

STATEWIDE ADVANCE MITIGATION NEEDS ASSESSMENT REPORT

State Highway Operation and Protection Program

Ten-Year Project Book
Second Quarter 2019/2020 Fiscal Year

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Statewide Advance Mitigation Needs Assessment Report

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ACRONYMS

AMP	Advance Mitigation Program
Caltrans	California Department of Transportation
CALVEG	Classification and Assessment with LandSat of Visible Ecological Groupings
CARI	California Aquatic Resource Inventory
CDFW	California Department of Fish and Wildlife
CNDDB	California Natural Diversity Database
CWHR	California Wildlife Habitat Relationship program
CSV	Common separate values
CY	Cubic Yards
EA	Estimated Area
EFIS	Enterprise Resource Planning Financial Enterprise
FGC	Fish and Game Code
FT	Feet
FVEG	CalFire vegetation layer
GAI	Geographic Area of Interest
HUC	Hydrologic Unit Code
NHD	National Hydrography Dataset
LF	Linear Feet
NWI	National Wetland Inventory
PM	Post Mile
RAMNA	Regional Advance Mitigation Needs Assessment
SAMNA	Statewide Advance Mitigation Needs Assessment
SHC	State and Highways Code
SHOPP	State Highway Operations and Protection Program
SF	Square Feet
USFS	United States Forest Services
USFWS	United States Fish and Wildlife Service
VegCAMP	Vegetation Classification and Mapping Program

1. INTRODUCTION

California Department of Transportation' (Caltrans') Advance Mitigation Program (AMP) was created through the Road Repair and Accountability Act of 2017 (Stats. 2017, Ch.5, Sec.35) and amended by Senate Bill 103, Committee on Budget and Fiscal Review Transportation, (Stats. 2017, Ch. 95, Sec. 10 – 15), both of which established the AMP under Streets and Highways Code (SHC) §800 et seq. The purpose of the legislation (SHC §800 (a)) is to:

- Accelerate transportation project delivery
- Enhance communications between Caltrans and stakeholders to protect natural resources through project mitigation, to meet or exceed applicable environmental requirements, and to mitigate, to the maximum extent required by law, environmental impacts from transportation infrastructure projects
- Consult with the California Department of Fish and Wildlife (CDFW) on all activities pursuant to SHC §800 et seq., including activities pursuant to Chapter 9 of Division 2 of the Fish and Game Code (FGC §1850 et seq.).

Prior to expending any program funds, Caltrans' Director must make a determination and justification that the expenditure will likely accelerate the delivery of specific transportation projects (SHC §800.6(i)). In support of that determination and justification, the AMP implements a multi-step advance mitigation planning process, which starts with an assessment of needs, identifies appropriate regions, advances advance mitigation concepts, scopes projects and receives approval for funding allocation. The steps are:

- Statewide Advance Mitigation Needs Assessment (SAMNA): the SAMNA is a Geographic Information System (GIS)-based assessment that is performed on future planned state transportation projects that are identified on current long-range transportation plans. Assumptions are made on the general types of transportation project activities as to what extent, if any, they may potentially incur an off- pavement footprint. These potential footprints are overlaid with natural resource data layers that model species habitat and aquatic resources. Analyses are run on a District-wide basis and impacts to specific resources within specific ecoregions or watersheds are estimated. The SAMNA will be performed, at a minimum, on a biennial basis. The SAMNA is the subject of this report.
- Geographic Area of Interest (GAI) Selection: following completion of the SAMNA, the AMP coordinates with the Districts to identify which specific natural resources would be of the greatest benefit to implement through an advance mitigation approach, and to identify an ecoregion or watershed-based region within which to develop an advance mitigation project. This region is referred to as the GAI.
- Regional Advance Mitigation Needs Assessment (RAMNA): the RAMNA is a document that builds on the needs identified in the SAMNA for a given GAI and seeks to maximize the environmental and conservation benefits from potential mitigation actions and provides the Districts with sufficient information to

conceptualize advance mitigation projects that can be scoped and submitted for the Director's Approval.

- Advance Mitigation Project Scoping and Initiation: based on the RAMNA, Districts will identify and scope advance mitigation project alternatives and document how these alternatives will likely accelerate the delivery of transportation projects documented in the SAMNA and RAMNA. The AMP will screen the proposals and make recommendations to the Director.
- Director's Approval: the Director will review the advance mitigation projects scoping and nomination documents and the AMP's recommendations and make a determination and justification that funding the advance mitigation project is likely to accelerate transportation project delivery, per SHC §800.6 (i). Once the determination and justification have been made, the Districts can request a fund allocation from the AMA for the advance mitigation project, and delivery of that advance mitigation project can commence.

Advance mitigation planning is conducted early in transportation planning and is a proactive approach to mitigation, with the goal of meeting both conservation goals and objectives as well as accelerate delivery of transportation projects by strategically citing mitigation projects so that they provide the correct type and amount of compensatory mitigation and contribute materially to environmental recovery efforts. Advance mitigation project delivery timelines therefore are decoupled from, and in advance of, transportation project delivery timelines and strive to maximize the environmental benefit by aggregating the estimated impacts of multiple future transportation projects. Advance mitigation planning thus is fundamentally geospatial in its scope, and conducive to GIS based solutions.

This report presents the methods and results of the SAMNA performed on the list of projects in the State Highway Operations and Protection Program (SHOPP) Ten Year Project Book for the Second Quarter of the 2019/2020 Fiscal Year. In order to develop meaningful and appropriate advance mitigation projects, an understanding of the potential impact to resources in the geographic area must be developed. For this reason, GIS is utilized as a decision-making tool for developing advance mitigation projects. Core GIS processes employed in this assessment are informed by a methodology published by UC Davis.[1] The workflow involves the consolidation, processing, and analysis of a variety of GIS data layers from authoritative State and Federal agencies. GIS layers considered fall into resource categories that correspond to Project mitigation needs. Those categories are terrestrial and aquatic special-status species (and sub-species), special-status fish, wetlands, and water.

[1] Thorne, James H; Bjorkman, Jacquelyn; & Huber, Patrick R. (2015). A Reference Manual for Caltrans Staff on Regional Advance Mitigation Impact Assessment Methods. UC Davis: Information Center for the Environment. Retrieved from: http://escholarship.org/uc/item/76n8793q

Planned projects were identified in the Caltrans SHOPP Tool database. Potential Project impact footprints were developed using a combination of manual and automated workflows. A custom ArcGIS Desktop Add-In tool (Caltrans Advance Mitigation Needs Assessment Reporting Tool) was developed to generate reports summarizing the potential impacts to these four categories of resources. The tool assists in preparing resource data for the reporting analysis, as well as automating the overlay of thousands of proposed projects with over a thousand resource source data sets and generating a summary report. Each reporting workflow can be completed for a given district.

The Advance Mitigation Needs Assessment Methods are only intended to produce an estimate of potential mitigation need for the purpose of justifying, authorizing, proposing and scoping an advance mitigation project. They are not intended to provide transportation project level assessment for impacts, scoping, providing environmental analysis, or permitting transportation projects. Transportation projects still need to go through environmental and permitting processes and must demonstrate avoidance and minimization prior to compensation. Additionally, use of these methods does not imply an endorsement of a transportation project alternative. Transportation projects must also include mitigation costs in the scoping and programming of their budgets, as they are required under law to reimburse the Program for use of mitigation produced by the Program (SHC §800.6(b)).

2. METHODS

The basic analysis for assessing the acreage of habitat and waters impacts to specifically defined terrestrial and aquatic resources is an intersection of modeled transportation project footprints and natural resource spatial layers. These two input layers did not exist as geospatial products in forms that were readily utilizable in an overlay analysis and had to be created from existing data products. The creation of these input data layers involved the management of over 600 input data layers, and given the volume of data, the processing capacity required to compile the data layers and run the tools described below was substantial. The methods presented here generally follow the methods presented in Thorne et al., 2015.

2.1 Project Footprint Development

Future Project estimated footprints were developed to estimate the impact of a given Project. The first step to building the Project footprints was to gather Project information from Caltrans Asset Management Tool database. Data from the Asset Management Tool was queried to represent data available after July 2020. Data required a degree of conditioning to identify a unique identification number and the county, route, and post-mile for the beginning and end of each Project.

Locations for projects, except for culvert and bridge projects, were generally identified using the Caltrans Post-Mile Validation Tool, which allows a user to input a table with a list of county, route and post-miles and returns line geometry for each row in the table.

Bridge and culvert related activities and projects were identified using a bridge report exported from the Asset Management Tool database, Highway Maintenance Culvert Inspection Program listing the drainage projects identified as of June 26, 2020, and existing GIS data files that provide locations of bridges and culverts as point and linear geometry features.

Unique identifiers were developed for each Project using existing information where possible. Most projects were provided with an Enterprise Resource Planning Financial Infrastructure (EFIS) number from the Asset Management Tool. Projects that did not have an EFIS number assigned were given a unique ID from one of the following sources, in order of priority; EFIS number, Expenditure Authorization number, SHOPP ID, and lastly, a generated ID based on county and route.

Once linear representations of each Project extent were available, edge of pavement was approximated by developing buffers. Caltrans' Highway Design Manual was consulted to obtain standard lane and should widths, whose values were halved so as to be applied as buffer radii. The number of lanes for the State Highway System were obtained from Caltrans' 2017 Transportation System Network geodatabase line feature class. The buffer varied depending on the number of lanes and whether the highway was divided or undivided. On undivided highways the edge of pavement buffer was equal to six times the number of lanes plus five feet. On divided highways, the edge of pavement buffer was equal to three times the number of lanes plus five feet. For example, a two-lane undivided highway would have a buffer applied of six times two plus five feet, or seventeen foot buffer from the centerline of the road segment and the same sized divided highway would have a buffer of three times two plus five feet, or eleven foot buffer from centerline of the road segment.

With the exception of culvert projects, the Project impact was defined as a buffer from the edge of pavement. Different buffer widths were used depending on the activity identified for the Project. Culvert project impact was defined as a buffer from Project culvert GIS geometry. For SHOPP projects, each Project has an Activity ID field. The buffers applied are presented in Table 1 below. All activities absent from Table 1 were not given a buffer and are not represented in this analysis.

