes below about 500 ft. elev. Blooms May–Jun.	Not likely to occur. PSA does not include suitable habitat.
<i>Harpagonella palmeri</i> Palmer's grapplinghook	CRPR 4.2, NCCP	Annual herb. Clay soils; dry, semi-barren sites; chaparral, coastal scrub, valley and foothill grassland. Elev. 65 - 3,200 ft. Blooms Mar–May.	Not likely to occur. PSA does not include suitable habitat.
<i>Hazardia orcuttii</i> Orcutt's hazardia	ST, CRPR 1B.1	Perennial evergreen shrub; often on clay soils in maritime chaparral and coastal scrub; around 280 feet elev. Blooms Aug–Oct.	Not likely to occur. PSA does not include suitable habitat.

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<i>Heterotheca sessiliflora</i> ssp. <i>sessiliflora</i> Beach goldenaster	CRPR 1B.1	Perennial herb; coastal dunes, coastal scrub, coastal chaparral; sea level to 4000 feet elev. Blooms Mar–Dec.	Not likely to occur. PSA does not include suitable habitat.
<i>Holocarpha virgata</i> ssp. <i>elongata</i> Graceful tarplant	CRPR 4.2	Annual; chaparral, woodland, coastal scrub, grassland; 200 to 3600 feet elev. Blooms May–Nov.	Not likely to occur. PSA does not include suitable habitat.
<i>Hordeum intercedens</i> Vernal barley	CRPR 3.2	Annual; coastal dunes, coastal scrub, vernal pools, saline flats and depressions in grassland; sea level to 3300 feet elev. Blooms Mar–June.	Not likely to occur. PSA does not include suitable habitat.
<i>Horkelia truncata</i> Ramona horkelia	CRPR 1B.3	Perennial herb; clay and gabbroic soils in chaparral and cismontane woodland; 1300 to 4265 feet elev. Blooms May–Jun.	Not likely to occur. PSA is well below elevational range and does not include suitable habitat.
<i>Isocoma menziesii</i> var. <i>decumbens</i> Decumbent goldenbush	CRPR 1B.2	Coastal sage scrub (sandy mesas, often disturbed areas within coastal scrub), below about 500 ft. elev. Blooms Apr–Nov.	Not likely to occur. PSA does not include suitable habitat.
<i>Iva hayesiana</i> San Diego marsh-elder	CRPR 2B.2	Perennial herb; marshes, swamps, playas; 30 to 1650 feet elev. Blooms Apr–Oct.	Not likely to occur. PSA does not include suitable habitat.
<i>Juncus acutus</i> ssp. <i>leopoldii</i> Southwestern spiny rush	CRPR 4.2	Perennial herb; mesic coastal dunes, alkaline seeps, coastal salt marshes; sea level to 3000 feet elev. Blooms Mar–Jun.	Not likely to occur. PSA does not include suitable habitat.
<i>Lasthenia glabrata</i> ssp. <i>coulteri</i> Coulter's goldfields	CRPR 1B.1	Annual herb. Saline places, coastal salt marshes and swamps, playas, vernal pools. Elev. 0-4,000 ft. Blooms Feb–Jun.	Not likely to occur. PSA does not include suitable habitat.
<i>Lepidium virginicum</i> var. <i>robinsonii</i> Robinson's pepper-grass	CRPR 4.3	Annual herb. Found on dry soils in chaparral and coastal scrub below 2,900 feet elevation. Blooms Jan–Jul.	Not likely to occur. PSA does not include suitable habitat.
<i>Leptosyne maritima</i> Sea dahlia	CRPR 2B.2	Perennial herb; coastal scrub, coastal bluff scrub; sea level to 500 feet elev. Blooms Mar–May.	Not likely to occur. PSA does not include suitable habitat.
<i>Lycium californicum</i> California box-thorn	CRPR 4.2	Perennial shrub; coastal bluff scrub, coastal scrub; sea level to 500 feet elev. Blooms Dec–Aug.	Not likely to occur. PSA does not include suitable habitat.
<i>Microseris douglasii</i> ssp. <i>platycarpha</i> Small-flowered microseris	CRPR 4.2	Annual; clay soils in woodland, coastal scrub, grassland, vernal pools; near sea level to 3500 feet elev. Blooms Mar–May.	Not likely to occur. PSA does not include suitable habitat.
<i>Mimulus diffusus</i> Palomar monkeyflower	CRPR 4.3	Annual herb; sandy or gravelly soils in chaparral and lower montane coniferous forest; 4000 to 6000 feet elev. Blooms Apr–Jun.	Not likely to occur. PSA is well below elevational range and does not include suitable habitat.
<i>Mondardella hypoleuca</i> ssp. <i>lanata</i> Felt-leaved monardella	CRPR 1B.2, NCCP	Perennial rhizomatous herb; chaparral and cismontane woodland; 985 to 5165 feet elev. Blooms Jun–Aug.	Not likely to occur. PSA is well below elevational range and does not include suitable habitat.

