

Appendix C

Biological Resources



SPECIAL STATUS PLANT POTENTIAL TO OCCUR

Common Name Scientific Name	Federal ESA Status	State ESA Status	CRPR 1	Preferred Habitat	Potential to Occur within the Project Area	Potential to Occur at 9 Project Sites
Abrams' oxytheca <i>Acanthoscyphus parishii</i> var. <i>abramsii</i>	None	None	1B.2	Chaparral (sandy, shale). Elevation range: 3750 - 6750 feet.	<i>Low to moderate.</i> Of the 4 observations of this species in the County, the most recent CNDDB observation of this species was recorded in 1976.	All priority areas. Not expected. None of the priority areas are within the known elevation range for this species.
Hoover's bent grass <i>Agrostis hooveri</i>	None	None	1B.2	Closed-cone coniferous forest, chaparral, cismontane woodland, valley and foothill grassland. Elevation range: 20 - 2000 feet.	<i>High.</i> There are 12 observations of this species in the CNDDB record. The most recent observation of this species was recorded in 2013.	Guadalupe. Moderate. Located approximately 7.8 miles from species occurrence. Suitable habitat may be present. Casmalia. High. Occurrence within priority area. Suitable habitat may be present. East of Santa Maria. High. Located adjacent to species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. Not expected. Outside of known elevation range. Los Alamos. High. Located approximately 3.9 miles from species occurrence. Suitable habitat may be present. Los Olivos. High. Occurrence within priority area. Suitable habitat may be present. Jonata Park. High. Located approximately 1.5 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. High. Occurrence within priority area. Suitable habitat may be present. Refugio Canyon. Moderate. Located approximately 8.1 miles from species occurrence. Suitable habitat may be present.
Mt. Pinos onion <i>Allium howellii</i> var. <i>clokeyi</i>	None	None	1B.3	Great Basin scrub, meadows and seeps (edges), pinyon and juniper woodland. Elevation range: 4265 - 6070 feet.	<i>Low to moderate.</i> Of the 2 observations of this species in the County, the most recent CNDDB observation of this species was recorded in 1996.	All priority areas. Not expected. None of the priority areas are within the known elevation range for this species.

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Santa Ynez groundstar <i>Ancistrocarphus keilii</i>	None	None	1B.1	Chaparral, cismontane woodland. Sandy soils. Elevation range: 130 - 425 feet.	<i>Low to moderate.</i> Of the 2 observations of this species in the County, the most recent CNDDB observation of this species was recorded in 1995.	Guadalupe. <i>Not expected.</i> Located approximately 15.4 miles from species occurrence. No suitable habitat present. Casmalia. <i>Low.</i> Occurrence 7.5 miles from species occurrence. Limited suitable habitat may be present. East of Santa Maria. <i>Low.</i> Located approximately 9.1 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range. Los Alamos. <i>Moderate.</i> Located approximately 2.1 miles from species occurrence. Limited suitable habitat may be present. Los Olivos. <i>Moderate.</i> Occurrence 7.0 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>High.</i> Occurrence 1.2 miles from species observation. Suitable habitat may be present. Hwy 246 Corridor. <i>High.</i> Occurrence within priority area. Suitable habitat may be present. Refugio Canyon. <i>Moderate.</i> Located approximately 10.7 miles from species occurrence. Suitable habitat may be present.
aphanisma <i>Aphanisma blitoides</i>	None	None	1B.2	Coastal bluff scrub, coastal dunes, coastal scrub. Elevation range: 5 – 1,000 feet.	<i>Moderate to high.</i> Of the 10 occurrences of this species in the County, the most recent was recorded in 2010. Most of the observations have been on the Channel Islands, with only two observations in Casmalia Hills along the coast.	Guadalupe. <i>Not expected.</i> Located approximately 5.1 miles from species occurrence. No suitable habitat present. Casmalia. <i>Moderate.</i> Located approximately 4.8 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Low.</i> Located approximately 17.0 miles from species occurrence. Limited suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Located outside of elevation range. All other priority areas. <i>Not expected.</i> All other priority areas are located at least 20 miles from the known occurrences.
Santa Rosa Island manzanita <i>Arctostaphylos confertiflora</i>	FE	None	1B.2	Broadleafed upland forest, chaparral, closed- cone coniferous forest. On outcrops, rocky slopes and ridges on Monterey shale. Elevation range: 130 - 1640 feet.	<i>Moderate to high.</i> Four occurrences of this species have been recorded on Santa Rosa Island East. The most recent observation was recorded in 2006.	All priority areas. <i>Not expected.</i> All known occurrences of this species are located on the Channel Islands.

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Eastwood's brittle- leaf manzanita <i>Arctostaphylos crustacea</i> ssp. <i>eastwoodiana</i>	None	None	1B.1	Chaparral (maritime, sandy). In maritime chaparral on sandy soils, in the La Purisima Ridge, Burton Mesa, and Point Sal areas. Elevation range: 295 - 1200 feet.	<i>Low.</i> There are 3 observations of this species in the CNDDDB record. The most recent observation of this species was recorded in 1989.	Guadalupe. <i>Not expected.</i> Outside of known elevation range. Casmalia. <i>Low.</i> Located approximately 14.3 miles from species observation. Limited suitable habitat may be present. East of Santa Maria. <i>Low.</i> Located approximately 19.6 miles from species observation. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range. Los Alamos. <i>Not expected.</i> Located approximately 14.2 miles from species observation. No suitable habitat present. Los Olivos. <i>Not expected.</i> Located approximately 22.5 miles from species observation. Suitable habitat may be present. Jonata Park. <i>Not expected.</i> Located approximately 15.0 miles from species observation. No suitable habitat present. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 3.5 miles from species observation. Limited suitable habitat may be present. Refugio Canyon. <i>Not expected.</i> Located approximately 23.1 miles from species observation. Suitable habitat may be present.
San Gabriel manzanita <i>Arctostaphylos glandulosa</i> ssp. <i>gabrielensis</i>	None	None	1B.2	Chaparral (rocky). Rocky outcrops; can be dominant shrub where it occurs. Elevation range: 1950 - 4920 feet.	<i>Moderate.</i> There are 5 known occurrences of this species within the County, all of which were recorded in 1992.	East of Santa Maria. <i>Low.</i> Located approximately 11.9 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Located approximately 7.2 miles from species occurrence. No suitable habitat is present. Refugio Canyon. <i>Not expected.</i> Located approximately 27.7 miles from species occurrence. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Outside of known elevation range.

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La Purisima manzanita <i>Arctostaphylos purissima</i>	None	None	1B.1	Chaparral (sandy), coastal scrub. Sandstone outcrops, sandy soil. Elevation range: 195 - 1280 feet.	<i>Moderate.</i> There are 41 known occurrences of this species within the County. Of these, the most recent was recorded in 2016.	Guadalupe. <i>Not expected.</i> Outside of known elevation range. Casmalia. <i>Moderate.</i> Located adjacent to known occurrence. Extremely limited suitable habitat may be present. East of Santa Maria. <i>High.</i> Located adjacent to known occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range. Los Alamos. <i>Moderate.</i> Located approximately 3.9 miles from species occurrence. Suitable habitat may be present. Los Olivos. <i>Low.</i> Located approximately 10.0 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>Moderate.</i> Located approximately 4.5 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>Moderate.</i> Occurrence within priority area. Extremely limited suitable habitat may be present. Refugio Canyon. <i>Moderate.</i> Located approximately 6.0 miles from species occurrence. Suitable habitat may be present.
Refugio manzanita <i>Arctostaphylos refugioensis</i>	None	None	1B.2	Chaparral (sandstone). Elevation range: 900 - 2690 feet.	<i>Moderate.</i> There are 27 known occurrences of this species within the County. Of these, the most recent was recorded in 2016.	Guadalupe. <i>Not expected.</i> Outside of known elevation range. Casmalia. <i>Not expected.</i> Outside of known elevation range. East of Santa Maria. <i>High.</i> Located approximately 2.6 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Located approximately 36.2 miles from species occurrence. Los Alamos. <i>Not expected.</i> Outside of known elevation range. Los Olivos. <i>Low.</i> Located approximately 17.0 miles from known occurrence. Suitable habitat may be present. Jonata Park. <i>Not expected.</i> Located approximately 12.1 miles from known occurrence. No suitable habitat present. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 1.5 miles from known occurrence. Extremely limited suitable habitat may be present. Refugio Canyon. <i>High.</i> Occurrence within priority area. Suitable habitat may be present.

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sand mesa manzanita <i>Arctostaphylos rudis</i>	None	None	1B.2	Chaparral (maritime), coastal scrub. On sandy soils in Lompoc/Nipomo area. Elevation range: 80 - 1055 feet.	<i>High.</i> There are 24 known occurrences of this species within the County. Of these, the most recent was recorded in 2013.	Guadalupe. <i>Not expected.</i> Located approximately 2.7 miles from known occurrence. No suitable habitat present. Casmalia. <i>High.</i> Located adjacent to known occurrence. Limited suitable habitat may be present. East of Santa Maria. <i>High.</i> Located adjacent to known occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range. Los Alamos. <i>Moderate.</i> Located approximately 4.0 miles from known occurrence. Suitable habitat may be present. Los Olivos. <i>Low.</i> Located approximately 12.3 miles from known occurrence. Suitable habitat may be present. Jonata Park. <i>Moderate.</i> Located approximately 7.8 miles from known occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>High.</i> Occurrence within priority area. Suitable habitat may be present. Refugio Canyon. <i>Low.</i> Located approximately 17.3 miles from known occurrence. Suitable habitat may be present.
Miles' milk-vetch <i>Astragalus didymocarpus</i> var. <i>milesianus</i>	None	None	1B.2	Coastal scrub (clay). Elevation range: 65 - 295 feet.	<i>Moderate.</i> There are 5 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 1961.	Guadalupe. <i>Not expected.</i> Located approximately 19.5 miles from species occurrence. No suitable habitat present. Casmalia. <i>Low.</i> Located approximately 12.8 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>High.</i> Located adjacent to known occurrence. Suitable habitat may be present. Refugio Canyon. <i>Moderate.</i> Located approximately 5.3 miles from known occurrence. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Outside of known elevation range.

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Ventura marsh milk-vetch <i>Astragalus pycnostachyus</i> var. <i>lanosissimus</i>	FE	SE	1B.1	Coastal dunes, coastal scrub, marshes and swamps (edges, coastal salt, brackish). Elevation range: 5-115 feet.	<i>Moderate.</i> There are no known CNDDB occurrences of this species within the County. This species range extends north to Montecito due to restoration efforts at the UCSB North Campus Open Space. The UCSB populations of this species are north of its historic range and were established at this site in anticipation of climate change impacts.	All priority areas. <i>Not expected.</i> All known occurrences of this species are located at least 39.5 miles from priority areas.
Trask's milk-vetch <i>Astragalus traskiae</i>	None	SR	1B.2	Coastal bluff scrub, coastal dunes, coastal scrub. Sandy, windswept ocean bluffs, gullied banks, and coastal dunes. Elevation range: 15 - 805 feet.	<i>Low to moderate.</i> There are only 3 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 1989.	All priority areas. <i>Not expected.</i> All known occurrences of this species are located on the Channel Islands.
Coulter's saltbush <i>Atriplex coulteri</i>	None	None	1B.2	Coastal bluff scrub, coastal dunes, coastal scrub, valley and foothill grassland. Ocean bluffs, ridgetops, as well as alkaline low places. Alkaline or clay soils. Elevation range: 10 - 1510 feet.	<i>Moderate.</i> There are 34 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2015.	Jonata Park. <i>Low.</i> Located approximately 17.6 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 10.1 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Moderate.</i> Located approximately 11.9 miles from species occurrence. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Located at least 20 miles from species occurrences.

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south coast saltscale <i>Atriplex pacifica</i>	None	None	1B.2	Coastal bluff scrub, coastal dunes, coastal scrub, playas. Alkali soils. Elevation range: 0 - 460 feet.	<i>Moderate.</i> There are 7 known occurrences of this species within the County. Of these, the most recent observation was recorded in 1996.	Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range. No suitable habitat present. Los Alamos. <i>Not expected.</i> Outside of known elevation range. Los Olivos. <i>Not expected.</i> Outside of known elevation range. Jonata Park. <i>Not expected.</i> Outside of known elevation range. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 10.1 miles from known observation. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> All other priority areas are located at least 20 miles from species observation.
Davidson's saltscale <i>Atriplex serenana</i> var. <i>davidsonii</i>	None	None	1B.2	Coastal bluff scrub, coastal scrub. Alkaline soils. Elevation range: 35 - 655 feet.	<i>Moderate.</i> There are 5 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2009.	Guadalupe. <i>Not expected.</i> Located approximately 27.3 miles from known occurrence. No suitable habitat present. Casmalia. <i>Not expected.</i> Located approximately 21.2 miles from known occurrence. Limited suitable habitat may be present. East of Santa Maria. <i>Low.</i> Located approximately 10.5 miles from known occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range. Los Alamos. <i>High.</i> Located approximately 4.9 miles from known occurrence. Suitable habitat may be present. Los Olivos. <i>High.</i> Located approximately 1.3 miles from known occurrence. Suitable habitat may be present. Jonata Park. <i>High.</i> Located approximately 2.6 miles from known occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 5.1 miles from known occurrence. Suitable habitat may be present. Refugio Canyon. <i>Low.</i> Located approximately 11.0 miles from known occurrence. Suitable habitat may be present.
island barberry <i>Berberis pinnata</i> ssp. <i>insularis</i>	FE	SE	1B.2	Chaparral, cismontane woodland, closed-cone coniferous forest, coastal scrub. Moist, shaded canyons; usually assoc w/dense understory of trees and shrubs. Elevation range: 245 - 1310 feet.	<i>Moderate.</i> There are 7 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2008.	All priority areas. <i>Not expected.</i> All known occurrences of this species are located on the Channel Islands.

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Hoffmann's rockcress <i>Boechera hoffmannii</i>	FE	None	1B.1	Chaparral, coastal bluff scrub, coastal scrub. Volcanic cliff edges. Elevation range: 195 - 1295 feet.	<i>Moderate.</i> There are 6 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2007.	All priority areas. <i>Not expected.</i> All known occurrences of this species are located on the Channel Islands.
late-flowered mariposa-lily <i>Calochortus fimbriatus</i>	None	None	1B.3	Chaparral, cismontane woodland, riparian woodland. Dry, open coastal woodland, chaparral; on serpentine. Elevation range: 900 - 6250 feet.	<i>High.</i> There are 49 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2017.	Guadalupe. <i>Not expected.</i> Outside of known elevation range. Casmalia. <i>Not expected.</i> Outside of known elevation range. East of Santa Maria. <i>Not expected.</i> Located at least 20 miles from known occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Located at least 20 miles from known occurrence. Extremely limited suitable habitat may be present. Los Alamos. <i>Low.</i> Located approximately 13.8 miles from species occurrence. Extremely limited suitable habitat may be present. Los Olivos. <i>Moderate.</i> Located approximately 8.3 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>Moderate.</i> Located approximately 8.2 miles from species occurrence. Limited suitable habitat may be present. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 5.4 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>High.</i> Occurrence within priority area. Suitable habitat may be present.
Palmer's mariposa- lily <i>Calochortus palmeri</i> var. <i>palmeri</i>	None	None	1B.2	Chaparral, lower montane coniferous forest, meadows and seeps. Vernally moist places in yellow-pine forest, chaparral. Elevation range: 2330 - 7840 feet.	<i>Moderate.</i> There are 5 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2013.	All priority areas. <i>Not expected.</i> None of the priority areas are within the known elevation range for this species.
La Panza mariposa-lily <i>Calochortus simulans</i>	None	None	1B.3	Chaparral, cismontane woodland, lower montane coniferous forest, valley and foothill grassland. Decomposed granite, or sometimes on serpentine. Elevation range: 1065 - 3775 feet.	<i>Moderate.</i> There are 3 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2019.	Guadalupe. <i>Not expected.</i> Outside of known elevation range. Casmalia. <i>Not expected.</i> Outside of known elevation range. East of Santa Maria. <i>Moderate.</i> Located approximately 5.3 miles from known occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Low.</i> Located approximately 10.7 miles from known occurrence. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Located more than 20 miles from known occurrence.

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Santa Barbara morning-glory <i>Calystegia sepium</i> ssp. <i>binghamiae</i>	None	None	1A	Marshes and swamps (coastal). Elevation range: 15 - 15 feet.	<i>Low</i> . There is only one known occurrence of this species within the County that was recorded in 1886. This occurrence is now listed as possibly extirpated.	Refugio Canyon. <i>Not expected</i> . Located approximately 20.1 miles from known occurrence. Extremely limited suitable habitat may be present. All other priority areas. <i>Not expected</i> . Outside of known elevation range.
island white-felted paintbrush <i>Castilleja hololeuca</i>	None	None	1B.2	Chaparral, closed-cone coniferous forest, coastal scrub. Rocky slopes. Elevation range: 65 - 1200 feet.	<i>High</i> . There are 36 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2008.	All priority areas. <i>Not expected</i> . All known occurrences of this species are located on the Channel Islands.
soft-leaved paintbrush <i>Castilleja mollis</i>	FE	None	1B.1	Coastal bluff scrub, coastal dunes. Elevation range: 15 - 65 feet.	<i>Moderate</i> . There are 7 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2005.	All priority areas. <i>Not expected</i> . All known occurrences of this species are located on the Channel Islands.
Santa Barbara jewelflower <i>Caulanthus</i> <i>amplexicaulis</i> var. <i>barbarae</i>	None	None	1B.1	Chaparral, cismontane woodland, closed-cone coniferous forest. Elevation range: 1540 - 4005 feet.	<i>Moderate</i> . There are 11 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2013.	East of Santa Maria. <i>Low</i> . Located approximately 13.1 miles from known occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected</i> . Located approximately 19.9 miles from known occurrence. Extremely limited suitable habitat may be present. Refugio Canyon. <i>Low</i> . Located approximately 12.3 miles from known occurrence. Suitable habitat may be present. All other priority areas. <i>Not expected</i> . Outside of known elevation range
California jewelflower <i>Caulanthus</i> <i>californicus</i>	FE	SE	1B.1	Chenopod scrub, pinyon and juniper woodland, valley and foothill grassland. Elevation range: 200 - 3280 feet.	<i>Moderate</i> . There are 8 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2018.	Guadalupe. <i>Not expected</i> . Outside of known elevation range. Cuyama and New Cuyama. <i>High</i> . Occurrence within priority area. Suitable habitat may be present. All other priority areas. <i>Not expected</i> . Located at least 25 miles from species occurrence.

