Appendix F
Biological Resources Records Search

Plant Species

Angiosperms: Monocots

ARECACEAE—PALM FAMILY

* *Washingtonia robusta*—Mexican fan palm

* signifies introduced (non-native) species

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Wildlife Species

Birds

Finches

FRINGILLIDAE—FRINGILLINE AND CARDUELINE FINCHES AND ALLIES

Haemorhous mexicanus—house finch

Jays, Magpies and Crows

CORVIDAE—CROWS AND JAYS

Corvus brachyrhynchos—American crow

Pigeons and Doves

COLUMBIDAE—PIGEONS AND DOVES

Zenaida macroura—mourning dove

Terns and Gulls

LARIDAE—GULLS, TERNS, AND SKIMMERS

Larus occidentalis—western gull

* signifies introduced (non-native) species

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Scientific Name	Common Name	Status (Federal/State/CRPR)	City of Oceanside Subarea Plan Coverage	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Acanthomintha ilicifolia	San Diego thorn-mint	FT/SE/1B.1	Covered	Chaparral, Coastal scrub, Valley and foothill grassland, Vernal pools; Clay, Openings/annual herb/Apr–June/35–3,150	Not expected to occur. No suitable vegetation present.
Acmispon prostratus	Nuttall's acmispon	None/None/1B.1	Covered	Coastal dunes, Coastal scrub (sandy)/annual herb/Mar–June(July)/0–35	Not expected to occur. No suitable vegetation present.
Adolphia californica	California adolphia	None/None/2B.1	None	Chaparral, Coastal scrub, Valley and foothill grassland; Clay/perennial deciduous shrub/Dec–May/35–2,430	Not expected to occur. No suitable vegetation present.
Agave shawii var. shawii	Shaw's agave	None/None/2B.1	None	Coastal bluff scrub, Coastal scrub/perennial leaf/Sep–May/10–395	Not expected to occur. No suitable vegetation present.
Ambrosia pumila	San Diego ambrosia	FE/None/1B.1	Covered	Chaparral, Coastal scrub, Valley and foothill grassland, Vernal pools; Alkaline (sometimes), Clay (sometimes), Disturbed areas (often), Loam (sometimes), Sandy (sometimes)/perennial rhizomatous herb/Apr–Oct/65–1,360	Not expected to occur. No suitable vegetation present.
Aphanisma blitoides	aphanisma	None/None/1B.2	None	Coastal bluff scrub, Coastal dunes, Coastal scrub; Gravelly (sometimes), Sandy (sometimes)/annual herb/Feb–June/5–1,000	Not expected to occur. No suitable vegetation present.

Scientific Name	Common Name	Status (Federal/State/CRPR)	City of Oceanside Subarea Plan Coverage	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Arctostaphylos glandulosa ssp. crassifolia	Del Mar manzanita	FE/None/1B.1	None	Chaparral (maritime, sandy)/perennial evergreen shrub/June–Apr/0–1,200	XXXX potential to occur.
Astragalus tener var. titi	coastal dunes milk-vetch	FE/SE/1B.1	None	Coastal bluff scrub (sandy), Coastal dunes, Coastal prairie (mesic); Mesic (often), Vernally Mesic (often)/annual herb/Mar–May/5–165	Not expected to occur. No suitable vegetation present.
Atriplex coulteri	Coulter's saltbush	None/None/1B.2	None	Coastal bluff scrub, Coastal dunes, Coastal scrub, Valley and foothill grassland; Alkaline (sometimes), Clay (sometimes)/perennial herb/Mar–Oct/10–1,510	Not expected to occur. No suitable vegetation present.
Atriplex pacifica	south coast saltscale	None/None/1B.2	None	Coastal bluff scrub, Coastal dunes, Coastal scrub, Playas/annual herb/Mar–Oct/0–460	Not expected to occur. No suitable vegetation present.
Brodiaea filifolia	thread-leaved brodiaea	FT/SE/1B.1	Covered	Chaparral (openings), Cismontane woodland, Coastal scrub, Playas, Valley and foothill grassland, Vernal pools; Clay (often)/perennial bulbiferous herb/Mar–June/80–3,675	Not expected to occur. No suitable vegetation present.
Brodiaea orcuttii	Orcutt's brodiaea	None/None/1B.1	None	Chaparral, Cismontane woodland, Closed-cone coniferous forest, Meadows and seeps, Valley and foothill grassland, Vernal pools; Clay, Mesic/perennial bulbiferous herb/May–July/100–5,550	Not expected to occur. No suitable vegetation present.