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<i>Myosurus minimus</i> ssp. <i>apus</i> Little mouse-tail	CRPR 3.1, NCCP	Annual; vernal pools, alkali grasslands; valley floors, sea level to about 2100 ft. elev. Blooms Mar–May.	Not likely to occur. PSA does not include suitable habitat.
<i>Navarretia fossalis</i> Spreading navarretia	FT, CRPR 1B.1, NCCP	Annual; vernal pools and margins, marshes, & playas on saline-alkaline soils; sea level to about 4200 ft. elev. Apr–Jun.	Not likely to occur. PSA does not include suitable habitat.
<i>Nemacaulis denudata</i> var. <i>denudata</i> Coast woolly-heads	CRPR 1B.2	Annual herb; beaches and coastal dunes. Elev. 0-300 ft. Blooms Mar–Sep.	Not likely to occur. PSA does not include suitable habitat.
<i>Nemacaulis denudata</i> var. <i>gracilis</i> Slender cottonheads	CRPR 2B.2	Annual herb. Coastal dunes, desert dunes, and Sonoran desert scrub in dunes or sand at 150 to 1320 feet elev. Blooms Mar–May.	Not likely to occur. PSA does not include suitable habitat.
<i>Nolina cismontana</i> Chaparral nolina	CRPR 1B.2	Perennial evergreen shrub; sandstone or gabbro soils in chaparral and coastal scrub; 460 to 4180 feet elev. Blooms Mar–Jul.	Not likely to occur. PSA does not include suitable habitat.
<i>Orcuttia californica</i> California Orcutt grass	FE, SE, CRPR 1B.1, NCCP	Annual herb; vernal pools; 50 to 2200 feet elev. Blooms Apr–Aug.	Not likely to occur. PSA does not include suitable habitat.
<i>Orobanche parishii</i> ssp. <i>brachyloba</i> Short-lobed broomrape	CRPR 4.2	Perennial parasitic herb; sandy soils in coastal dunes, coastal bluff scrub, coastal scrub; sea level to 1000 feet elev. Blooms Apr–Oct.	Not likely to occur. PSA does not include suitable habitat.
<i>Pentachaeta aurea</i> ssp. <i>aurea</i> Golden-rayed pentachaeta	CRPR 4.2	Annual; chaparral, forest/woodland, coastal scrub, riparian, grassland; 260 to 6000 feet elev. Blooms Mar–Jul.	Not likely to occur. PSA does not include suitable habitat.
<i>Phacelia ramosissima</i> var. <i>austrolitoralis</i> South Coast branching phacelia	CRPR 3.2	Perennial herb; sandy and sometimes rocky soils in chaparral, coastal dunes, coastal scrub, coastal salt marsh; sea level to 980 feet elev. Blooms Mar–Aug.	Not likely to occur. PSA does not include suitable habitat.
<i>Phacelia stellaris</i> Brand's star phacelia	CRPR 1B.1	Annual herb; open areas in coastal dunes and scrub; sea level to 1300 feet elev. Blooms Mar–Jun.	Not likely to occur. PSA does not include suitable habitat.
<i>Pinus torreyana</i> ssp. <i>torreyana</i> Torrey pine	CRPR 1B.2, NCCP	Evergreen tree; sandstone soils in coniferous forest, chaparral; 250 to 500 feet elev.	Not likely to occur. PSA does not include suitable habitat.
<i>Polygala cornuta</i> var. <i>fishiae</i> Fish's milkwort	CRPR 4.3	Perennial deciduous shrub; chaparral, cismontane woodland, riparian woodland; 330 to 3280 feet elev. Blooms May–Aug.	Not likely to occur. PSA does not include suitable habitat.
<i>Pseudognaphalium leucocephalum</i> White rabbit-tobacco	CRPR 2B.2	Perennial herb; sandy or gravelly soils in chaparral, cismontane woodland, coastal scrub, riparian woodland; sea level to 6900 feet elev. Blooms Jul–Dec.	Not likely to occur. PSA does not include suitable habitat.
<i>Psilocarphus brevissimus</i> var. <i>multiflorus</i> Delta woolly-marbles	CRPR 4.2	Annual herb; vernal pools; 30 to 1640 feet elev. Blooms May–Jun.	Not likely to occur. PSA does not include suitable habitat.