Table 1. SHOPP Project Activity Code Buffer Widths

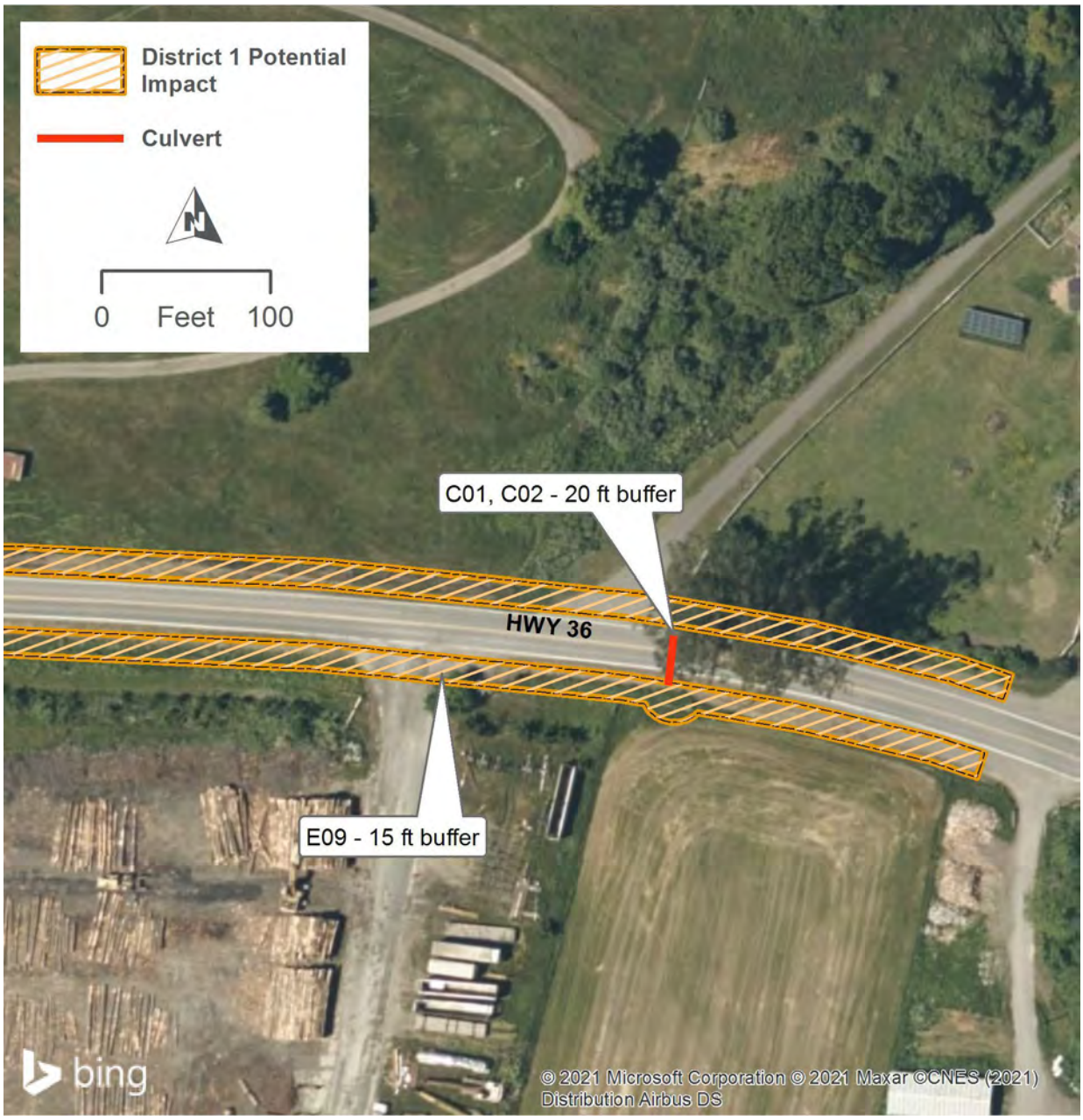
Activity ID	Activity Category	Activity Description	Activity Unit**	Buffer Distance (Ft)
A02	Bridge	Bridge Replacement/New Construction	SF	40
A03	Bridge	Bridge Rail (201.112)	LF	20
A05	Bridge	Bridge Widening	SF	15
C01	Drainage	Replace/Install Culverts	EA	20
C02	Drainage	Replace Install/Culverts	LF	20
C03	Drainage	Slip line Culvert	EA	20
C04	Drainage	Slip line Culvert	LF	20
C05	Drainage	Cure in place line Culvert	EA	20
C06	Drainage	Cure in place line Culvert	LF	20
C07	Drainage	Abandon/remove culvert	EA	20
C08	Drainage	Abandon/remove culvert	LF	20
C09	Drainage	Headwall/Endwall	EA	20
C11	Drainage	Energy Dissipation & other Element {RSP, DI, FES etc.}	EA	20
C15	Extend Existing Culvert	Extend Existing Culvert	EA	20
C99	Other Drainage Activity	Other Drainage Activity		20
E03*	Safety	Drainage Improvements	EA	20
E08	Safety	Improved Highway Geometry	EA	40
E09	Safety	Lane Widening	LF	15
E10	Safety	Left-turn Channelization	EA	15
E14	Safety	Rockfall Mitigation	EA	30
E15	Safety	Roundabouts	EA	40
E18	Safety	Standard Slopes	EA	30
E20	Safety	Widen Shoulders	LF	15
E21	Safety	Extend Merging/Acceleration Lane	LF	15
F07	Mobility	Turn pockets	EA	15
F08	Mobility	Widen roadway	LF	15
F09	Mobility	Truck climbing lane	LF	20
F10	Mobility	Acceleration/deceleration lane		20

Activity ID	Activity Category	Activity Description	Activity Unit**	Buffer Distance (Ft)
F19	Mobility	Shoulders - New & Widening	Linear Miles	15
F36	Mobility	Auxiliary Lane		20
G13	Roadside	Safety Roadside Rest Area Building	SF	10
G14	Roadside	Safety Roadside Rest Area Utilities	EA	10
G16	Roadside	Safety Roadside Rest Area Parking	SF	10
G17	Roadside	Roadside Stopping Opportunities	Location	10
G18	Roadside	Retaining Wall	SF	15
G19	Roadside	Rock Slope Protection	CY	30
G20	Roadside	Slide Removal (or Slope Excavation)	CY	30
M04	Major Damage	Retaining Wall	SF	15
M05	Major Damage	Rock Slope Protection	CY	30

* E03 Activity Code is treated as a drainage project

** Acronyms – EA (Estimate Area); LF (Linear Feet); SF (Square Feet); CY (Cubic Yards)

Many projects included multiple activities. In those cases, the largest buffer took priority and was assigned to the Project for the potential impact analysis. The resulting geometry estimates the potential impact area for each proposed Project, which can be overlaid with resource data in subsequent steps. An example of a Project image polygon is shown below in Figure 1.



Project EFIS 0113000090 in Humboldt County
Activity Category: Safety – Collision Reduction
Back PM 0.1, Ahead PM 1.6

Activity Detail	Activity ID	Buffer (ft)
Replace/Install Culverts (201.151)	C01, C02	20
Lane Widening (201.010, .015)	E09	15

Figure 1. Map of Example Project Impact on Hwy 36 in Humboldt County (Impact Buffer = 15 & 20 ft)

2.2 Terrestrial and Aquatic Special-Status Species Habitat Value Layer Development

In order to characterize habitat across California, a seamless and continuous layer of habitat was developed with habitat values for each of the considered species and sub-species. This layer was limited to the ranges of each species and sub-species. Habitat is represented in California by the CDFW California Wildlife Habitat Relationship (CWHR) program. The CWHR program identifies grouping of vegetation communities and evaluates each community for suitability for special-status amphibians, reptiles, birds, and mammals. In addition to identifying special-status species habitat preferences, the CWHR program provides an average habitat suitability index value from 0 to 1, 0 being no habitat and 1 being most suitable. The CWHR program also provided bounding polygons that represent the limits of where a species or sub-species may be found within California. These polygons are called range polygons. The CWHR program only addresses terrestrial vertebrates and does not provide habitat suitability or range polygons for special-status plants, invertebrates, or fish. For the species not covered under the CWHR, commensurate methods were developed as described in subsequent sections.

CWHR habitat types are included as attributes in several California wide vegetation layers. Mirroring the UC Davis publication, three vegetation layers were merged in an order of priority using best data available approach. The most recent and accurate data to represent CWHR habitat was determined to be the CDFW's Vegetation Classification and Mapping Program (VegCAMP) GIS layers. These layers map vegetation primarily in private and state-owned lands. The next priority was given to the United States Forest Service (USFS) Classification and Assessment with LandSat of Visible Ecological Groupings (CALVEG) program data which maps vegetation for nearly the entire state and provides a CWHR type attribute for each polygon. Any gaps not addressed by VegCAMP and CALVEG data were filled by CalFire's FVEG layer. A summary of the data sources is presented in Table 2.

Table 2. CWHR Data Sources

Priority	Layer Name	Source Agency	Data Layer Link
1	VegCAMP	CDFW	https://www.wildlife.ca.gov/Data/VegCAMP
2	CALVEG	USFS Region 5	http://www.fs.usda.gov/detail/r5/landmanagement/resourcemanagement/?cid=stelprdb5347192
3	FVEG	CalFire	http://frap.fire.ca.gov/data/frapgisdata-subset

Once the CWHR type layer was established, GIS workflows were developed to assign a habitat value for each considered special-status species and sub-species to relevant CHWR habitat types. These habitat values were then assigned to polygons within the range of each species.

Polygons of habitat were assigned a species habitat suitability index value if any part intersected that species range polygon. This approach resulted in polygons of habitat that were only partially within a species or sub-species range polygon being attributed with that species or sub-species habitat value. This approach reflects a conservative approach as range polygons are not real physical barriers to a species movement and continuous areas of habitat may be used by a given species or sub-species beyond the range polygon extent.

As habitat suitability and range for special-status amphibians, reptiles, birds, and mammals were available from the CWHR program, that information was gathered and applied to each polygon of habitat within the CWHR type layer. Habitat value and range for special-status plant and invertebrate species were also considered in the CWHR type layer. As habitat suitability values were not available from the CWHR program, each species was assigned 1 for suitable and 0 for not suitable.

Habitat types and Jepson Herbarium[2] codes for listed plants were cross-walked from the California Native Plant Society Rare Plant Inventory plant habitat classifications and the geometry for special-status plant range polygons were sourced from a floristic province GIS layer developed by the Jepson Herbarium. The GIS layer is called “Geographic Subdivisions“ which has polygons that represent the California Floristic Provinces as used in the Jepson Manual. Each special-status plant was assigned a CWHR type based on the crosswalk. Each plant was assigned a geographic range limited to the appropriate floristic province by joining the species table and the GIS data layer “Geographic Subdivisions” by Jepson Herbarium code.

For invertebrates, a CDFW-sanctioned GIS layer for the ranges of each listed invertebrate species was not found. For listed invertebrates, the suitable habitat types for each invertebrate species were cross-walked from CDFW’s RareFind 5 database to the appropriate CWHR vegetation type. The polygon GIS occurrence layer from the California Natural Diversity Database (CNDDB) for each listed invertebrate species was used to define range. Range polygons were developed by creating a four-mile buffered polygon of the centroid of each CNDDB GIS data layer occurrence for each special-status invertebrate species. The centroid was restricted so as to be located within the CNDDB occurrence polygon.

The application of these methods resulted in twelve Caltrans district-wide vegetation layers with a habitat suitability attribute for each special-status species that is limited by the species range, such that these layers provide statewide coverage. It is anticipated that these layers will not need to be updated for one or more years.

[2] Jepson Flora Project (eds.) 2017. Jepson eFlora, http://ucjeps.berkeley.edu/eflora/ [accessed on May 25, 2017]

2.3 Special-Status Terrestrial and Aquatic Species and Sub-Species Report

The AMP created reports for each district by overlaying the Project footprint layer with species-attributed vegetation layer, extracting the area of each CWHR type within each Project footprint including habitat value attributes for each species that have a non-zero habitat value. The USFS Ecological Regions, United States Geological Survey National Hydrography Dataset (NHD) Hydrologic Unit Code (HUC) 8 sub-basins and HUC 10 watersheds are overlaid as well, so that the potential impacts can be summarized by Ecological Region (ecoregion) section and sub-section and NHD HUC 8 and HUC 10 basins. The report can be exported with acreage summaries by habitat or by species.

2.4 Special-Status Fish Report

The process of developing a habitat layer for fish started with identifying water bodies and waterways. Those features are represented in the NHD. Most waterways are represented by polyline geometry. A buffer of 25 feet was applied to linear features and the buffered features were then merged in with the two other water polygon NHD layers, prioritizing the water polygon features over the buffered features.

Once the potential habitat polygon layer was developed, special-status fish ranges were used to assign species to polygons in a similar fashion to the terrestrial and aquatic species report. Critical Habitat from the National Marine Fisheries Service and United States Fish and Wildlife Service (USFWS) was used for the range boundaries for federally listed species. Other special-status fish range boundaries were developed by identifying CNDDB occurrences and selecting the HUC 8 sub-basin from NHD that intersects the occurrence and using the basin geometry as the range for that species. Waters polygons that intersected a fish species range polygon were assigned a habitat value of one. All other polygons were attributed with a habitat value of zero. Similar to the special-Status Terrestrial and Aquatic Species Report, the report can be exported with acreage summaries by habitat or by species and aggregated by ecoregion section and sub-section, HUC 8 sub-basins, or HUC 10 watersheds.

2.5 Waters Report

The waters report is generated by following the same process as the fish report, without applying fish habitat range layers. That is to say, waters geometry are identified using NHD layers with linear features buffered by 25 feet and merged without overlap with the NHD polygon layers, prioritizing the NHD polygon layers over the buffered lines. The Project footprints are overlaid with the modified NHD layer, and potential impacts are totaled by water type as identified in the NHD layer and aggregated by ecoregion section and sub-section and HUC (both HUC 8 and 10).

2.6 Wetlands Report

The wetlands report is generated by simply merging two publicly available wetland layers and completing an overlay summary by wetland type. The two source layers were the USFWS National Wetland Inventory (NWI) layer and the San Francisco Estuary Institute's California Aquatic Resource Inventory (CARI) layer. Both layers were merged together without overlap and the priority for areas of overlap was NWI. Potential impacts are totaled by wetland type as identified in the NWI and CARI layers, respectively, and aggregated by ecoregion section and sub-section and HUC (both HUC 8 and 10).

2.7 Report Format

The report is exported as a comma separated values (CSV) file that can be manipulated in Excel to summarize acreage of each kind of CWHR habitat and habitat value for any special-status species that are estimated to utilize that habitat. Reports are created for each district and include all SHOPP projects with footprints that have been coded to that district regardless of where the footprint of each Project falls on the ground. The results section details suggestions for how to interact and use the data in the reports.