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Ceanothus verrucosus	wart-stemmed ceanothus	None/None/2B.2	None	Chaparral, Coastal scrub/perennial evergreen shrub/Dec–May/5–1,245	Not expected to occur. No suitable vegetation present.
Centromadia parryi ssp. australis	southern tarplant	None/None/1B.1	None	Marshes and swamps (margins), Valley and foothill grassland (vernally mesic), Vernal pools/annual herb/May–Nov/0–1,575	Not expected to occur. No suitable vegetation present.
Centromadia pungens ssp. laevis	smooth tarplant	None/None/1B.1	None	Chenopod scrub, Meadows and seeps, Playas, Riparian woodland, Valley and foothill grassland; Alkaline/annual herb/Apr–Sep/0–2,100	Not expected to occur. No suitable vegetation present.
Chaenactis glabriuscula var. orcuttiana	Orcutt's pincushion	None/None/1B.1	None	Coastal bluff scrub (sandy), Coastal dunes/annual herb/Jan–Aug/0–330	Not expected to occur. No suitable vegetation present.
Chorizanthe orcuttiana	Orcutt's spineflower	FE/SE/1B.1	None	Chaparral (maritime), Closed-cone coniferous forest, Coastal scrub; Openings, Sandy/annual herb/Mar–May/10–410	Not expected to occur. No suitable vegetation present.
Chorizanthe polygonoides var. longispina	long-spined spineflower	None/None/1B.2	None	Chaparral, Coastal scrub, Meadows and seeps, Valley and foothill grassland, Vernal pools; Clay (often)/annual herb/Apr–July/100–5,020	Not expected to occur. No suitable vegetation present.
Comarostaphylis diversifolia ssp. diversifolia	summer holly	None/None/1B.2	None	Chaparral, Cismontane woodland/perennial evergreen shrub/Apr–June/100–2,590	Not expected to occur. No suitable vegetation present.

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Corethrogyne filaginifolia var. linifolia	Del Mar Mesa sand aster	None/None/1B.1	None	Chaparral (maritime, openings), Coastal bluff scrub, Coastal scrub; Sandy/perennial herb/May–Sep/15–490	Not expected to occur. No suitable vegetation present.
Cryptantha wigginsii	Wiggins' cryptantha	None/None/1B.2	None	Coastal scrub; Clay (often)/annual herb/Feb–June/65–900	Not expected to occur. No suitable vegetation present.
Dudleya blochmaniae ssp. blochmaniae	Blochman's dudleya	None/None/1B.1	Covered	Chaparral, Coastal bluff scrub, Coastal scrub, Valley and foothill grassland; Clay (often), Rocky, Serpentine/perennial herb/Apr–June/15–1,475	Not expected to occur. No suitable vegetation present.
Dudleya multicaulis	many-stemmed dudleya	None/None/1B.2	None	Chaparral, Coastal scrub, Valley and foothill grassland; Clay (often)/perennial herb/Apr–July/50–2,590	Not expected to occur. No suitable vegetation present.
Dudleya variegata	variegated dudleya	None/None/1B.2	None	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland, Vernal pools; Clay/perennial herb/Apr–June/10–1,905	Not expected to occur. No suitable vegetation present.
Dudleya viscida	sticky dudleya	None/None/1B.2	Covered	Chaparral, Cismontane woodland, Coastal bluff scrub, Coastal scrub; Rocky/perennial herb/May–June/35–1,805	Not expected to occur. No suitable vegetation present.
Ericameria palmeri var. palmeri	Palmer's goldenbush	None/None/1B.1	None	Chaparral, Coastal scrub; Mesic/perennial evergreen shrub/(July)Sep–Nov/100–1,970	Not expected to occur. No suitable vegetation present.