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<i>Quercus dumosa</i> Nuttall's scrub oak	CRPR 1B.1	Evergreen shrub; sandy, clay loam in coniferous forest, chaparral, coastal scrub; 45 to 1320 feet elev. Blooms Feb–Aug.	Not likely to occur. PSA does not include suitable habitat.
<i>Quercus engelmannii</i> Engelmann oak	CRPR 4.2	Perennial deciduous tree; chaparral, cismontane woodland, riparian woodland, grassland; 160 to 4265 feet elev.	Not likely to occur. PSA does not include suitable habitat.
<i>Salvia munzii</i> Munz's sage	CRPR 2B.2	Evergreen shrub; chaparral, coastal scrub; 380 to 3500 feet elev. Blooms Feb–Apr.	Not likely to occur. PSA does not include suitable habitat.
<i>Selaginella cinerascens</i> Ashy spike-moss	CRPR 4.1	Perennial herb; chaparral, coastal scrub; 65 to 2100 feet elev.	Not likely to occur. PSA does not include suitable habitat.
<i>Senecio aphanactis</i> Chaparral ragwort	CRPR 2B.2	Annual; drying alkaline flats; below about 1300 ft. elev. Blooms Jan–Apr.	Not likely to occur. PSA does not include suitable habitat.
<i>Stemodia durantifolia</i> Purple stemodia	CRPR 2B.1	Perennial herb; often in mesic, sandy areas in desert scrub; 590 to 980 feet elev. Blooms Jan–Dec.	Not likely to occur. PSA does not include suitable habitat.
<i>Stipa diegoensis</i> San Diego County needle grass	CRPR 4.2	Perennial herb; rocky soils, often mesic areas in chaparral, coastal scrub; near sea level to 2600 feet elev. Blooms Feb–Jun.	Not likely to occur. PSA does not include suitable habitat.
<i>Suaeda esteroa</i> Estuary seablite	CRPR 1B.2	Perennial herb; coastal salt marshes and swamps. Elev. 0-15 ft. Blooms May–Jan.	Not likely to occur. PSA does not include suitable habitat.
<i>Tetracoccus dioicus</i> Parry's tetracoccus	CRPR 1B.2, NCCP	Shrub; chaparral, coastal sage scrub; generally gabbro or basalt soils; about 500-3300 ft. elev. Blooms Apr–May.	Not likely to occur. PSA does not include suitable habitat.
<i>Viguiera laciniata</i> San Diego County viguiera	CRPR 4.2	Perennial shrub; chaparral, coastal scrub; 200 to 2500 feet elev. Blooms Feb–Aug.	Not likely to occur. PSA does not include suitable habitat.
Invertebrates			
<i>Bombus crotchii</i> Crotch bumble bee	SA	Colonial insect; open grassland and scrub; underground colonies, often in old rodent burrows. Food plants include <i>Asclepias</i> , <i>Chaenactis</i> , <i>Lupinus</i> , <i>Medicago</i> , <i>Phacelia</i> , <i>Salvia</i> , <i>Antirrhinum</i> , <i>Clarkia</i> , <i>Dendromecon</i> , <i>Eschscholzia</i> , <i>Eriogonum</i> . Southern and central CA, parts of N CA, SW Nevada and Baja. Active spring–fall.	Not likely to occur. PSA does not include suitable habitat.
<i>Branchinecta lynchi</i> Vernal pool fairy shrimp	FT	Occurs only in cool water shallow vernal pools. Ranges from Riverside County north through Central Valley grasslands and central and south Coast Ranges.	Not likely to occur. PSA does not include suitable habitat.

