

APPENDIX K
Biological Resource Tables

APPENDIX K

Biology Addendum

VASCULAR SPECIES

GYMNOSPERMS AND GNETOPHYTES

PINACEAE—PINE FAMILY

Pinus sp.—pine

MONOCOTS

ARECACEAE—PALM FAMILY

- * *Archontophoenix cunninghamiana*—queen palm
- * *Washingtonia robusta*—Washington fan palm

EUDICOTS

APOCYNACEAE—DOGBANE FAMILY

- * *Nerium oleander*—oleander

ARALIACEAE—GINSENG FAMILY

- * *Hedera helix*—English ivy

HAMAMELIDACEAE—WITCH HAZEL FAMILY

- * *Liquidambar* sp.—sweet gum

MYRTACEAE—MYRTLE FAMILY

- * *Eucalyptus* sp.—eucalyptus
- * *Eucalyptus sideroxylon*—red ironbark

ROSACEAE—ROSE FAMILY

- * *Eriobotrya deflexa*—bronze loquat
- * *Raphiolepis indica*—India hawthorn

SCROPHULARIACEAE—FIGWORT FAMILY

- * *Myoporum laetum*—myoporum

SIMAROUBACEAE—QUASSIA OR SIMAROUBA FAMILY

- * *Ailanthus altissima*—tree of heaven

ULMACEAE—ELM FAMILY

- * *Ulmus parvifolia*—Chinese elm

- * signifies introduced (non-native) species

APPENDIX K (Continued)

BIRD

Accipiter cooperii—Cooper's hawk

Bombycilla cedrorum—cedar waxwing

Corvus brachyrhynchos—American crow

Mimus polyglottos—northern mockingbird

Spinus psaltria—lesser goldfinch

Zenaida macroura—mourning dove

Haemorhous mexicanus—house finch

APPENDIX K (Continued)

Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Coastal bluff scrub, coastal dunes, coastal scrub; sandy or gravelly/ annual herb/ Mar–June/ 3-1001	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, coastal scrub, riparian forest, riparian scrub, riparian woodland; sandy, mesic/ perennial deciduous shrub/ (Feb) May–Sep/ 49-3002	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, cismontane woodland, coastal scrub; rocky/ perennial rhizomatous herb/ Feb–June/ 591-3281	Not expected to occur. No suitable habitat present.
Coastal bluff scrub, coastal dunes, coastal scrub, valley and foothill grassland; alkaline or clay/ perennial herb/ Mar–Oct/ 10-1509	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Coastal bluff scrub, coastal dunes, coastal scrub, playas/ annual herb/ Mar–Oct/ 0-459	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chenopod scrub, playas, vernal pools; alkaline/ annual herb/ June–Oct/ 82-6234	Not expected to occur. No suitable habitat present.
Coastal bluff scrub, coastal scrub; alkaline/ annual herb/ Apr–Oct/ 33-656	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral (openings), cismontane woodland, coastal scrub, playas, valley and foothill grassland, vernal pools; often clay/ perennial bulbiferous herb/ Mar–June/ 82-3675	Not expected to occur. No suitable habitat present.
Chaparral, cismontane woodland, coastal scrub, valley and foothill grassland/ perennial bulbiferous herb/ (Feb) Mar–June/ 49-2297	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, coastal scrub, valley and foothill grassland; rocky, calcareous/ perennial bulbiferous herb/ May–July/ 344-2805	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Coastal bluff scrub, cismontane woodland, coastal dunes, coastal scrub, valley and foothill grassland; sandy or clay/ annual herb/ Mar–May (June)/ 0-984	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, coastal scrub; sandy, granitic/ annual herb/ (Feb) Mar–May (June)/ 295-7218	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Marshes and swamps (margins), valley and foothill grassland (vernally mesic), vernal pools/ annual herb/ May–Nov/ 0-1575	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Coastal bluff scrub (sandy), coastal dunes/ annual herb/ Jan–Aug/ 0-328	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, coastal scrub, lower montane coniferous forest; alluvial fan, granitic/ annual herb/ May–Aug/ 984-6234	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, coastal scrub, meadows and seeps, valley and foothill grassland, vernal pools; often clay/ annual herb/ Apr–July/ 98-5020	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Coastal bluff scrub, coastal scrub, valley and foothill grassland; sandy/ annual herb/ (Feb) Mar–June (Aug)/ 16-984	Not expected to occur. No suitable habitat present.