2.8 Summary Reports

Several summary reports were developed from the CSV reports. These summary reports are provided in table format in the Appendices. One summary report lists the transportation Projects along with the total footprint area within both ecoregion section and by HUC 8 sub-basin. The next series of tables depict the impact to species habitat within each ecoregion section. Each ecoregion section is represented by a separate table, with the first row of data depicting the total potential impact to each of the CWHR habitat types within that ecoregion section. These habitat totals represent the maximum potential impact within that ecoregion section per habitat type. The subsequent rows in each table detail how those potential habitat impacts could be impacts to the various special status species that the model indicated could use those habitats within their ranges. These tables are preceded by an index map, which shows the ecoregion sections and the transportation projects. The next section is preceded by an index map showing the HUC 8s and transportation projects and are followed by two additional tables depicting impacts to aquatic resources. One table depicts total potential impacts on water types and fish habitat by HUC 8. The third summary report provided impacts to wetlands.

3. RESULTS

Potential project impact boundaries were generated for 765 projects. A matrix of the number of proposed projects is provided below in Table 3.

Table 3. Potential Project Impact Boundaries by District

District	SHOPP Projects	SHOPP Activities
1	68	300
2	90	257
3	93	377
4	87	146
5	87	208
6	62	197
7	71	273
8	53	133
9	26	71
10	64	216
11	40	112
12	24	57
Total	**765**	**2,347**

This analysis considered over 600 terrestrial and aquatic species and sub-species. It also considered 34 special-status species of fish (18 with designated critical habitat, and 16 without).

All four reports were generated for all districts. Each special-status fish and terrestrial and aquatic species report was exported both as a summary by habitat and by species, making a total of six CSV files per district.

The final reports are data rich and include attributes that enable district biologists to evaluate potential impacts district-wide and aggregated by ecoregion section and subsection for terrestrial resources and HUC 8 and 10 for aquatic resources. Each report was consolidated into an interactive Microsoft Excel “Pivot Table” format. Acreages of potentially impacted habitat can be easily filtered to Ecological Regions, HUCs, resource types, or even individual projects. These “Pivot Table” format reports are summarized by a project table and set of maps for each district (Appendices A through L).

4. DISCUSSION

The methods and results discussed in this document were developed working with subject matter experts and peer-reviewed literature and are subject to the status and condition of the data as of the publication of overlay reports. They are a snapshot in time and current only to the day the data was queried. As the assessment progressed, adjustments were made to the process and requirements were changed. The expectation is for the process to continue to be refined as the districts use the workflows, tools, and reports. This assessment was successful in developing a snapshot of potential impacts to natural resources by over 765 proposed projects within the state of CA with the goal of developing advance mitigation projects that can streamline the mitigation process during project permitting and construction. A number of reports and map figures were developed that summarize the results of the analysis by district and are presented as appendices to this document (one for each district). This Project accomplishes the goal and lays the groundwork for a successful AMP.

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APPENDIX A

District 1

- **Table**: Caltrans District 1 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin
- **Map**: Caltrans District 1 – Ecoregion Sections with Potential Transportation Projects
- **Table**: Caltrans District 1 – Klamath Mountains Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 1 – Northern California Coast Ranges Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 1 – Northern California Coast Ecoregion Section Impact by Species Summary Table
- **Map**: Caltrans District 1 – Hydrologic Units (HUC-8) with Potential Transportation Projects
- **Table**: Caltrans District 1 – Watershed Impacts to Waters and Fish Species Summary Table
- **Table**: Caltrans District 1 – HUC-8 Watershed Impacts by Wetland Type Summary Table

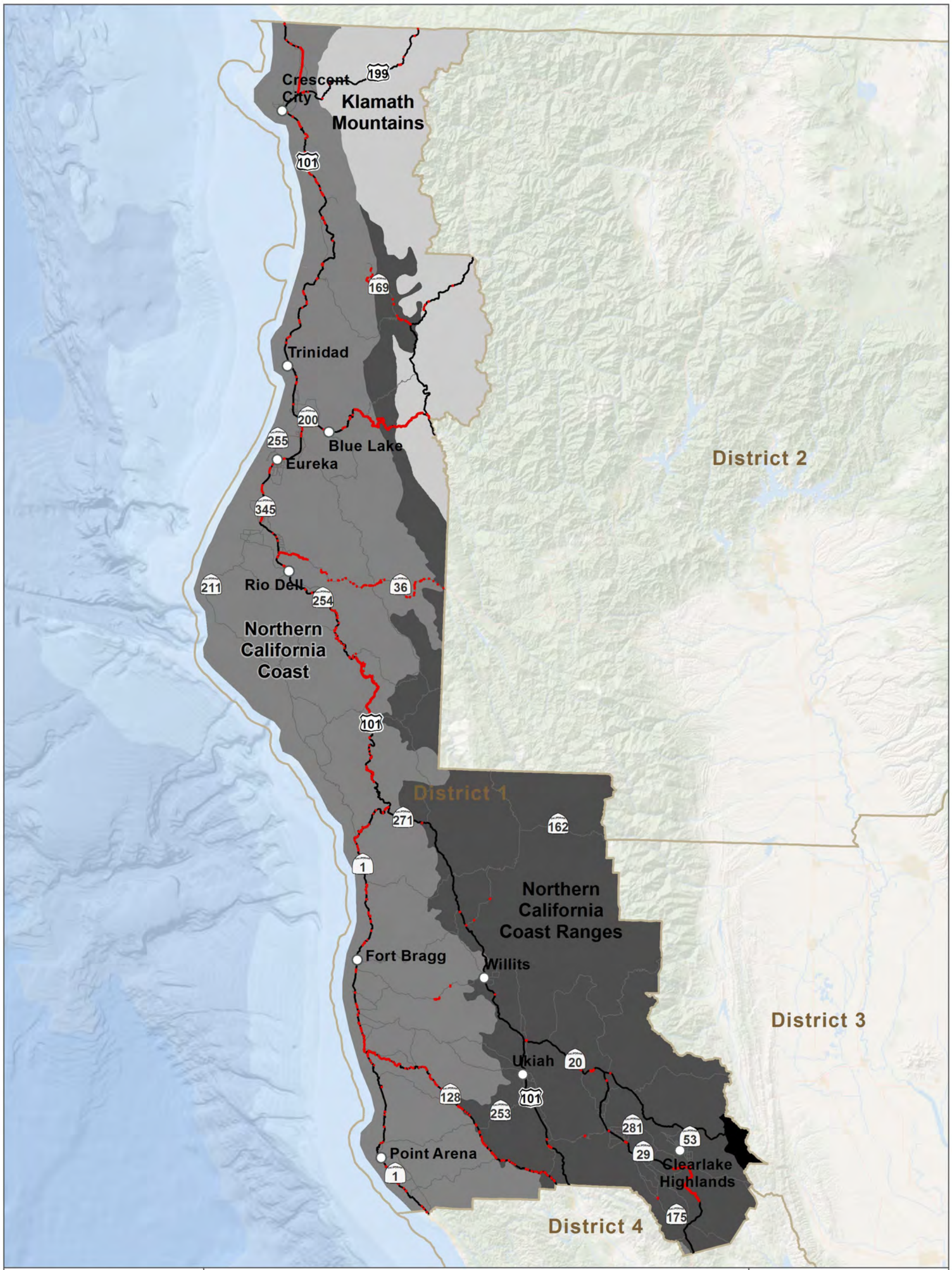
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Caltrans District 1 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC 8	Footprint in HUC8 (Acres)
Northern California Coast	2.81	Smith	2.83
Northern California Coast	3.02	Big-Navarro-Garcia	3.02
Northern California Coast	2.88	Big-Navarro-Garcia	2.89
Northern California Coast	2.57	Big-Navarro-Garcia	2.58
Northern California Coast	3.01	Lower Eel	3.02
Klamath Mountains	2.29	Lower Klamath	2.87
Northern California Coast Ranges	0.54		
Northern California Coast Ranges	0.72	South Fork Eel	0.26
		Upper Eel	0.47
Klamath Mountains	1.08	Lower Klamath	0.60
Northern California Coast	1.01	Mad-Redwood	1.01
		Trinity	0.48
Northern California Coast	45.51	Mad-Redwood	69.32
Northern California Coast Ranges	23.69		
Northern California Coast	0.08	Mad-Redwood	0.08
Northern California Coast	5.43	Lower Eel	5.44
Northern California Coast Ranges	1.84	Russian	1.85
Northern California Coast Ranges	0.51	Upper Cache	0.88
Northern California Coast	0.49	Big-Navarro-Garcia	0.49
Northern California Coast	2.02	South Fork Eel	2.02
Northern California Coast Ranges	3.91	Upper Cache	6.92
Northern California Coast	133.85	South Fork Eel	133.98
Northern California Coast	2.39	Lower Klamath	2.39
Northern California Coast	2.33	Mad-Redwood	2.33
Klamath Mountains	1.97	Trinity	1.98
Northern California Coast Ranges	16.62	Upper Cache	1.90
		Upper Putah	14.74
Northern California Coast Ranges	3.11	Upper Cache	6.86
Northern California Coast	3.42	Lower Eel	3.42
Northern California Coast	1.51	Mad-Redwood	1.51
Northern California Coast	5.83	Big-Navarro-Garcia	5.83
Northern California Coast Ranges	0.65	Upper Cache	1.01
Northern California Coast	1.25	Smith	1.25
Klamath Mountains	0.23	Mad-Redwood	3.41
Northern California Coast	3.13	Trinity	0.37
Northern California Coast Ranges	0.33		
Northern California Coast	2.11	Big-Navarro-Garcia	2.11
Klamath Mountains	63.34	Trinity	68.15
Northern California Coast Ranges	4.74		
Northern California Coast	20.07	Mad-Redwood	62.59
Northern California Coast Ranges	49.57	Trinity	7.16
Northern California Coast	3.32	Mad-Redwood	3.33
Northern California Coast	3.30	Big-Navarro-Garcia	3.30
Northern California Coast	0.90	Big-Navarro-Garcia	0.90
Northern California Coast	2.02	Big-Navarro-Garcia	2.02
Northern California Coast	1.37	Big-Navarro-Garcia	1.37
Northern California Coast	15.11	Mad-Redwood	15.11
Northern California Coast Ranges	0.49	Russian	0.50
Northern California Coast Ranges	0.45	Upper Eel	0.45
Northern California Coast Ranges	0.19	Upper Eel	0.19
Northern California Coast	2.09	Lower Eel	0.75
		South Fork Eel	1.38

Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC 8	Footprint in HUC8 (Acres)
Northern California Coast	2.46	Lower Eel	2.46
Northern California Coast	0.13	South Fork Eel	0.13
Northern California Coast	0.72	Lower Klamath	1.75
Northern California Coast Ranges	0.96		
Northern California Coast Ranges	1.73	Upper Cache	1.73
Northern California Coast	4.97	Big-Navarro-Garcia	4.97
Northern California Coast Ranges	4.38	Russian	2.51
		Upper Eel	1.87
Northern California Coast	5.91	Lower Eel	2.50
		South Fork Eel	3.49
Northern California Coast	5.92	Lower Eel	1.26
		Lower Klamath	0.59
		Mad-Redwood	4.10
		South Fork Eel	0.08
Northern California Coast	8.88	Big-Navarro-Garcia	8.21
		Gualala-Salmon	0.27
		South Fork Eel	0.72
Northern California Coast	6.42	Chetco	0.20
		Lower Klamath	2.93
		Smith	3.46
Northern California Coast Ranges	30.47	Upper Cache	34.16
		Upper Putah	8.42
Northern California Coast	4.63	Lower Eel	4.90
Northern California Coast Ranges	0.02		
Northern California Coast Ranges	7.46	Upper Cache	7.48
Northern California Coast Ranges	0.77	Upper Cache	2.39
Northern California Coast	3.03	Big-Navarro-Garcia	3.03
Northern California Coast Ranges	3.08	Upper Cache	3.10
Northern California Coast	0.92	South Fork Eel	0.92
Northern California Coast	0.38	South Fork Eel	0.39
Klamath Mountains	21.15	Trinity	25.81
Northern California Coast Ranges	4.62		
Klamath Mountains	0.49	Illinois	0.17
		Smith	0.34
Northern California Coast	10.77	Lower Eel	10.89
Northern California Coast	0.53	Smith	0.54
Northern California Coast	28.65	Smith	28.79
Klamath Mountains	3.75	Smith	3.75
Northern California Coast	3.92	Mad-Redwood	3.92
Northern California Coast	4.30	Big-Navarro-Garcia	8.40
Northern California Coast Ranges	4.39	Russian	1.08
Northern California Coast	1.36	Mad-Redwood	1.68

Caltrans District 1 – Ecoregion Sections with Potential Transportation Projects



PATH: \\SAC-SRV01\GIS\PROJECTS\CALTRANS\10235489_CALTRANS_TO4_SAMNA2020\7.2_WORKING\MAP_DOCS\PROCESSING\7_CALTRANSPROJECTS\D01\CALTRANS_ECOREGIONS_ANSIB_D1.MXD - USER: ROLDEN - DATE: 3/31/2021