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Eryngium aristulatum var. parishii	San Diego button-celery	FE/SE/1B.1	None	Coastal scrub, Valley and foothill grassland, Vernal pools; Mesic/annual/perennial herb/Apr–June/65–2,035	Not expected to occur. No suitable vegetation present.
Eryngium pendletonense	Pendleton button-celery	None/None/1B.1	None	Coastal bluff scrub, Valley and foothill grassland, Vernal pools; Clay, Vernally Mesic/perennial herb/Apr–June(July)/50–360	Not expected to occur. No suitable vegetation present.
Erysimum ammophilum	sand-loving wallflower	None/None/1B.2	None	Chaparral (maritime), Coastal dunes, Coastal scrub; Openings, Sandy/perennial herb/Feb–June(July–Aug)/0–195	Not expected to occur. No suitable vegetation present.
Euphorbia misera	cliff spurge	None/None/2B.2	None	Coastal bluff scrub, Coastal scrub, Mojavean desert scrub; Rocky/perennial shrub/(Oct)Dec–Aug/35–1,640	Not expected to occur. No suitable vegetation present.
Ferocactus viridescens	San Diego barrel cactus	None/None/2B.1	Covered	Chaparral, Coastal scrub, Valley and foothill grassland, Vernal pools/perennial stem/May–June/10–1,475	Not expected to occur. No suitable vegetation present.
Heterotheca sessiliflora ssp. sessiliflora	beach goldenaster	None/None/1B.1	None	Chaparral (coastal), Coastal dunes, Coastal scrub/perennial herb/Mar–Dec/0–4,020	Not expected to occur. No suitable vegetation present.
Isocoma menziesii var. decumbens	decumbent goldenbush	None/None/1B.2	None	Chaparral, Coastal scrub (often disturbed areas, sandy)/perennial shrub/Apr–Nov/35–820	Not expected to occur. No suitable vegetation present.

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Iva hayesiana	San Diego marsh-elder	None/None/2B.2	Covered	Marshes and swamps, Playas/perennial herb/Apr–Oct/0–1,640	Not expected to occur. No suitable vegetation present.
Lasthenia glabrata ssp. coulteri	Coulter's goldfields	None/None/1B.1	None	Marshes and swamps (coastal salt), Playas, Vernal pools/annual herb/Feb–June/5–4,005	Not expected to occur. No suitable vegetation present.
Leptosyne maritima	sea dahlia	None/None/2B.2	None	Coastal bluff scrub, Coastal scrub/perennial herb/Mar–May/15–490	Not expected to occur. No suitable vegetation present.
Nama stenocarpa	mud nama	None/None/2B.2	None	Marshes and swamps (lake margins, riverbanks)/annual/perennial herb/Jan–July/15–1,640	Not expected to occur. No suitable vegetation present.
Navarretia fossalis	spreading navarretia	FT/None/1B.1	None	Chenopod scrub, Marshes and swamps (shallow freshwater), Playas, Vernal pools/annual herb/Apr–June/100–2,150	Not expected to occur. No suitable vegetation present.
Nemacaulis denudata var. denudata	coast woolly-heads	None/None/1B.2	None	Coastal dunes/annual herb/Apr–Sep/0–330	Not expected to occur. No suitable vegetation present.
Nemacaulis denudata var. gracilis	slender cottonheads	None/None/2B.2	None	Coastal dunes, Desert dunes, Sonoran desert scrub/annual herb/(Mar)Apr–May/-165–1,310	Not expected to occur. No suitable vegetation present.
Orcuttia californica	California Orcutt grass	FE/SE/1B.1	None	Vernal pools/annual herb/Apr–Aug/50–2,165	Not expected to occur. No suitable vegetation present.