APPENDIX K (Continued)

Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Chaparral, cismontane woodland, coastal scrub, riparian woodland, valley and foothill grassland; rocky, gabbroic, or metavolcanic/ perennial shrub/ Mar–July/ 394-3527	Not expected to occur. No suitable habitat present.
Chaparral, cismontane woodland/ perennial evergreen shrub/ Apr–June/ 98-2592	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral (openings), coastal scrub, valley and foothill grassland; clay, serpentinite seeps/ annual herb/ Mar–July/ 98-2297	Not expected to occur. No suitable habitat present.
Coastal scrub, valley and foothill grassland, vernal pools; usually vernal mesic, sometimes sandy/ annual herb/ Apr–Nov/ 82-3084	Not expected to occur. No suitable habitat present.
Chaparral, cismontane woodland, coastal scrub, valley and foothill grassland/ perennial rhizomatous herb/ (Jan) Mar–July/ 164-1640	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, cismontane woodland, coastal scrub (alluvial fan); sandy/ annual herb/ Apr–June/ 656-2493	Not expected to occur. No suitable habitat present.
Coastal bluff scrub, chaparral, coastal scrub, valley and foothill grassland; rocky, often clay or serpentinite/ perennial herb/ Apr–June/ 16-1476	Not expected to occur. No suitable habitat present.
Chaparral, coastal scrub; volcanic or sedimentary, rocky/ perennial herb/ Mar–June/ 492-5495	Not expected to occur. No suitable habitat present.
Chaparral, coastal scrub, valley and foothill grassland; often clay/ perennial herb/ Apr–July/ 49-2592	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, cismontane woodland, coastal scrub, valley and foothill grassland; rocky/ perennial stoloniferous herb/ May–July/ 33-853	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Coastal bluff scrub, chaparral, cismontane woodland, coastal scrub; rocky/ perennial herb/ May–June/ 33-1804	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Coastal bluff scrub, valley and foothill grassland, vernal pools; clay, vernal mesic/ perennial herb/ Apr–June (July)/ 49-361	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Coastal bluff scrub, coastal scrub, Mojavean desert scrub; rocky/ perennial shrub/ Dec–Aug (Oct)/ 33-1640	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, coastal scrub, valley and foothill grassland; clay/ annual herb/ Mar–May/ 66-3133	Not expected to occur. No suitable habitat present.
Marshes and swamps (coastal salt and freshwater)/ perennial rhizomatous herb/ Aug–Oct/ 33-5495	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Closed-cone coniferous forest, chaparral; clay, gabbroic or metavolcanic/ perennial evergreen tree/ N.A./ 262-4921	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Coastal dunes, coastal scrub, valley and foothill grassland (saline flats and depressions), vernal pools/ annual herb/ Mar–June/ 16-3281	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral (maritime), cismontane woodland, coastal scrub; sandy or gravelly/ perennial herb/ Feb–July (Sep)/ 230-2657	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.

APPENDIX K (Continued)

Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Chaparral, coastal scrub, Mojavean desert scrub, meadows and seeps (often alkali), riparian scrub; mesic/ perennial rhizomatous herb/ Sep-May/ 0-3986	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, coastal scrub (sandy, often in disturbed areas)/ perennial shrub/ Apr-Nov/ 33-443	Not expected to occur. No suitable habitat present.
Marshes and swamps (coastal salt), playas, vernal pools/ annual herb/ Feb-June/ 3-4003	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Closed-cone coniferous forest, chaparral, cismontane woodland/ perennial shrub/ Apr-July/ 1706-4495	Not expected to occur. No suitable habitat present.
Chaparral, coastal scrub/ annual herb/ Jan-July/ 3-2904	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Coastal bluff scrub, coastal scrub/ perennial deciduous shrub/ June (Aug)/ -213-984	Not expected to occur. No suitable habitat present.
Coastal bluff scrub, coastal scrub/ perennial shrub/ (Dec) Mar-Aug/ 16-492	Not expected to occur. No suitable habitat present.
Coastal bluff scrub, coastal scrub/ perennial rhizomatous herb/ Mar-Sep/ 10-656	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Cismontane woodland, coastal scrub, valley and foothill grassland, vernal pools; clay/ annual herb/ Mar-May/ 49-3510	Not expected to occur. No suitable habitat present.
Chaparral, cismontane woodland, lower montane coniferous forest; gabbroic, often in disturbed areas, openings, rocky/ perennial rhizomatous herb/ Apr-July/ 1476-6562	Not expected to occur. No suitable habitat present.
Chaparral, lower montane coniferous forest; sandy or gravelly/ annual herb/ Apr-June/ 4003-6004	Not expected to occur. No suitable habitat present.
Chaparral, cismontane woodland, lower montane coniferous forest (sometimes); usually understory/ perennial rhizomatous herb/ Apr-Sep/ 1312-4101	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, cismontane woodland/ perennial rhizomatous herb/ June-Aug/ 984-5167	Not expected to occur. No suitable habitat present.
Broadleafed upland forest, chaparral, cismontane woodland, lower montane coniferous forest, valley and foothill grassland/ perennial rhizomatous herb/ June-Oct/ 2395-7201	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Valley and foothill grassland, vernal pools (alkaline)/ annual herb/ Mar-June/ 66-2100	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Marshes and swamps (lake margins, riverbanks)/ annual / perennial herb/ Jan-July/ 16-1640	Not expected to occur. No suitable habitat present.
Coastal scrub, meadows and seeps, valley and foothill grassland (alkaline), vernal pools; mesic/ annual herb/ Apr-July/ 10-3970	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, coastal scrub; sandstone or gabbro/ perennial evergreen shrub/ (Mar) May-July/ 459-4183	Not expected to occur. No suitable habitat present.
Coastal scrub (openings), valley and foothill grassland/ annual herb/ Mar-June/ 246-1706	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Closed-cone coniferous forest, chaparral/ annual herb/ May-June/ 1788-5249	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.

APPENDIX K (Continued)

Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Chaparral, coastal dunes, coastal scrub, marshes and swamps (coastal salt); sandy, sometimes rocky/ perennial herb/ Mar–Aug/ 16-984	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, cismontane woodland, valley and foothill grassland/ perennial herb/ Mar–June/ 49-5200	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Cismontane woodland, lower montane coniferous forest, upper montane coniferous forest/ perennial herb/ May–July/ 1247-7300	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, cismontane woodland, riparian woodland/ perennial deciduous shrub/ May–Aug/ 328-3281	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, cismontane woodland, coastal scrub, riparian woodland; sandy, gravelly/ perennial herb/ (July) Aug–Nov (Dec)/ 0-6890	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Closed-cone coniferous forest, chaparral, coastal scrub; sandy, clay loam/ perennial evergreen shrub/ Feb–Apr (Aug)/ 49-1312	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, coastal scrub; often in burns/ perennial rhizomatous herb/ Mar–July/ 66-3937	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, cismontane woodland, coastal scrub; sometimes alkaline/ annual herb/ Jan–Apr/ 49-2625	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, coastal scrub, lower montane coniferous forest, Mojavean desert scrub, playas; alkaline, mesic/ perennial herb/ Mar–June/ 49-5020	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Marshes and swamps (coastal salt)/ perennial herb/ May–Oct (Jan)/ 0-16	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Coastal bluff scrub, coastal dunes, marshes and swamps (margins of coastal salt)/ perennial evergreen shrub/ Jan–Dec/ 0-164	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Cismontane woodland, coastal scrub, lower montane coniferous forest, meadows and seeps, marshes and swamps, valley and foothill grassland (vernally mesic); near ditches, streams, springs/ perennial rhizomatous herb/ July–Nov/ 7-6693	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral, coastal scrub/ perennial deciduous shrub/ Apr–May/ 541-3281	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.
Chaparral (maritime), coastal scrub/ perennial herb/ Apr–July/ 148-673	Not expected to occur. No suitable habitat present.
Chaparral, coastal scrub/ perennial shrub/ Feb–June (Aug)/ 197-2461	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable habitat present.