Caltrans District 1 – Klamath Mountains Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Douglas-Fir	Klamath Mixed Conifer	Mixed Chaparral	Montane Chaparral	Montane Hardwood	Montane Hardwood -Conifer	Montane Riparian	Perennial Grassland	Redwood	Urban
		Total:	2.26	6.89	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	48.93
Amphibians														
southern torrent salamander	*Rhyacotriton variegatus*	FS	0.00	0.00	11.37	2.35	0.00	0.00	0.00	4.81	7.66	0.00	0.04	0.00
del norte salamander	*Plethodon elongatus*	N/A	0.00	0.00	11.37	2.35	0.00	0.00	0.00	4.81	7.66	0.00	0.04	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.00	0.04	0.00
coastal tailed frog	*Ascaphus truei*	N/A	0.00	0.00	11.37	2.35	0.00	0.00	0.00	4.81	7.66	0.00	0.04	0.00
northern red-legged frog	*Rana aurora*	FS	0.00	0.00	1.55	0.28	0.00	0.00	0.02	2.12	0.00	0.00	0.04	0.00
foothill yellow-legged frog	*Rana boylii*	FS	2.26	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.00	0.04	0.00
Birds														
great blue heron	*Ardea herodias*	N/A	2.26	0.00	11.37	2.35	0.00	0.00	8.23	4.81	7.66	0.80	0.04	48.93
osprey	*Pandion haliaetus*	FS	2.07	6.89	6.37	2.35	0.74	0.00	6.24	4.56	4.53	0.00	0.04	0.00
bald eagle	*Haliaeetus leucocephalus*	FS & SE	2.26	6.89	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	0.00
northern harrier	*Circus cyaneus*	N/A	1.10	6.62	4.18	2.07	0.63	0.00	5.74	2.06	4.44	0.00	0.00	29.55
northern goshawk	*Accipiter gentilis*	FS	0.00	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.00	0.04	0.00
golden eagle	*Aquila chrysaetos*	FS	2.26	6.89	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	48.93
peregrine falcon	*Falco peregrinus*	FS	2.26	6.89	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	48.93
sooty grouse	*Dendragapus fuliginosus*	N/A	2.26	0.00	11.37	2.35	0.00	0.00	8.23	4.81	7.66	0.80	0.04	0.00
california quail	*Callipepla californica*	N/A	2.26	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	48.93
snowy plover	*Charadrius nivosus*	FT	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	11.37	2.35	0.00	0.00	8.23	4.81	7.66	0.00	0.04	0.00
northern spotted owl	*Strix occidentalis caurina*	FT & ST	0.00	0.00	11.37	2.35	0.00	0.00	8.23	4.81	7.66	0.00	0.04	0.00
long-eared owl	*Asio otus*	N/A	2.26	0.00	0.00	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.00	0.00
short-eared owl	*Asio flammeus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	48.93
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	11.37	2.35	0.74	0.00	8.23	4.81	7.66	0.00	0.04	0.00
purple martin	*Progne subis*	N/A	2.26	0.00	11.37	2.35	0.00	0.00	8.23	4.81	7.66	0.80	0.04	48.93
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.00	0.04	48.93
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.72	0.00	0.00	0.00
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	11.37	0.00	0.74	0.00	8.23	4.81	7.66	0.00	0.04	48.93
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.00	0.04	48.93
common yellowthroat	*Geothlypis trichas*	N/A	2.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.66	0.80	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.66	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.00	0.04	48.93
california towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.00	0.00	0.70	0.22	8.19	2.57	7.66	0.00	0.00	46.31
song sparrow	*Melospiza melodia*	N/A	2.26	0.00	11.37	2.35	0.74	0.00	8.23	4.81	7.66	0.80	0.04	48.93
red-winged blackbird	*Agelaius phoeniceus*	N/A	2.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.66	0.80	0.00	48.93
Mammals														
vagrant shrew	*Sorex vagrans*	N/A	2.26	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	0.00
broad-footed mole	*Scapanus latimanus*	N/A	2.26	0.00	11.37	2.35	0.00	0.00	8.23	4.81	7.66	0.80	0.04	0.00
yuma myotis	*Myotis yumanensis*	FS	2.26	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	48.93
long-eared myotis	*Myotis evotis*	FS	0.00	6.89	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	0.00
fringed myotis	*Myotis thysanodes*	FS	2.26	6.89	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	48.93
townsend's big-eared bat	*Corynorhinus townsendii*	FS	2.26	6.89	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	48.93
pallid bat	*Antrozous pallidus*	FS	2.26	6.89	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	48.93
brush rabbit	*Sylvilagus bachmani*	N/A	2.26	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	48.93
black-tailed jackrabbit	*Lepus californicus*	N/A	2.26	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	48.93
mountain beaver	*Aplodontia rufa*	N/A	0.00	0.00	11.37	2.35	0.00	0.00	8.23	4.81	7.66	0.80	0.04	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.00	11.37	2.35	0.00	0.00	8.23	4.81	7.66	0.00	0.04	0.00
california kangaroo rat	*Dipodomys californicus*	N/A	0.19	0.00	0.00	0.00	0.00	0.00	1.99	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	2.26	6.89	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	48.93
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Douglas-Fir	Klamath Mixed Conifer	Mixed Chaparral	Montane Chaparral	Montane Hardwood	Montane Hardwood -Conifer	Montane Riparian	Perennial Grassland	Redwood	Urban
sonoma red tree vole	*Arborimus pomo*	N/A	0.00	0.00	11.37	2.35	0.00	0.00	0.00	4.81	0.00	0.00	0.04	0.00
pacific jumping mouse	*Zapus trinotatus*	N/A	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
ringtail	*Bassariscus astutus*	N/A	2.26	6.89	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	0.00
marten	*Martes caurina*	FS	0.00	0.27	1.68	0.28	0.00	0.00	0.00	2.24	0.00	0.00	0.00	0.00
fisher	*Pekania pennanti*	FS & ST	0.00	0.00	11.37	2.35	0.00	0.00	0.00	4.81	7.66	0.00	0.04	0.00
wolverine	*Gulo gulo*	FS & ST	0.00	6.86	11.32	2.35	0.00	0.22	0.00	4.81	7.66	0.80	0.00	0.00
american badger	*Taxidea taxus*	N/A	2.26	6.89	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	0.00
western spotted skunk	*Spilogale gracilis*	N/A	2.26	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	48.93
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.66	0.00	0.00	0.00
mountain lion	*Puma concolor*	ST	2.26	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	0.00
Reptiles														
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	11.37	2.35	0.74	0.22	8.23	4.81	0.00	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	2.26	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	0.00
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	11.37	2.35	0.00	0.22	8.23	4.81	7.66	0.00	0.04	0.00
ring-necked snake	*Diadophis punctatus*	N/A	2.26	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.00	48.93
gophersnake	*Pituophis catenifer*	N/A	2.26	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	48.93
california mountain kingsnake	*Lampropeltis zonata*	N/A	2.26	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.00	0.04	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	2.26	0.00	11.37	2.35	0.74	0.22	8.23	4.81	7.66	0.80	0.04	0.00
Plants														
macdonald's rockcress	*Arabis macdonaldiana*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.57	0.00	0.00	0.00	0.00
baker's manzanita	*Arctostaphylos bakeri ssp. bakeri*	N/A	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
the cedars manzanita	*Arctostaphylos bakeri ssp. sublaevis*	FS	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vine hill manzanita	*Arctostaphylos densiflora*	SE	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
humboldt county milk-vetch	*Astragalus agnicidus*	FS & SE	0.00	0.00	0.00	2.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
clara hunt's milk-vetch	*Astragalus claranus*	FE & ST	2.26	0.00	0.00	0.00	0.70	0.00	8.19	0.00	0.00	0.00	0.00	0.00
bensoniella	*Bensoniella oregona*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.81	0.00	0.00	0.00	0.00
sonoma sunshine	*Blennosperma bakeri*	FE & SE	2.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
indian valley brodiaea	*Brodiaea rosea*	FS & SE	0.00	0.00	0.00	0.00	0.04	0.00	0.03	0.00	0.00	0.00	0.00	0.00
siskiyou mariposa lily	*Calochortus persistens*	FS	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ashland thistle	*Cirsium ciliolatum*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
vine hill clarkia	*Clarkia imbricata*	FE & SE	2.26	0.00	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pennell's bird's-beak	*Cordylanthus tenuis ssp. capillaris*	FE	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
trinity buckwheat	*Eriogonum alpinum*	FS & SE	0.00	0.27	0.00	0.00	0.00	0.00	0.00	2.24	0.00	0.00	0.00	0.00
kellogg's buckwheat	*Eriogonum kelloggii*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.57	0.00	0.00	0.00	0.00
loch lomond button-celery	*Eryngium constancei*	FE & SE	2.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	2.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	2.26	0.00	0.00	0.00	0.00	0.00	8.19	0.00	0.00	0.00	0.00	0.00
pitkin marsh lily	*Lilium pardalinum ssp. pitkinense*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	8.19	0.00	0.00	0.00	0.00	0.00
baker's meadowfoam	*Limnanthes bakeri*	FS	2.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sebastopol meadowfoam	*Limnanthes vinculans*	FE & SE	2.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
milo baker's lupine	*Lupinus milo-bakeri*	ST	2.26	0.00	0.00	0.00	0.00	0.00	8.19	0.00	0.00	0.00	0.00	0.00
many-flowered navarretia	*Navarretia leucocephala ssp. plieantha*	FE & SE	2.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yreka phlox	*Phlox hirsuta*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.24	0.00	0.00	0.00	0.00
napa blue grass	*Poa napensis*	FE & SE	2.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	2.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 1 – Northern California Coast Ranges Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Coastal Oak Woodland	Douglas-Fir	Lacustrine	Mixed Chaparral	Montane Chaparral
		Total:	16.20	18.90	21.84	10.74	2.76	13.59	0.25	4.85	3.60
Amphibians											
southern torrent salamander	*Rhyacotriton variegatus*	FS	0.00	0.00	0.00	0.00	0.00	13.45	0.00	0.00	0.00
california newt	*Taricha torosa*	N/A	7.99	0.00	21.84	10.74	0.09	0.14	0.25	4.85	0.00
del norte salamander	*Plethodon elongatus*	N/A	0.00	0.00	0.00	0.00	0.00	13.45	0.00	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	21.84	10.74	2.76	13.59	0.00	4.85	3.60
coastal tailed frog	*Ascaphus truei*	N/A	0.00	0.00	0.00	0.00	0.00	13.55	0.00	0.00	0.00
northern red-legged frog	*Rana aurora*	FS	8.21	0.00	0.00	0.00	2.65	11.81	0.00	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	16.20	0.00	21.84	10.74	2.76	13.59	0.00	4.85	3.60
california red-legged frog	*Rana draytonii*	FT	5.28	0.00	21.24	10.74	0.00	0.05	0.11	0.58	0.00
Birds											
common loon	*Gavia immer*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	9.24	0.00	0.00	0.00	0.00	0.11	0.00	0.00
least bittern	*Ixobrychus exilis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00
great blue heron	*Ardea herodias*	N/A	16.20	0.00	21.84	10.74	2.76	13.59	0.25	0.00	0.00
osprey	*Pandion haliaetus*	FS	16.20	18.90	21.84	10.74	2.76	13.59	0.25	4.85	3.60
white-tailed kite	*Elanus leucurus*	FS	16.20	18.90	21.84	10.74	2.00	0.00	0.00	4.85	0.00
bald eagle	*Haliaeetus leucocephalus*	FS & SE	16.20	18.90	21.84	10.74	2.76	13.59	0.25	4.85	3.60
northern harrier	*Circus cyaneus*	N/A	16.20	18.90	21.84	10.74	2.00	13.05	0.25	4.85	3.60
northern goshawk	*Accipiter gentilis*	FS	0.00	0.00	0.00	0.00	2.76	13.59	0.00	0.00	3.60
golden eagle	*Aquila chrysaetos*	FS	16.20	18.90	21.84	10.74	2.76	13.59	0.00	4.85	3.60
peregrine falcon	*Falco peregrinus*	FS	16.20	18.90	21.84	10.74	2.76	13.59	0.25	4.85	3.60
sooty grouse	*Dendragapus fuliginosus*	N/A	8.47	0.00	0.00	0.00	0.00	13.45	0.00	0.00	0.00
california quail	*Callipepla californica*	N/A	16.20	0.00	21.84	10.74	2.76	13.59	0.00	4.85	3.60
burrowing owl	*Athene cunicularia*	FS	13.20	18.90	0.60	0.56	2.00	0.00	0.00	4.27	3.60
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.00	2.76	13.55	0.00	0.00	0.00
northern spotted owl	*Strix occidentalis caurina*	FT & ST	0.00	0.00	0.00	0.00	2.76	13.55	0.00	0.00	0.00
long-eared owl	*Asio otus*	N/A	16.20	0.00	21.84	10.74	2.76	0.00	0.00	4.85	3.60
vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	0.00	2.76	13.59	0.15	4.27	3.60
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	10.74	0.00	13.59	0.00	4.85	0.00
purple martin	*Progne subis*	N/A	16.20	0.00	21.84	10.74	2.76	13.59	0.25	0.00	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	21.84	10.74	2.76	13.59	0.00	4.85	3.60
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	7.99	17.06	21.84	10.74	0.09	0.00	0.00	4.85	0.00
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	21.84	10.74	2.76	13.59	0.00	4.85	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	21.84	10.74	2.76	13.59	0.00	4.85	3.60
common yellowthroat	*Geothlypis trichas*	N/A	16.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	21.84	10.74	2.76	13.59	0.00	4.85	3.60
california towhee	*Pipilo crissalis*	N/A	0.00	0.00	21.84	10.74	2.00	0.00	0.00	4.85	3.60
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	7.99	0.00	0.00	10.74	0.00	0.00	0.00	4.85	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.29	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	8.20	0.00	21.84	10.74	0.09	0.00	0.00	4.85	0.00