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Lemmon's jewelflower <i>Caulanthus lemmonii</i>	None	None	1B.2	Chaparral, Joshua tree woodland, Mojavean desert scrub, pinyon- juniper woodland. Elevation range: 260 - 5185 feet.	<i>Moderate.</i> There are 6 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2018.	Guadalupe. <i>Not expected.</i> Outside of known elevation range. Cuyama and New Cuyama. <i>High.</i> Occurrence within priority area. Extremely limited suitable habitat may be present. All other priority areas. <i>Not expected.</i> Located at least 23 miles from species occurrence.
Santa Barbara ceanothus <i>Ceanothus impressus</i> var. <i>impressus</i>	None	None	1B.2	Chaparral. Sandy. Elevation range: 130 - 1540 feet.	<i>High.</i> There are 37 known occurrences of these species within the County. Of these, the most recent occurrence was recorded in 2019.	Guadalupe. <i>Not expected.</i> Located approximately 3.1 miles from species occurrence. No suitable habitat present. Casmalia. <i>High.</i> Occurrence adjacent to priority area. Limited suitable habitat may be present. East of Santa Maria. <i>Low.</i> Located approximately 11.1 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range. Los Alamos. <i>Not expected.</i> Located approximately 7.0 miles from species occurrence. No suitable habitat present. Los Olivos. <i>Low.</i> Located approximately 13.5 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>Not expected.</i> Located approximately 8.2 miles from species occurrence. No suitable habitat present. Hwy 246 Corridor. <i>High.</i> Occurrence within priority area. Suitable habitat may be present. Refugio Canyon. <i>Low.</i> Located approximately 18.0 miles from species occurrence. Suitable habitat may be present.
southern tarplant <i>Centromadia parryi</i> ssp. <i>australis</i>	None	None	1B.1	Marshes and swamps (margins), valley and foothill grassland (vernally mesic), vernal pools. Often in disturbed sites near the coast at marsh edges; also in alkaline soils sometimes with saltgrass. Elevation range: 0 - 1575 feet.	<i>Moderate.</i> There are 14 known occurrences of these species within the County. Of these, the most recent occurrence was recorded in 2013.	Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range. Los Olivos. <i>Low.</i> Located approximately 17.2 miles from species observation. Suitable habitat may be present. Jonata Park. <i>Low.</i> Located approximately 19.1 miles from species observation. Suitable habitat may be present. Hwy 246 Corridor. <i>Low.</i> Located approximately 19.7 miles from species observation. Suitable habitat may be present. Refugio Canyon. <i>Moderate.</i> Located approximately 6.1 miles from species occurrence. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Located greater than 20 miles from species occurrence.

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coastal goosefoot <i>Chenopodium littoreum</i>	None	None	1B.2	Coastal dunes. Generally on sandy soils, and on dunes. Elevation range: 35 - 100 feet.	<i>Moderate.</i> There are 3 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 1996.	Guadalupe. <i>Low.</i> Located approximately 9.0 miles from species occurrence. Suitable habitat may be present near priority area. Refugio Canyon. <i>Not expected.</i> Located approximately 28.9 miles from species occurrence. All other priority areas. <i>Not expected.</i> Outside of known elevation range.
salt marsh bird's-beak <i>Chloropyron maritimum</i> ssp. <i>maritimum</i>	FE	SE	1B.2	Coastal dunes, marshes and swamps (coastal salt). Limited to the higher zones of salt marsh habitat. Elevation range: 0 - 100 feet.	<i>Low.</i> There are 2 known occurrences of this species within the County. These occurrences were recorded in 2017 and 2018.	All priority areas. <i>Not expected.</i> Located at least 29 miles from known observations.
Blakley's spineflower <i>Chorizanthe blakleyi</i>	None	None	1B.3	Chaparral, pinyon and juniper woodland. Elevation range: 1970 - 5250 feet	<i>Moderate.</i> There are 11 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2014.	East of Santa Maria. <i>Low.</i> Located approximately 16.3 miles from species observation. Extremely limited suitable habitat may be present. Cuyama and New Cuyama. <i>High.</i> Located approximately 3.0 miles from known occurrence. Extremely limited suitable habitat may be present. Refugio Canyon. <i>Not expected.</i> Located approximately 26.9 miles from species observation. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Outside of known elevation range.

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Bolander's water-hemlock <i>Cicuta maculata</i> var. <i>bolanderi</i>	None	None	2B.1	Marshes and swamps (brackish, coastal, freshwater). Elevation range: 0 - 655 feet.	<i>Low.</i> There is only one known occurrence of this species within the County, which was recorded in 2008.	<p>Guadalupe. <i>Low.</i> Located approximately 11.3 miles from species occurrences. Limited suitable habitat may be present.</p> <p>Casmalia. <i>High.</i> Located approximately 4.2 miles from species occurrence. Suitable habitat may be present.</p> <p>East of Santa Maria. <i>Low.</i> Located approximately 16.3 miles from species occurrence. Limited suitable habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range.</p> <p>Los Alamos. <i>Moderate.</i> Located approximately 16.9 miles from species occurrence in CNDDDB, but historic 1973 occurrence within the priority area documented in Calflora. Suitable habitat may be present.</p> <p>Los Olivos. <i>Not expected.</i> Located approximately 26.4 miles from species occurrence. Extremely limited suitable habitat may be present.</p> <p>Jonata Park. <i>Not expected.</i> Located approximately 22.0 miles from species occurrence. No suitable habitat present.</p> <p>Hwy 246 Corridor. <i>Low.</i> Located approximately 11.7 miles from species occurrences. Suitable habitat may be present.</p> <p>Refugio Canyon. <i>Not expected.</i> Located approximately 32.3 miles from species occurrence. Extremely limited suitable habitat may be present.</p>
compact cobwebby thistle <i>Cirsium occidentale</i> var. <i>compactum</i>	None	None	1B.2	Chaparral, coastal dunes, coastal prairie, coastal scrub. On dunes and on clay in chaparral; also in grassland. Elevation range: 15 - 490 feet.	<i>Moderate.</i> There are 11 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 1981.	<p>Guadalupe. <i>High.</i> Located approximately 3.6 miles from the nearest species occurrence. Suitable habitat may be located near this priority area.</p> <p>Casmalia. <i>Moderate.</i> Located approximately 6.8 miles from the nearest species occurrence. Suitable habitat may be present.</p> <p>East of Santa Maria. <i>Low.</i> Located approximately 17.9 miles from the nearest species occurrence. Suitable habitat may be present.</p> <p>Hwy 246 Corridor. <i>Not expected.</i> Located approximately 20.0 miles from nearest species occurrence. Suitable habitat may be present.</p> <p>Refugio Canyon. <i>Not expected.</i> Located approximately 39.9 miles from the nearest species occurrence. Suitable habitat may be present.</p> <p>All other priority areas. <i>Not expected.</i> Outside of the elevation range.</p>

Common Name <i>Scientific Name</i>	Federal ESA Status	State ESA Status	CRPR ¹	Preferred Habitat	Potential to Occur within the Project Area	Potential to Occur at 9 Project Sites
surf thistle <i>Cirsium rhotophilum</i>	None	ST	1B.2	Coastal bluff scrub, coastal dunes. Elevation range: 10 - 195 feet.	<i>Moderate.</i> There are 16 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2004.	Guadalupe. <i>Low.</i> Suitable habitat may be present near this priority area. Hwy 246 Corridor. <i>Not expected.</i> Suitable habitat not present. Refugio Canyon. <i>Not expected.</i> Located approximately 20.4 miles from the nearest species occurrence. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Outside of the elevation range.
La Graciosa thistle <i>Cirsium scariosum var. loncholepis</i>	FE	ST	1B.1	Cismontane woodland, coastal dunes, coastal scrub, marshes and swamps (brackish), valley and foothill grassland. Elevation range: 15 - 720 feet.	<i>High.</i> There are 7 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2019. Critical habitat for this species also occurs within the western portion of the County.	Guadalupe. <i>High.</i> Species occurrence within priority area. Suitable habitat may be present. Critical habitat for this species also occurs within this Priority Area. Casmalia. <i>High.</i> Located approximately 2.5 miles from the nearest species occurrence. Suitable habitat may be present. Critical habitat for this species also occurs within this Priority Area. East of Santa Maria. <i>Moderate.</i> Located approximately 7.1 miles from the nearest species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Outside of the elevation range. Los Alamos. <i>High.</i> Species occurrence within priority area. Suitable habitat may be present. Los Olivos. <i>Not expected.</i> Outside of known elevation range. Jonata Park. <i>Moderate.</i> Located approximately 6.4 miles from the nearest species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>High.</i> Located approximately 6.5 miles from the nearest species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Not expected.</i> Located approximately 26.9 miles from the nearest species occurrence. Suitable habitat may be present.

Common Name <i>Scientific Name</i>	Federal ESA Status	State ESA Status	CRPR ¹	Preferred Habitat	Potential to Occur within the Project Area	Potential to Occur at 9 Project Sites
California saw- grass <i>Cladium californicum</i>	None	None	2B.2	Marshes and swamps (alkaline, freshwater), meadows and seeps. Elevation range: 195 - 5250 feet.	<i>Moderate.</i> There are 2 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2005.	Guadalupe. <i>Not expected.</i> Outside of the elevation range. Casmalia. <i>High.</i> Located approximately 4.5 miles from the nearest species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Moderate.</i> Located approximately 5.1 miles from the nearest species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Located approximately 34.3 miles from the nearest species occurrence. Suitable habitat may be present. Los Alamos. <i>High.</i> Species occurrence within priority area. Suitable habitat may be present. Los Olivos. <i>Moderate.</i> Located approximately 8.2 miles from the nearest species occurrence. Suitable habitat may be present. Jonata Park. <i>Moderate.</i> Located approximately 6.7 miles from the nearest species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 6.7 miles from the nearest species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Low.</i> Located approximately 17.6 miles from the nearest species occurrence. Suitable habitat may be present.
Nevin's woolly sunflower <i>Constancea nevinii</i>	None	None	1B.3	Coastal bluff scrub, coastal scrub. Elevation range: 15 - 1345 feet.	<i>Low.</i> There are 5 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 1989.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.

Common Name <i>Scientific Name</i>	Federal ESA Status	State ESA Status	CRPR ¹	Preferred Habitat	Potential to Occur within the Project Area	Potential to Occur at 9 Project Sites
seaside bird's-beak <i>Cordylanthus rigidus ssp. littoralis</i>	None	SE	1B.1	Chaparral (maritime), cismontane woodland, closed-cone coniferous forest, coastal dunes, coastal scrub. Disturbed areas (often), sandy. Elevation range: 0 - 1690 feet.	<i>Moderate.</i> There are 25 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2010.	Guadalupe. <i>Low.</i> Located approximately 12.9 miles from the nearest species occurrence. Suitable habitat may be present within and near this priority area. Casmalia. <i>Moderate.</i> Located approximately 5.1 miles from the nearest species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Low.</i> Located approximately 15.1 miles from the nearest species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range. Los Alamos. <i>Moderate.</i> Located approximately 7.2 miles from the nearest species occurrence. Suitable habitat may be present. Los Olivos. <i>Moderate.</i> Located approximately 9.6 miles from the nearest species occurrence. Suitable habitat may be present. Jonata Park. <i>High.</i> Located approximately 3.7 miles from the nearest species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>High.</i> Species occurrence within priority area. Suitable habitat may be present. Refugio Canyon. <i>High.</i> Species occurrence within priority area. Suitable habitat may be present.
island rush-rose <i>Crocanthemum greenei</i>	FT	None	1B.2	Chaparral, cismontane woodland, closed-cone coniferous forest, coastal scrub. Elevation range: 50 - 1610 feet.	<i>Moderate.</i> There are 51 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2018.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
Mendocino dodder <i>Cuscuta pacifica var. papillata</i>	None	None	4B.2	Coastal dunes (interdune depressions). Elevation range: 0 – 165 feet.		

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Gaviota tarplant <i>Deinandra increscens</i> ssp. <i>villosa</i>	FE	SE	1B.1	Coastal bluff scrub, coastal scrub, valley and foothill grassland. Elevation range: 65 - 1410 feet.	<i>High.</i> There are 21 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2020. Critical habitat for this species also occurs within the southwestern portion of the County.	<p>Guadalupe. <i>Moderate.</i> Located approximately 5.6 miles from the nearest species occurrence. Suitable habitat may be present.</p> <p>Casmalia. <i>High.</i> Located approximately 3.5 miles from the nearest species occurrence. Suitable habitat may be present.</p> <p>East of Santa Maria. <i>Low.</i> Located approximately 15.7 miles from the nearest species occurrence. Suitable habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range.</p> <p>Los Alamos. <i>Low.</i> Located approximately 16.3 miles from the nearest species occurrence. Suitable habitat may be present.</p> <p>Los Olivos. <i>Low.</i> Located approximately 15.5 miles from the nearest species occurrence. Suitable habitat may be present.</p> <p>Jonata Park. <i>Low.</i> Located approximately 11.3 miles from the nearest species occurrence. Suitable habitat may be present.</p> <p>Hwy 246 Corridor. <i>Moderate.</i> Located approximately 5.7 miles from the nearest species occurrence. Suitable habitat may be present.</p> <p>Refugio Canyon. <i>High.</i> Located approximately 4.4 miles from the nearest species occurrence. Suitable habitat may be present.</p>

Common Name <i>Scientific Name</i>	Federal ESA Status	State ESA Status	CRPR ¹	Preferred Habitat	Potential to Occur within the Project Area	Potential to Occur at 9 Project Sites
dune larkspur <i>Delphinium parryi</i> ssp. <i>blochmaniae</i>	None	None	1B.2	Chaparral (maritime), coastal dunes. Elevation range: 0 - 655 feet.	<i>Moderate.</i> There are 13 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2010.	Guadalupe. <i>Moderate.</i> Located approximately 5.7 miles from the nearest species occurrence. Suitable habitat may be present near priority area, but no suitable habitat may be present within priority area. Casmalia. <i>High.</i> Located approximately 1.5 miles from the nearest species occurrence. Extremely limited suitable habitat may be present. East of Santa Maria. <i>Moderate.</i> Located approximately 6.4 miles from the nearest species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range. Los Alamos. <i>Not expected.</i> Located approximately 6.2 miles from the nearest species occurrence. No suitable habitat present. Los Olivos. <i>Moderate.</i> Located approximately 9.5 miles from the nearest species occurrence. Suitable habitat may be present. Jonata Park. <i>Moderate.</i> Located approximately 3.7 miles from the nearest species occurrence. Suitable habitat present. Hwy 246 Corridor. <i>High.</i> Species occurrence within priority area. Limited suitable habitat may be present. Refugio Canyon. <i>Low.</i> Located approximately 13.0 miles from the nearest species occurrence. Suitable habitat may be present.
recurved larkspur <i>Delphinium</i> <i>recurvatum</i>	None	None	1B.2	Chenopod scrub, cismontane woodland, valley and foothill grassland. On alkaline soils; often in valley saltbush or valley chenopod scrub. Elevation range: 10 - 2590 feet.	<i>Low.</i> Only 1 known occurrence of this species within the County which was recorded in 2017.	Cuyama and New Cuyama. <i>Moderate.</i> Located at least 9.4 miles from the nearest species occurrence. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Located at least 35 miles from the nearest species occurrence.

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umbrella larkspur <i>Delphinium umbraculorum</i>	None	None	1B.3	Chaparral, cismontane woodland. Mesic sites. Elevation range: 1310 - 5250 feet.	<i>High.</i> There are 43 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2019.	East of Santa Maria. <i>High.</i> Species occurrence within priority area. Suitable habitat may be present. Cuyama and New Cuyama. <i>Moderate.</i> Located approximately 8.1 miles from species occurrence. Limited suitable habitat may be present. Los Olivos. <i>High.</i> Located approximately 1.9 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>High.</i> Species occurrence adjacent to priority area. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Outside of known elevation range.
silverskin lichen <i>Dermatocarpon meiophyllizum</i>	None	None	2B.3	Coastal prairie, lower montane coniferous forest, north coast coniferous forest, subalpine coniferous forest, upper montane coniferous forest. Preferred habitat is undisturbed, exposed streams with large rocks or bedrock at high elevations, but it is also found in cold, deep canyons at lower elevations. Elevation range: 970 - 11465 feet.	<i>Low.</i> Only 1 known occurrence of this species within the County which was recorded in 1992.	East of Santa Maria. <i>Low.</i> Located approximately 16.8 miles from species occurrence. Suitable stream habitat may be present. Cuyama and New Cuyama. <i>Low.</i> Located approximately 11.1 miles from species occurrence. Suitable stream habitat may be present. Los Olivos. <i>Low.</i> Located approximately 18.4 miles from species occurrence. Suitable stream habitat may be present. Jonata Park. <i>Not expected.</i> Located approximately 24.7 miles from species occurrence. Suitable stream habitat may be present. Refugio Canyon. <i>Not expected.</i> Located approximately 28.7 miles from species occurrence. Suitable stream habitat may be present. All other priority areas. <i>Not expected.</i> Outside of known elevation range.
Santa Cruz Island monkeyflower <i>Diplacus brandegeei</i>	None	None	1A	Coastal scrub, valley and foothill grassland, rocky. Elevation range: 195 - 1000 feet.	<i>Low.</i> Only 1 known occurrence of this species within the County which was recorded in 1932. This occurrence is listed as possibly extirpated.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.

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Vandenberg monkeyflower <i>Diplacus vandenbergensis</i>	FE	None	1B.1	Chaparral, cismontane woodland, coastal dunes. Disturbed areas (often), sandy. Elevation range: 195 - 395 feet.	<i>High.</i> There are 17 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2019. Critical habitat for this species also occurs within the western portion of the County.	Casmalia. <i>Moderate.</i> Located approximately 7.4 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Low.</i> The majority of this area is outside of the known elevation range. Suitable habitat may be present. Hwy 246 Corridor. <i>High.</i> Species occurrence within priority area. Limited suitable habitat may be present. Critical habitat for this species also occurs within the western portion of this Priority Area. Refugio Canyon. <i>Low.</i> Located approximately 13.4 miles from species occurrence. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Outside of known elevation range.
beach spectaclepod <i>Dithyrea maritima</i>	None	ST	1B.1	Coastal dunes, coastal scrub (sandy). Elevation range: 10 - 165 feet.	<i>Moderate.</i> There are 9 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2016.	Guadalupe. <i>Moderate.</i> Located approximately 3.8 miles from species occurrence. Suitable habitat not present within priority area; however, suitable habitat may be present near priority area. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 9.9 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Not expected.</i> Located approximately 30.1 miles from species occurrence. Suitable scrub habitat may be present. All other priority areas. <i>Not expected.</i> Outside of known elevation range.
Blochman's dudleya <i>Dudleya blochmaniae</i> ssp. <i>blochmaniae</i>	None	None	1B.1	Chaparral, coastal bluff scrub, coastal scrub, valley and foothill grassland. Open, rocky slopes; often in shallow clays over serpentine or in rocky areas with little soil. Elevation range: 15 - 1475 feet.	<i>Moderate.</i> There are 8 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2000.	Guadalupe. <i>High.</i> Located approximately 3.2 miles from species occurrence. Suitable habitat may be present. Casmalia. <i>High.</i> Located approximately 3.4 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Low.</i> Located approximately 15.5 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Located approximately 50.1 miles from species occurrence. Suitable habitat may be present. Los Alamos. <i>Low.</i> Located approximately 13.5 miles from species occurrence. Suitable habitat may be present. Los Olivos. <i>Not expected.</i> Located approximately 22.3 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>Low.</i> Located approximately 17.8 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 7.0 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Not expected.</i> Located approximately 27.4 miles from species occurrence. Suitable habitat may be present.

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Santa Rosa Island dudleya <i>Dudleya blochmaniae</i> ssp. <i>insularis</i>	None	None	1B.1	Coastal bluff scrub, on rock flat near beach near mouth of creek. Elevation range: 10 - 35 feet.	<i>Low.</i> Only 1 known occurrence of this species within the County which was recorded in 2000.	All priority areas. Not expected. The known occurrence of this species is located on the Channel Islands.
candleholder dudleya <i>Dudleya candelabrum</i>	None	None	1B.2	Chaparral, closed-cone coniferous forest, coastal scrub. In rock walls and crevices, and on canyon sides. Elevation range: 15 - 2000 feet.	<i>Moderate.</i> There are 34 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 1996.	All priority areas. Not expected. All known occurrences are located on the Channel Islands.
munchkin dudleya <i>Dudleya gnoma</i>	None	None	1B.1	Coastal bluff scrub (gravelly, volcanic). Coastal bluffs on Santa Rosa Island; in sparsely vegetated area in shallow volcanic soil with annual grasses. Cryptic. Elevation range: 65 - 230 feet.	<i>Low.</i> Only 1 known occurrence of this species within the County which was recorded in 2000.	All priority areas. Not expected. The known occurrence of this species is located on the Channel Islands.
Santa Cruz Island dudleya <i>Dudleya nesiotica</i>	FDR	SR	1B.1	Coastal bluff scrub, coastal scrub. In flat area near edge of sea bluff or on gentle slopes. Clay soil, with gravelly bits. Elevation range: 35 - 165 feet.	<i>Moderate.</i> There are 2 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2008.	All priority areas. Not expected. All known occurrences are located on the Channel Islands.
Santa Barbara Island dudleya <i>Dudleya traskiae</i>	FE	SE	1B.2	Coastal bluff scrub, coastal scrub. In shallow soil pockets on rocky cliffs, and on coastal terraces. Elevation range: 100 - 360 feet.	<i>Moderate.</i> There are 3 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2011.	All priority areas. Not expected. All known occurrences are located on the Channel Islands.