APPENDIX K (Continued)

Row Labels	Common Name	Status (Federal/State)	Habitat	Potential to Occur
<i>Amphibians</i>				
<i>Anaxyrus californicus</i>	arroyo toad	FE/SSC	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 habitat present.
<i>Spea hammondi</i>	western spadefoot	None/SSC	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 habitat present.
<i>Taricha torosa</i> (Monterey Co. south only)	California newt	None/SSC (Monterey Co south)	Wet forests, oak forests, chaparral, and rolling grassland	Not expected to occur. No suitable habitat present.
<i>Reptiles</i>				
<i>Actinemys marmorata</i>	western pond turtle	None/SSC	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. The site is outside of the species' known geographic range and there is no suitable habitat present.
<i>Aspidoscelis hyperythra</i>	orangethroat whiptail	None/SSC	Low-elevation coastal scrub, chaparral, and valley-foothill hardwood	Not expected to occur. No suitable habitat present.
<i>Aspidoscelis tigris stejnegeri</i>	San Diegan tiger whiptail	None/None	Open areas in semiarid grasslands, scrublands, and woodlands	Not expected to occur. No suitable habitat present.
<i>Crotalus ruber</i>	red diamondback rattlesnake	None/SSC	Coastal scrub, chaparral, oak and pine woodlands, rocky grasslands, cultivated areas, and desert flats	Not expected to occur. No suitable habitat present.
<i>Lampropeltis zonata</i> (pulchra)	California mountain kingsnake (San Diego population)	None/SSC	Habitat generalist found in habitats including conifer forest, oak-pine woodlands, riparian woodland, chaparral, manzanita, and coastal scrub	Not expected to occur. No suitable habitat present.
<i>Lichanura trivirgata</i>	rosy boa	None/None	Desert and chaparral habitats with rocky soils in coastal canyons and hillsides, desert canyons, washes, and mountains	Not expected to occur. The site is outside of the species' known geographic range and there is no suitable habitat present.

APPENDIX K (Continued)

Row Labels	Common Name	Status (Federal/State)	Habitat	Potential to Occur
<i>Phrynosoma blainvillii</i>	Blainville's horned lizard	None/SSC	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 habitat present.
<i>Plestiodon skiltonianus interparietalis</i>	Coronado Island skink	None/SSC	Woodlands, grasslands, pine forests, and chaparral; rocky areas near water	Not expected to occur. No suitable habitat present.
<i>Salvadora hexalepis virgulata</i>	coast patch-nosed snake	None/SSC	Brushy or shrubby vegetation; requires small mammal burrows for refuge and overwintering sites	Not expected to occur. No suitable habitat present.
<i>Thamnophis hammondi</i>	two-striped gartersnake	None/SSC	Streams, creeks, pools, streams with rocky beds, ponds, lakes, vernal pools	Not expected to occur. No suitable habitat present.
<i>Birds</i>				
<i>Accipiter cooperii</i> (nesting)	Cooper's hawk	None/WL	Nests and forages in dense stands of live oak, riparian woodlands, or other woodland habitats often near water	Observed on site. However, species not expected to nest within the study area.
<i>Agelaius tricolor</i> (nesting colony)	tricolored blackbird	BCC/SSC	Nests near freshwater, emergent wetland with cattails or tules, but also in Himalayan blackberry; forages in grasslands, woodland, and agriculture	Not expected to occur. No suitable habitat present.
<i>Aimophila ruficeps canescens</i>	southern California rufous-crowned sparrow	None/WL	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 habitat present.
<i>Ammodramus savannarum</i> (nesting)	grasshopper sparrow	None/SSC	Nests and forages in moderately open grassland with tall forbs or scattered shrubs used for perches	Not expected to occur. No suitable habitat present.
<i>Aquila chrysaetos</i> (nesting and wintering)	golden eagle	BCC/FP, WL	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 habitat present.
<i>Asio otus</i> (nesting)	long-eared owl	None/SSC	Nests in riparian habitat; live oak thickets, other dense stands of trees, edges of coniferous forest; forages in nearby open habitats	Not expected to occur. No suitable habitat present.
<i>Athene cucularia</i> (burrow sites and some wintering sites)	burrowing owl	BCC/SSC	Nests and forages in grassland, open scrub, and agriculture, particularly with ground squirrel burrows	Not expected to occur. No suitable habitat present.
<i>Buteo regalis</i> (wintering)	ferruginous hawk	BCC/WL	Winters and forages in open, dry country, grasslands, open fields, agriculture	Not expected to occur. No suitable habitat present.