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<i>Branchinecta sandiegonensis</i> San Diego fairy shrimp	FE, NCCP	Vernal pools, western San Diego Co. and Orange Co., commonly in small, short-lived or relatively shallow pools below about 2300 ft. elev. and within about 40 mi of the coast.	Not likely to occur. PSA does not include suitable habitat.
<i>Cicindela senilis frosti</i> Senile tiger beetle	SA	Inhabits marine shoreline, from c Calif. coast south to salt marshes of San Diego, also Lake Elsinore. Inhabits dark-colored mud in the lower zone and dried salt pans in the upper zone.	Not likely to occur. PSA does not include suitable habitat.
<i>Danaus plexippus pop. 1</i> Monarch – California overwintering population	SA	Winter roost sites extend along the coast from n Mendocino to Baja Calif., Mexico. Roosts located in wind-protected tree groves (eucalyptus, Monterey pine, cypress), with nectar and water sources nearby.	Not likely to occur. PSA does not include suitable trees for winter roosts. Individuals could potentially be seen in or moving through the area.
<i>Streptocephalus woottoni</i> Riverside fairy shrimp	FE, NCCP	Deep vernal pools and ponds in annual grasslands, which may be interspersed with chaparral or coastal sage scrub vegetation.	Not likely to occur. PSA does not include suitable habitat.
<i>Tryonia imitator</i> Mimic tryonia (=California brackishwater snail)	SA	Inhabits coastal lagoons, estuaries, and salt marshes, from Sonoma Co. south to San Diego Co. Found only in permanently submerged areas in a variety of sediment types; able to withstand a wide range of salinities.	Not likely to occur. PSA does not include suitable habitat.
Fish			
<i>Gila orcuttii</i> Arroyo chub	SSC	Major cismontane stream systems in S Calif.; extant popns near Riverside and down-stream; introduced populations also occur outside historic native range.	Absent. No aquatic habitat in PSA.
Amphibians			
<i>Anaxyrus californicus</i> Arroyo toad	FE, SSC, NCCP	Sandy alluvial washes where surface water available through spring; desert margins and scattered locations in cismontane S Calif.	Not likely to occur. PSA does not include suitable habitat.
<i>Spea hammondi</i> Western spadefoot	SSC, NCCP	Primarily grasslands but can be found in valley-foothill hardwood woodlands, sage scrubs, and chaparral where pooled or ponded water remains through early spring (April/May). Vernal pools, stock ponds, and road pools are essential for breeding, egg-laying, and larval development.	Not likely to occur. PSA does not include suitable habitat.