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Kern mallow <i>Eremalche parryi</i> ssp. <i>kernensis</i>	FE	None	1B.2	Chenopod scrub, pinyon and juniper woodland, valley and foothill grassland. On dry, open, sandy to clay soils; usually within valley saltbush scrub; often at edge of balds. Elevation range: 230 - 4230 feet.	<i>Moderate.</i> There are 4 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2019.	Guadalupe. <i>Not expected.</i> Outside of known elevation range. Casmalia. <i>Not expected.</i> Located approximately 40.4 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Not expected.</i> Located approximately 23.3 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>High.</i> Located adjacent to species occurrence. Suitable habitat may be present. Los Alamos. <i>Not expected.</i> Located approximately 30.3 miles from species occurrence. Suitable habitat may be present. Los Olivos. <i>Not expected.</i> Located approximately 24.9 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>Not expected.</i> Located approximately 31.5 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>Not expected.</i> Located approximately 34.1 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Not expected.</i> Located approximately 34.0 miles from species occurrence. Suitable habitat may be present.
Blochman's leafy daisy <i>Erigeron blochmaniae</i>	None	None	1B.2	Coastal dunes, coastal scrub. Elevation range: 10 - 150 feet.	<i>Moderate.</i> There are 12 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2011.	Guadalupe. <i>High.</i> Located approximately 2.5 miles from species occurrence. No suitable habitat may be present within priority area; however, suitable habitat may be present near priority area. Hwy 246 Corridor. <i>Not expected.</i> The majority of this area is outside of known elevation range. The remaining portion of this area lacks suitable habitat to support this species. Refugio Canyon. <i>Not expected.</i> Located approximately 30.2 miles from species occurrence. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Outside of known elevation range.

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Lompoc yerba santa <i>Eriodictyon capitatum</i>	FE	SR	1B.2	Chaparral (maritime), closed-cone coniferous forest, coastal bluff scrub. Sandy soils on terraces. Elevation range: 130 - 2955 feet.	<i>High.</i> There are 11 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2019. Critical habitat for this species also occurs within the western portion of the County.	Guadalupe. <i>Not expected.</i> Outside of known elevation range. Casmalia. <i>Moderate.</i> Located approximately 5.7 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Moderate.</i> Located approximately 5.4 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Located approximately 39.6 miles from species occurrence. Limited suitable habitat may be present. Los Alamos. <i>Moderate.</i> Located approximately 8.8 miles from species occurrence. Limited suitable habitat may be present. Los Olivos. <i>Low.</i> Located approximately 17.6 miles from species occurrence. Limited suitable habitat may be present. Jonata Park. <i>Low.</i> Located approximately 15.0 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 6.8 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Low.</i> Located approximately 15.0 miles from species occurrence. Suitable habitat may be present.
Santa Barbara Island buckwheat <i>Eriogonum giganteum</i> var. <i>compactum</i>	None	SR	1B.3	Coastal bluff scrub (usually rocky). Seabluffs; dry rocky outcrops and cliffs. Elevation range: 35 - 985 feet.	<i>Low.</i> There are 4 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 1989.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
red-flowered buckwheat <i>Eriogonum grande</i> var. <i>rubescens</i>	None	None	1B.2	Chaparral, coastal bluff scrub, coastal scrub. Elevation range: 35 - 805 feet.	<i>Moderate.</i> There are 31 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2002.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
Fort Tejon woolly sunflower <i>Eriophyllum lanatum</i> var. <i>hallii</i>	None	None	1B.1	Chaparral, cismontane woodland. Often on slopes in loamy soils. Elevation range: 3495 - 6560 feet.	<i>Moderate.</i> There are 2 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2003.	All priority areas. <i>Not expected.</i> All priority areas are outside of known elevation range.

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sand-loving wallflower <i>Erysimum ammophilum</i>	None	None	1B.2	Chaparral (maritime), coastal dunes, coastal scrub. Sandy openings. Elevation range: 0 - 195 feet.	<i>Moderate.</i> There are 8 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2013.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
island wallflower <i>Erysimum insulare</i>	None	None	1B.3	Coastal bluff scrub, coastal dunes. Mesas and cliffs. Elevation range: 0 - 985 feet.	<i>Moderate.</i> There are 12 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 1996.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
cliff spurge <i>Euphorbia misera</i>	None	None	2B.2	Coastal bluff scrub, coastal scrub, Mojavean desert scrub. Rocky sites. Elevation range: 35 - 1640 feet.	<i>Low.</i> There is 1 known occurrence of this species which was recorded in 1991.	All priority areas. <i>Not expected.</i> The known occurrence of this species is located on the Channel Islands.
Ojai fritillary <i>Fritillaria ojaiensis</i>	None	None	1B.2	Broadleafed upland forest (mesic), chaparral, cismontane woodland, lower montane coniferous forest. Rocky sites. Sometimes on serpentine; sometimes along roadsides. Elevation range: 740 - 3275 feet.	<i>Moderate.</i> There are 26 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2017.	Guadalupe. <i>Not expected.</i> Outside of known elevation range. Casmalia. <i>Not expected.</i> Outside of known elevation range. East of Santa Maria. <i>High.</i> Species occurrence within priority area. Suitable habitat may be present. Cuyama and New Cuyama. <i>Very low.</i> Located approximately 19.6 miles from species location. Extremely limited suitable habitat may be present. Los Alamos. <i>Low.</i> Located approximately 11.5 miles from species location. Suitable habitat may be present. Los Olivos. <i>Moderate.</i> Located approximately 6.9 miles from species location. Suitable habitat may be present. Jonata Park. <i>Moderate.</i> Located approximately 6.9 miles from species location. Suitable habitat may be present. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 6.2 miles from species location. Suitable habitat may be present. Refugio Canyon. <i>High.</i> Located approximately 1.1 miles from species occurrence. Suitable habitat may be present.

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box bedstraw <i>Galium buxifolium</i>	FDR	SR	1B.2	Closed-cone coniferous forest, coastal bluff scrub, coastal scrub. Rocky cliffs, ocean bluffs, talus slopes near coast. Elevation range: 15 - 1310 feet.	<i>Moderate.</i> There are 17 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2008.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
showy island snapdragon <i>Gambelia speciosa</i>	None	None	1B.2	Coastal scrub. Rocky cliffs and canyons. Elevation range: 0 - 2955 feet.	<i>Low.</i> There is 1 known occurrence of this species which was recorded in 1863. This species has been listed as possibly extirpated.	All priority areas. <i>Not expected.</i> The known occurrence of this species is located on the Channel Islands.
Hoffmann's slender-flowered gilia <i>Gilia tenuiflora</i> ssp. <i>hoffmannii</i>	FE	None	1B.1	Coastal dunes, coastal scrub. Island dunes; sandy-loam soil. Elevation range: 35 - 100 feet.	<i>Moderate.</i> There are 3 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2008.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
island alumroot <i>Heuchera maxima</i>	None	None	1B.2	Chaparral, cismontane woodland, coastal bluff scrub, coastal scrub. Moist north-facing canyon walls, rocky banks, and sea-cliffs. Elevation range: 35 - 1640 feet.	<i>Moderate.</i> There are 24 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2004.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.

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mesa horkelia <i>Horkelia cuneata</i> var. <i>puberula</i>	None	None	1B.1	Chaparral (maritime), cismontane woodland, coastal scrub. Sandy or gravelly sites. Elevation range: 230 - 2660 feet.	<i>Moderate.</i> There are 26 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2013.	Guadalupe. <i>Not expected.</i> Outside of known elevation range. Casmalia. <i>High.</i> Located approximately 2.1 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>High.</i> Species occurrence within priority area. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Located approximately 21.2 miles from species occurrence. Limited suitable habitat may be present. Los Alamos. <i>Moderate.</i> Located approximately 6.8 miles from species occurrence. Suitable habitat may be present. Los Olivos. <i>High.</i> Located approximately 1.1 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>High.</i> Located approximately 2.6 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>High.</i> Species occurrence within priority area. Suitable habitat may be present. Refugio Canyon. <i>Moderate.</i> Located approximately 7.2 miles from species occurrence. Suitable habitat may be present.
Kellogg's horkelia <i>Horkelia cuneata</i> var. <i>sericea</i>	None	None	1B.1	Chaparral (maritime), closed-cone coniferous forest, coastal dunes, coastal scrub. Old dunes, coastal sandhills; openings. Sandy or gravelly soils. Elevation range: 35 - 655 feet.	<i>Moderate.</i> There are 9 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2012.	Guadalupe. <i>Moderate to high.</i> Located approximately 4.0 miles from species occurrence. Limited suitable habitat may be present. Casmalia. <i>High.</i> Located approximately 0.8 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Moderate.</i> Located approximately 5.0 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range. Los Alamos. <i>Moderate.</i> Located approximately 8.0 miles from species occurrence. Suitable habitat may be present. Los Olivos. <i>Not expected.</i> Outside of known elevation range. Jonata Park. <i>Low.</i> Located approximately 12.6 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 6.3 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Low.</i> Located approximately 15.6 miles from species occurrence. Suitable habitat may be present.

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island tube lichen <i>Hypogymnia schizidiata</i>	None	None	1B.3	Chaparral, closed-cone coniferous forest. On bark and wood of hardwoods and conifers. Elevation range: 1180 - 1330 feet.	<i>Moderate.</i> There are 4 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2015. Two occurrences are listed as possibly extirpated.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
Santa Lucia dwarf rush <i>Juncus luciensis</i>	None	None	1B.2	Chaparral, Great Basin scrub, lower montane coniferous forest, meadows and seeps, vernal pools. Ephemeral drainages, wet meadow habitats and streamsides. Elevation range: 985 - 6695 feet.	<i>Moderate.</i> There are 3 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 1956.	Guadalupe. <i>Not expected.</i> Outside of known elevation range. Casmalia. <i>Not expected.</i> Outside of known elevation range. East of Santa Maria. <i>Not expected.</i> Located at least 34 miles from species occurrence. Suitable chaparral habitat may be present. Cuyama and New Cuyama. <i>Low.</i> Located approximately 15.3 miles from species occurrence. Limited suitable habitat may be present. Los Alamos. <i>Not expected.</i> Outside of known elevation range. Los Olivos. <i>Low.</i> Located approximately 11.5 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>Low.</i> Located approximately 15.3 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>Low.</i> The majority of the priority area is outside of known elevation range. Further, this area is located approximately 16.2 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Moderate.</i> Located approximately 5.8 miles from species occurrence. Suitable habitat may be present.
Contra Costa goldfields <i>Lasthenia conjugens</i>	FE	None	1B.1	Cismontane woodland, playas (alkaline), valley and foothill grassland, vernal pools. Swales, low depressions, in open grassy areas. Elevation range: 0 - 1540 feet.	<i>Not expected.</i> There is only one known occurrence of this species in the County from 1950 which has since been extirpated.	All priority areas. <i>Not expected.</i> The only known occurrence of this species has been extirpated.

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Coulter's goldfields <i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	None	None	1B.1	Marshes and swamps (coastal salt), playas, vernal pools. Usually found on alkaline soils in playas, sinks, and grasslands. Elevation range: 5 - 4005 feet.	<i>Moderate.</i> There are 7 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2013.	Guadalupe. <i>Low.</i> Located approximately 17.3 miles from species occurrence. Suitable habitat may be present. Casmalia. <i>Low.</i> Located approximately 10.0 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Not expected.</i> Located approximately 20.9 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Located approximately 30.5 miles from species occurrence. Suitable habitat may be present. Los Alamos. <i>Low.</i> Located approximately 17.2 miles from species occurrence. Suitable habitat may be present. Los Olivos. <i>Moderate.</i> Located approximately 6.0 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>Low.</i> Located approximately 10.1 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 8.5 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Moderate.</i> Located approximately 4.1 miles from species occurrence. Suitable habitat may be present.
island mallow <i>Lavatera</i> <i>assurgentiflora</i> ssp. <i>assurgentiflora</i>	None	None	1B.1	Coastal bluff scrub, coastal scrub. Sandy flats and rocky places. Mainland and Todos Santos Island plants probably planted. Elevation range: 50 - 805 feet.	<i>Low.</i> There are 3 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 1989.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
beach layia <i>Layia carnosa</i>	FT	SE	1B.1	Coastal dunes, coastal scrub (sandy). On sparsely vegetated, semi-stabilized dunes, usually behind foredunes. Elevation range: 0 - 195 feet.	<i>Moderate.</i> There are 4 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2017.	Guadalupe. <i>Low.</i> Located approximately 11.1 miles from species occurrence. Suitable habitat not present within priority area; however, suitable habitat may be present nearby. Refugio Canyon. <i>Not expected.</i> Located approximately 30.9 miles from species occurrence. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Outside of known elevation range.

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blushing layia <i>Layia erubescens</i>	None	None	1B.2	Coastal dunes, coastal scrub. Prefers loose, fine sand of stabilized dunes and sandhills. Elevation range: 35 - 805 feet.	<i>High.</i> There are 27 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2023.	<p>Guadalupe. <i>Moderate.</i> Located approximately 6.3 miles from species occurrence. Suitable habitat not present within priority area; however, suitable habitat may be present nearby.</p> <p>Casmalia. <i>High.</i> Species occurrence within priority area. Suitable habitat may be present.</p> <p>East of Santa Maria. <i>High.</i> Located approximately 1.6 miles from species occurrence. Suitable habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range.</p> <p>Los Alamos. <i>High.</i> Located approximately 4.7 miles from species occurrence. Suitable habitat may be present.</p> <p>Los Olivos. <i>High.</i> Located approximately 4.9 miles from species occurrence. Suitable habitat may be present.</p> <p>Jonata Park. <i>High.</i> Species occurrence within priority area. Suitable habitat may be present.</p> <p>Hwy 246 Corridor. <i>High.</i> Species occurrence within priority area. Suitable habitat may be present.</p> <p>Refugio Canyon. <i>Moderate.</i> Located approximately 9.5 miles from species occurrence. Suitable habitat may be present.</p>
pale-yellow layia <i>Layia heterotricha</i>	None	None	1B.1	Cismontane woodland, coastal scrub, pinyon and juniper woodland, valley and foothill grassland. Alkaline or clay soils; open areas. Elevation range: 985 - 5595 feet.	<i>Moderate.</i> There are 14 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2016.	<p>Guadalupe. <i>Not expected.</i> Outside of known elevation range.</p> <p>Casmalia. <i>Not expected.</i> Outside of known elevation range.</p> <p>East of Santa Maria. <i>Low.</i> Located approximately 16.9 miles from known occurrence. Suitable habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Moderate.</i> Located approximately 5.8 miles from known occurrence. Suitable habitat may be present.</p> <p>Los Alamos. <i>Not expected.</i> Outside of known elevation range.</p> <p>Los Olivos. <i>Moderate.</i> Located approximately 7.9 miles from known occurrence. Suitable habitat may be present.</p> <p>Jonata Park. <i>Low.</i> Located approximately 12.4 miles from known occurrence. Suitable habitat may be present.</p> <p>Hwy 246 Corridor. <i>High.</i> Located approximately 1.2 miles from known occurrence. Suitable habitat may be present.</p> <p>Refugio Canyon. <i>Low.</i> Located approximately 14.9 miles from known occurrence. Suitable habitat may be present.</p>

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Santa Barbara honeysuckle <i>Lonicera subspicata</i> var. <i>subspicata</i>	None	None	1B.2	Chaparral, cismontane woodland, coastal scrub. Elevation range: 35 - 3280 feet.	<i>Moderate.</i> There are 29 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2016.	Guadalupe. <i>Low.</i> Located approximately 19.4 miles from species occurrence. Limited suitable habitat may be present. Casmalia. <i>Low.</i> Located approximately 10.5 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Low.</i> Located approximately 13.5 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Located approximately 21.3 miles from species occurrence. Extremely limited suitable habitat may be present. Los Alamos. <i>Moderate.</i> Located approximately 8.2 miles from species occurrence. Suitable habitat may be present. Los Olivos. <i>High.</i> Located approximately 4.7 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>Low.</i> Located approximately 10.5 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>High.</i> Occurrence within priority area. Suitable habitat may be present. Refugio Canyon. <i>High.</i> Occurrence within priority area. Suitable habitat may be present.
Santa Cruz Island ironwood <i>Lyonothamnus floribundus</i> ssp. <i>aspleniifolius</i>	None	None	1B.2	Broadleafed upland forest, chaparral, cismontane woodland. Protected pockets on north-facing slopes. Also seen on ridges and in canyons. Elevation range: 65 - 1905 feet.	<i>Moderate.</i> There are 61 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2008.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
showy golden madia <i>Madia radiata</i>	None	None	1B.1	Cismontane woodland, valley and foothill grassland. Mostly on adobe clay in grassland or among shrubs. Elevation range: 80 - 3985 feet.	<i>Low.</i> There is 1 known occurrence of this species within the County. The date that this occurrence was recorded is unknown.	Cuyama and New Cuyama. <i>High.</i> Occurrence within priority area. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> All priority areas are at least 29.5 miles from the known occurrence.

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Santa Cruz Island bushmallow <i>Malacothamnus fasciculatus</i> var. <i>nesioticus</i>	FE	SE	1B.1	Chaparral, coastal scrub. Steep slopes and outcrops. Rocky sites. Elevation range: 50 - 690 feet.	<i>Moderate.</i> There are 8 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2016.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
slender bushmallow <i>Malacothamnus jonesii</i> var. <i>gracilis</i>	None	None	1B.1	Chaparral. Dry, rocky slopes. Elevation range: 625 - 1885 feet.	<i>Low.</i> There is 1 known occurrence of this species within the County. This occurrence was recorded in 1946.	Guadalupe. <i>Not expected.</i> Outside of known elevation range. Casmalia. <i>Not expected.</i> Outside of known elevation range. East of Santa Maria. <i>Moderate.</i> Located approximately 5.1 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range. Los Alamos. <i>Low.</i> Located approximately 18.1 miles from species occurrence. Suitable habitat not present. Los Olivos. <i>Not expected.</i> Located approximately 23.8 miles from species occurrence. Limited suitable habitat may be present. Jonata Park. <i>Not expected.</i> Located approximately 25.6 miles from species occurrence. No suitable habitat present. Hwy 246 Corridor. <i>Not expected.</i> Located approximately 23.3 miles from species occurrence. Limited suitable habitat may be present. Refugio Canyon. <i>Not expected.</i> Located approximately 35.1 miles from species occurrence. Suitable habitat may be present.
Philbrick's malacothrix <i>Malacothrix foliosa</i> ssp. <i>philbrickii</i>	None	None	1B.2	Coastal scrub. Elevation range: 195 - 330 feet.	<i>Moderate.</i> There are 3 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 1982.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
Santa Cruz Island malacothrix <i>Malacothrix indecora</i>	FE	None	1B.1	Chaparral, coastal bluff scrub, coastal dunes, coastal scrub. Exposed sites on dry ridges and sea bluffs. Elevation range: 15 - 100 feet.	<i>Moderate.</i> There are 7 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2006.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.