APPENDIX K (Continued)

Row Labels	Common Name	Status (Federal/State)	Habitat	Potential to Occur
<i>Campylorhynchus brunneicapillus sandiegensis</i> (San Diego and Orange Counties only)	coastal cactus wren	BCC/SSC	Southern cactus scrub patches	Not expected to occur. No suitable habitat present.
<i>Circus cyaneus</i> (nesting)	northern harrier	None/SSC	Nests in open wetlands including marshy meadows, wet lightly-grazed pastures, old fields, freshwater and brackish marshes, but also in drier habitats such as grassland and grain fields; forages in variety of habitats, including grassland, scrubs, rangelands, emergent wetlands, and other open habitats	Not expected to occur. No suitable habitat present.
<i>Coccyzus americanus occidentalis</i> (nesting)	western yellow-billed cuckoo	FT, BCC/SE	Nests in dense, wide riparian woodlands and forest with well-developed understories	Not expected to occur. No suitable habitat present.
<i>Elanus leucurus</i> (nesting)	white-tailed kite	None/FP	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 habitat present.
<i>Empidonax traillii eximius</i> (nesting)	southwestern willow flycatcher	FE/SE	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 habitat present.
<i>Eremophila alpestris actia</i>	California horned lark	None/WL	Nests and forages in grasslands, disturbed lands, agriculture, and beaches; nests in alpine fell fields of the Sierra Nevada	Not expected to occur. No suitable habitat present.
<i>Icteria virens</i> (nesting)	yellow-breasted chat	None/SSC	Nests and forages in dense, relatively wide riparian woodlands and thickets of willows, vine tangles, and dense brush	Not expected to occur. No suitable habitat present.
<i>Laterallus jamaicensis coturniculus</i>	California black rail	BCC/ST, FP	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 habitat present.
<i>Passerculus sandwichensis beldingi</i>	Belding's savannah sparrow	None/SE	Nests and forages in coastal saltmarsh dominated by pickleweed (<i>Salicornia</i> spp.)	Not expected to occur. No suitable habitat present.
<i>Polioptila californica californica</i>	coastal California gnatcatcher	FT/SSC	Nests and forages in various sage scrub communities, often dominated by California 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	Not expected to occur. No suitable habitat present.
<i>Rallus obsoletus levipes</i>	Ridgway's rail	FE/SE, FP	Coastal wetlands, brackish areas, coastal saline emergent wetlands	Not expected to occur. No suitable habitat present.

APPENDIX K (Continued)

Row Labels	Common Name	Status (Federal/State)	Habitat	Potential to Occur
<i>Sternula antillarum browni</i> (nesting colony)	California least tern	FE/SE, FP	Forages in shallow estuaries and lagoons; nests on sandy beaches or exposed tidal flats	Not expected to occur. No suitable habitat present.
<i>Vireo bellii pusillus</i> (nesting)	least Bell's vireo	FE/SE	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 habitat present.
<i>Fishes</i>				
<i>Eucyclogobius newberryi</i>	tidewater goby	FE/SSC	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 habitat present.
<i>Gila orcuttii</i>	arroyo chub	None/SSC	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 habitat present.
<i>Oncorhynchus mykiss irideus</i>	southern steelhead - southern California DPS	FE/SSC	Clean, clear, cool, well-oxygenated streams; needs relatively deep pools in migration and gravelly substrate to spawn	Not expected to occur. No suitable habitat present.
	steelhead - central California coast DPS	FT/None	Coastal basins from Redwood Creek south to the Gualala River, inclusive; does not include summer-run steelhead	Not expected to occur. No suitable habitat present.
	steelhead - Central Valley DPS	FT/None	Coastal basins from Redwood Creek south to the Gualala River, inclusive; does not include summer-run steelhead	Not expected to occur. No suitable habitat present.
	steelhead - northern California DPS	FT/SSC	Coastal basins from Redwood Creek south to the Gualala River, inclusive; does not include summer-run steelhead	Not expected to occur. No suitable habitat present.
	steelhead - south/central California coast DPS	FT/SSC	Coastal basins from Redwood Creek south to the Gualala River, inclusive; does not include summer-run steelhead	Not expected to occur. No suitable habitat present.
	summer-run steelhead trout	None/SSC	Coastal basins from Redwood Creek south to the Gualala River, inclusive; does not include summer-run steelhead	Not expected to occur. No suitable habitat present.