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Phacelia stellaris	Brand's star phacelia	None/None/1B.1	None	Coastal dunes, Coastal scrub/annual herb/Mar–June/5–1,310	Not expected to occur. No suitable vegetation present.
Pseudognaphalium leucocephalum	white rabbit-tobacco	None/None/2B.2	None	Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland; Gravelly, Sandy/perennial herb/(July)Aug–Nov(Dec)/0–6,890	Not expected to occur. No suitable vegetation present.
Quercus dumosa	Nuttall's scrub oak	None/None/1B.1	Covered	Chaparral, Closed-cone coniferous forest, Coastal scrub; Clay, Loam, Sandy/perennial evergreen shrub/Feb–Apr(May–Aug)/50–1,310	Not expected to occur. No suitable vegetation present.
Senecio aphanactis	chaparral ragwort	None/None/2B.2	None	Chaparral, Cismontane woodland, Coastal scrub; Alkaline (sometimes)/annual herb/Jan–Apr(May)/50–2,625	Not expected to occur. No suitable vegetation present.
Sidalcea neomexicana	salt spring checkerbloom	None/None/2B.2	None	Chaparral, Coastal scrub, Lower montane coniferous forest, Mojavean desert scrub, Playas; Alkaline, Mesic/perennial herb/Mar–June/50–5,020	Not expected to occur. No suitable vegetation present.
Sphenopholis interrupta ssp. californica	prairie false oat	None/None/1B.1	None	Chaparral (coastal); Clay/annual herb/Apr/50–50	Not expected to occur. No suitable vegetation present.

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Suaeda esteroa	estuary seablite	None/None/1B.2	None	Marshes and swamps (coastal salt)/perennial herb/(Jan–May)July–Oct/0–15	Not expected to occur. No suitable vegetation present.

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Amphibians					
Anaxyrus californicus	arroyo toad	FE/SSC	Covered	Semi-arid areas near washes, sandy riverbanks, riparian areas, palm oasis, Joshua tree, mixed chaparral and sagebrush; stream channels for breeding (typically third order); adjacent stream terraces and uplands for foraging and wintering	Not expected to occur. No suitable habitats present.
Spea hammondii	western spadefoot	None/SSC	Covered	Primarily grassland and vernal pools, but also in ephemeral wetlands that persist at least 3 weeks in chaparral, coastal scrub, valley–foothill woodlands, pastures, and other agriculture	Not expected to occur. No suitable habitats present.
Reptiles					
Anniella stebbinsi	southern California legless lizard	None/SSC	None	Coastal dunes, stabilized dunes, beaches, dry washes, valley–foothill, chaparral, and scrubs; pine, oak, and riparian woodlands; associated with sparse vegetation and moist sandy or loose, loamy soils	Not expected to occur. No suitable habitats present.
Arizona elegans occidentalis	California glossy snake	None/SSC	None	Arid scrub, rocky washes, grasslands, chaparral, open areas with loose soil	Not expected to occur. No suitable habitats present.
Aspidoscelis hyperythra	orange-throated whiptail	None/WL	Covered	Low-elevation coastal scrub, chaparral, and valley–foothill hardwood	Not expected to occur. No suitable habitats present.
Aspidoscelis tigris stejnegeri	San Diegan tiger whiptail	None/SSC	None	Hot and dry areas with sparse foliage, including chaparral, woodland, and riparian areas.	Not expected to occur. No suitable habitats present.
Crotalus ruber	red diamondback rattlesnake	None/SSC	None	Coastal scrub, chaparral, oak and pine woodlands, rocky	Not expected to occur. No suitable habitats present.