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Carmel Valley malacothrix <i>Malacothrix saxatilis</i> var. <i>arachnoidea</i>	None	None	1B.2	Chaparral (rocky), coastal scrub. Rock outcrops or steep rocky roadcuts. Elevation range: 80 - 3400 feet.	<i>Low.</i> There is 1 known occurrence of this species within the County. This occurrence was recorded in 1982	Guadalupe. <i>Not expected.</i> Located approximately 53.6 miles from species occurrence. Suitable habitat is not present. Casmalia. <i>Not expected.</i> Located approximately 47.9 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Not expected.</i> Located approximately 35.4 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Located approximately 24.3 miles from species occurrence. Extremely limited suitable habitat may be present. Los Alamos. <i>Not expected.</i> Located approximately 31.7 miles from species occurrence. Suitable habitat may be present. Los Olivos. <i>Not expected.</i> Located approximately 20.8 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>Not expected.</i> Located approximately 26.3 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 27.6 miles from species occurrence in CNDDDB, but 2 miles north of a 2017 occurrence in Calflora. Suitable habitat may be present. Refugio Canyon. <i>Low.</i> Located approximately 19.0 miles from species occurrence. Suitable habitat may be present.
Mexican malacothrix <i>Malacothrix similis</i>	None	None	2A	Coastal dunes. Elevation range: 0 - 130 feet.	<i>Low.</i> There are 2 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 1888.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
island malacothrix <i>Malacothrix squalida</i>	FE	None	1B.1	Chaparral, cismontane woodland, coastal bluff scrub. Exposed sites. Elevation range: 50 - 655 feet.	<i>Moderate.</i> There are 2 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2006.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
southwestern mountain monardella <i>Monardella australis</i> ssp. <i>occidentalis</i>	None	None	1B.1	Chaparral (montane), upper montane coniferous forest. Clay loam, rocky scree. Elevation range: 6200 - 7990 feet.	<i>Low.</i> There is 1 known occurrence of this species within the County. It is unknown when this occurrence was recorded.	All priority areas. <i>Not expected.</i> All priority areas are outside of the known elevation range of this species.

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white-veined monardella <i>Monardella hypoleuca</i> ssp. <i>hypoleuca</i>	None	None	1B.3	Chaparral, cismontane woodland. Dry slopes. Elevation range: 165 - 5005 feet.	<i>Moderate.</i> There are 19 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2006.	Guadalupe. <i>Not expected.</i> Outside of elevation range. Casmalia. <i>Not expected.</i> Located approximately 21.0 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Not expected.</i> Located approximately 21.1 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Located approximately 28.0 miles from species occurrence. Extremely limited suitable habitat may be present. Los Alamos. <i>Low.</i> Located approximately 12.9 miles from species occurrence. Suitable habitat may be present. Los Olivos. <i>Moderate.</i> Located approximately 9.3 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>Moderate.</i> Located approximately 6.9 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>High.</i> Located approximately 4.6 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>High.</i> Occurrence within priority area. Suitable habitat may be present.
southern curly- leaved monardella <i>Monardella sinuata</i> ssp. <i>sinuata</i>	None	None	1B.2	Chaparral, cismontane woodland, coastal dunes, coastal scrub (openings). Sandy soils. Elevation range: 0 - 985 feet.	<i>Moderate.</i> There are 26 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2012.	Guadalupe. <i>Low.</i> This area is Located approximately 9.2 miles from species occurrence. Suitable habitat not present within priority area; however, suitable habitat may be present nearby. Casmalia. <i>High.</i> Furthermore, this area is Located approximately 1.3 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>High.</i> Occurrence within priority area. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range. Los Alamos. <i>High.</i> Located approximately 2.3 miles from species occurrence. Suitable habitat may be present. Los Olivos. <i>High.</i> Located approximately 1.9 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>High.</i> Located approximately 1.3 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>High.</i> Located adjacent to multiple species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Moderate.</i> Located approximately 8.0 miles from species occurrence. Suitable habitat may be present.

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Point Arguello monardella <i>Monardella undulata</i> ssp. <i>arguelloensis</i>	None	None	1B.1	Coastal bluff scrub, coastal dunes (stabilized), coastal scrub. Sandy substrate. Elevation range: 165 - 490 feet.	<i>Low.</i> There is 1 known occurrence of this species within the County which was recorded in 2012.	Casmalia. <i>Low.</i> Located approximately 18.1 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Not expected.</i> Located approximately 27.4 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>Low.</i> Located approximately 11.9 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Not expected.</i> Located approximately 29.5 miles from species occurrence. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Outside of known elevation range.
crisp monardella <i>Monardella undulata</i> ssp. <i>crispa</i>	None	None	1B.2	Coastal dunes, coastal scrub. Often on the borders of open, sand areas, usually adjacent to typical backdune scrub vegetation. Elevation range: 35 - 395 feet.	<i>Moderate.</i> There are 18 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2013.	Guadalupe. <i>Low.</i> Located approximately 1.1 miles from a historic 1973 species occurrence documented in CNDDDB. Suitable habitat not present within priority area; however, suitable habitat may be present nearby. Casmalia. <i>High.</i> Located approximately 2.5 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Low.</i> Located approximately 15.3 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 10.1 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Not expected.</i> Located approximately 30.2 miles from species occurrence. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Outside of known elevation range.

Common Name <i>Scientific Name</i>	Federal ESA Status	State ESA Status	CRPR ¹	Preferred Habitat	Potential to Occur within the Project Area	Potential to Occur at 9 Project Sites
San Luis Obispo monardella <i>Monardella undulata</i> ssp. <i>undulata</i>	None	None	1B.2	Coastal dunes, coastal scrub (sandy). Stabilized sand of the immediate coast. Elevation range: 35 - 655 feet.	<i>Moderate.</i> There are 12 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2012.	Guadalupe. <i>Moderate.</i> Located approximately 5.8 miles from species occurrence. Suitable habitat not present within priority area; however, suitable habitat may be present nearby. Casmalia. <i>High.</i> Located approximately 2.3 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Moderate.</i> Located approximately 6.2 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range. Los Alamos. <i>Low.</i> Located approximately 10.8 miles from species occurrence. Suitable habitat may be present. Los Olivos. <i>Low.</i> Located approximately 20.2 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>Low.</i> Located approximately 17.2 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 9.9 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Not expected.</i> Located approximately 30.0 miles from species occurrence. Suitable habitat may be present.
San Joaquin woollythreads <i>Monolopia congdonii</i>	FE	None	1B.2	Chenopod scrub, valley and foothill grassland (sandy). Alkaline or loamy plains; sandy soils, often with grasses and within chenopod scrub. Elevation range: 195 - 2625 feet.	<i>Moderate.</i> There are 3 known occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2016.	Guadalupe. <i>Not expected.</i> Outside of elevation range. Casmalia. <i>Not expected.</i> Located approximately 36.6 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Low.</i> Located approximately 19.3 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>High.</i> Located adjacent to species occurrence. Suitable habitat may be present. Los Alamos. <i>Not expected.</i> Located approximately 28.8 miles from species occurrence. Suitable habitat may be present. Los Olivos. <i>Not expected.</i> Located approximately 25.5 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>Not expected.</i> Located approximately 31.6 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>Not expected.</i> Located approximately 34.5 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Not expected.</i> Located approximately 34.5 miles from species occurrence. Suitable habitat may be present.

Common Name <i>Scientific Name</i>	Federal ESA Status	State ESA Status	CRPR ¹	Preferred Habitat	Potential to Occur within the Project Area	Potential to Occur at 9 Project Sites
aparejo grass <i>Muhlenbergia utilis</i>	None	None	2B.2	Chaparral, cismontane woodland, coastal scrub, marshes and swamps, meadows and seeps. Sometimes alkaline, sometimes serpentinite. Elevation range: 80 - 7630 feet.	<i>Low.</i> There is one known occurrence of this species within the County. This occurrence was recorded in 1975.	<p>Guadalupe. <i>Not expected.</i> Located approximately 21.5 miles from species occurrence. Suitable habitat not present within priority area; however, suitable habitat may be present nearby.</p> <p>Casmalia. <i>Low.</i> Located approximately 15.4 miles from known occurrence. Suitable habitat may be present.</p> <p>East of Santa Maria. <i>Moderate.</i> Located approximately 5.9 miles from species occurrence. Suitable habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Not expected.</i> Located approximately 33.8 miles from species occurrence. Very limited suitable habitat may be present.</p> <p>Los Alamos. <i>High.</i> Occurrence within priority area. Suitable habitat may be present.</p> <p>Los Olivos. <i>Moderate.</i> Located approximately 8.1 miles from species occurrence. Suitable habitat may be present.</p> <p>Jonata Park. <i>Moderate.</i> Located approximately 6.4 miles from species occurrence. Suitable habitat may be present.</p> <p>Hwy 246 Corridor. <i>Moderate.</i> Located approximately 5.9 miles from species occurrence. Suitable habitat may be present.</p> <p>Refugio Canyon. <i>Low.</i> Located approximately 17.3 miles from species occurrence. Suitable habitat may be present.</p>

Common Name <i>Scientific Name</i>	Federal ESA Status	State ESA Status	CRPR ¹	Preferred Habitat	Potential to Occur within the Project Area	Potential to Occur at 9 Project Sites
Gambel's water cress <i>Nasturtium gambelii</i>	FE	ST	1B.1	Marshes and swamps (brackish, freshwater). At the margins of lakes and along streams, in or just above the water level. Elevation range: 15 - 1085 feet.	<i>Moderate.</i> There are 3 known occurrences of this species within the County. Of these, the most recent observation was recorded in 2012.	Guadalupe. <i>Low.</i> Located approximately 12.9 miles from species occurrence. Limited suitable habitat along streams may be present. Casmalia. <i>Moderate.</i> Located approximately 5.0 miles from species occurrence. Suitable habitat along streams may be present. East of Santa Maria. <i>Low.</i> Located approximately 12.8 miles from species occurrence. Suitable habitat along streams may be present. Cuyama and New Cuyama. <i>Not expected.</i> Located approximately 45.1 miles from species occurrence. Suitable habitat along streams may be present. Los Alamos. <i>Low.</i> Located approximately 11.1 miles from species occurrence. Suitable habitat along streams may be present. Los Olivos. <i>Not expected.</i> Located approximately 20.7 miles from species occurrence. Suitable habitat along streams may be present. Jonata Park. <i>Low.</i> Located approximately 16.9 miles from species occurrence. Suitable habitat along streams may be present. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 6.6 miles from species occurrence. Suitable habitat along streams may be present. Refugio Canyon. <i>Low.</i> Located approximately 19.3 miles from species occurrence. Suitable habitat along streams may be present.
Robbins' nemacladus <i>Nemacladus secundiflorus</i> var. <i>robbinsii</i>	None	None	1B.2	Chaparral, valley and foothill grassland. Dry, sandy or gravelly slopes. Openings. Elevation range: 1150 - 5580 feet.	<i>Low.</i> There is 1 known occurrence of this species within the County which was recorded in 1929.	All priority areas. <i>Not expected.</i> This occurrence is located at least 20 miles from all known priority areas.

Common Name <i>Scientific Name</i>	Federal ESA Status	State ESA Status	CRPR ¹	Preferred Habitat	Potential to Occur within the Project Area	Potential to Occur at 9 Project Sites
Sonoran maiden fern <i>Pelazoneuron puberulum</i> var. <i>sonorense</i>	None	None	2B.2	Meadows and seeps (seeps, streams). Elevation range: 165 - 2000 feet.	<i>Moderate.</i> There are 12 known occurrences of this species within the County. Of these, the most recent observation was recorded in 2015.	Guadalupe. <i>Not expected.</i> Located approximately 23.1 miles from known occurrence. Limited suitable seeps and streams may be present. Casmalia. <i>Low.</i> Located approximately 15.1 miles from known occurrence. Suitable seeps and streams may be present. East of Santa Maria. <i>Not expected.</i> Located approximately 22.1 miles from known occurrence. Suitable seeps and streams may be present. Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range. Suitable seeps and streams may be present. Los Alamos. <i>Low.</i> Located approximately 17.2 miles from known occurrence. Suitable seeps and streams may be present. Los Olivos. <i>Low.</i> Located approximately 10.5 miles from known occurrence. Suitable seeps and streams may be present. Jonata Park. <i>Low.</i> Located approximately 10.6 miles from known occurrence. Suitable seeps and streams may be present. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 6.6 miles from known occurrence. Suitable seeps and streams may be present. Refugio Canyon. <i>High.</i> Occurrence within the priority area. Suitable seeps and streams may be present.
northern Channel Islands phacelia <i>Phacelia insularis</i> var. <i>insularis</i>	FE	None	1B.2	Coastal dunes, valley and foothill grassland. Dunes, bluffs and sandy places. Elevation range: 0 - 705 feet.	<i>Moderate.</i> There are 6 known occurrences of this species within the County. Of these, the most recent observation was recorded in 2006.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
Santa Rosa Island Torrey pine <i>Pinus torreyana</i> ssp. <i>insularis</i>	None	None	1B.2	Closed-cone coniferous forest. Ravines and low ridges. Elevation range: 245 - 490 feet.	<i>Moderate.</i> There are 2 known occurrences of this species within the County. Of these, the most recent observation was recorded in 2000.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.

Common Name <i>Scientific Name</i>	Federal ESA Status	State ESA Status	CRPR ¹	Preferred Habitat	Potential to Occur within the Project Area	Potential to Occur at 9 Project Sites
Santa Barbara Island cream cups <i>Platystemon californicus</i> var. <i>ciliatus</i>	None	None	1B.2	Coastal bluff scrub. Open gravelly soil on coastal bluffs. Elevation range: 165 - 165 feet.	<i>Moderate.</i> There is one known occurrence of this species within the County. This was recorded in 1989.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
Mexican earthmoss <i>Pleuridium mexicanum</i>	None	None	2B.1	Chaparral, sandstone. Elevation range: 1445 - 1445 feet.	<i>Moderate.</i> There is one known occurrence of this species within the County. This was recorded in 2006.	East of Santa Maria. <i>Not expected.</i> Located approximately 32.9 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Low.</i> Located approximately 12.6 miles from species occurrence. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Outside of known elevation range.
Nuttall's scrub oak <i>Quercus dumosa</i>	None	None	1B.1	Chaparral, closed-cone coniferous forest, coastal scrub. Generally on sandy soils near the coast; sometimes on clay loam. Elevation range: 50 - 1310 feet.	<i>Moderate.</i> There are 17 known occurrences of this species within the County. Of these, the most recent observation was recorded in 2015.	Guadalupe. <i>Not expected.</i> Located more than 23 miles from known species occurrence. Limited suitable habitat may be present. Casmalia. <i>Not expected.</i> Located more than 23 miles from known species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Low.</i> Located more than 23 miles from known species occurrence in CNDDDB, but there is a historic 1935 occurrence 0.6 mile west of the priority area documented in California. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range. Los Alamos. <i>Not expected.</i> Located more than 23 miles from known species occurrence. Suitable habitat may be present. Los Olivos. <i>Not expected.</i> Located more than 23 miles from known species occurrence. Suitable habitat may be present. Jonata Park. <i>Not expected.</i> Located more than 23 miles from known species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>Not expected.</i> Located more than 23 miles from known species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Low.</i> Located approximately 18.5 miles from species occurrence. Suitable habitat may be present.

Common Name <i>Scientific Name</i>	Federal ESA Status	State ESA Status	CRPR ¹	Preferred Habitat	Potential to Occur within the Project Area	Potential to Occur at 9 Project Sites
Santa Cruz Island gooseberry <i>Ribes thacherianum</i>	None	None	1B.2	Cismontane woodland, closed-cone coniferous forest, riparian woodland. Canyons, streambeds, and ravines. Elevation range: 35 - 1495 feet.	<i>Moderate.</i> There are 12 known occurrences of this species within the County. Of these, the most recent observation was recorded in 2008.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
Brandegee's sage <i>Salvia brandegeei</i>	None	None	1B.2	Chaparral, closed-cone coniferous forest, coastal scrub. Coastal bluffs and seaward canyons. Elevation range: 15 - 655 feet.	<i>Moderate.</i> There are 13 known occurrences of this species within the County. Of these, the most recent observation was recorded in 2000.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
black-flowered figwort <i>Scrophularia atrata</i>	None	None	1B.2	Chaparral, closed-cone coniferous forest, coastal dunes, coastal scrub, riparian scrub. Sand, diatomaceous shales, and soils derived from other parent material; around swales and in sand dunes. Elevation range: 35 - 1640 feet.	<i>Moderate.</i> There are 51 known occurrences of this species within the County. Of these, the most recent observation was recorded in 2016.	Guadalupe. <i>High.</i> Located approximately 1.7 miles from species occurrence. Limited suitable habitat may be present. Casmalia. <i>High.</i> Occurrence within priority area. Suitable habitat may be present. East of Santa Maria. <i>Moderate.</i> Located approximately 6.3 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Outside of known elevation range. Los Alamos. <i>High.</i> Located approximately 3.1 miles from species occurrence. Suitable habitat may be present. Los Olivos. <i>Low.</i> Located approximately 10.7 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>Moderate.</i> Located approximately 6.3 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>High.</i> Occurrence adjacent to priority area. Suitable habitat may be present. Refugio Canyon. <i>Moderate.</i> Located approximately 7.3 miles from species occurrence. Suitable habitat may be present.

Common Name <i>Scientific Name</i>	Federal ESA Status	State ESA Status	CRPR ¹	Preferred Habitat	Potential to Occur within the Project Area	Potential to Occur at 9 Project Sites
chaparral ragwort <i>Senecio aphanactis</i>	None	None	2B.2	Chaparral, cismontane woodland, coastal scrub. Drying alkaline flats. Elevation range: 50 - 2625 feet.	<i>Moderate.</i> There are 10 known occurrences of this species within the County. Of these, the most recent observation was recorded in 2006.	Guadalupe. <i>Low.</i> Located approximately 17.9 miles from species occurrence. Suitable habitat not present within priority area; however, suitable habitat may be present nearby. Casmalia. <i>Low.</i> Located approximately 10.1 miles from species occurrence. Limited suitable habitat may be present. East of Santa Maria. <i>Low.</i> Located approximately 14.3 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Located approximately 34.1 miles from species occurrence. Limited suitable habitat may be present. Los Alamos. <i>Low.</i> Located approximately 10.1 miles from species occurrence. Suitable habitat may be present. Los Olivos. <i>Moderate.</i> Located approximately 7.6 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>Moderate.</i> Located approximately 9.0 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>High.</i> Located approximately 2.7 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>High.</i> Occurrence within priority area. Suitable habitat may be present.
Santa Cruz Island winged-rockcress <i>Sibara filifolia</i>	FE	None	1B.1	Coastal scrub (rocky, volcanic). Shady slopes, openings (often). Elevation range: 195 - 1000 feet.	<i>Low.</i> There are 2 known occurrences of this species within the County. Of these, the most recent observation was recorded in 1985; however, this occurrence is listed as possibly extirpated.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
Parish's checkerbloom <i>Sidalcea hickmanii</i> ssp. <i>parishii</i>	None	SR	1B.2	Chaparral, cismontane woodland, lower montane coniferous forest. Disturbed burned or cleared areas on dry, rocky slopes, in fuel breaks and fire roads along the mountain summits. Elevation range: 3280 - 8200 feet.	<i>Moderate.</i> There are 10 known occurrences of this species within the County. Of these, the most recent observation was recorded in 2018.	Cuyama and New Cuyama. <i>Not expected.</i> Located approximately 7.7 miles from species occurrence. Very limited suitable habitat may be present. Outside of the known elevation range of this species. All other priority areas. <i>Not expected.</i> All other priority areas are outside of the known elevation range of this species.