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Reptiles			
<i>Aspidoscelis hyperythra</i> Orangethroat whiptail	SSC, NCCP	Prefers washes and other sandy areas with patches of brush and rocks, in chaparral, coastal sage scrub, juniper woodland, and oak woodland from sea level to 3,000 feet elevation. Perennial plants required.	Not likely to occur. PSA does not include suitable habitat.
<i>Aspidoscelis tigris stejnegeri</i> Coastal whiptail	SA	Found in deserts and semi-arid areas with sparse vegetation and open areas; also found in woodland and riparian habitats; substrates may be firm soil, sandy, or rocky.	Not likely to occur. PSA does not include suitable habitat.
<i>Charina trivirgata</i> Rosy boa	SA, NCCP	Rocky chaparral and desert shrubland; gen below about 4500 ft. elev.	Not likely to occur. PSA does not include suitable habitat.
<i>Crotalus ruber</i> Red-diamond rattlesnake	SSC, NCCP	Desert scrub, thorn scrub, open chaparral and woodland; occasional in grassland and cultivated areas. Prefers rocky areas and dense vegetation.	Not likely to occur. PSA does not include suitable habitat.
<i>Diadophis punctatus similis</i> San Diego ringneck snake	SA, NCCP	Open, often rocky areas in woodlands, shrublands, and grasslands; sea level to about 7200 ft. elev.; W San Diego and Riverside Cos., NW Baja Calif.	Not likely to occur. PSA does not include suitable habitat.
<i>Emys marmorata</i> Western pond turtle	SSC, NCCP	Inhabits a wide variety of aquatic habitats, including rivers, streams, lakes, ponds, wetlands, and reservoirs; requires emergent basking sites.	Absent. No aquatic habitat in PSA.
<i>Plestiodon skiltonianus interparietalis</i> Coronado Island skink	SSC, NCCP	Grasslands, woodlands, chaparral; clearings and stream sides.	Not likely to occur. PSA does not include suitable habitat.
<i>Salvadora hexalepis virgultea</i> Coast patch-nosed snake	SSC, NCCP	Occurs in coastal chaparral, desert scrub, washes, sandy flats, rocky areas; broad generalist.	Not likely to occur. PSA does not include suitable habitat.
<i>Thamnophis hammondi</i> Two-striped garter snake	SSC, NCCP	Highly aquatic; found in or near permanent fresh water; often along streams with rocky beds and riparian growth.	Not likely to occur. PSA does not include aquatic habitat.
Birds			
<i>Aimophila ruficeps canescens</i> Southern California rufous-crowned sparrow	WL, NCCP	Resident in southern California coastal sage scrub and sparse mixed chaparral; frequents relatively steep, often rocky hillsides with grass and forb patches.	Not likely to occur. PSA does not include suitable habitat.
<i>Aquila chrysaetos</i> Golden eagle	BGEPA, FP, WL, NCCP	Nests in remote trees and cliffs; forages over shrublands and grasslands; breeds throughout W N America, winters to E coast.	Not likely to occur. PSA does not include suitable habitat.

Table H-1. Additional Special-status Species Known from the Region; Not Likely to Occur in the Project Study Area (PSA)