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Coastal Oak Woodland	Douglas-Fir	Lacustrine	Mixed Chaparral	Montane Chaparral
bryant's savannah sparrow	*Passerculus sandwichensis alaudinus*	N/A	0.48	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	16.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	16.20	0.00	21.84	10.74	2.76	13.59	0.25	4.85	0.00
red-winged blackbird	*Agelaius phoeniceus*	N/A	16.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	3.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals											
vagrant shrew	*Sorex vagrans*	N/A	8.21	0.00	0.00	0.00	2.68	13.45	0.00	0.00	3.60
ornate shrew	*Sorex ornatus*	N/A	5.05	0.00	21.24	10.74	0.00	0.00	0.00	0.58	0.00
broad-footed mole	*Scapanus latimanus*	N/A	16.20	0.00	21.84	10.74	2.76	13.59	0.00	0.00	0.00
yuma myotis	*Myotis yumanensis*	FS	16.20	0.00	21.84	10.74	2.76	13.59	0.25	4.85	3.60
long-eared myotis	*Myotis evotis*	FS	0.00	18.90	21.84	10.74	2.76	13.59	0.25	4.85	3.60
fringed myotis	*Myotis thysanodes*	FS	16.20	18.90	21.84	10.74	2.76	13.59	0.25	4.85	3.60
western red bat	*Lasiurus blossevillii*	N/A	7.99	0.00	21.84	10.74	0.09	0.14	0.25	4.85	0.00
townsend's big-eared bat	*Corynorhinus townsendii*	FS	16.20	18.90	21.84	10.74	2.76	13.59	0.00	4.85	3.60
pallid bat	*Antrozous pallidus*	FS	16.20	18.90	21.84	10.74	2.76	13.59	0.00	4.85	3.60
brush rabbit	*Sylvilagus bachmani*	N/A	16.20	0.00	21.84	10.74	2.76	13.59	0.00	4.85	3.60
black-tailed jackrabbit	*Lepus californicus*	N/A	16.20	0.00	21.84	10.74	2.76	13.59	0.00	4.85	3.60
mountain beaver	*Aplodontia rufa*	N/A	0.00	0.00	0.00	0.00	0.00	13.45	0.00	0.00	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.00	0.00	0.00	2.68	13.55	0.00	0.00	0.00
california kangaroo rat	*Dipodomys californicus*	N/A	7.99	0.00	21.84	10.74	0.09	0.00	0.00	4.85	0.00
deer mouse	*Peromyscus maniculatus*	N/A	16.20	18.90	21.84	10.74	2.76	13.59	0.00	4.85	3.60
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	21.84	10.74	2.76	13.59	0.00	4.85	3.60
white-footed vole	*Arborimus albipes*	N/A	0.00	0.00	0.00	0.00	0.00	2.35	0.00	0.00	0.00
sonoma red tree vole	*Arborimus pomo*	N/A	0.00	0.00	0.00	0.00	0.00	13.59	0.00	0.00	0.00
california vole	*Microtus californicus*	N/A	7.99	0.00	21.84	10.74	0.09	0.14	0.00	4.85	0.00
pacific jumping mouse	*Zapus trinotatus*	N/A	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	16.20	18.90	21.84	10.74	2.76	13.59	0.00	4.85	3.60
marten	*Martes caurina*	FS	0.00	0.92	0.00	0.00	0.00	0.54	0.00	0.00	0.00
fisher	*Pekania pennanti*	FS & ST	0.00	0.00	0.00	0.00	0.00	13.59	0.00	0.00	0.00
wolverine	*Gulo gulo*	FS & ST	0.00	0.00	0.00	0.00	0.00	2.18	0.00	0.00	0.24
american badger	*Taxidea taxus*	N/A	16.20	18.90	21.84	10.74	2.76	13.59	0.00	4.85	3.60
western spotted skunk	*Spilogale gracilis*	N/A	16.20	0.00	21.84	10.74	2.76	13.59	0.00	4.85	3.60
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00
mountain lion	*Puma concolor*	ST	16.20	0.00	21.84	10.74	2.76	13.59	0.00	4.85	3.60
Reptiles											
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.00	0.00	13.59	0.00	4.85	3.60
western skink	*Plestiodon skiltonianus*	N/A	16.20	0.00	21.84	10.74	2.76	13.59	0.00	4.85	3.60
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	0.00	0.00	0.00	13.59	0.00	0.00	3.60
ring-necked snake	*Diadophis punctatus*	N/A	16.20	0.00	21.84	10.74	2.76	13.59	0.00	4.85	3.60
striped racer	*Coluber lateralis*	N/A	0.00	0.00	21.84	10.74	0.09	0.14	0.00	4.85	0.00
gophersnake	*Pituophis catenifer*	N/A	16.20	0.00	21.84	10.74	2.76	13.59	0.00	4.85	3.60
california mountain kingsnake	*Lampropeltis zonata*	N/A	16.20	0.00	21.84	10.74	2.76	13.59	0.00	4.85	3.60
common gartersnake	*Thamnophis sirtalis*	N/A	16.20	0.00	21.84	10.74	2.76	13.59	0.25	4.85	3.60
Plants											
macdonald's rockcress	*Arabis macdonaldiana*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
clara hunt's milk-vetch	*Astragalus claranus*	FE & ST	16.20	0.00	0.00	0.00	0.00	0.00	0.00	4.85	0.00