Common Name <i>Scientific Name</i>	Federal ESA Status	State ESA Status	CRPR ¹	Preferred Habitat	Potential to Occur within the Project Area	Potential to Occur at 9 Project Sites
southern jewelflower <i>Streptanthus campestris</i>	None	None	1B.3	Chaparral, lower montane coniferous forest, pinyon and juniper woodland. Open, rocky areas. Elevation range: 2955 - 7545 feet.	<i>Low.</i> There is one known occurrence of this species within the County. This was recorded in 1929.	Cuyama and New Cuyama. <i>Not expected.</i> Located approximately 15.5 miles from species occurrence. Very limited suitable habitat may be present. Outside of the known elevation range of this species. All other priority areas. <i>Not expected.</i> All other priority areas are outside of the known elevation range of this species.
estuary seablite <i>Suaeda esteroa</i>	None	None	1B.2	Marshes and swamps (coastal salt), in clay, silt, and sand substrates. Elevation range: 0 - 15 feet.	<i>Moderate.</i> There is one known occurrence of this species within the County. This was recorded in 1979.	Refugio Canyon. <i>Low.</i> Located approximately 11.6 miles from species occurrence. Suitable marsh habitat may be present. All other priority areas. <i>Not expected.</i> All other priority areas are outside of the known elevation range of this species.
San Bernardino aster <i>Symphotrichum defoliatum</i>	None	None	1B.2	Cismontane woodland, coastal scrub, lower montane coniferous forest, marshes and swamps, meadows and seeps, valley and foothill grassland (vernally mesic). Streambanks. Elevation range: 5 - 6695 feet.	<i>Moderate.</i> There is one known occurrence of this species within the County. This was recorded in 1995.	Guadalupe. <i>Low.</i> Located approximately 11.1 miles from species occurrence. Suitable habitat may be present. Casmalia. <i>High.</i> Located approximately 4.1 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Moderate.</i> Located approximately 8.5 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Located approximately 42.4 miles from species occurrence. Suitable habitat may be present. Los Alamos. <i>Moderate.</i> Located approximately 9.9 miles from species occurrence. Suitable habitat may be present. Los Olivos. <i>Low.</i> Located approximately 19.6 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>Low.</i> Located approximately 16.2 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>Moderate.</i> Located approximately 7.4 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Not expected.</i> Located approximately 27.2 miles from species occurrence. Suitable habitat may be present.

Common Name <i>Scientific Name</i>	Federal ESA Status	State ESA Status	CRPR ¹	Preferred Habitat	Potential to Occur within the Project Area	Potential to Occur at 9 Project Sites
Santa Ynez false lupine <i>Thermopsis macrophylla</i>	None	SR	1B.3	Chaparral (disturbed areas, granitic, sandy). In open areas such as fuel breaks, after burns; on sandstone. Elevation range: 1395 - 4595 feet.	<i>Moderate.</i> There are 8 known occurrences of this species within the County. Of these, the most recent observation was recorded in 2011.	East of Santa Maria. <i>Not expected.</i> This species is limited to the Santa Ynez Mountains. Cuyama and New Cuyama. <i>Not expected.</i> This species is limited to the Santa Ynez Mountains. Los Olivos. <i>Not expected.</i> This species is limited to the Santa Ynez Mountains. Refugio Canyon. <i>High.</i> Located approximately 2.4 miles of species occurrence. Occurrences of this species are within the Santa Ynez Mountains. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Outside of known elevation range.
Santa Cruz Island fringe pod <i>Thysanocarpus conchuliferus</i>	FE	None	1B.2	Chaparral, cismontane woodland. Stony ridges and mossy pockets on the sides of rocks. Elevation range: 150 - 2150 feet.	<i>Moderate.</i> There are 15 known occurrences of this species within the County. Of these, the most recent observation was recorded in 2006.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.
California screw moss <i>Tortula californica</i>	None	None	1B.2	Chenopod scrub, valley and foothill grassland. Moss growing on sandy soil. Elevation range: 35 - 4790 feet.	<i>Moderate.</i> There are 2 known occurrences of this species within the County. Of these, the most recent observation was recorded in 2001.	All priority areas. <i>Not expected.</i> All known occurrences are located on the Channel Islands.

NOTES:

¹ Sensitivity Status

FE	Federally endangered
FT	Federally threatened
FDR	Federally delisted (recovered)
SE	State endangered
ST	State threatened
SR	State rare
CRPR	<i>California Rare Plant Ranks:</i>

California Rare Plant Rank 1A	Plants presumed extirpated in California and either rare or extinct elsewhere
California Rare Plant Rank 1B	Plants rare, threatened, or endangered in California and elsewhere
California Rare Plant Rank 2A	Plants presumed extirpated in California but common elsewhere
California Rare Plant Rank 2B	Plants rare, threatened, or endangered in California, but common elsewhere
California Rare Plant Rank 3	Plants about which more information is needed, a review list
California Rare Plant Rank 4	Plants of limited distribution, a watch list

Common Name Scientific Name	Federal ESA Status	State ESA Status	CRPR 1	Preferred Habitat	Potential to Occur within the Project Area	Potential to Occur at 9 Project Sites
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Threat Code extensions and their meanings:

- 0.1-Seriously threatened in California (over 80% of occurrences threatened / high degree and immediacy of threat)
- 0.2-Moderately threatened in California (20-80% occurrences threatened / moderate degree and immediacy of threat)
- 0.3-Not very threatened in California (less than 20% of occurrences threatened / low degree and immediacy of threat or no current threats known)

SOURCES:

California Native Plant Society. 2024. CNPS Rare Plant Inventory. Available online at: <https://rareplants.cnps.org/>. Accessed July 3, 2024.
 CDFW. 2024. California Natural Diversity Database (CNDDDB). RareFind, Version 5.0 (Commercial Subscription). Sacramento, California: CDFW, Biogeographic Data Branch. Available online at: <https://www.wildlife.ca.gov/Data/CNDDDB/Maps-and-Data>. Accessed July 3, 2024

SPECIAL STATUS WILDLIFE POTENTIAL TO OCCUR

Common Name Scientific Name	Federal ESA Status	State ESA Status	CDFW	Preferred Habitat	Potential to Occur within Santa Barbara County	Potential to Occur within 9 Priority Areas
Invertebrates						
Crotch's bumble bee <i>Bombus crotchii</i>	None	SCE	None	Open grassland and scrub habitats that support potential nectar sources.	<i>High.</i> There are 24 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2020.	<p>Guadalupe. <i>Very low.</i> Within species range. Located approximately 34.5 miles from species occurrence. Very limited grassland habitat may be present.</p> <p>Casmalia. <i>Moderate.</i> Within species range. Located approximately 29.0 miles from species occurrence. Suitable grassland habitat may be present.</p> <p>East of Santa Maria. <i>Moderate.</i> Within species range. Located approximately 15.6 miles from species occurrence. Suitable grassland and scrub habitat may be present.</p> <p>Cuyama and New Cuyama. <i>High.</i> Within species range. Occurrence within priority area. Suitable grassland habitat may be present.</p> <p>Los Alamos. <i>Moderate.</i> Within species range. Located approximately 12.3 miles from species occurrence. Suitable grassland and scrub habitat may be present.</p> <p>Los Olivos. <i>High.</i> Within species range. Located approximately 1.8 miles from species occurrence. Suitable grassland and scrub habitat may be present.</p> <p>Jonata Park. <i>Moderate.</i> Within species range. Located approximately 8.8 miles from species occurrence. Suitable grassland and scrub habitat may be present.</p> <p>Hwy 246 Corridor. <i>Moderate.</i> Within species range. Located approximately 11.1 miles from species occurrence. Suitable grassland and scrub habitat may be present.</p> <p>Refugio Canyon. <i>Moderate.</i> Within species range. Located within 2.8 miles from species occurrence. Suitable grassland and scrub habitat may be present.</p>

Common Name Scientific Name	Federal ESA Status	State ESA Status	CDFW	Preferred Habitat	Potential to Occur within Santa Barbara County	Potential to Occur within 9 Priority Areas
American bumble bee <i>Bombus pensylvanicus</i>	None	None	None	Coastal prairie, Great Basin grassland, Valley & foothill grassland. Long-tongued; forages on a wide variety of flowers including vetches (<i>Vicia</i>), clovers (<i>Trifolium</i>), thistles (<i>Cirsium</i>), sunflowers (<i>Helianthus</i>), etc. Nests above ground under long grass or underground. Queens overwinter in rotten wood or underground.	<i>High</i> . There is 1 known CNDDDB occurrence of this species within the County, which was recorded in 1991.	<p>Guadalupe. <i>Low</i>. Located approximately 33.3 miles from species occurrence. Very limited grassland habitat may be present.</p> <p>Casmalia. <i>Moderate</i>. Located approximately 26.4 miles from species occurrence. Suitable grassland habitat may be present.</p> <p>East of Santa Maria. <i>Moderate</i>. Located approximately 17.6 miles from species occurrence. Suitable grassland and scrub habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Moderate</i>. Located approximately 30.6 miles from species occurrence. Suitable grassland habitat may be present.</p> <p>Los Alamos. <i>Moderate</i>. Located approximately 11.2 miles from species occurrence. Suitable grassland and scrub habitat may be present.</p> <p>Los Olivos. <i>High</i>. Located approximately 1.7 miles from species occurrence. Suitable grassland and scrub habitat may be present.</p> <p>Jonata Park. <i>Moderate</i>. Located approximately 2.9 miles from species occurrence. Suitable grassland and scrub habitat may be present.</p> <p>Hwy 246 Corridor. <i>Moderate</i>. Located approximately 3.4 miles from species occurrence. Suitable grassland and scrub habitat may be present.</p> <p>Refugio Canyon. <i>Moderate</i>. Located approximately 2.1 miles from species occurrence. Suitable grassland and scrub habitat may be present.</p>

Common Name Scientific Name	Federal ESA Status	State ESA Status	CDFW	Preferred Habitat	Potential to Occur within Santa Barbara County	Potential to Occur within 9 Priority Areas
vernal pool fairy shrimp <i>Branchinecta lynchi</i>	FT	None	None	Limited to vernal pools in Oregon and California. Occasionally will be found in habitats other than vernal pools, such as artificial pools created by roadside ditches.	<i>High.</i> There are 9 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2020. Critical habitat for this species also occurs within the central portion of the County.	<p>Guadalupe. <i>High.</i> Within species range. Located approximately 6.5 miles from species occurrence. Suitable vernal pool habitat may be present.</p> <p>Casmalia. <i>High.</i> Within species range. Located approximately 1.5 miles from species occurrence. Suitable vernal pool habitat may be present.</p> <p>East of Santa Maria. <i>High.</i> Within species range. Located approximately 2.3 miles from species occurrence. Suitable vernal pool habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Moderate.</i> Within species range. Located approximately 21.2 miles from species occurrence. Suitable vernal pool habitat may be present.</p> <p>Los Alamos. <i>Moderate.</i> Within species range. Located approximately 14.7 miles from species occurrence. Suitable vernal pool habitat may be present.</p> <p>Los Olivos. <i>Moderate.</i> Within species range. Located approximately 8.1 miles from species occurrence. Suitable vernal pool habitat may be present.</p> <p>Jonata Park. <i>Moderate.</i> Within species range. Located approximately 14.6 miles from species occurrence. Suitable vernal pool habitat may be present.</p> <p>Hwy 246 Corridor. <i>High.</i> Within species range. Located approximately 7.4 miles from species occurrence. Suitable vernal pool habitat may be present.</p> <p>Refugio Canyon. <i>Moderate.</i> Within species range. Located approximately 12.3 miles from species occurrence. Suitable vernal pool habitat may be present.</p>
monarch - California overwintering population <i>Danaus plexippus plexippus</i> pop. 1	FC	None	None	Wintering sites in California are associated with wind-protected groves of large trees (primarily eucalyptus or pine [<i>Pinus</i> spp.]) with nectar and water sources nearby that are generally near the coast.	<i>High.</i> There are 116 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2023.	All priority areas. <i>Not expected.</i> Suitable wintering habitat not present.

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Kern primrose sphinx moth <i>Euproserpinus euterpe</i>	FT	None	None	Valley & foothill grassland. Found in the Walker Basin, Kern County, and in the Carrizo Plain and Cuyama Valley.	<i>High.</i> There are 5 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2015.	Cuyama and New Cuyama. <i>High.</i> Within species range. Occurrence within priority area. Suitable grassland habitat may be present. All other priority areas. <i>Not expected.</i> Outside of species range.
black abalone <i>Haliotis cracherodii</i>	FE	None	None	Marine intertidal & splash zone communities. Mid to low rocky intertidal areas.	<i>High.</i> There are 12 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 1998.	All priority areas. <i>Not expected.</i> Outside of species range. All occurrences of this species are located on the Channel Islands.

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Fish						
tidewater goby <i>Eucyclogobius newberryi</i>	FE	None	SSC	Found in shallow brackish water habitats, lagoons, and lower stream reaches along the California coast from Agua Hedionda Lagoon, San Diego County to the mouth of the Smith River. Require fairly still but not stagnant water and high oxygen levels.	<i>High.</i> There are 30 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2016. Critical habitat for this species also occurs within the northwestern and southern portions of the County.	Refugio Canyon. <i>High.</i> Within species range. Suitable habitat may be present. Occurrence within priority area. All other priority areas. <i>Not expected.</i> Outside of species range.
unarmored threespine stickleback <i>Gasterosteus aculeatus williamsoni</i>	FE	SE	FP	South coast flowing waters, Weedy pools, backwaters, and among emergent vegetation at the stream edge in small Southern California streams. Cool (<24 C), clear water with abundant vegetation.	<i>High.</i> There are 3 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2010.	Casmalia. <i>High.</i> Within species range. Occurrence less than 1 mile from priority area. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Outside of species range.
arroyo chub <i>Gila orcuttii</i>	None	None	SSC	Los Angeles Basin south coastal streams. Prefers slow water stream sections with muddy or sandy bottoms. Feeds on aquatic vegetation, insects, and associated invertebrates.	<i>Moderate.</i> There is 1 known CNDDDB occurrence of this species within the County, which was recorded in 1996.	Casmalia. <i>Moderate.</i> Observation within the vicinity of the priority area documented in iNaturalist. Hwy 246 Corridor. <i>Moderate.</i> Observation within the vicinity of the priority area documented in iNaturalist. All other priority areas. <i>Not expected.</i> Outside of species' native range.
steelhead - southern California DPS <i>Oncorhynchus mykiss irideus</i> pop. 10	FE	SCE	None	South coast flowing waters with variable temperatures. Found in streams and rivers with at least 7 inches minimum depth.	<i>High.</i> There are 6 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2014.	East of Santa Maria. <i>Moderate.</i> Within species range. Suitable habitat may be present. Occurrence within priority area. Hwy 246 Corridor. <i>Moderate.</i> Within species range. Suitable habitat may be present. Occurrence within priority area. All other priority areas. <i>Not expected.</i> No suitable habitat or outside of known range.

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Amphibians						
California tiger salamander - Santa Barbara County DPS <i>Ambystoma californiense</i> pop. 2	FE	ST	WL	Lives in vacant or mammal-occupied burrows throughout most of the year; in grassland, savanna, or open woodland habitats.	<i>High.</i> There are 30 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2017. Critical habitat for this species also occurs within the western portion of the County.	<p>Guadalupe. <i>Low.</i> Within species range. Located approximately 2.5 miles from species occurrence. Limited suitable habitat may be present.</p> <p>Casmalia. <i>High.</i> Within species range. Located less than 1 mile from species occurrence. Suitable grassland habitat may be present.</p> <p>East of Santa Maria. <i>High.</i> Within species range. Species occurrence in priority area. Suitable grassland habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Not expected.</i> Outside of species range.</p> <p>Los Alamos. <i>High.</i> Within species range. Located less than 1 mile from species occurrence. Suitable grassland habitat may be present.</p> <p>Los Olivos. <i>High.</i> Within species range. Located approximately 6.0 miles from species occurrence. Suitable grassland habitat may be present.</p> <p>Jonata Park. <i>High.</i> Within species range. Located approximately 3.1 miles from species occurrence. Suitable grassland habitat may be present.</p> <p>Hwy 246 Corridor. <i>High.</i> Within species range. Occurrence within priority area. Suitable grassland habitat may be present. Critical habitat for this species also occurs within this Priority Area.</p> <p>Refugio Canyon. <i>Not Expected.</i> Outside of known species range. Located approximately 12.3 miles from species occurrence. Suitable grassland habitat may be present.</p>
arroyo toad <i>Anaxyrus californicus</i>	FE	None	SSC	Gravelly or sandy washes, stream and river banks, and arroyos where flow rates are great enough to keep silt and clay suspended. Found in desert wash, riparian scrub, riparian woodland, south coast flowing waters, and south coast standing waters.	<i>High.</i> There are 30 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2011. Species observations limited to Sisquoc and Santa Ynez rivers. Critical habitat for this species also occurs within the central portion of the County.	<p>East of Santa Maria. <i>High.</i> Located less than 1 mile from species occurrence.</p> <p>All other priority areas. <i>Not expected.</i> Outside of species range.</p>

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foothill yellow-legged frog - south coast DPS <i>Rana boylei</i> pop. 6	FE	SE	None	In California, species were found in most of the northwest and south throughout the foothill regions of the coast range (south to the San Gabriel River system, Los Angeles County) and along the western slopes of the Sierra Nevada south to Kern County, and through the Tehachapis and San Gabriel Mountains in southern California. Valley-foothill hardwood, valley-foothill hardwood-conifer, valley-foothill riparian, ponderosa pine, mixed conifer, mixed chaparral and wet meadows	<i>High.</i> There are 7 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2014.	East of Santa Maria. <i>Moderate.</i> Within species range. Located approximately 31.0 miles from species occurrence. Suitable habitat may be present. Los Olivos. <i>Low.</i> Within species range. Located approximately 17.1 miles from species occurrence. Limited suitable scrub habitat may be present. Jonata Park. <i>Low.</i> Within species range. Located approximately 22.9 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>High.</i> Within species range. Occurrence within priority area. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Outside of species range.