Species	Status	Habitat	Potential for Occurrence in the PSA
<i>Artemisiospiza belli belli</i> Bell's sage sparrow	WL	Coastal sage scrub, chaparral, saltbush scrub, cismontane cent. and S Calif., NW Baja Calif.	Not likely to occur. PSA does not include suitable habitat.
<i>Campylorhynchus brunneicapillus sandiegensis</i> Coastal cactus wren	SSC, NCCP	Coastal sage scrub with cactus patches.	Not likely to occur. PSA does not include suitable habitat.
<i>Charadrius alexandrinus nivosus</i> Western snowy plover	FT, SSC, NCCP	Breeds on barren to sparsely vegetated flats and along shores of alkaline and saline lakes, reservoirs, ponds, river channels, and salt evaporation ponds.	Not likely to occur. PSA does not include suitable habitat.
<i>Coccyzus americanus occidentalis</i> Western yellow-billed cuckoo	FT, SE	Nests along the broad, lower flood-bottoms of larger river systems; also nests in riparian forests and riparian jungles of willow often mixed with cottonwoods, with an understory of blackberry, nettles, or wild grape.	Not likely to occur. PSA does not include suitable habitat.
<i>Ixobrychus exilis</i> Least bittern	SSC	Cattail and bulrush marshes.	Not likely to occur. PSA does not include suitable habitat.
<i>Laterallus jamaicensis coturniculus</i> California black rail	ST	Freshwater and saltwater marsh.	Not likely to occur. PSA does not include suitable habitat.
<i>Passerculus sandwichensis beldingi</i> Belding's savannah sparrow	SE, NCCP	Inhabits coastal salt marshes, from Santa Barbara south through San Diego Co. Nests in <i>Salicornia</i> on and about margins of tidal flats.	Not likely to occur. PSA does not include suitable habitat.
<i>Plegadis chihi</i> White-faced Ibis	WL, NCCP	Widespread during migration. Roosts in colonies in fresh emergent wetland. Feeds in wetlands, marshes, and irrigated or flooded pastures.	Not likely to occur. PSA does not include suitable habitat.
<i>Rallus longirostris levipes</i> Light-footed clapper rail	FE, SE, NCCP	Found in salt marshes traversed by tidal sloughs, where cordgrass and pickleweed are the dominant vegetation. Requires dense growth of either pickleweed or cordgrass for nesting or escape cover; feeds on molluscs and crustaceans.	Not likely to occur. PSA does not include suitable habitat.
<i>Sternula antillarum browni</i> California least tern	FE, SE, NCCP	Nests along the coast from San Francisco Bay south to n Baja California. Forages for small fish in harbors, lagoons, and nearshore marine habitat. Colonial breeder on bare or sparsely vegetated, flat substrates: sand beaches, alkali flats, landfills, or paved areas.	Not likely to occur. PSA does not include suitable habitat.

Table H-1. Additional Special-status Species Known from the Region; Not Likely to Occur in the Project Study Area (PSA)

Species	Status	Habitat	Potential for Occurrence in the PSA
Mammals			
<i>Antrozous pallidus</i> Pallid bat	SSC	Deserts, grasslands, shrublands, woodlands, and forests; most common in open, dry habitats with rocky areas for roosting.	Not likely to occur. PSA does not include suitable habitat.
<i>Chaetodipus californicus femoralis</i> Dulzura pocket mouse	SSC, NCCP	Variety of habitats, including coastal scrub, chaparral, and grassland; attracted to grass-chaparral edges.	Not likely to occur. PSA includes potentially suitable habitat, but potential for occurrence in the Oceanside area is low.
<i>Choeronycteris mexicana</i> Mexican long-tongued bat	SSC	Desert and montane riparian, desert succulent scrub, desert scrub, and pinyon-juniper woodland. Roosts in caves, mines, and buildings. Feeds on nectar and pollen from agave and night-blooming cacti, may also eat insects; has been observed foraging from hummingbird feeders.	Not likely to occur. PSA does not include suitable roosting or foraging habitat; potential for occurrence in the Oceanside area is very low.
<i>Corynorhinus townsendii</i> Townsend's big-eared bat	SC	Ranges from southwestern Canada through the western United States to southern Mexico. Requires caves, mines, tunnels, buildings, or other similar structures for roosting. Occasionally roosts in hollow spaces of bridges or buildings or hollow trees. Highly sensitive to disturbance. Found in all but alpine and subalpine habitats; most abundant in mesic habitats. Extremely sensitive to disturbance of roosting sites. Feeds primarily on small moths.	Not likely to occur. PSA does not include suitable roosting habitat; marginal foraging habitat may be present, but potential for occurrence in the Oceanside area is low.
<i>Eumops perotis californicus</i> Western mastiff bat	SSC	Roosts in deep rock crevices, forage over wide area. Found in a variety of habitats, generally roosts on natural substrates, less commonly on buildings or other artificial substrates.	Not likely to occur. PSA does not include suitable roosting habitat; marginal foraging habitat may be present, but potential for occurrence in the Oceanside area is low.
<i>Lasiurus cinereus</i> Hoary bat	SA	Prefers deciduous and coniferous woodlands; primarily roosts in tree foliage.	Not likely to occur. PSA does not include suitable habitat.
<i>Leptonycteris (curasoae) yerbabuena</i> Lesser long-nosed bat	FE	Colonial roosting species found in desert scrub habitat in Arizona, New Mexico, and Mexico. Feeds on the fruit and nectar of columnar cacti and agaves. Roosts in caves and mines.	Not likely to occur. Single report from Oceanside in 1996 probably a vagrant during migration.
<i>Lepus californicus bennettii</i> San Diego black-tailed jackrabbit	SSC, NCCP	Intermediate canopy stages of shrub habitats and shrub, tree, herbaceous edges; primarily coastal sage scrub habitats.	Not likely to occur. PSA does not include suitable habitat.
<i>Myotis yumanensis</i> Yuma myotis	SA	Open habitats with rocks or caves for roosting.	Not likely to occur. PSA does not include suitable habitat.