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				grasslands, cultivated areas, and desert flats	
Diadophis punctatus similis	San Diego ringneck snake	None/None	None	Moist habitats including wet meadows, rocky hillsides, gardens, farmland grassland, chaparral, mixed-conifer forest, and woodland habitats	Not expected to occur. No suitable habitats present.
Phrynosoma blainvillii	Blainville's horned lizard	None/SSC	None	Open areas of sandy soil in valleys, foothills, and semi-arid mountains including coastal scrub, chaparral, valley–foothill hardwood, conifer, riparian, pine–cypress, juniper, and annual grassland habitats	Not expected to occur. No suitable habitats present.
Plestiodon skiltonianus interparietalis	Coronado skink	None/WL	None	Woodlands, grasslands, pine forests, and chaparral; rocky areas near water	Not expected to occur. No suitable habitats present.
Salvadora hexalepis virgultea	coast patch-nosed snake	None/SSC	None	Brushy or shrubby vegetation; requires small mammal burrows for refuge and overwintering sites	Not expected to occur. No suitable habitats present.
Thamnophis hammondii	two-striped gartersnake	None/SSC	None	Streams, creeks, pools, streams with rocky beds, ponds, lakes, vernal pools	Not expected to occur. No suitable habitats present.
Thamnophis sirtalis ssp. (Southern California coastal plain from Ventura County to San Diego County, and from sea level to about 850 m)	south coast garter snake	None/SSC	None	Marsh and upland habitats near permanent water and riparian vegetation	Not expected to occur. No suitable habitats present.
Actinemys pallida	southwestern pond turtle	FPT/SSC	Covered	Slow-moving permanent or intermittent streams, ponds, small lakes, and reservoirs with emergent basking sites; adjacent uplands used for nesting and during winter	Not expected to occur. No suitable habitats present.

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Birds					
Accipiter cooperii (nesting)	Cooper's hawk	None/WL	Covered	Nests and forages in dense stands of live oak, riparian woodlands, or other woodland habitats often near water	Not expected to occur. No suitable vegetation present.
*Agelaius tricolor (*nesting colony)	tricolored blackbird	BCC/SSC, ST	None	Nests near freshwater, emergent wetland with cattails or tules, but also in Himalayan blackberrry; forages in grasslands, woodland, and agriculture	Not expected to occur. No suitable vegetation present.
Aimophila ruficeps canescens	Southern California rufous-crowned sparrow	None/WL	Covered	Nests and forages in open coastal scrub and chaparral with low cover of scattered scrub interspersed with rocky and grassy patches	Not expected to occur. No suitable vegetation present.
Aquila chrysaetos (nesting & wintering)	golden eagle	None/FP, WL	Covered	Nests and winters in hilly, open/semi-open areas, including shrublands, grasslands, pastures, riparian areas, mountainous canyon land, open desert rimrock terrain; nests in large trees and on cliffs in open areas and forages in open habitats	Not expected to occur. No suitable vegetation present. This species is known to occupy inland habitats and does not typically nest in coastal areas. This species may occur in the region as a transient forager outside of nesting season, but there is no potential for nesting to occur in the study area.
Athene cunicularia (burrow sites & some wintering sites)	burrowing owl	BCC/SSC	None	Nests and forages in grassland, open scrub, and agriculture, particularly with ground squirrel burrows	Not expected to occur. No suitable vegetation present.
Buteo swainsoni (nesting)	Swainson's hawk	None/ST	None	Nests in open woodland and savanna, riparian, and in isolated large trees; forages in nearby grasslands and agricultural areas such as wheat and alfalfa fields and pasture	Not expected to occur. No suitable vegetation present. This species may occur in the region as a transient forager, but there is no potential for nesting to occur in the study area.