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California red-legged frog <i>Rana draytonii</i>	FT	None	SSC	Aquatic habitats including pools and backwaters within streams and creeks, ponds, marshes, springs, sag ponds, dune ponds and lagoons.	<i>High.</i> There are 132 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2022. Critical habitat for this species also occurs throughout the County.	<p>Guadalupe. <i>High.</i> Within species range. Occurrence within priority area. Suitable stream and creek habitat may be present.</p> <p>Casmalia. <i>High.</i> Within species range. Occurrence within priority area. Suitable stream and creek habitat may be present. Critical habitat present within this priority area.</p> <p>East of Santa Maria. <i>High.</i> Within species range. Occurrence within priority area. Suitable stream and creek habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Not expected.</i> Not within species range.</p> <p>Los Alamos. <i>High.</i> Within species range. Occurrence within priority area. Suitable stream and creek habitat may be present.</p> <p>Los Olivos. <i>High.</i> Within species range. Located approximately 3.1 miles from species occurrence. Suitable stream and creek habitat may be present.</p> <p>Jonata Park. <i>High.</i> Within species range. Occurrence within priority area. Suitable stream and creek habitat may be present.</p> <p>Hwy 246 Corridor. <i>High.</i> Within species range. Occurrence within priority area. Suitable stream and creek habitat may be present.</p> <p>Refugion Canyon. <i>High.</i> Within species range. Occurrence within priority area. Suitable stream and creek habitat may be present. Critical habitat present within this priority area.</p>

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western spadefoot <i>Spea hammondi</i>	FPT	None	SSC	Mixed woodland, grasslands, chaparral, sandy washes, lowlands, river floodplains, alluvial fans, playas, alkali flats, foothills, and mountains. Prefers washes and other sandy areas with patches of brush and rocks.	<i>High.</i> There are 120 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2019.	<p>Guadalupe. <i>Low.</i> Within species range. Located approximately 2.4 miles from species occurrence. Very limited suitable grassland habitat may be present.</p> <p>Casmalia. <i>High.</i> Within species range. Occurrence within priority area. Suitable grassland habitat may be present.</p> <p>East of Santa Maria. <i>High.</i> Within species range. Occurrence within priority area. Suitable habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Low.</i> Within species range. Located approximately 30.5 miles from species occurrence. Suitable grassland habitat may be present.</p> <p>Los Alamos. <i>High.</i> Within species range. Occurrence within priority area. Suitable grassland habitat may be present.</p> <p>Los Olivos. <i>High.</i> Within species range. Occurrence within priority area. Suitable grassland habitat may be present.</p> <p>Jonata Park. <i>High.</i> Within species range. Located approximately 3.0 miles from species occurrence. Suitable grassland habitat may be present.</p> <p>Hwy 246 Corridor. <i>High.</i> Within species range. Occurrence within priority area. Suitable grassland habitat.</p> <p>Refugio Canyon. <i>Moderate.</i> Within species range. Located approximately 8.7 miles from species occurrence. Suitable grassland habitat may be present.</p>
Coast Range newt <i>Taricha torosa</i>	None	None	SSC	Leave their aquatic habitat within a few weeks of breeding, and estivate terrestrially during the dry summer, residing in moist habitats under woodland debris, animal burrows, or in rock crevices.	<i>High.</i> There are 17 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2015.	<p>Refugio Canyon. <i>High.</i> Within species range. Occurrence within priority area. Suitable woodland.</p> <p>All other priority areas. <i>Not expected.</i> Outside of species range.</p>

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Reptiles						
Northern California legless lizard <i>Anniella pulchra</i>	None	None	SSC	Sandy or loose loamy soils under sparse vegetation. Soil moisture is essential. They prefer soils with a high moisture content.	<i>High.</i> There are 4 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 1976.	<p>Guadalupe. <i>Low.</i> Within species range. Located approximately 39.7 miles from species occurrence. Suitable habitat may be present.</p> <p>Casmalia. <i>Low.</i> Within species range. Located approximately 34.8 miles from species occurrence. Suitable habitat may be present.</p> <p>East of Santa Maria. <i>Low.</i> Within species range. Located approximately 21.4 miles from species occurrence. Suitable habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Low.</i> Within species range. Located approximately 16.5 miles from species occurrence. Suitable habitat may be present.</p> <p>Los Alamos. <i>Low.</i> Within species range. Located approximately 18.9 miles from species occurrence. Suitable habitat may be present.</p> <p>Los Olivos. <i>Low.</i> Within species range. Located approximately 9.1 miles from species occurrence. Suitable habitat may be present.</p> <p>Jonata Park. <i>Low.</i> Within species range. Located approximately 15.9 miles from species occurrence. Suitable habitat may be present.</p> <p>Hwy 246 Corridor. <i>Low.</i> Within species range. Located approximately 18.0 miles from species occurrence. Suitable habitat may be present.</p> <p>Refugio Canyon. <i>Low.</i> Within species range. Located approximately 14.7 miles from species occurrence. Suitable habitat may be present.</p>
California legless lizard <i>Anniella</i> spp.	None	None	SSC	Occurs in sparsely vegetated areas of beach/coastal dunes, chaparral, pine-oak woodlands, desert scrub, sandy washes, and stream terraces with sycamores, cottonwoods, or oaks.	<i>High.</i> There are 5 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 1983.	All priority areas. <i>Low.</i> Study area is within known species range; however, all occurrences of this species in the County are located near the City of Carpinteria and are at least 28 miles from the priority areas.

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California glossy snake <i>Arizona elegans occidentalis</i>	None	None	SSC	Inhabits arid scrub, rocky washes, and grasslands, and chaparral habitats.	<i>High.</i> There are 17 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2015. All occurrences of this species have been located along Hwy 166.	Cuyama and New Cuyama. <i>High.</i> Within species range. Located less than 1 mile from species occurrence. Suitable grassland habitat may be present. All other priority areas. <i>Not expected.</i> Located outside of species range (California Herps, XXXX).
coastal whiptail <i>Aspidoscelis tigris stejnegeri</i>	None	None	SSC	Found in deserts and semi-arid areas with sparse vegetation and open areas. Also found in woodland and riparian areas. Ground may be firm soil, sandy, or rocky.	<i>Moderate.</i> There is 1 known CNDDDB occurrence of this species within the County, which was recorded in 2013.	All priority areas. <i>Low.</i> Priority areas are within species range; however, the priority areas are located at least 19 miles from species occurrence.
southwestern pond turtle <i>Actinemys pallida</i>	FPT	None	SSC	Known to occur in slow-moving permanent or intermittent streams, ponds, small lakes, rivers, streams, marshes, irrigation ditches with abundant vegetation, reservoirs with emergent basking sites, and either rocky or muddy bottoms.	<i>High.</i> There are 99 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2022.	Guadalupe. <i>Moderate.</i> Within species range. Located approximately 4.2 miles from species occurrence. Suitable creek habitat may be present. Casmalia. <i>High.</i> Within species range. Occurrence within priority area. Suitable creek habitat may be present. East of Santa Maria. <i>High.</i> Within species range. Occurrence within priority area. Suitable riverine and creek habitat may be present. Cuyama and New Cuyama. <i>High.</i> Within species range. Located approximately 4.6 miles from species occurrence. Suitable creek habitat may be present. Los Alamos. <i>High.</i> Within species range. Located approximately 4.4 miles from species occurrence. Suitable creek habitat may be present. Los Olivos. <i>High.</i> Within species range. Located approximately 4.4 miles from species occurrence. Suitable creek habitat may be present. Jonata Park. <i>High.</i> Within species range. Located approximately 1.7 miles from species occurrence. Suitable creek habitat may be present. Hwy 246 Corridor. <i>High.</i> Within species range. Located less than 1 mile from species occurrence. Suitable creek habitat may be present. Refugio Canyon. <i>High.</i> Within species range. Occurrence within priority area. Suitable creek habitat may be present.

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blunt-nosed leopard lizard <i>Gambelia sila</i>	FE	SE	FP	Resident of sparsely vegetated alkali and desert scrub habitats, in areas of low topographic relief.	<i>High.</i> There are 9 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2007.	Cuyama and New Cuyama. <i>Low.</i> Within species range. Less than 1 mile from species occurrence. However, suitable scrub habitat is not present. All other priority areas. <i>Not expected.</i> Outside of species range.
coast horned lizard <i>Phrynosoma blainvillii</i>	None	None	SSC	Prefers sandy riparian and sage scrub habitats but also occurs in valley-foothill hardwood, conifer, pine-cypress, juniper and annual grassland habitats	<i>High.</i> There are 27 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2017.	Guadalupe. <i>Moderate.</i> Within species range. Located approximately 9.8 miles from known CNDDDB occurrence. Observation within the vicinity of the priority area documented in iNaturalist. Limited suitable habitat may be present. Casmalia. <i>High.</i> Within species range. Located approximately 2.1 miles from known CNDDDB occurrence. Suitable grassland and sage scrub habitat may be present. East of Santa Maria. <i>High.</i> Within species range. Located less than 1 mile from known CNDDDB occurrence. Suitable grassland and sage scrub habitat may be present. Cuyama and New Cuyama. <i>High.</i> Within species range. Located approximately 3.2 miles from known CNDDDB occurrence. Suitable grassland habitat may be present. Los Alamos. <i>Moderate.</i> Within species range. Located approximately 4.0 miles from known CNDDDB occurrence. Observation within the vicinity of the priority area documented in iNaturalist. Suitable grassland and sage scrub habitat may be present. Los Olivos. <i>Moderate.</i> Within species range. Located approximately 4.9 miles from known CNDDDB occurrence. Observation within the vicinity of the priority area documented in iNaturalist. Suitable grassland and sage scrub habitat may be present. Jonata Park. <i>Low.</i> Within species range. Located approximately 9.4 miles from known CNDDDB occurrence. However, suitable grassland and sage scrub habitat is present. Hwy 246 Corridor. <i>High.</i> Within species range. Located approximately 2.4 miles from known CNDDDB occurrence. Observation within the priority area documented in iNaturalist. Suitable grassland and sage scrub habitat may be present. Refugio Canyon. <i>High.</i> Within species range. Occurrence within priority area. Suitable grassland and sage scrub habitat may be present.

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coast patch-nosed snake <i>Salvadora hexalepis virgultea</i>	None	None	SSC	Known to inhabit semi-arid brushy areas and chaparral in canyons, rocky hillsides, and plains with sandy soils and leaf litter.	<i>High.</i> There are 8 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2004.	<p>Los Olivos. <i>Low.</i> Within species range. Located approximately 10.4 miles from species occurrence. Limited suitable chaparral habitat may be present.</p> <p>Jonata Park. <i>Not expected.</i> No suitable habitat present.</p> <p>Hwy 246 Corridor. <i>Low.</i> Within species range. Located approximately 14.9 miles from species occurrence. Extremely limited suitable habitat may be present.</p> <p>Refugio Canyon. <i>High.</i> Within species range. Located approximately 4.5 miles from species occurrence. Suitable chaparral habitat in canyons present.</p> <p>All other priority areas. <i>Low.</i> Within species range; however, priority areas are located greater than 21 miles from species occurrence.</p>
two-striped gartersnake <i>Thamnophis hammondi</i>	None	None	SSC	Habitat includes marsh and swamp, riparian scrub, riparian woodland, and wetland.	<i>High.</i> There are 24 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2016.	<p>Guadalupe. <i>Low.</i> Within species range. Located approximately 10.8 miles from species occurrence. Limited suitable riparian and wetland habitat may be present.</p> <p>Casmalia. <i>Moderate.</i> Within species range. Located approximately 4.2 miles from species occurrence. Suitable riparian and wetland habitat may be present.</p> <p>East of Santa Maria. <i>Low.</i> Within species range. Located approximately 5.2 miles from species occurrence. Limited suitable riparian and wetland habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Not expected.</i> Outside of known range.</p> <p>Los Alamos. <i>Low.</i> Within species range. Located approximately 9.9 miles from species occurrence. Observation within the vicinity of the priority area documented in iNaturalist. Limited suitable riparian and wetland habitat may be present.</p> <p>Los Olivos. <i>Low.</i> Within species range. Located approximately 2.0 miles from species occurrence. Extremely limited suitable riparian and wetland habitat may be present.</p> <p>Jonata Park. <i>Low.</i> Within species range. Located approximately 3.1 miles from species occurrence. Extremely limited suitable riparian and wetland habitat may be present.</p> <p>Hwy 246 Corridor. <i>Low.</i> Within species range. Located approximately 2.5 miles from species occurrence. Limited suitable riparian and wetland habitat may be present.</p> <p>Refugio Canyon. <i>High.</i> Within species range. Occurrence within priority area. Suitable riparian and wetland habitat may be present.</p>

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island night lizard <i>Xantusia riversiana</i>	Delisted	None	None	Chaparral, cismontane woodland, coastal dunes. Found in a wide variety of habitats on 3 of the Channel Islands: Santa Barbara, San Clemente, and San Nicolas.	<i>High</i> . There are 2 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 1996.	All priority areas. <i>Not expected</i> . Outside of species range. All known CNDDDB occurrences of this species are located on the Channel Islands.
Birds						
Cooper's hawk <i>Accipiter cooperii</i>	None	None	WL	Inhabits cismontane woodland, riparian forest, riparian woodland, upper montane coniferous forest, or other forest habitats near water.	<i>High</i> . There are 5 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2009.	<p>Guadalupe. <i>High</i> (Nesting). <i>High</i> (Foraging). Located approximately 19.5 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present.</p> <p>Casmalia. <i>High</i> (Nesting). <i>High</i> (Foraging). Observation within the priority area documented in eBird. Suitable habitat may be present.</p> <p>East of Santa Maria. <i>High</i> (Nesting). <i>High</i> (Foraging). Observation within the priority area documented in eBird. Suitable habitat may be present.</p> <p>Cuyama and New Cuyama. <i>High</i> (Nesting). <i>High</i> (Foraging). Observation within the priority area documented in eBird. Suitable habitat may be present.</p> <p>Los Alamos. <i>High</i> (Nesting). <i>High</i> (Foraging). Observation within the priority area documented in eBird. Suitable habitat may be present.</p> <p>Los Olivos. <i>High</i> (Nesting). <i>High</i> (Foraging). Observation within the priority area documented in eBird. Suitable habitat may be present.</p> <p>Jonata Park. <i>High</i> (Nesting). <i>High</i> (Foraging). Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present.</p> <p>Hwy 246 Corridor. <i>High</i> (Nesting). <i>High</i> (Foraging). Observation within the priority area documented in eBird. Suitable habitat may be present.</p> <p>Refugio Canyon. <i>High</i> (Nesting). <i>High</i> (Foraging). Located approximately 4.1 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present.</p>

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tricolored blackbird <i>Agelaius tricolor</i>	None	ST	SSC, BCC	Known to occur in freshwater marsh, marsh, swap, and wetland.	<i>High.</i> There are 4 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2009.	<p>Guadalupe. <i>High.</i> Within species range. Located approximately 39.7 miles from species occurrence. Observation within the priority area documented in eBird. Limited wetland habitat may be present.</p> <p>Casmalia. <i>High.</i> Within species range. Located approximately 34.5 miles from species occurrence. Observation within the priority area documented in eBird. Limited wetland habitat may be present.</p> <p>East of Santa Maria. <i>High.</i> Within species range. Located approximately 20.7 miles from species occurrence. Observation within the priority area documented in eBird. Very limited wetland habitat may be present.</p> <p>Cuyama and New Cuyama. <i>High.</i> Within species range. Located approximately 16.4 miles from species occurrence. Observation within the priority area documented in eBird. Limited suitable habitat may be present.</p> <p>Los Alamos. <i>Moderate.</i> Within species range. Located approximately 19.0 miles from species occurrence. Observation within the vicinity of the priority area documented in eBird. Limited suitable habitat may be present.</p> <p>Los Olivos. <i>Moderate.</i> Within species range. Located approximately 9.1 miles from species occurrence. Observation within the priority area documented in eBird. Extremely limited suitable habitat may be present.</p> <p>Jonata Park. <i>Low.</i> Within species range. Located approximately 15.9 miles from species occurrence. Limited suitable habitat may be present.</p> <p>Hwy 246 Corridor. <i>Moderate.</i> Within species range. Located approximately 17.9 miles from species occurrence. Observation within the priority area documented in eBird. Limited suitable habitat may be present.</p> <p>Refugio Canyon. <i>Moderate.</i> Observation within the priority area documented in eBird.</p>

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southern California rufous-crowned sparrow <i>Aimophila ruficeps canescens</i>	None	None	WL	Known to frequent relatively steep, often rocky hillsides with grass and forb species. Resident in Southern California coastal sage scrub and sparse mixed chaparral.	<i>High.</i> There are 4 known CNDDDB occurrences of this species within the County. Of these, the most recent occurrence was recorded in 2013.	<p>Guadalupe. <i>Low.</i> Located approximately 18.3 miles from species occurrence. Observation within the vicinity of the priority area documented in eBird. Extremely limited suitable habitat may be present.</p> <p>Casmalia. <i>Moderate.</i> Located approximately 13.1 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present.</p> <p>East of Santa Maria. <i>High.</i> Located less than 1 mile from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Low.</i> Located approximately 32.8 miles from species occurrence. Observation within the vicinity of the priority area documented in eBird. Extremely limited suitable habitat may be present.</p> <p>Los Alamos. <i>Moderate.</i> Located approximately 4.9 miles from species occurrence. Observation within the vicinity of the priority area documented in eBird. Limited suitable habitat may be present.</p> <p>Los Olivos. <i>Moderate.</i> Located approximately 12.2 miles from species occurrence. Observation within the priority area documented in eBird. Limited suitable habitat may be present.</p> <p>Jonata Park. <i>Moderate.</i> Located approximately 10.8 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present.</p> <p>Hwy 246 Corridor. <i>Moderate.</i> Located approximately 10.3 miles from species occurrence. Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present.</p> <p>Refugio Canyon. <i>High.</i> Located approximately 2.0 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present.</p>

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grasshopper sparrow <i>Ammodramus savannarum</i>	None	None	SSC	Known to occur in dense grasslands on rolling hills, lowland plains, in valleys and on hillsides on lower mountain slopes. Favors native grasslands with a mix of grasses, forbs, and scattered shrubs.	<i>High.</i> There are 2 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2008.	<p>Guadalupe. <i>Low.</i> Within species summer range. Located greater than 20 miles from species occurrence. Observation within the vicinity of the priority area documented in eBird. Limited suitable habitat may be present.</p> <p>Casmalia. <i>Moderate.</i> Within species summer range. Located greater than 20 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present.</p> <p>East of Santa Maria. <i>Low.</i> Within species summer range. Located greater than 20 miles from species occurrence. Suitable habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Low.</i> Within species summer range. Located greater than 20 miles from species occurrence. Suitable habitat may be present.</p> <p>Los Alamos. <i>Low.</i> Within species summer range. Located greater than 20 miles from species occurrence. Suitable habitat may be present.</p> <p>Los Olivos. <i>Low.</i> Within species summer range. Located greater than 20 miles from species occurrence. Suitable habitat may be present.</p> <p>Jonata Park. <i>Low.</i> Within species summer range. Located greater than 20 miles from species occurrence. Suitable habitat may be present.</p> <p>Hwy 246 Corridor. <i>Low.</i> Within species summer range. Located greater than 20 miles from species occurrence. Observation within the priority area from 1996 documented in eBird. Suitable habitat may be present.</p> <p>Refugio Canyon. <i>Low.</i> Within species summer range. Located approximately 14.6 miles from species occurrence. Suitable habitat may be present.</p>

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golden eagle <i>Aquila chrysaetos</i>	None	None	FP, WL	Broadleaved upland forest, cismontane woodland, coastal prairie, great basin grassland, great basin scrub, lower montane coniferous forest, pinon and juniper woodlands, upper montane coniferous forest, valley and foothill grassland. Rolling foothills, mountain areas, sage-juniper flats, and desert. Cliff-walled canyons provide nesting habitat in most parts of range; also, large trees in open areas.	<i>High.</i> There are 2 known CNDDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2008.	<p>Guadalupe. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Within species range. Located approximately 39.6 miles from species occurrence. Observation within priority area documented in eBird. Limited suitable habitat may be present.</p> <p>Casmalia. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Within species range. Located approximately 34.3 miles from species occurrence. Observation within priority area documented in eBird. Suitable habitat may be present.</p> <p>East of Santa Maria. <i>Moderate</i> (Nesting). <i>Moderate</i> (Foraging). Within species range. Located approximately 21.9 miles from species occurrence. Observation within the vicinity of priority area documented in eBird. Suitable habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Within species range. Located approximately 25.5 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present.</p> <p>Los Alamos. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Within species range. Located approximately 17.5 miles from species occurrence. Observation within the priority area documented in eBird. Limited suitable habitat may be present.</p> <p>Los Olivos. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Within species range. Located approximately 6.2 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present.</p> <p>Jonata Park. <i>Moderate</i> (Nesting). <i>Moderate</i> (Foraging). Within species range. Located approximately 12.1 miles from species occurrence. Observation within the vicinity of priority area documented in eBird. Suitable habitat may be present.</p> <p>Hwy 246 Corridor. <i>Moderate</i> (Nesting). <i>Moderate</i> (Foraging). Within species range. Located approximately 13.2 miles from species occurrence. Observation within the vicinity of priority area documented in eBird. Suitable habitat may be present.</p> <p>Refugio Canyon. <i>Moderate</i> (Nesting). <i>Moderate</i> (Foraging). Within species range. Located approximately 8.4 miles from species occurrence. Observation within the vicinity of priority area documented in eBird. Suitable habitat may be present.</p>