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Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Coastal Oak Woodland	Douglas-Fir	Lacustrine	Mixed Chaparral	Montane Chaparral
bensoniella	*Bensoniella oregona*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sonoma sunshine	*Blennosperma bakeri*	FE & SE	10.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
indian valley brodiaea	*Brodiaea rosea*	FS & SE	5.23	0.00	0.00	0.00	0.00	0.00	0.00	4.85	0.00
tiburon paintbrush	*Castilleja affinis var. neglecta*	FE & ST	5.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ashland thistle	*Cirsium ciliolatum*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vine hill clarkia	*Clarkia imbricata*	FE & SE	10.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
trinity buckwheat	*Eriogonum alpinum*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kellogg's buckwheat	*Eriogonum kelloggii*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loch lomond button-celery	*Eryngium constancei*	FE & SE	16.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	16.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	5.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county western flax	*Hesperolinon didymocarpum*	FS & SE	5.23	0.00	0.00	0.00	0.00	0.00	0.00	4.85	0.00
burke's goldfields	*Lasthenia burkei*	FE & SE	5.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	10.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pitkin marsh lily	*Lilium pardalinum ssp. pitkinense*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
baker's meadowfoam	*Limnanthes bakeri*	FS	10.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sebastopol meadowfoam	*Limnanthes vinculans*	FE & SE	10.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
milo baker's lupine	*Lupinus milo-bakeri*	ST	10.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
few-flowered navarretia	*Navarretia leucocephala ssp. pauciflora*	FE & ST	5.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
many-flowered navarretia	*Navarretia leucocephala ssp. plieantha*	FE & SE	16.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender orcutt grass	*Orcuttia tenuis*	FT & SE	5.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
geysers panicum	*Panicum acuminatum var. thermale*	SE	5.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yreka phlox	*Phlox hirsuta*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
calistoga popcornflower	*Plagiobothrys strictus*	FE & ST	5.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
napa blue grass	*Poa napensis*	FE & SE	10.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county stonecrop	*Sedella leiocarpa*	FE & SE	5.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
keck's checkerbloom	*Sidalcea keckii*	FE	5.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	16.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Pasture	Ponderosa Pine	Redwood	Riverine	Sierran Mixed Conifer	Urban
		Total:	11.78	0.72	0.81	0.04	2.35	0.01	0.01	0.91	55.87
Amphibians											
southern torrent salamander	*Rhyacotriton variegatus*	FS	0.00	0.70	0.81	0.00	0.00	0.00	0.01	0.00	0.00
california newt	*Taricha torosa*	N/A	0.00	0.02	0.00	0.00	2.35	0.00	0.00	0.91	0.00
del norte salamander	*Plethodon elongatus*	N/A	0.00	0.70	0.81	0.00	0.00	0.00	0.00	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	11.78	0.72	0.81	0.00	2.35	0.01	0.00	0.91	0.00
coastal tailed frog	*Ascaphus truei*	N/A	0.00	0.70	0.81	0.00	0.00	0.00	0.01	0.00	0.00
northern red-legged frog	*Rana aurora*	FS	3.37	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	11.78	0.72	0.81	0.00	2.35	0.01	0.01	0.91	0.00
california red-legged frog	*Rana draytonii*	FT	2.27	0.02	0.00	0.00	2.35	0.01	0.00	0.00	0.00
Birds											
common loon	*Gavia immer*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
least bittern	*Ixobrychus exilis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	11.78	0.72	0.81	0.00	2.35	0.01	0.01	0.91	55.87
osprey	*Pandion haliaetus*	FS	11.78	0.72	0.81	0.00	2.35	0.01	0.01	0.91	0.00
white-tailed kite	*Elanus leucurus*	FS	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	51.80
bald eagle	*Haliaeetus leucocephalus*	FS & SE	11.78	0.72	0.81	0.00	2.35	0.01	0.01	0.91	0.00
northern harrier	*Circus cyaneus*	N/A	11.76	0.57	0.81	0.00	2.35	0.01	0.00	0.91	55.82
northern goshawk	*Accipiter gentilis*	FS	8.45	0.72	0.81	0.00	0.00	0.01	0.00	0.00	0.00
golden eagle	*Aquila chrysaetos*	FS	11.78	0.72	0.81	0.04	2.35	0.01	0.00	0.91	55.87
peregrine falcon	*Falco peregrinus*	FS	11.78	0.72	0.81	0.00	2.35	0.01	0.01	0.91	55.87
sooty grouse	*Dendragapus fuliginosus*	N/A	8.01	0.72	0.81	0.00	0.00	0.00	0.00	0.00	0.00
california quail	*Callipepla californica*	N/A	11.78	0.72	0.81	0.00	2.35	0.01	0.00	0.91	55.87
burrowing owl	*Athene cunicularia*	FS	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	44.31
spotted owl	*Strix occidentalis*	N/A	8.66	0.72	0.81	0.00	0.50	0.01	0.00	0.91	0.00
northern spotted owl	*Strix occidentalis caurina*	FT & ST	8.66	0.72	0.81	0.00	0.50	0.01	0.00	0.91	0.00
long-eared owl	*Asio otus*	N/A	11.78	0.72	0.81	0.04	2.35	0.00	0.00	0.91	0.00
vaux's swift	*Chaetura vauxi*	N/A	9.52	0.72	0.81	0.00	0.00	0.01	0.01	0.00	46.01
olive-sided flycatcher	*Contopus cooperi*	N/A	11.48	0.72	0.81	0.00	2.35	0.01	0.00	0.91	0.00
purple martin	*Progne subis*	N/A	11.78	0.72	0.81	0.00	2.35	0.01	0.01	0.91	55.87
bewick's wren	*Thryomanes bewickii*	N/A	11.78	0.72	0.81	0.00	2.35	0.01	0.00	0.00	55.87
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.81	0.00	0.00	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	3.91	0.02	0.00	0.00	2.35	0.00	0.00	0.00	10.30
hutton's vireo	*Vireo huttoni*	N/A	11.78	0.72	0.81	0.00	2.35	0.01	0.00	0.91	55.87
yellow warbler	*Setophaga petechia*	N/A	11.78	0.72	0.81	0.00	2.35	0.01	0.00	0.91	55.87
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.81	0.00	2.35	0.00	0.00	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.81	0.00	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	11.78	0.72	0.81	0.00	2.35	0.01	0.00	0.91	55.87
california towhee	*Pipilo crissalis*	N/A	11.76	0.57	0.81	0.00	2.35	0.00	0.00	0.00	55.85
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Pasture	Ponderosa Pine	Redwood	Riverine	Sierran Mixed Conifer	Urban
bryant's savannah sparrow	*Passerculus sandwichensis alaudinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	11.78	0.72	0.81	0.00	2.35	0.01	0.01	0.91	55.87
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.00	0.81	0.00	0.00	0.00	0.00	0.00	55.87
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.88
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals											
vagrant shrew	*Sorex vagrans*	N/A	7.86	0.70	0.81	0.00	0.00	0.00	0.00	0.00	0.00
ornate shrew	*Sorex ornatus*	N/A	0.00	0.00	0.00	0.00	2.35	0.00	0.00	0.91	0.00
broad-footed mole	*Scapanus latimanus*	N/A	11.78	0.72	0.81	0.04	2.35	0.01	0.00	0.91	0.00
yuma myotis	*Myotis yumanensis*	FS	11.78	0.72	0.81	0.04	2.35	0.01	0.01	0.91	55.87
long-eared myotis	*Myotis evotis*	FS	11.78	0.72	0.81	0.04	2.35	0.01	0.01	0.91	0.00
fringed myotis	*Myotis thysanodes*	FS	11.78	0.72	0.81	0.04	2.35	0.01	0.01	0.91	55.87
western red bat	*Lasiurus blossevillii*	N/A	3.91	0.02	0.00	0.04	2.35	0.01	0.00	0.91	10.30
townsend's big-eared bat	*Corynorhinus townsendii*	FS	11.78	0.72	0.81	0.04	2.35	0.01	0.01	0.91	55.87
pallid bat	*Antrozous pallidus*	FS	11.78	0.72	0.81	0.04	2.35	0.01	0.01	0.91	55.87
brush rabbit	*Sylvilagus bachmani*	N/A	11.78	0.72	0.81	0.04	2.35	0.01	0.00	0.91	55.87
black-tailed jackrabbit	*Lepus californicus*	N/A	11.78	0.72	0.81	0.04	2.35	0.01	0.00	0.91	55.87
mountain beaver	*Aplodontia rufa*	N/A	7.86	0.70	0.81	0.00	0.00	0.00	0.00	0.00	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	7.99	0.70	0.81	0.00	0.00	0.00	0.00	0.00	0.00
california kangaroo rat	*Dipodomys californicus*	N/A	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	11.78	0.72	0.81	0.04	2.35	0.01	0.00	0.91	55.87
dusky-footed woodrat	*Neotoma fuscipes*	N/A	11.78	0.72	0.81	0.00	2.35	0.01	0.00	0.91	0.00
white-footed vole	*Arborimus albipes*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sonoma red tree vole	*Arborimus pomo*	N/A	0.00	0.72	0.00	0.00	0.00	0.01	0.00	0.00	0.00
california vole	*Microtus californicus*	N/A	3.91	0.02	0.00	0.04	2.35	0.01	0.00	0.91	10.30
pacific jumping mouse	*Zapus trinotatus*	N/A	0.00	0.02	0.00	0.04	0.00	0.01	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	11.78	0.72	0.81	0.04	2.35	0.01	0.00	0.91	0.00
marten	*Martes caurina*	FS	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
fisher	*Pekania pennanti*	FS & ST	0.00	0.72	0.81	0.00	0.00	0.01	0.00	0.00	0.00
wolverine	*Gulo gulo*	FS & ST	0.00	0.14	0.81	0.00	0.00	0.00	0.00	0.00	0.00
american badger	*Taxidea taxus*	N/A	11.78	0.72	0.81	0.04	2.35	0.01	0.00	0.91	0.00
western spotted skunk	*Spilogale gracilis*	N/A	11.78	0.72	0.81	0.04	2.35	0.01	0.00	0.91	55.87
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.81	0.00	0.00	0.00	0.01	0.00	0.00
mountain lion	*Puma concolor*	ST	11.78	0.72	0.81	0.04	2.35	0.01	0.00	0.91	0.00
Reptiles											
common sagebrush lizard	*Sceloporus graciosus*	FS	11.78	0.72	0.00	0.00	2.35	0.00	0.00	0.91	0.00
western skink	*Plestiodon skiltonianus*	N/A	11.78	0.72	0.81	0.04	2.35	0.01	0.00	0.91	0.00
northern rubber boa	*Charina bottae*	N/A	11.78	0.72	0.81	0.00	2.35	0.01	0.00	0.91	0.00
ring-necked snake	*Diadophis punctatus*	N/A	11.78	0.72	0.81	0.04	2.35	0.00	0.00	0.91	55.87
striped racer	*Coluber lateralis*	N/A	3.91	0.02	0.00	0.00	2.35	0.00	0.00	0.91	0.00
gophersnake	*Pituophis catenifer*	N/A	11.78	0.72	0.81	0.04	2.35	0.01	0.00	0.91	55.87
california mountain kingsnake	*Lampropeltis zonata*	N/A	11.78	0.72	0.81	0.00	2.35	0.01	0.00	0.91	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	11.78	0.72	0.81	0.04	2.35	0.01	0.00	0.91	0.00
Plants											
macdonald's rockcress	*Arabis macdonaldiana*	FE & SE	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Pasture	Ponderosa Pine	Redwood	Riverine	Sierran Mixed Conifer	Urban
clara hunt's milk-vetch	*Astragalus claranus*	FE & ST	11.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bensoniella	*Bensoniella oregona*	FS	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sonoma sunshine	*Blennosperma bakeri*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
indian valley brodiaea	*Brodiaea rosea*	FS & SE	3.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tiburon paintbrush	*Castilleja affinis var. neglecta*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ashland thistle	*Cirsium ciliolatum*	FS & SE	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vine hill clarkia	*Clarkia imbricata*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
trinity buckwheat	*Eriogonum alpinum*	FS & SE	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kellogg's buckwheat	*Eriogonum kelloggii*	FS & SE	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loch lomond button-celery	*Eryngium constancei*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county western flax	*Hesperolinon didymocarpum*	FS & SE	3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burke's goldfields	*Lasthenia burkei*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	8.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pitkin marsh lily	*Lilium pardalinum ssp. pitkinense*	FE & SE	8.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
baker's meadowfoam	*Limnanthes bakeri*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sebastopol meadowfoam	*Limnanthes vinculans*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
milo baker's lupine	*Lupinus milo-bakeri*	ST	8.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
few-flowered navarretia	*Navarretia leucocephala ssp. pauciflora*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
many-flowered navarretia	*Navarretia leucocephala ssp. plieantha*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender orcutt grass	*Orcuttia tenuis*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
geysers panicum	*Panicum acuminatum var. thermale*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yreka phlox	*Phlox hirsuta*	FE & SE	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
calistoga popcornflower	*Plagiobothrys strictus*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
napa blue grass	*Poa napensis*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county stonecrop	*Sedella leiocarpa*	FE & SE	3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
keck's checkerbloom	*Sidalcea keckii*	FE	3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Caltrans District 1 – Northern California Coast Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Douglas-Fir	Lacustrine	Marine	Montane Chaparral
		Total:	25.35	210.19	2.41	0.92	1.28	24.73	0.11	0.11	0.04
Amphibians											
southern torrent salamander	*Rhyacotriton variegatus*	FS	0.00	0.00	0.00	0.00	0.00	24.73	0.00	0.00	0.00
California newt	*Taricha torosa*	N/A	6.04	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00
del norte salamander	*Plethodon elongatus*	N/A	0.00	0.00	0.00	0.00	0.00	20.34	0.00	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	2.41	0.92	1.28	24.73	0.00	0.00	0.04
coastal tailed frog	*Ascaphus truei*	N/A	0.00	0.00	0.00	0.00	1.28	24.73	0.00	0.00	0.00
northern red-legged frog	*Rana aurora*	FS	24.02	0.00	0.94	0.92	1.21	24.56	0.11	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	25.25	0.00	2.41	0.92	1.28	24.73	0.00	0.00	0.04
California red-legged frog	*Rana draytonii*	FT	0.75	0.00	1.48	0.00	0.07	0.00	0.00	0.00	0.00
Birds											
common loon	*Gavia immer*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00
great blue heron	*Ardea herodias*	N/A	25.35	0.00	2.41	0.92	1.28	24.73	0.11	0.11	0.00
great egret	*Ardea alba*	N/A	10.59	0.00	2.41	0.00	0.00	0.00	0.00	0.00	0.00
harlequin duck	*Histrionicus histrionicus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00
barrow's goldeneye	*Bucephala islandica*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	25.35	210.19	2.41	0.92	0.00	24.73	0.11	0.11	0.04
white-tailed kite	*Elanus leucurus*	FS	25.35	210.19	0.00	0.92	1.28	0.00	0.00	0.00	0.00
bald eagle	*Haliaeetus leucocephalus*	FS & SE	25.35	210.19	0.00	0.92	1.28	24.73	0.11	0.11	0.04
northern harrier	*Circus cyaneus*	N/A	24.34	200.33	2.41	0.00	1.28	21.77	0.00	0.11	0.04
northern goshawk	*Accipiter gentilis*	FS	0.00	0.00	0.00	0.92	0.00	24.72	0.00	0.00	0.04
golden eagle	*Aquila chrysaetos*	FS	21.45	172.44	0.00	0.92	0.98	24.42	0.00	0.00	0.04
peregrine falcon	*Falco peregrinus*	FS	25.35	210.19	2.41	0.92	1.28	24.73	0.11	0.11	0.04
sooty grouse	*Dendragapus fuliginosus*	N/A	15.32	0.00	0.00	0.00	0.00	24.73	0.00	0.00	0.00
California quail	*Callipepla californica*	N/A	25.35	0.00	2.41	0.92	1.28	24.73	0.00	0.00	0.04
snowy plover	*Charadrius nivosus*	FT	0.00	90.47	0.00	0.00	0.00	0.00	0.00	0.11	0.00
mountain plover	*Charadrius montanus*	FS	0.02	5.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marbled murrelet	*Brachyramphus marmoratus*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00
cassin's auklet	*Ptychoramphus aleuticus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00
tufted puffin	*Fratercula cirrhata*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00
burrowing owl	*Athene cunicularia*	FS	10.56	116.28	0.00	0.00	0.74	0.00	0.00	0.00	0.00
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.92	0.00	24.73	0.00	0.00	0.00
northern spotted owl	*Strix occidentalis caurina*	FT & ST	0.00	0.00	0.00	0.92	0.00	24.73	0.00	0.00	0.00
long-eared owl	*Asio otus*	N/A	25.35	0.00	0.00	0.92	0.00	0.00	0.00	0.00	0.04
short-eared owl	*Asio flammeus*	N/A	11.12	0.00	0.00	0.00	0.92	0.01	0.00	0.00	0.00
vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	2.41	0.92	0.00	24.73	0.11	0.00	0.04
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.00	0.00	24.73	0.00	0.00	0.00
purple martin	*Progne subis*	N/A	25.35	0.00	2.41	0.92	0.00	24.73	0.11	0.00	0.00
bank swallow	*Riparia riparia*	FS & ST	0.75	30.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.00	0.92	1.28	24.73	0.00	0.00	0.04
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	11.48	91.21	2.41	0.00	0.86	0.00	0.00	0.00	0.00
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	2.41	0.92	1.28	24.73	0.00	0.00	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	2.41	0.92	1.28	24.73	0.00	0.00	0.04
common yellowthroat	*Geothlypis trichas*	N/A	25.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	1.28	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	2.41	0.92	1.28	24.73	0.00	0.00	0.04
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	2.41	0.92	1.07	0.00	0.00	0.00	0.00
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Annual Grass	Barren	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Douglas-Fir	Lacustrine	Marine	Montane Chaparral
Oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	25.35	0.00	0.00	0.92	1.28	0.00	0.00	0.00	0.00
bryant's savannah sparrow	*Passerculus sandwichensis alaudinus*	N/A	24.03	0.00	0.00	0.00	1.28	0.00	0.00	0.00	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	24.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	25.35	0.00	2.41	0.92	1.28	24.73	0.11	0.11	0.00
red-winged blackbird	*Agelaius phoeniceus*	N/A	25.35	0.00	0.00	0.00	1.28	0.00	0.00	0.00	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	7.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
fork-tailed storm-petrel	*Oceanodroma furcata*	FS	0.00	28.85	0.00	0.00	0.00	0.00	0.00	0.11	0.00
ashy storm-petrel	*Oceanodroma homochroa*	FS	0.00	4.51	0.00	0.00	0.00	0.00	0.00	0.11	0.00
black storm-petrel	*Oceanodroma melania*	N/A	0.00	4.51	0.00	0.00	0.00	0.00	0.00	0.11	0.00
Mammals											
vagrant shrew	*Sorex vagrans*	N/A	24.96	0.00	0.00	0.92	1.28	24.73	0.00	0.00	0.04
broad-footed mole	*Scapanus latimanus*	N/A	18.29	0.00	0.00	0.92	0.98	5.44	0.00	0.00	0.00
yuma myotis	*Myotis yumanensis*	FS	25.35	0.00	2.41	0.92	1.28	24.73	0.11	0.00	0.04
long-eared myotis	*Myotis evotis*	FS	0.00	210.19	2.41	0.92	1.28	24.73	0.11	0.00	0.04
fringed myotis	*Myotis thysanodes*	FS	25.35	210.19	2.41	0.92	1.28	24.73	0.11	0.00	0.04
western red bat	*Lasiurus blossevillii*	N/A	7.61	0.00	0.00	0.00	0.62	0.06	0.00	0.00	0.00
townsend's big-eared bat	*Corynorhinus townsendii*	FS	25.35	210.19	0.00	0.92	1.28	24.73	0.00	0.00	0.04
pallid bat	*Antrozous pallidus*	FS	25.35	210.19	0.00	0.92	1.28	24.73	0.00	0.00	0.04
brush rabbit	*Sylvilagus bachmani*	N/A	25.35	0.00	0.00	0.92	1.28	24.73	0.00	0.00	0.04
black-tailed jackrabbit	*Lepus californicus*	N/A	25.35	0.00	2.41	0.92	1.28	24.73	0.00	0.00	0.04
mountain beaver	*Aplodontia rufa*	N/A	0.00	0.00	0.00	0.00	0.37	21.42	0.00	0.00	0.00
point arena mountain beaver	*Aplodontia rufa nigra*	FE	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.00	0.00	0.92	0.00	24.73	0.00	0.00	0.00
California kangaroo rat	*Dipodomys californicus*	N/A	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	25.35	210.19	2.41	0.92	1.28	24.73	0.00	0.00	0.04
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	2.41	0.92	1.28	24.73	0.00	0.00	0.04
white-footed vole	*Arborimus albipes*	N/A	0.00	0.00	0.00	0.00	0.00	20.40	0.00	0.00	0.00
sonoma red tree vole	*Arborimus pomo*	N/A	0.00	0.00	0.00	0.00	0.00	24.73	0.00	0.00	0.00
California vole	*Microtus californicus*	N/A	8.23	0.00	0.00	0.00	0.67	0.75	0.00	0.00	0.00
pacific jumping mouse	*Zapus trinotatus*	N/A	0.00	0.00	0.00	0.00	0.00	19.52	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	25.35	210.19	2.41	0.92	1.28	24.73	0.00	0.00	0.04
marten	*Martes caurina*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
fisher	*Pekania pennanti*	FS & ST	0.00	0.00	0.00	0.00	0.00	24.73	0.00	0.00	0.00
american badger	*Taxidea taxus*	N/A	24.04	174.74	2.41	0.92	1.09	24.42	0.00	0.00	0.04
western spotted skunk	*Spilogale gracilis*	N/A	25.35	0.00	2.41	0.92	1.28	24.73	0.00	0.00	0.04
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.11	0.00
mountain lion	*Puma concolor*	ST	25.35	0.00	2.41	0.92	1.28	24.73	0.00	0.00	0.04
northern fur-seal	*Callorhinus ursinus*	N/A	0.00	28.85	0.00	0.00	0.00	0.00	0.00	0.11	0.00
northern (steller) sea-lion	*Eumetopias jubatus*	N/A	0.00	28.85	0.00	0.00	0.00	0.00	0.00	0.11	0.00
California sea-lion	*Zalophus californianus*	N/A	0.00	28.85	0.00	0.00	0.00	0.00	0.00	0.11	0.00
harbor seal	*Phoca vitulina*	N/A	0.00	28.85	0.00	0.00	0.00	0.00	0.00	0.11	0.00
northern elephant seal	*Mirounga angustirostris*	N/A	0.00	28.85	0.00	0.00	0.00	0.00	0.00	0.11	0.00
Reptiles											
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.00	0.00	24.73	0.00	0.00	0.04
western skink	*Plestiodon skiltonianus*	N/A	25.35	0.00	2.41	0.92	1.28	24.73	0.00	0.00	0.04
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	2.41	0.00	0.00	24.73	0.00	0.00	0.04
ring-necked snake	*Diadophis punctatus*	N/A	25.35	0.00	2.41	0.92	1.28	24.73	0.00	0.00	0.04
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	25.35	0.00	2.41	0.92	1.28	24.73	0.00	0.00	0.04