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Campylorhynchus brunneicapillus sandiegensis	coastal cactus wren	None/SSC	None	Southern cactus scrub patches	Not expected to occur. No suitable habitats present.
Charadrius nivosus nivosus (nesting)	western snowy plover	FT, BCC/SSC	Covered	On coasts nests on sandy marine and estuarine shores; in the interior nests on sandy, barren or sparsely vegetated flats near saline or alkaline lakes, reservoirs, and ponds	Not expected to occur. The sandy beach habitat within the study area is associated with high-traffic public beach areas where periodic grooming, official vehicle use, and recreational uses occur. The open waters (marine) of the Pacific Ocean create a high energy condition at the water's edge which is not representative of the calmer, estuarine/freshwater habitats where this species is known to occur.
Circus hudsonius (nesting)	northern harrier	BCC/SSC	None	Nests in open wetlands (marshy meadows, wet lightly-grazed pastures, old fields, freshwater and brackish marshes); also in drier habitats (grassland and grain fields); forages in grassland, scrubs, rangelands, emergent wetlands, and other open habitats	Not expected to occur. No suitable habitats present.
Elanus leucurus (nesting)	white-tailed kite	None/FP	None	Nests in woodland, riparian, and individual trees near open lands; forages opportunistically in grassland, meadows, scrubs, agriculture, emergent wetland, savanna, and disturbed lands	Not expected to occur. No suitable habitats present.
Empidonax traillii extimus (nesting)	southwestern willow flycatcher	FE/SE	Covered	Nests in dense riparian habitats along streams, reservoirs, or wetlands; uses variety of riparian and shrubland habitats during migration	Not expected to occur. No suitable habitats present. Within the study area, the open waters of the Pacific Ocean and sandy beach habitat do not offer any sort of riparian,

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					wetland, or shrubland vegetation cover this species prefers.
Eremophila alpestris actia	California horned lark	None/WL	None	This subspecies of horned lark occurs on the state's southern and central coastal slope and in the San Joaquin Valley. Nests and forages in grasslands, disturbed lands, agriculture, and beaches.	Not expected to occur. No suitable habitats present.
Icteria virens (nesting)	yellow-breasted chat	None/SSC	Covered	Nests and forages in dense, relatively wide riparian woodlands and thickets of willows, vine tangles, and dense brush	Not expected to occur. No suitable habitats present.
Laterallus jamaicensis coturniculus	California black rail	None/FP, ST	None	Tidal marshes, shallow freshwater margins, wet meadows, and flooded grassy vegetation; suitable habitats are often supplied by canal leakage in Sierra Nevada foothill populations	Not expected to occur. No suitable habitats present.
Passerculus sandwichensis beldingi	Belding's savannah sparrow	BCC/SE	Covered	Nests and forages in coastal saltmarsh dominated by pickleweed (Salicornia spp.)	Not expected to occur. No suitable habitats present. While the project is located in a coastal area, there are no salt marsh habitats in the study area.
Plegadis chihi (nesting colony)	white-faced ibis	None/WL	Covered	Nests in shallow marshes with areas of emergent vegetation; winter foraging in shallow lacustrine waters, flooded agricultural fields, muddy ground of wet meadows, marshes, ponds, lakes, rivers, flooded fields, and estuaries	Not expected to occur. No suitable habitats present.
Polioptila californica californica	coastal California gnatcatcher	FT/SSC	Covered	Nests and forages in various sage scrub communities, often dominated by California	Not expected to occur. No suitable habitats present.