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Bell's sparrow <i>Artemisiospiza belli belli</i>	None	None	WL	Inhabits large, unfragmented blocks of coastal sage scrub, southern mixed chaparral habitats.	<i>Moderate.</i> There is 1 known CNDDDB occurrence of this species within the County, which was recorded in 1994.	<p>Guadalupe. <i>Not expected.</i> Not within species range.</p> <p>Casmalia. <i>Not expected.</i> Not within species range.</p> <p>East of Santa Maria. <i>Low.</i> Within species range. Located greater than 20 miles from species occurrence. Observation within the vicinity of the priority area documented in eBird. Limited suitable habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Moderate.</i> Observation within the priority area documented in eBird. Limited suitable habitat may be present.</p> <p>Los Alamos. <i>Low.</i> Within species range. Located greater than 20 miles from species occurrence. Extremely limited suitable habitat may be present.</p> <p>Los Olivos. <i>Low.</i> Within species range. Located approximately 19.2 miles from species occurrence. Limited suitable habitat may be present.</p> <p>Jonata Park. <i>Low.</i> Within species range. Located greater than 20 miles from species occurrence. Suitable habitat may be present.</p> <p>Hwy 246 Corridor. <i>Moderate.</i> Within species range. Located greater than 20 miles from species occurrence. Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present.</p> <p>Refugio Canyon. <i>Moderate.</i> Within species range. Located approximately 14.3 miles from species occurrence. Suitable habitat may be present.</p>
short-eared owl <i>Asio flammeus</i>	None	None	SSC, BCC	Open country, usually with tall grass, in scattered regions around the Northern Hemisphere. Primarily a rare winter visitor in southern California, but recorded at Mystic Lake in the San Jacinto Valley, Riverside County, in summer 1992 and Harper Dry Lake, San Bernardino County, in summer 1993.	<i>Moderate.</i> There is 1 known CNDDDB occurrence of this species within the County, which was recorded in 1994.	<p>Guadalupe. <i>Not expected.</i> Within species range. Suitable habitat not present.</p> <p>Casmalia. <i>Low.</i> Within species range. Suitable habitat may be present. Located approximately 50.9 miles from species occurrence.</p> <p>Refugio Canyon. <i>Low.</i> Within species range. Suitable habitat may be present. Located approximately 35.9 miles from species occurrence.</p> <p>All other priority areas. <i>Not expected.</i> Outside of species range.</p>

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burrowing owl <i>Athene cunicularia</i>	None	None	SSC, BCC	Open, dry annual or perennial grasslands, deserts and scrublands characterized by low-growing vegetation.	<i>High.</i> There are 4 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 2009.	<p>Guadalupe. <i>Not expected.</i> Suitable habitat not present.</p> <p>Casmalia. <i>Moderate.</i> Within species summer range. Located approximately 2.9 miles from species occurrence. Observation of wintering burrowing owl within the vicinity of the priority area documented in eBird. Suitable grassland habitat may be present.</p> <p>East of Santa Maria. <i>Moderate.</i> Within species summer range. Located approximately 9.1 miles from species occurrence. Suitable habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Moderate.</i> Within species summer range. Located approximately 43.2 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present.</p> <p>Los Alamos. <i>Not expected.</i> Outside of species range.</p> <p>Los Olivos. <i>Moderate.</i> Within yearlong species range. Located approximately 20.0 miles from species occurrence. Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present.</p> <p>Jonata Park. <i>Low.</i> Within yearlong species range. v23.0 miles from species occurrence. Suitable habitat may be present.</p> <p>Hwy 246 Corridor. <i>Low.</i> Within yearlong species range. Located approximately 23.5 miles from species occurrence. Suitable habitat may be present.</p> <p>Refugio Canyon. <i>Moderate.</i> Within yearlong species range. Located approximately 10.1 miles from species occurrence. Suitable habitat may be present.</p>

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ferruginous hawk <i>Buteo regalis</i>	None	None	WL	Open grasslands, sagebrush flats, desert scrub, low foothills and fringes of pinyon and juniper habitats.	<i>High</i> . There are 2 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 1992.	<p>Guadalupe. <i>Not expected</i> (Nesting). <i>High</i> (Foraging). Within species range. Located greater than 34 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present. Wintering range only.</p> <p>Casmalia. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Within species range. Located greater than 34 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present. Wintering range only.</p> <p>East of Santa Maria. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Within species range. Located greater than 34 miles from species occurrence. Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present. Wintering range only.</p> <p>Cuyama and New Cuyama. <i>Not expected</i> (Nesting). <i>High</i> (Foraging). Within species range. Located greater than 34 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present. Wintering range only.</p> <p>Los Alamos. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Within species range. Located approximately 8.8 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present. Wintering range only.</p> <p>Los Olivos. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Within species range. Located approximately 4.7 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present. Wintering range only.</p> <p>Jonata Park. <i>Not expected</i> (Nesting). <i>High</i> (Foraging). Within species range. Located less than 1 mile from species occurrence. Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present. Wintering range only.</p> <p>Hwy 246 Corridor. <i>Not expected</i> (Nesting). <i>High</i> (Foraging). Within species range. Located less than 1 mile from species occurrence. Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present. Wintering range only.</p> <p>Refugio Canyon. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Within species range. Located approximately 7.4 miles from species occurrence. Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present. Wintering range only.</p>

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Swainson's hawk <i>Buteo swainsoni</i>	None	ST	None	Found in Great Basin grassland, riparian forest, riparian woodland, valley and foothill grassland.	<i>Moderate</i> . There is 1 known CNDDDB occurrence of this species within the County, which was recorded in 1896.	<p>Guadalupe. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Outside of the known nesting range for the species. Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present. Outside of known nesting range.</p> <p>Casmalia. <i>Not expected</i> (Nesting). <i>Low</i> (Foraging). Outside of the known nesting range for the species. Suitable habitat may be present. Outside of known nesting range.</p> <p>East of Santa Maria. <i>Not expected</i> (Nesting). <i>Low</i> (Foraging). Outside of the known nesting range for the species. Suitable habitat may be present. Outside of known nesting range.</p> <p>Cuyama and New Cuyama. <i>Not expected</i> (Nesting). <i>High</i> (Foraging). Outside of the known nesting range for the species. Observation within the priority area documented in eBird. Suitable habitat may be present. Outside of known nesting range.</p> <p>Los Alamos. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Outside of the known nesting range for the species. Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present. Outside of known nesting range.</p> <p>Los Olivos. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Outside of the known nesting range for the species. Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present. Outside of known nesting range.</p> <p>Jonata Park. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Outside of the known nesting range for the species. Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present. Outside of known nesting range.</p> <p>Hwy 246 Corridor. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Outside of the known nesting range for the species. Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present. Outside of known nesting range.</p> <p>Refugio Canyon. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Outside of the known nesting range for the species. Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present. Outside of known nesting range.</p>
rhinoceros auklet <i>Cerorhinca monocerata</i>	None	None	WL	Found on off-shore islands and rocks along the California coast.	<i>High</i> . There are 3 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 1992.	<p>Refugio Canyon. <i>Low</i>. Within species range. Located approximately 1.3 miles from species occurrence. Observation within the vicinity of the priority area documented in eBird. Limited suitable habitat may be present.</p> <p>All other priority areas. <i>Not expected</i>. Outside of species range.</p>

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western snowy plover <i>Charadrius nivosus nivosus</i>	FT	None	SS C	Found in Great Basin standing waters, sand shore, wetland. Sandy beaches, salt pond levees & shores of large alkali lakes.	<i>High</i> . There are 12 known CNDDB occurrences of this species within the County, the most recent of which was recorded in 2014. Critical habitat for this species also occurs within the northwestern portion of the County.	Refugio Canyon. <i>High</i> . Within species range. Located approximately 1.3 miles from species occurrence. Observation within the priority area documented in eBird. Limited suitable habitat may be present. All other priority areas. <i>Not expected</i> . Outside of species range.
yellow rail <i>Coturnicops noveboracensis</i>	None	None	SS C, BC C	Known to occur within freshwater marshlands, meadows, and seeps.	<i>Low</i> . There is 1 known CNDDB occurrence of this species in the County, which was recorded in 1996.	All priority areas. <i>Not expected</i> . Outside of species range.
white-tailed kite <i>Elanus leucurus</i>	None	None	FP	Rolling foothills and valley margins with scattered oaks and river bottomlands or marshes next to deciduous woodland. Open grasslands, meadows, or marshes for foraging close to isolated, dense-topped trees for nesting and perching.	<i>High</i> . There are 4 known CNDDB occurrences of this species within the County, the most recent of which was recorded in 2009.	Guadalupe. <i>High</i> (Nesting). <i>High</i> (Foraging). Observation within the priority area documented in eBird. Limited suitable habitat may be present. Casmalia. <i>Moderate</i> (Nesting) <i>Moderate</i> (Foraging). Within species range. Located more than 30 miles from species occurrence. Observation within the priority area documented in eBird. Limited woodland present. East of Santa Maria. <i>Moderate</i> (Nesting). <i>Moderate</i> (Foraging). Within species range. Located more than 30 miles from species occurrence. Observation within the vicinity of the priority area documented in eBird. Limited woodland present. Cuyama and New Cuyama. <i>Moderate</i> (Nesting). <i>Moderate</i> (Foraging). Suitable habitat may be present. Los Alamos. <i>Moderate</i> (Nesting). <i>Moderate</i> (Foraging). Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present. Los Olivos. <i>Moderate</i> (Nesting). <i>Moderate</i> (Foraging). Observation within the priority area documented in eBird. Suitable habitat may be present. Jonata Park. <i>Moderate</i> (Nesting). <i>Moderate</i> (Foraging). Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present. Hwy 246 Corridor. <i>Moderate</i> (Nesting). <i>Moderate</i> (Foraging). Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present. Refugio Canyon. <i>High</i> (Nesting). <i>High</i> (Foraging). Observation within the priority area documented in eBird. Suitable habitat may be present.

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southwestern willow flycatcher <i>Empidonax traillii extimus</i>	FE	SE	None	For nesting, species requires dense riparian habitats (cottonwood/willow and tamarisk vegetation) with microclimatic conditions dictated by the local surroundings.	<i>High.</i> There are 5 known CNDDDB occurrences of this species within the County. Of these, the most recent occurrence was recorded in 1995. Critical habitat for this species also occurs within the western portion of the County.	<p>Guadalupe. <i>Low.</i> Located approximately 29.5 miles from species occurrence. Suitable habitat may be present.</p> <p>Casmalia. <i>Low.</i> Located approximately 22.3 miles from species occurrence. Suitable habitat may be present.</p> <p>East of Santa Maria. <i>Low.</i> Located approximately 15.3 miles from species occurrence. Suitable habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Low.</i> Located approximately 23.8 miles from species occurrence. Suitable habitat may be present.</p> <p>Los Alamos. <i>Low.</i> Located approximately 8.1 miles from species occurrence. Suitable habitat may be present.</p> <p>Los Olivos. <i>Low.</i> Located approximately 6.4 miles from species occurrence. Suitable habitat may be present.</p> <p>Jonata Park. <i>Low.</i> Located approximately 1.4 miles from species occurrence. Suitable habitat may be present.</p> <p>Hwy 246 Corridor. <i>High.</i> Occurrence within priority area. Suitable habitat may be present. Critical habitat for this species also occurs within this Priority Area.</p> <p>Refugio Canyon. <i>Low.</i> Located approximately 8.9 miles from species occurrence. Suitable habitat may be present.</p>

Common Name Scientific Name	Federal ESA Status	State ESA Status	CDFW	Preferred Habitat	Potential to Occur within Santa Barbara County	Potential to Occur within 9 Priority Areas
California horned lark <i>Eremophila alpestris actia</i>	Non e	None	WL	Found from grasslands along the coast and deserts near sea level to alpine dwarf-shrub habitat above the treeline. During the winter, this species typically flocks in desert lowlands.	<i>High.</i> There are 2 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 2015.	<p>Guadalupe. <i>Moderate.</i> Within species range. Located approximately 18.2 miles from species occurrence. Observation within the priority area documented in eBird. Limited suitable habitat may be present.</p> <p>Casmalia. <i>Low.</i> Within species range. Located approximately 13.1 miles from species occurrence. Suitable habitat may be present.</p> <p>East of Santa Maria. <i>High.</i> Within species range. Located less than 1 mile from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Moderate.</i> Within species range. Located approximately 32.6 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present.</p> <p>Los Alamos. <i>High.</i> Within species range. Located approximately 5.1 miles from species occurrence. Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present.</p> <p>Los Olivos. <i>Moderate.</i> Within species range. Located approximately 13.3 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present.</p> <p>Jonata Park. <i>Moderate.</i> Within species range. Located approximately 12.8 miles from species occurrence. Suitable habitat may be present.</p> <p>Hwy 246 Corridor. <i>Moderate.</i> Within species range. Located approximately 11.3 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present.</p> <p>Refugio Canyon. <i>Moderate.</i> Within species range. Located approximately 9.9 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present.</p>

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American peregrine falcon <i>Falco peregrinus anatum</i>	Delisted	Delisted	None	Known to occur near wetlands, lakes, rivers, or other water; on cliffs, banks, dunes, mounds; also, human-made structures. Nest consists of a scrape or a depression or ledge in an open site.	<i>High.</i> There are 5 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 2016.	Guadalupe. <i>Moderate</i> (Nesting). <i>Moderate</i> (Foraging). Observation within the priority area documented in eBird. Limited suitable habitat may be present. Casmalia. <i>Low</i> (Nesting). <i>Low</i> (Foraging). Limited suitable habitat may be present. East of Santa Maria. <i>Low</i> (Nesting). <i>Low</i> (Foraging). Limited suitable habitat may be present. Cuyama and New Cuyama. <i>Low</i> (Nesting). <i>Low</i> (Foraging). Limited suitable habitat may be present. Los Alamos. <i>Low</i> (Nesting). <i>Low</i> (Foraging). Limited suitable habitat may be present. Los Olivos. <i>Low</i> (Nesting). <i>Low</i> (Foraging) Limited suitable habitat may be present. Jonata Park. <i>Low</i> (Nesting). <i>Low</i> (Foraging) Limited suitable habitat may be present. Hwy 246 Corridor. <i>Low</i> (Nesting). <i>Low</i> (Foraging). Limited suitable habitat may be present. Refugio Canyon. <i>Low</i> (Nesting). <i>Low</i> (Foraging). Limited suitable habitat may be present.
tufted puffin <i>Fratercula cirrhata</i>	None	None	SSC, BCC	Open-ocean bird, nests along the coast on islands, islets, or (rarely) mainland cliffs.	<i>High.</i> There is 1 known CNDDDB occurrence of this species within the County, which was recorded in 1992.	All priority areas. <i>Not expected.</i> Outside of species range.
California condor <i>Gymnogyps californianus</i>	FE	SE	FP	Scavenge for carrion in habitats ranging from Pacific beaches to mountain forests and meadows. They nest in caves on cliff faces in mountains up to 6,000 feet in elevation.	<i>Moderate.</i> There are 3 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 1983. Critical habitat for this species also occurs within the eastern portion of the County.	East of Santa Maria. <i>Not expected</i> (Nesting). <i>Low</i> (Foraging). Within species range. Located approximately 24.2 miles from species occurrence. Cuyama and New Cuyama. <i>Not expected</i> (Nesting). <i>Moderate to high.</i> (Foraging). Within species range. Located approximately 7.0 miles from known CNDDDB occurrence. Los Olivos. <i>Not expected</i> (Nesting). <i>Moderate.</i> (Foraging). Within species range. Located approximately 14.9 miles from species occurrence. All other priority areas. <i>Not expected</i> (Nesting) <i>Not expected</i> (Foraging). <i>Not expected</i> (Foraging). Outside of species range.

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bald eagle <i>Haliaeetus leucocephalus</i>	Delisted	SE	FP	Typically nest in forested areas adjacent to large bodies of water, staying away from heavily developed areas when possible. For perching, bald eagles prefer tall, mature coniferous or deciduous trees that afford a wide view of the surroundings.	<i>High.</i> There is 1 known CNDDDB occurrence of this species within the County, which was recorded in 1996.	East of Santa Maria. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Within species range. Located approximately 26.3 miles from species occurrence. Observation within the priority area documented in eBird. Limited suitable forested habitat may be present. The priority area is 5.35 miles southeast of Twitchell Reservoir where this species is also documented in eBird. Refugio Canyon. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Within species range. Located approximately 10.4 miles from species occurrence. Limited suitable forest habitat may be present. All other priority areas. <i>Not expected</i> (Nesting). <i>Moderate</i> (Foraging). Within species range. Extremely limited suitable forested habitat may be present.
ashy storm-petrel <i>Hydrobates homochroa</i>	None	None	SSC, BCC	Protected deepwater coastal communities. Colonial nester on off-shore islands. Usually nests on driest part of islands. Forages over open ocean.	<i>High.</i> There are 12 known CNDDDB occurrence of this species within the County, the most recent of which was recorded in 2006.	All priority areas. <i>Not expected.</i> Outside of species range.
black storm-petrel <i>Hydrobates melania</i>	BCC	None	SSC, BCC	Protected deepwater coastal communities. Colonial nester on Santa Barbara Island. Forages in open ocean, in channel waters, and also far off-shore.	<i>High.</i> There are 12 known CNDDDB occurrence of this species within the County, the most recent of which was recorded in 2006.	All priority areas. <i>Not expected.</i> Outside of species range.
California black rail <i>Laterallus jamaicensis coturniculus</i>	None	ST	FP	Known to occur in brackish and freshwater marshes. Inhabits riparian thickets of willow and other brushy tangles near watercourses. Needs water depths of about 1 inch that does not fluctuate during the year and dense vegetation for nesting habitat.	<i>High.</i> There is 1 known CNDDDB occurrence of this species within the County, which was recorded in 1917.	All priority areas. <i>Not expected.</i> Outside of species range.

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Channel Island song sparrow <i>Melospiza melodia graminea</i>	None	None	SSC, BCC	Chaparral, coastal scrub, riparian scrub. Currently known from San Miguel and Santa Rosa Islands; believed extirpated from Santa Barbara and San Clemente Islands. Need moderately dense scrubby vegetation for nesting, a water source, and exposed ground for foraging.	<i>Moderate.</i> There are 3 known CNDDB occurrences of this species within the County. Of these, the most recent observation was recorded in 2006.	All priority areas. <i>Not expected.</i> Outside of species range.
double-crested cormorant <i>Nannopterum auritum</i>	None	None	WL	Colonial waterbirds that seek aquatic bodies large enough to support their fish diet, but can nest in clusters or trees near smaller lagoons or ponds.	<i>High.</i> There are 6 known CNDDB occurrences of this species within the County, the most recent of which was recorded in 2006.	<p>Guadalupe. <i>Moderate.</i> Within species range. Located greater than 20 miles from species occurrence. Observation within the priority area documented in eBird. Limited suitable habitat near water bodies.</p> <p>Casmalia. <i>Low.</i> Within species range. Located greater than 20 miles from species occurrence. Limited suitable habitat near water bodies.</p> <p>East of Santa Maria. <i>Low.</i> Within species range. Located greater than 20 miles from species occurrence. Observation within the vicinity of the priority area documented in eBird. Limited suitable habitat near water bodies.</p> <p>Cuyama and New Cuyama. <i>Moderate.</i> Observation within the priority area documented in eBird. Limited suitable habitat near water bodies.</p> <p>Los Alamos. <i>Low.</i> Within species range. Located greater than 20 miles from species occurrence. Observation within the vicinity of the priority area documented in eBird. Limited suitable habitat near water bodies.</p> <p>Los Olivos. <i>Not expected.</i> Within species range. No suitable habitat present.</p> <p>Jonata Park. <i>Low.</i> Within species range. Located greater than 20 miles from species occurrence. Limited suitable habitat near water bodies.</p> <p>Hwy 246 Corridor. <i>Low.</i> Within species range. Located greater than 20 miles from species occurrence. Observation within the vicinity of the priority area documented in eBird. Limited suitable habitat near water bodies.</p> <p>Refugio Canyon. <i>High.</i> Within species range. Located approximately 12.8 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present.</p>

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Belding's savannah sparrow <i>Passerculus sandwichensis beldingi</i>	None	SE	BCC	Inhabits coastal salt marshes, from Santa Barbara south through San Diego County. Nests in Salicornia on and about margins of tidal flats.	<i>High.</i> There are 4 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 2016.	Refugio Canyon. <i>Not expected.</i> Outside of known range. All other priority areas. <i>Not expected.</i> Suitable habitat not present.
California brown pelican <i>Pelecanus occidentalis californicus</i>	Delisted	Delisted	None	Colonial nester on coastal islands just outside the surf line. Nests on coastal islands of small to moderate size which afford immunity from attack by ground-dwelling predators. Roosts communally.	<i>High.</i> There are 11 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 2007.	All priority areas. <i>Not expected.</i> Outside of known range.
purple martin <i>Progne subis</i>	None	None	SSC	Inhabits woodlands, low elevation coniferous forest of Douglas-fir, ponderosa pine, and Monterey pine.	<i>High.</i> There are 3 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 1938.	East of Santa Maria. <i>Low.</i> Within species range. Located approximately 18.0 miles from species range. Suitable habitat may be present. Cuyama and New Cuyama. <i>Moderate.</i> Observation within the priority area documented in eBird. Limited suitable habitat may be present. Refugio Canyon. <i>High.</i> Within species range. Located approximately 2.1 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Suitable habitat not present.
light-footed Ridgway's rail <i>Rallus obsoletus levipes</i>	FE	SE	FP	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.	<i>High.</i> There are 2 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 2012.	All priority areas. <i>Not expected.</i> Outside of species range.