APPENDIX K (Continued)

Row Labels	Common Name	Status (Federal/State)	Habitat	Potential to Occur
<i>Rhinichthys osculus</i> ssp. 3	Santa Ana speckled dace	None/SSC	Headwaters of the Santa Ana and San Gabriel rivers. May be extirpated from the Los Angeles River system.	Not expected to occur. The site is outside of the species' known geographic range and there is no suitable habitat present.
<i>Mammals</i>				
<i>Antrozous pallidus</i>	pallid bat	None/SSC	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 habitat present.
<i>Chaetodipus californicus femoralis</i>	Dulzura pocket mouse	None/SSC	Open habitat, coastal scrub, chaparral, oak woodland, chamise chaparral, mixed-conifer habitats; disturbance specialist; 0 to 3,000 feet above mean sea level	Not expected to occur. No suitable habitat present.
<i>Chaetodipus fallax fallax</i>	northwestern San Diego pocket mouse	None/SSC	Coastal scrub, mixed chaparral, sagebrush, desert wash, desert scrub, desert succulent shrub, pinyon-juniper, and annual grassland	Not expected to occur. No suitable habitat present.
<i>Choeronycteris mexicana</i>	Mexican long-tongued bat	None/SSC	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 habitat present.
<i>Dipodomys stephensi</i>	Stephens' kangaroo rat	FE/ST	Annual and perennial grassland habitats; coastal scrub or sagebrush with sparse canopy cover, or in disturbed areas	Not expected to occur. No suitable habitat present.
<i>Eumops perotis californicus</i>	western mastiff bat	None/SSC	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 habitat present.
<i>Lasiurus blossevillii</i>	western red bat	None/SSC	Forest, woodland, riparian, mesquite bosque, and orchards, including fig, apricot, peach, pear, almond, walnut, and orange; roosts in tree canopy	Not expected to occur. No suitable habitat present.
<i>Myotis yumanensis</i>	Yuma myotis	None/None	Riparian, arid scrublands and deserts, and forests associated with water (streams, rivers, tinajas); roosts in bridges, buildings, cliff crevices, caves, mines, and trees	Not expected to occur. No suitable habitat present.
<i>Neotoma lepida intermedia</i>	San Diego desert woodrat	None/SSC	Coastal scrub, desert scrub, chaparral, cacti, rocky areas	Not expected to occur. No suitable habitat present.
<i>Nyctinomops femorosaccus</i>	pocketed free-tailed bat	None/SSC	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 dropoffs, caverns, and buildings	Not expected to occur. No suitable habitat present.

APPENDIX K (Continued)

Row Labels	Common Name	Status (Federal/State)	Habitat	Potential to Occur
<i>Nyctinomops macrotis</i>	big free-tailed bat	None/SSC	Rocky areas; roosts in caves, holes in trees, buildings, and crevices on cliffs and rocky outcrops; forages over water	Not expected to occur. No suitable habitat present.
<i>Perognathus longimembris pacificus</i>	Pacific pocket mouse	FE/SSC	Fine-grained sandy substrates in open coastal strand, coastal dunes, and river alluvium	Not expected to occur. No suitable habitat present.
<i>Sorex ornatus salicornicus</i>	southern California saltmarsh shrew	None/SSC	Saltmarsh, salt grass, dense willow, bulrush	Not expected to occur. The site is outside of the species' known geographic range and there is no suitable habitat present.
<i>Taxidea taxus</i>	American badger	None/SSC	Dry, open, treeless areas; grasslands, coastal scrub, agriculture, and pastures, especially with friable soils	Not expected to occur. No suitable habitat present.
<i>Invertebrates</i>				
<i>Branchinecta sandiegonensis</i>	San Diego fairy shrimp	FE/None	Vernal pools, non-vegetated ephemeral pools	Not expected to occur. No suitable habitat present.
<i>Coelus globosus</i>	globose dune beetle	None/None	Inhabitant of coastal sand dune habitat; erratically distributed from Ten Mile Creek in Mendocino County south to Ensenada, Mexico	Not expected to occur. No suitable habitat present.
<i>Danaus plexippus</i>	monarch	None/None	Wind-protected tree groves with nectar sources and nearby water sources	Not expected to occur. No suitable habitat present.
<i>Streptocephalus wooffoni</i>	Riverside fairy shrimp	FE/None	Vernal pools, non-vegetated ephemeral pools	Not expected to occur. No suitable habitat present.
<i>Tryonia imitator</i>	mimic tryonia (=California brackishwater snail)	None/None	Inhabits coastal lagoons, estuaries, and saltmarshes, from Sonoma County south to San Diego County	Not expected to occur. No suitable habitat present.