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				sagebrush and buckwheat; generally avoids nesting in areas with a slope of greater than 40%; majority of nesting at less than 1,000 feet above mean sea level	
Rallus obsoletus levipes	Ridgway's rail	FE/FP, SE	Covered	Coastal wetlands, brackish areas, coastal saline emergent wetlands	Not expected to occur. No suitable habitats present. While the project is located in a coastal area, there are no wetlands or saline habitats in the study area.
Riparia riparia (nesting)	bank swallow	None/ST	None	Nests in riparian, lacustrine, and coastal areas with vertical banks, bluffs, and cliffs with sandy soils; open country and water during migration	Not expected to occur. No suitable habitats present.
Setophaga petechia (nesting)	yellow warbler	None/SSC	None	Nests and forages in riparian and oak woodlands, montane chaparral, open ponderosa pine, and mixed-conifer habitats	Not expected to occur. No suitable habitats present.
Sternula antillarum browni (nesting colony)	California least tern	FE/FP, SE	Covered	Forages in shallow estuaries and lagoons; nests on sandy beaches or exposed tidal flats	Not expected to occur. While there is suitable sandy beach habitat within the study area, there are no known nesting colonies in the immediate vicinity of the project. The sandy beach habitat present in the study area is heavily trafficked which would preclude the development of a nesting colony.
Vireo bellii pusillus (nesting)	least Bell's vireo	FE/SE	Covered	Nests and forages in low, dense riparian thickets along water or along dry parts of intermittent streams; forages in riparian and adjacent shrubland late in nesting season	Not expected to occur. No suitable habitats present. This species prefers shrub and woodland habitats associated with riparian areas near streams and rivers, neither of which occur in the study area.
Fish					

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Eucyclogobius newberryi	tidewater goby	FE/None	None	Brackish water habitats along the California coast from Agua Hedionda Lagoon, San Diego County, to the mouth of the Smith River	Not expected to occur. No suitable habitats present. The open waters of the Pacific Ocean within the study area do not support brackish conditions.
Gila orcuttii	arroyo chub	None/SSC	None	Warm, fluctuating streams with slow-moving or backwater sections of warm to cool streams at depths >40 centimeters (16 inches); substrates of sand or mud	Not expected to occur. No suitable habitats present.
Mammals					
Antrozous pallidus	pallid bat	None/SSC	None	Grasslands, shrublands, woodlands, forests; most common in open, dry habitats with rocky outcrops for roosting, but also roosts in man-made structures and trees	Not expected to occur. No suitable habitats present.
Chaetodipus fallax fallax	northwestern San Diego pocket mouse	None/None	Covered	Coastal scrub, mixed chaparral, sagebrush, desert wash, desert scrub, desert succulent shrub, pinyon–juniper, and annual grassland	Not expected to occur. No suitable habitats present.
Choeronycteris mexicana	Mexican long-tongued bat	None/SSC	None	Desert and montane riparian, desert succulent scrub, desert scrub, and pinyon–juniper woodland; roosts in caves, mines, and buildings	Not expected to occur. No suitable habitats present.
Dasypterus xanthinus	western yellow bat	None/SSC	None	Valley–foothill riparian, desert riparian, desert wash, and palm oasis habitats; below 2,000 feet above mean sea level; roosts in riparian and palms	Not expected to occur. No suitable habitats present.

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Dipodomys stephensi	Stephens' kangaroo rat	FT/ST	Covered	Annual and perennial grassland habitats, coastal scrub or sagebrush with sparse canopy cover, or in disturbed areas	Not expected to occur. No suitable habitats present. This species is not known to occur in sandy beach habitats; the disturbed areas within the study area are limited to artificial rip-rap near the beach and is not appropriate habitat for this species.
Eumops perotis californicus	western mastiff bat	None/SSC	None	Chaparral, coastal and desert scrub, coniferous and deciduous forest and woodland; roosts in crevices in rocky canyons and cliffs where the canyon or cliff is vertical or nearly vertical, trees, and tunnels	Not expected to occur. No suitable habitats present.
Leptonycteris yerbabuenae	lesser long-nosed bat	FPD/SSC	None	Sonoran desert scrub, semi-desert grasslands, lower oak woodlands	Not expected to occur. No suitable habitats present.
Lepus californicus bennettii	San Diego black-tailed jackrabbit	None/None	Covered	Arid habitats with open ground; grasslands, coastal scrub, agriculture, disturbed areas, and rangelands	Not expected to occur. No suitable habitats present.
Neotoma lepida intermedia	San Diego desert woodrat	None/SSC	None	Coastal scrub, desert scrub, chaparral, cacti, rocky areas	Not expected to occur. No suitable habitats present.
Nyctinomops femorosaccus	pocketed free-tailed bat	None/SSC	None	Pinyon–juniper woodlands, desert scrub, desert succulent shrub, desert riparian, desert wash, alkali desert scrub, Joshua tree, and palm oases; roosts in high cliffs or rock outcrops with drop-offs, caverns, and buildings	Not expected to occur. No suitable habitats present.
Perognathus longimembris pacificus	Pacific pocket mouse	FE/SSC	None	fine-grained sandy substrates in open coastal strand, coastal dunes, and river alluvium	Not expected to occur. No suitable habitats present.
Invertebrates					