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Douglas-Fir	Lacustrine	Marine	Montane Chaparral
California mountain kingsnake	*Lampropeltis zonata*	N/A	0.59	0.00	0.00	0.00	0.00	1.05	0.00	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	25.35	0.00	2.41	0.92	1.28	24.73	0.11	0.00	0.04
Invertebrates											
behren's silverspot butterfly	*Speyeria zerene behrensii*	FE	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oregon silverspot butterfly	*Speyeria zerene hippolyta*	FT	0.00	30.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants											
macdonald's rockcress	*Arabis macdonaldiana*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
clara hunt's milk-vetch	*Astragalus claranus*	FE & ST	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bensoniella	*Bensoniella oregona*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sonoma sunshine	*Blennosperma bakeri*	FE & SE	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
point reyes blennosperma	*Blennosperma nanum var. robustum*	N/A	0.00	0.00	0.00	0.00	0.91	0.00	0.00	0.00	0.00
indian valley brodiaea	*Brodiaea rosea*	FS & SE	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
howell's spineflower	*Chorizanthe howellii*	FE & ST	0.00	0.00	0.00	0.00	0.91	0.00	0.00	0.00	0.00
ashland thistle	*Cirsium ciliolatum*	FS & SE	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vine hill clarkia	*Clarkia imbricata*	FE & SE	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
trinity buckwheat	*Eriogonum alpinum*	FS & SE	0.00	30.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kellogg's buckwheat	*Eriogonum kelloggii*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loch lomond button-celery	*Eryngium constancei*	FE & SE	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
menzies' wallflower	*Erysimum menziesii*	FE & SE	0.00	0.00	0.00	0.00	0.91	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	24.50	0.00	0.00	0.00	1.28	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	24.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
beach layia	*Layia carnosa*	FE & SE	0.00	0.00	0.00	0.00	0.91	0.00	0.00	0.00	0.00
western lily	*Lilium occidentale*	FE & SE	0.00	0.00	0.00	0.00	0.91	0.00	0.00	0.00	0.00
pitkin marsh lily	*Lilium pardalinum ssp. pitkinense*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
baker's meadowfoam	*Limnanthes bakeri*	FS	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sebastopol meadowfoam	*Limnanthes vinculans*	FE & SE	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
milo baker's lupine	*Lupinus milo-bakeri*	ST	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tidestrom's lupine	*Lupinus tidestromii*	FE & SE	0.00	0.00	0.00	0.00	0.91	0.00	0.00	0.00	0.00
many-flowered navarretia	*Navarretia leucocephala ssp. plieantha*	FE & SE	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kneeland prairie pennycress	*Noccaea fendleri ssp. californica*	FE	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.00	0.00
yreka phlox	*Phlox hirsuta*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
napa blue grass	*Poa napensis*	FE & SE	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	14.94	0.00	0.00	0.00	0.37	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Pasture	Perennial Grassland	Ponderosa Pine	Redwood	Riverine	Saline Emergent Wetland	Urban
		Total:	4.97	24.26	3.54	0.69	0.14	0.08	48.24	4.41	0.26	14.99
Amphibians												
southern torrent salamander	*Rhyacotriton variegatus*	FS	0.00	24.26	3.54	0.00	0.00	0.00	48.24	4.41	0.00	0.00
California newt	*Taricha torosa*	N/A	0.00	0.09	0.81	0.00	0.00	0.00	0.00	0.05	0.00	0.00
del norte salamander	*Plethodon elongatus*	N/A	0.00	6.79	1.40	0.00	0.00	0.00	6.20	0.00	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	4.97	24.26	3.54	0.00	0.00	0.08	48.24	0.00	0.00	0.00
coastal tailed frog	*Ascaphus truei*	N/A	0.00	24.25	3.54	0.00	0.00	0.08	48.23	4.41	0.00	0.00
northern red-legged frog	*Rana aurora*	FS	4.37	23.72	3.35	0.00	0.14	0.00	47.48	4.36	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	4.97	24.24	3.54	0.00	0.00	0.08	48.24	4.41	0.00	0.00
California red-legged frog	*Rana draytonii*	FT	0.00	0.00	0.19	0.00	0.00	0.00	0.22	0.00	0.00	0.00
Birds												
common loon	*Gavia immer*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	4.97	24.26	3.54	0.00	0.14	0.08	48.24	4.41	0.26	14.99
great egret	*Ardea alba*	N/A	0.00	1.47	1.86	0.00	0.06	0.00	3.33	0.52	0.26	10.90
harlequin duck	*Histrionicus histrionicus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
barrow's goldeneye	*Bucephala islandica*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00	0.00
osprey	*Pandion haliaetus*	FS	4.97	24.26	3.54	0.00	0.14	0.08	48.24	4.41	0.26	0.00
white-tailed kite	*Elanus leucurus*	FS	0.00	0.00	0.00	0.00	0.14	0.00	48.24	0.00	0.26	14.99
bald eagle	*Haliaeetus leucocephalus*	FS & SE	4.97	24.26	3.54	0.00	0.14	0.08	48.24	4.41	0.26	0.00
northern harrier	*Circus cyaneus*	N/A	2.62	22.25	3.54	0.00	0.14	0.08	46.82	4.36	0.26	14.84
northern goshawk	*Accipiter gentilis*	FS	4.87	18.20	0.00	0.00	0.00	0.08	30.49	0.00	0.00	0.00
golden eagle	*Aquila chrysaetos*	FS	4.88	21.75	2.03	0.02	0.09	0.08	43.18	0.00	0.00	1.75
peregrine falcon	*Falco peregrinus*	FS	4.97	24.26	3.54	0.00	0.14	0.08	48.24	4.41	0.26	14.99
sooty grouse	*Dendragapus fuliginosus*	N/A	4.97	22.83	1.67	0.00	0.08	0.08	45.49	0.00	0.00	0.00
California quail	*Callipepla californica*	N/A	4.97	24.26	3.54	0.00	0.14	0.08	48.24	0.00	0.00	14.99
snowy plover	*Charadrius nivosus*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mountain plover	*Charadrius montanus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marbled murrelet	*Brachyramphus marmoratus*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00
cassin's auklet	*Ptychoramphus aleuticus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tufted puffin	*Fratercula cirrhata*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.00	0.00	0.00	0.44	0.01	0.00	0.00	0.00	0.00	2.10
spotted owl	*Strix occidentalis*	N/A	4.97	24.07	2.29	0.00	0.00	0.08	47.90	0.00	0.00	0.00
northern spotted owl	*Strix occidentalis caurina*	FT & ST	4.97	24.07	2.29	0.00	0.00	0.08	47.90	0.00	0.00	0.00
long-eared owl	*Asio otus*	N/A	4.97	24.26	3.54	0.69	0.14	0.08	0.00	0.00	0.00	0.00
short-eared owl	*Asio flammeus*	N/A	0.00	2.56	2.89	0.00	0.06	0.00	6.19	0.00	0.26	13.73
vaux's swift	*Chaetura vauxi*	N/A	4.97	24.26	3.54	0.00	0.14	0.08	48.24	4.41	0.00	14.99
olive-sided flycatcher	*Contopus cooperi*	N/A	4.97	24.26	3.54	0.00	0.00	0.08	48.24	0.00	0.00	0.00
purple martin	*Progne subis*	N/A	4.97	24.26	3.54	0.00	0.14	0.08	48.24	4.41	0.00	14.99
bank swallow	*Riparia riparia*	FS & ST	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.13	0.00	0.00
bewick's wren	*Thryomanes bewickii*	N/A	4.97	24.26	3.54	0.00	0.00	0.08	48.24	0.00	0.00	14.99
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	3.54	0.00	0.00	0.00	0.00	0.00	0.26	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.14	2.32	2.64	0.00	0.06	0.00	0.00	0.00	0.00	10.90
hutton's vireo	*Vireo huttoni*	N/A	4.97	24.26	3.54	0.00	0.00	0.08	48.24	0.00	0.00	14.99
yellow warbler	*Setophaga petechia*	N/A	4.97	24.26	3.54	0.00	0.00	0.08	48.24	0.00	0.00	14.99
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	3.54	0.00	0.14	0.08	0.00	0.00	0.26	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	3.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	4.97	24.26	3.54	0.00	0.00	0.08	48.24	0.00	0.00	14.99
California towhee	*Pipilo crissalis*	N/A	4.85	21.04	1.93	0.00	0.00	0.08	0.00	0.00	0.00	1.86
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Pasture	Perennial Grassland	Ponderosa Pine	Redwood	Riverine	Saline Emergent Wetland	Urban
savannah sparrow	*Passerculus sandwichensis*	N/A	0.00	0.00	0.00	0.69	0.14	0.00	0.00	0.00	0.26	0.00
bryant's savannah sparrow	*Passerculus sandwichensis alaudinus*	N/A	0.00	0.00	0.00	0.69	0.14	0.00	0.00	0.00	0.26	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	4.97	24.26	3.54	0.00	0.14	0.08	48.24	4.41	0.26	14.99
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.00	3.54	0.00	0.14	0.00	0.00	0.00	0.26	14.99
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.73
fork-tailed storm-petrel	*Oceanodroma furcata*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ashy storm-petrel	*Oceanodroma homochroa*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black storm-petrel	*Oceanodroma melania*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals												
vagrant shrew	*Sorex vagrans*	N/A	4.58	24.19	3.54	0.00	0.14	0.08	38.22	0.00	0.26	0.00
broad-footed mole	*Scapanus latimanus*	N/A	4.88	17.36	1.85	0.02	0.09	0.08	41.95	0.00	0.00	0.00
yuma myotis	*Myotis yumanensis*	FS	4.97	24.26	3.54	0.69	0.14	0.08	48.24	4.41	0.00	14.99
long-eared myotis	*Myotis evotis*	FS	4.97	24.26	3.54	0.69	0.14	0.08	48.24	4.41	0.00	0.00
fringed myotis	*Myotis thysanodes*	FS	4.97	24.26	3.54	0.69	0.14	0.08	48.24	4.41	0.00	14.99
western red bat	*Lasiurus blossevillii*	N/A	0.38	0.29	1.21	0.02	0.01	0.00	11.18	0.05	0.00	0.49
townsend's big-eared bat	*Corynorhinus townsendii*	FS	4.97	24.26	3.54	0.69	0.14	0.08	48.24	4.41	0.00	14.99
pallid bat	*Antrozous pallidus*	FS	4.97	24.26	3.54	0.69	0.14	0.08	48.24	4.41	0.00	14.99
brush rabbit	*Sylvilagus bachmani*	N/A	4.97	24.26	3.54	0.69	0.14	0.08	48.24	0.00	0.00	14.99
black-tailed jackrabbit	*Lepus californicus*	N/A	4.97	24.26	3.54	0.69	0.14	0.08	48.24	0.00	0.00	14.99
mountain beaver	*Aplodontia rufa*	N/A	0.18	7.17	1.99	0.00	0.12	0.00	11.00	0.00	0.00	0.00
point arena mountain beaver	*Aplodontia rufa nigra*	FE	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	4.60	24.26	3.54	0.00	0.00	0.08	48.24	0.00	0.00	0.00
California kangaroo rat	*Dipodomys californicus*	N/A	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	4.97	24.26	3.54	0.69	0.14	0.08	48.24	0.00	0.26	14.99
dusky-footed woodrat	*Neotoma fuscipes*	N/A	4.97	24.26	3.54	0.00	0.14	0.08	48.24	0.00	0.00	0.00
white-footed vole	*Arborimus albipes*	N/A	0.00	0.00	1.78	0.00	0.00	0.00	8.33	0.00	0.00	0.00
sonoma red tree vole	*Arborimus pomo*	N/A	0.00	24.26	0.00	0.00	0.00	0.00	48.24	0.00	0.00	0.00
California vole	*Microtus californicus*	N/A	0.38	0.36	1.60	0.10	0.06	0.00	15.62	0.00	0.26	9.93
pacific jumping mouse	*Zapus trinotatus*	N/A	0.00	22.97	0.00	0.69	0.14	0.00	48.12	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	4.97	24.26	3.54	0.69	0.14	0.08	48.24	0.00	0.00	0.00
marten	*Martes caurina*	FS	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
fisher	*Pekania pennanti*	FS & ST	0.00	24.26	3.54	0.00	0.00	0.08	48.24	0.00	0.00	0.00
american badger	*Taxidea taxus*	N/A	4.88	21.92	2.25	0.52	0.14	0.08	43.30	0.00	0.00	0.00
western spotted skunk	*Spilogale gracilis*	N/A	4.97	24.26	3.54	0.69	0.14	0.08	48.24	0.00	0.00	14.99
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	3.54	0.00	0.00	0.00	0.00	4.41	0.26	0.00
mountain lion	*Puma concolor*	ST	4.97	24.26	3.54	0.69	0.14	0.08	48.24	0.00	0.00	0.00
northern fur-seal	*Callorhinus ursinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern (steller) sea-lion	*Eumetopias jubatus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California sea-lion	*Zalophus californianus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
harbor seal	*Phoca vitulina*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern elephant seal	*Mirounga angustirostris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reptiles												
common sagebrush lizard	*Sceloporus graciosus*	FS	4.97	24.26	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	4.97	24.26	3.54	0.69	0.14	0.08	48.24	0.00	0.00	0.00
northern rubber boa	*Charina bottae*	N/A	4.97	24.26	3.54	0.00	0.00	0.08	48.24	0.00	0.00	0.00
ring-necked snake	*Diadophis punctatus*	N/A	4.97	24.26	3.54	0.69	0.14	0.08	0.00	0.00	0.00	14.99
striped racer	*Coluber lateralis*	N/A	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	4.97	24.26	3.54	0.69	0.14	0.08	48.24	0.00	0.00	14.99
California mountain kingsnake	*Lampropeltis zonata*	N/A	0.13	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	4.97	24.26	3.54	0.69	0.14	0.08	48.24	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Pasture	Perennial Grassland	Ponderosa Pine	Redwood	Riverine	Saline Emergent Wetland	Urban
Invertebrates												
behren's silverspot butterfly	*Speyeria zerene behrensii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oregon silverspot butterfly	*Speyeria zerene hippolyta*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants												
macdonald's rockcress	*Arabis macdonaldiana*	FE & SE	0.00	22.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
clara hunt's milk-vetch	*Astragalus claranus*	FE & ST	4.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bensoniella	*Bensoniella oregona*	FS	0.00	23.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sonoma sunshine	*Blennosperma bakeri*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
point reyes blennosperma	*Blennosperma nanum var. robustum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
indian valley brodiaea	*Brodiaea rosea*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
howell's spineflower	*Chorizanthe howellii*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ashland thistle	*Cirsium ciliolatum*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vine hill clarkia	*Clarkia imbricata*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
trinity buckwheat	*Eriogonum alpinum*	FS & SE	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kellogg's buckwheat	*Eriogonum kelloggii*	FS & SE	0.00	22.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loch lomond button-celery	*Eryngium constancei*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
menzies' wallflower	*Erysimum menziesii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	4.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
beach layia	*Layia carnosa*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western lily	*Lilium occidentale*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pitkin marsh lily	*Lilium pardalinum ssp. pitkinense*	FE & SE	4.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
baker's meadowfoam	*Limnanthes bakeri*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sebastopol meadowfoam	*Limnanthes vinculans*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
milo baker's lupine	*Lupinus milo-bakeri*	ST	4.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tidestrom's lupine	*Lupinus tidestromii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
many-flowered navarretia	*Navarretia leucocephala ssp. plieantha*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kneeland prairie pennycress	*Noccaea fendleri ssp. californica*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yreka phlox	*Phlox hirsuta*	FE & SE	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
napa blue grass	*Poa napensis*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 1 – Hydrologic Units (HUC-8) with Potential Transportation Projects