Table H-1. Additional Special-status Species Known from the Region; Not Likely to Occur in the Project Study Area (PSA)

Species	Status	Habitat	Potential for Occurrence in the PSA
<i>Neotoma lepida intermedia</i> San Diego desert woodrat	SSC, NCCP	Coastal scrub; prefers moderate to dense canopies; particularly abundant in rock outcrops, rocky cliffs, and slopes. Coastal Calif. from San Luis Obispo south through the Transverse and Peninsular Ranges into Baja California, Mexico.	Not likely to occur. PSA does not include suitable habitat.
<i>Nyctinomops femorosaccus</i> Pocketed free-tailed bat	SSC	Variety of arid areas in s Calif.; pine-juniper woodlands, desert scrub, palm oasis, desert wash, desert riparian in rocky areas with high cliffs.	Not likely to occur. PSA does not include suitable habitat.
<i>Perognathus longimembris pacificus</i> Pacific pocket mouse	FE, SSC, NCCP	Inhabits the narrow coastal plains from the Mexican border north to El Segundo, Los Angeles Co. Seems to prefer soils of fine alluvial sands near the ocean, but little is known about life history.	Not likely to occur. PSA does not include suitable habitat, not within coastal plains.
<i>Taxidea taxus</i> American badger	SSC, NCCP	Mountains, deserts, interior valleys; areas with friable soil and available prey.	Not likely to occur. PSA does not include suitable habitat.

Definitions Regarding Potential Occurrence:

Present:	Species or sign of its presence observed on the site
High:	Species or sign not observed on the site, but reasonably certain to occur on the site
Moderate:	Species or sign not observed on the site, conditions suitable for occurrence
Low:	Species or sign not observed on the site, conditions marginal for occurrence
Not likely to occur:	Species or sign not observed on the site, conditions unsuitable for occurrence
Absent:	Required habitat not present (e.g., aquatic species are absent from terrestrial habitats)

STATUS CODES:

FE	Federally Endangered
FT	Federally Threatened
FC	Federal Candidate
BGEPA	Federal Bald and Golden Eagle Protection Act
SE	State Endangered
ST	State Threatened
SC	State Candidate
SR	State Rare
SSC	California Species of Special Concern
FP	California Fully Protected
WL	CDFW Watch List
SA	CDFW Special Animal
NCCP	Regionally Sensitive Species covered under the SDG&E Subregional NCCP
CRPR	California Rare Plant Rank
1B	Plants Rare, Threatened, or Endangered in California and elsewhere
2	Plants Rare, Threatened, or Endangered in California, but more common elsewhere
3	Plants about which we need more information – a review list
4	Plants of limited distribution – a watch list
.1	Seriously threatened in California (high degree/immediacy of threat)
.2	Fairly threatened in California (moderate degree/immediacy of threat)
.3	Not very threatened in California (low degree/immediacy of threats or no current threats known)