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bank swallow <i>Riparia riparia</i>	None	ST	None	Colonial nester; nests primarily in riparian and other lowland habitats west of the desert. Requires vertical banks/cliffs with fine-textured/sandy soils near streams, rivers, lakes, ocean to dig nesting hole.	<i>High.</i> There are 3 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 1927.	Cuyama and New Cuyama. <i>Moderate.</i> Outside of species range. Observation within the priority area documented in eBird. Limited suitable habitat may be present. Hwy 246 Corridor. <i>Moderate.</i> Outside of species range. Observation within the vicinity of the priority area documented in eBird. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Outside of known range.
yellow warbler <i>Setophaga petechia</i>	None	None	SSC	Found in riparian forest, scrub, and woodland. Riparian plant associations in close proximity to water. Also nests in montane shrubbery in open conifer forests in Cascades and Sierra Nevada.	<i>High.</i> There is 1 known CNDDDB occurrence of this species within the County, which was recorded in 1999.	Guadalupe. <i>Moderate.</i> Within species range. Observation within the priority area documented in eBird. No suitable habitat present. Casmalia. <i>Moderate.</i> Within species range. Observation within the priority area documented in eBird. Extremely limited scrub habitat may be present. East of Santa Maria. <i>High.</i> Within species range. Occurrence within priority area. Suitable habitat may be present. Cuyama and New Cuyama. <i>High.</i> Within species range. Observation within the priority area documented in eBird. Limited suitable habitat may be present. Los Alamos. <i>Moderate.</i> Within species range. Located approximately 6.7 miles from species occurrence. Observation within the vicinity of the priority area documented in eBird. Limited suitable habitat may be present. Los Olivos. <i>Moderate.</i> Within species range. Located approximately 14.2 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present. Jonata Park. <i>Moderate.</i> Within species range. Located approximately 14.1 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present. Hwy 246 Corridor. <i>High.</i> Within species range. Located approximately 12.6 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present. Refugio Canyon. <i>High.</i> Within species range. Located approximately 24.7 miles from species occurrence. Observation within the priority area documented in eBird. Suitable habitat may be present.

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California least tern <i>Sternula antillarum browni</i>	FE	SE	FP	Known to occur in alkali playas and coastal dune and beach habitats. Nests along the coast from San Francisco Bay south to northern Baja California. Colonial breeder on bare or sparsely vegetated, flat substrates: sand beaches, alkali flats, landfills, or paved areas.	<i>High.</i> There are 6 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 2011.	Guadalupe. <i>Low.</i> Within species range. Located approximately 3.0 miles from species occurrence. Dune habitat may be near priority area. Casmalia. <i>Low.</i> Within species range. Located approximately 5.5 miles from species occurrence. Dune habitat may be present in the vicinity. Refugio Canyon. <i>Moderate.</i> Within species range. Located approximately 10.0 miles from species occurrence. Observation within the priority area documented in eBird. Dune habitat may be present. All other priority areas. <i>Not expected.</i> Outside of species range.
Scripps's murrelet <i>Synthliboramphus scrippsi</i>	None	ST	BCC	Open ocean except during breeding season. Breeds on offshore islands in Southern California.	<i>High.</i> There are 8 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 2002.	All priority areas. <i>Not expected.</i> Outside of species range.
least Bell's vireo <i>Vireo bellii pusillus</i>	FE	SE	None	Known to occur in riparian forest, scrub, and woodland habitats. Summer resident of Southern California in low riparian in vicinity of water or in dry river bottoms.	<i>High.</i> There are 8 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 2016. Critical habitat for this species also occurs within the southeastern portion of the County.	Guadalupe. <i>Low.</i> Within species range. Limited suitable habitat may be present. Casmalia. <i>Low.</i> Within species range. Extremely limited scrub habitat may be present. East of Santa Maria. <i>Low.</i> Within species range. Suitable scrub habitat may be present. Cuyama and New Cuyama. <i>Not expected.</i> Within species range. Suitable habitat not present. Los Alamos. <i>Low.</i> Within species range. Limited suitable scrub habitat may be present. Los Olivos. <i>Low.</i> Within species range. Limited suitable habitat may be present. Jonata Park. <i>Low.</i> Within species range. Suitable habitat may be present. Hwy 246 Corridor. <i>Low.</i> Within species range. Suitable habitat may be present. Refugio Canyon. <i>Low.</i> Within species range. Located approximately 11.0 miles from species occurrence. Suitable habitat may be present.

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Mammals						
Nelson's (=San Joaquin) antelope squirrel <i>Ammospermophilus nelsoni</i>	None	ST	None	Chenopod scrub, western San Joaquin Valley from 200-1200 ft elev. On dry, sparsely vegetated loam soils.	<i>High.</i> There are 2 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 1975.	Cuyama and New Cuyama. <i>High.</i> Within species range. Suitable habitat not present within priority area; however, limited suitable habitat is present adjacent to priority area. Occurrence within priority area. All other priority areas. <i>Not expected.</i> Outside of species range.
pallid bat <i>Antrozous pallidus</i>	None	None	SSC	Chaparral, coastal scrub, desert wash, great basin grassland, great basin scrub, Mojavean desert scrub, riparian woodland, Sonoran desert scrub, upper montane coniferous forest, valley and foothill grassland, deserts, grasslands, shrublands, woodlands and forests. Most common in open, dry habitats with rocky areas for roosting. Roosts must protect bats from high temperatures. Very sensitive to disturbance of roosting sites.	<i>High.</i> There are 19 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 2017.	Guadalupe. <i>Low.</i> Within species range. Located approximately 10.1 miles from species occurrence. Limited suitable habitat may be present. Casmalia. <i>High.</i> Within species range. Located approximately 2.7 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>High.</i> Within species range. Located less than 1 mile from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Low.</i> Within species range. Located approximately 33.7 miles from species occurrence. Suitable habitat may be present. Los Alamos. <i>Moderate.</i> Within species range. Located approximately 10.3 miles from species occurrence. Suitable habitat may be present. Los Olivos. <i>Moderate.</i> Within species range. Located approximately 6.6 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>High.</i> Within species range. Located approximately 1.8 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>High.</i> Within species range. Located less than 1 mile from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>Moderate.</i> Within species range. Located approximately 10.4 miles from species occurrence. Suitable habitat may be present.
Guadalupe fur-seal <i>Arctocephalus townsendi</i>	FT	ST	FP	Marine intertidal & splash zone communities, protected deepwater coastal communities. Breeds on Isla de Guadalupe off of Mexico, occasionally found on San Miguel, San Nicolas, and San Clemente islands.	<i>High.</i> There is only 1 known CNDDDB occurrence of this species within the County, which was recorded in 1998.	All priority areas. <i>Not expected.</i> Outside of known range.

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Townsend's big-eared bat <i>Corynorhinus townsendii</i>	None	None	SSC	Broadleaved upland forest, chaparral, chenopod scrub, Great Basin grassland, Great Basin scrub, Joshua tree woodland, lower montane coniferous forest, meadow and seep, Mojavean desert scrub, riparian forest, riparian woodland, Sonoran desert scrub, Sonoran thorn woodland, upper montane coniferous forest, valley and foothill grassland. Most common in mesic sites. Roosts in the open, hanging from walls and ceilings. Roosting sites limiting.	<i>High.</i> There are 34 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 2013.	Guadalupe. <i>High.</i> Within species range. Located approximately 6.9 miles from species occurrence. Suitable habitat may be present. Casmalia. <i>High.</i> Within species range. Located approximately 1.7 miles from species occurrence. Suitable habitat may be present. East of Santa Maria. <i>Moderate.</i> Within species range. Located approximately 9.7 miles from species occurrence. Observation within the priority area documented in iNaturalist. Suitable habitat may be present. Cuyama and New Cuyama. <i>Low.</i> Within species range. Located approximately 30.0 miles from species occurrence. Suitable habitat may be present. Los Alamos. <i>Moderate.</i> Within species range. Located approximately 7.4 miles from species occurrence. Suitable habitat may be present. Los Olivos. <i>High.</i> Within species range. Located approximately 3.1 miles from species occurrence. Suitable habitat may be present. Jonata Park. <i>High.</i> Within species range. Occurrence within priority area. Suitable habitat may be present. Hwy 246 Corridor. <i>High.</i> Within species range. Located approximately 2.5 miles from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>High.</i> Within species range. Located approximately 2.8 miles from species occurrence. Suitable habitat may be present.
giant kangaroo rat <i>Dipodomys ingens</i>	FE	SE	None	Annual grasslands on the western side of the San Joaquin Valley, marginal habitat in alkali scrub.	<i>High.</i> There are 4 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 1982.	Cuyama and New Cuyama. <i>High.</i> Within species range. Occurrence within priority area. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Outside of species range.
Steller sea lion <i>Eumetopias jubatus</i>	Delisted	None	None	Marine intertidal & splash zone communities, protected deepwater coastal communities, rock shore. Breeds on Ano Nuevo, San Miguel and Farallon islands, Point St. George, and Sugarloaf. Hauls-out on islands and rocks.	<i>Low.</i> There are 7 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 2015. All occurrences of this species are possibly extirpated.	All priority areas. <i>Not expected.</i> Outside of species range.

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western mastiff bat <i>Eumops perotis californicus</i>	None	None	SSC	Known to occur in habitat consisting of extensive open areas within dry desert washes, flood plains, chaparral, cismontane oak woodland, coastal scrub, open ponderosa pine forest, and grasslands. Roosts primarily in crevices in rock outcrops and buildings.	<i>High.</i> There are 5 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 2008.	<p>Guadalupe. <i>Low.</i> Within species range. Located approximately 23.9 miles from species occurrence. Limited suitable habitat may be present.</p> <p>Casmalia. <i>Low.</i> Within species range. Located approximately 16.0 miles from species occurrence. Suitable habitat may be present.</p> <p>East of Santa Maria. <i>Low.</i> Within species range. Located approximately 22.3 miles from species occurrence. Suitable habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Low.</i> Within species range. Located approximately 27.8 miles from species occurrence. Suitable habitat may be present.</p> <p>Los Alamos. <i>Low.</i> Within species range. Located approximately 27.1 miles from species occurrence. Suitable habitat may be present.</p> <p>Los Olivos. <i>Low.</i> Within species range. Located approximately 17.3 miles from species occurrence. Suitable habitat may be present.</p> <p>Jonata Park. <i>Low.</i> Within species range. Located approximately 17.4 miles from species occurrence. Suitable habitat may be present.</p> <p>Hwy 246 Corridor. <i>High.</i> Within species range. Located approximately 6.3 miles from species occurrence. Suitable habitat may be present.</p> <p>Refugio Canyon. <i>Low.</i> Within species range. Located approximately 13.9 miles from species occurrence. Suitable habitat may be present.</p>
western red bat <i>Lasiurus frantzii</i>	None	None	SSC	Prefers edges or habitat mosaics that have trees for roosting and open areas for foraging. Requires nearby water source. Roosting habitat includes forests and woodlands from sea level up through mixed conifer forests.	<i>High.</i> There are 24 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 2017.	<p>East of Santa Maria. <i>Moderate.</i> Within species range. Located approximately 10.1 miles from species occurrence. Suitable habitat may be present.</p> <p>Refugio Canyon. <i>Moderate.</i> Within species range. Located approximately 10.5 miles from species occurrence. Suitable habitat may be present.</p> <p>All other priority areas. <i>Not expected.</i> Forest and woodland habitat not present.</p>

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San Diego desert woodrat <i>Neotoma lepida intermedia</i>	None	None	SSC	Found in a variety of coastal scrub, desert scrub, chaparral, cactus, and rocky habitats. Nests primarily against rock outcroppings, boulders, cacti, or areas of dense undergrowth.	<i>High.</i> There are 7 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 1992.	Guadalupe. <i>Not expected.</i> No suitable habitat present. Casmalia. <i>Low.</i> Located approximately 10.8 miles from species occurrence. Extremely limited suitable scrub habitat may be present. East of Santa Maria. <i>Moderate.</i> Located approximately 12.0 miles from species occurrence. Suitable habitat may be present. Cuyama and New Cuyama. <i>Low.</i> Located approximately 32.2 miles from species occurrence. Extremely limited suitable habitat may be present. Los Alamos. <i>Moderate.</i> Located approximately 7.3 miles from species occurrence. Limited suitable habitat may be present. Los Olivos. <i>Low.</i> Located approximately 12.6 miles from species occurrence. Limited suitable habitat may be present. Jonata Park. <i>Low.</i> Located approximately 11.1 miles from species occurrence. Suitable habitat may be present. Hwy 246 Corridor. <i>High.</i> Located less than 1 mile from species occurrence. Suitable habitat may be present. Refugio Canyon. <i>High.</i> Located approximately 1 mile from species occurrence. Suitable habitat may be present.
big free-tailed bat <i>Nyctinomops macrotis</i>	None	None	SSC	Low-lying arid areas in Southern California within habitats such as desert shrub, woodlands, and evergreen forests. Need high cliffs or rugged, rocky outcrops or canyons for roosting sites.	<i>Low.</i> There is 1 known CNDDDB occurrence of this species within the County, the most recent of which was recorded in 1996.	All priority areas. <i>Not expected.</i> Outside of species range.
Tulare grasshopper mouse <i>Onychomys torridus tularensis</i>	None	None	SSC	Found primarily on sandy or gravelly soils in open and semi-open habitats. Found in the southern San Joaquin Valley, Carrizo Plain, Cuyama Valley, and nearby foothills of the Sierra Nevada and Tehachapi Mountains.	<i>High.</i> There are 3 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 2015.	Cuyama and New Cuyama. <i>High.</i> Within species range. Suitable habitat may be present. Located less than 1 mile from species occurrence. All other priority areas. <i>Not expected.</i> Outside of species range.

Common Name Scientific Name	Federal ESA Status	State ESA Status	CDFW	Preferred Habitat	Potential to Occur within Santa Barbara County	Potential to Occur within 9 Priority Areas
Channel Islands spotted skunk <i>Spilogale gracilis amphiala</i>	None	None	SSC	Only on Santa Cruz, Santa Rosa, and San Miguel islands.	<i>High.</i> There are 8 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 2004.	All priority areas. <i>Not expected.</i> Outside of species range.
American badger <i>Taxidea taxus</i>	None	None	SSC	Found in a variety of habitats, including alkali marsh, desert wash, Great Basin scrub, marsh and swamp, meadow and seep, Mojavean desert scrub, riparian scrub, riparian woodland, valley and foothill grassland. Most abundant in drier open stages of most shrub, forest, and herbaceous habitats, with friable soils.	<i>High.</i> There are 43 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 2016.	<p>Guadalupe. <i>Moderate.</i> Within species range. Located approximately 8.2 miles from species occurrence. Limited suitable habitat may be present.</p> <p>Casmalia. <i>High.</i> Within species range. Occurrence within priority area. Suitable habitat may be present.</p> <p>East of Santa Maria. <i>High.</i> Within species range. Located less than 1 mile from species occurrence. Suitable habitat may be present.</p> <p>Cuyama and New Cuyama. <i>Low.</i> Within species range. Located approximately 21.1 miles from species occurrence. Suitable habitat may be present.</p> <p>Los Alamos. <i>High.</i> Within species range. Occurrence within priority area. Suitable habitat may be present.</p> <p>Los Olivos. <i>High.</i> Within species range. Located less than 1 mile from species occurrence. Suitable habitat may be present.</p> <p>Jonata Park. <i>High.</i> Within species range. Occurrence within priority area. Suitable habitat may be present.</p> <p>Hwy 246 Corridor. <i>High.</i> Within species range. Occurrence within priority area. Suitable habitat may be present.</p> <p>Refugio Canyon. <i>High.</i> Within species range. Occurrence within priority area. Suitable habitat may be present.</p>
San Miguel Island fox <i>Urocyon littoralis littoralis</i>	Delisted	ST	None	Chaparral, cismontane woodland, coastal scrub. Found only on San Miguel Island.	<i>Moderate.</i> There is 1 known CNDDDB occurrence of this species within the County, the most recent of which was recorded in 2003.	All priority areas. <i>Not expected.</i> Outside of species range.

Common Name Scientific Name	Federal ESA Status	State ESA Status	CDFW	Preferred Habitat	Potential to Occur within Santa Barbara County	Potential to Occur within 9 Priority Areas
Santa Cruz Island fox <i>Urocyon littoralis santacruzae</i>	Delisted	ST	None	Chaparral, cismontane woodland, coastal scrub. Found only on Santa Cruz Island.	<i>Moderate.</i> There is 1 known CNDDDB occurrence of this species within the County, the most recent of which was recorded in 2003.	All priority areas. <i>Not expected.</i> Outside of species range.
Santa Rosa Island fox <i>Urocyon littoralis santarosae</i>	Delisted	ST	None	Chaparral, cismontane woodland, coastal scrub. Found only on Santa Rosa Island.	<i>Moderate.</i> There is 1 known CNDDDB occurrence of this species within the County, the most recent of which was recorded in 2003.	All priority areas. <i>Not expected.</i> Outside of species range.
San Joaquin kit fox <i>Vulpes macrotis mutica</i>	FE	ST	None	Chenopod scrub, valley & foothill grassland. Annual grasslands or grassy open stages with scattered shrubby vegetation.	<i>High.</i> There are 13 known CNDDDB occurrences of this species within the County, the most recent of which was recorded in 1979.	Cuyama and New Cuyama. <i>High.</i> Within species range. Occurrence within priority area. Suitable habitat may be present. All other priority areas. <i>Not expected.</i> Outside of species range.

NOTES:

FE	Federally endangered
FT	Federally threatened
FPE	Federally proposed for listing as endangered
FPT	Federally proposed for listing as threatened
FC	Federal candidate
SE	State endangered
SCE	State candidate for listing as endangered
SCT	State candidate for listing as threatened
FP	California Department of Fish and Wildlife Fully Protected
SCC	California Department of Fish and Wildlife Species of Conservation Concern
WL	California Department of Fish and Wildlife Watch List
BCC	United States Fish and Wildlife Service Birds of Conservation Concern

SOURCE:

CDFW. 2024. California Natural Diversity Database (CNDDDB). RareFind, Version 5.0 (Commercial Subscription). Sacramento, California: CDFW, Biogeographic Data Branch. Available online at: <https://www.wildlife.ca.gov/Data/CNDDDB/Maps-and-Data>. Accessed July 3, 2024