Scientific Name	Common Name	Status (Federal/ State)	City of Oceanside Subarea Plan	Habitat	Potential to Occur
Bombus crotchii	Crotch bumble bee	None/SCE	None	Open grassland and scrub communities supporting suitable floral resources.	Not expected to occur. No suitable habitats present.
Branchinecta sandiegonensis	San Diego fairy shrimp	FE/None	None	Vernal pools, non-vegetated ephemeral pools	Not expected to occur. No suitable habitats present. Sandy beach habitat and open water (marine) do not support any type of vernal/ephemeral pool features.
Streptocephalus woottoni	Riverside fairy shrimp	FE/None	None	Vernal pools, non-vegetated ephemeral pools	Not expected to occur. No suitable habitats present. Sandy beach habitat and open water (marine) do not support any type of vernal/ephemeral pool features.
Tryonia imitator	mimic tryonia (=California brackishwater snail)	None/None	None	Inhabits coastal lagoons, estuaries, and saltmarshes, from Sonoma County south to San Diego County	Not expected to occur. No suitable habitats present.
Cicindela latesignata	western beach tiger beetle	None/None	None	Mudflats and beaches in coastal Southern California	Not expected to occur. No suitable habitats present.
Danaus plexippus plexippus pop. 1	monarch - California overwintering population	FC/None	None	Wind-protected tree groves with nectar sources and nearby water sources	Not expected to occur. No suitable habitats present.

Notes:

[1] Vicinity refers to USGS 7.5 geological quadrangles within and surrounding the project site: Morro Hill, Encinitas, San Luis Rey, San Onofre Bluff, Oceanside, Las Pulgas Canyon

FE: Federally Endangered
FT: Federally Threatened
FC: Federal Candidate
FDL: Federally Delisted
BCC: U.S. Fish and Wildlife Service Bird of Conservation Concern
BLM: Bureau of Land Management Sensitive Species
SSC: California Species of Special Concern
FP: California Fully Protected Species
WL: California Watch List Species
SE: State Endangered
ST: State Threatened
PSE: Proposed State Endangered

SDL: State Delisted

Determination Definitions

- **Present:** The species has been documented on the site by a reliable source or there are historic occurrences within the site boundary.
- **High potential to occur:** The species has not been documented on the site but has been observed within dispersal range of the site (or is within range and is highly mobile or cryptic – e.g., migratory avian species or legless lizard) and high-quality habitat is present.
- **Moderate potential to occur:** The species has not been documented on or within dispersal range of the site, but the site is within its known geographic range and moderate- to high-quality habitat is present. General rarity may be considered.
- **Low potential to occur:** The species has not been documented on or within dispersal range of the site, but the site is within its known (including potential historic) geographic range and low-quality habitat is present. Sometimes the species is extremely rare and we generally know where they occur, but have some uncertainty about their current range – *and this site isn't it*. Ask a senior biologist that is local to the site region; they may have the species knowledge to help you quickly assign a confident PTO determination.
- **Not expected to occur:** The site is outside the known geographic or elevational range of the species and/or the site does not provide habitat for the species.

References

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