PATH: \\SAC-SRV01\GIS\PROJECTS\CALTRANS\10235489_CALTRANS_TO4_SAMNA2020\7.2_WORKING\MAP_DOCS\PROCESSING\7_CALTRANSPROJECTS\D01\CALTRANS_HUC_ANSIB_D1.MXD - USER: ROLDEN - DATE: 3/31/2021

Caltrans District 1 – Watershed Impacts to Waters and Fish Species Summary Table

HUC-8 Name / Common Species Name	Scientific Species Name	Listing Status	Artificial Path	Connector	Foreshore	Lake/Pond	Stream/River	Wash
Big-Navarro-Garcia			0.01	0.00	0.00	0.00	2.89	0.00
Chinook salmon - California Coastal ESU	*Oncorhynchus tshawytscha*	FT	0.00	0.00	0.00	0.00	0.17	0.00
Coho salmon - South of Punta Gorda	*Oncorhynchus kisutch*	FT & ST	0.02	0.00	0.00	0.00	2.81	0.00
Green sturgeon - Southern DPS	*Acipenser medirostris*	FT	0.00	0.00	0.00	0.00	0.12	0.00
Steelhead - Northern California DPS	*Oncorhynchus mykiss*	FT	0.02	0.00	0.00	0.00	2.27	0.00
Tidewater goby	*Eucyclogobius newberryi*	FE	0.00	0.00	0.00	0.00	0.20	0.00
Gualala-Salmon			0.00	0.00	0.00	0.00	0.11	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00
Lower Eel			0.00	0.00	0.00	0.00	1.90	0.02
Chinook salmon - California Coastal ESU	*Oncorhynchus tshawytscha*	FT	0.00	0.00	0.00	0.00	0.89	0.00
Longfin smelt	*Spirinchus thaleichthys*	ST	0.00	0.00	0.00	0.00	1.87	0.02
Steelhead - Northern California DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	1.51	0.00
Lower Klamath			0.00	0.00	0.00	0.00	0.54	0.00
Longfin smelt	*Spirinchus thaleichthys*	ST	0.00	0.00	0.00	0.00	0.56	0.00
Pacific eulachon - Southern DPS	*Thaleichthys pacificus*	FT	0.00	0.00	0.00	0.00	0.06	0.00
Mad-Redwood			0.00	0.00	0.33	0.00	1.63	0.00
Chinook salmon - California Coastal ESU	*Oncorhynchus tshawytscha*	FT	0.00	0.00	0.33	0.00	1.44	0.00
Coho salmon - Punta Gorda to the N. border of California	*Oncorhynchus kisutch*	FE & SE	0.00	0.00	0.33	0.00	1.63	0.00
Green sturgeon - Southern DPS	*Acipenser medirostris*	FT	0.00	0.00	0.33	0.00	0.69	0.00
Longfin smelt	*Spirinchus thaleichthys*	ST	0.00	0.00	0.33	0.00	1.63	0.00
Steelhead - Northern California DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.33	0.00	1.56	0.00
Tidewater goby	*Eucyclogobius newberryi*	FE	0.00	0.00	0.33	0.00	0.69	0.00
Russian			0.03	0.00	0.00	0.00	0.19	0.00
Chinook salmon - California Coastal ESU	*Oncorhynchus tshawytscha*	FT	0.00	0.00	0.00	0.00	0.13	0.00
Coho salmon - South of Punta Gorda	*Oncorhynchus kisutch*	FT & ST	0.00	0.00	0.00	0.00	0.19	0.00
Longfin smelt	*Spirinchus thaleichthys*	ST	0.00	0.00	0.00	0.00	0.19	0.00
Steelhead - Central California Coast DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.13	0.00
Smith			0.00	0.00	0.00	0.00	1.58	0.00
Tidewater goby	*Eucyclogobius newberryi*	FE	0.00	0.00	0.00	0.00	0.83	0.00
South Fork Eel			0.00	0.00	0.00	0.00	1.40	0.00
Chinook salmon - California Coastal ESU	*Oncorhynchus tshawytscha*	FT	0.00	0.00	0.00	0.00	1.21	0.00
Steelhead - Northern California DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	1.21	0.00
Trinity			0.00	0.00	0.00	0.00	6.07	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00
Upper Cache			0.00	0.00	0.00	0.23	0.98	0.00
Clear Lake hitch	*Lavinia exilicauda chi*	FS & ST	0.00	0.01	0.00	0.23	1.01	0.00
Upper Eel			0.00	0.00	0.00	0.00	0.05	0.00
Chinook salmon - California Coastal ESU	*Oncorhynchus tshawytscha*	FT	0.00	0.00	0.00	0.00	0.05	0.00
Steelhead - Northern California DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.05	0.00
Upper Putah			0.00	0.00	0.00	0.00	0.69	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Caltrans District 1 – HUC-8 Watershed Impacts by Wetland Type Summary Table

HUC-8 Name	Depressional Seasonal Natural Emergent	Depressional Seasonal Natural Forested	Depressional Seasonal Natural Shrub-Scrub	Estuarine and Marine Deepwater	Estuarine and Marine Wetland	Estuarine Saline Natural Intertidal Emergent	Estuarine Saline Natural Subtidal Non-vegetated	Freshwater Emergent Wetland	Freshwater Forested/Shrub Wetland	Lake	Riverine
Big-Navarro-Garcia	0.00	0.00	0.00	0.74	0.69	0.00	0.00	0.40	1.20	0.00	0.68
Gualala-Salmon	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.13	0.00	0.00
Lower Eel	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.00	0.59
Lower Klamath	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.66
Mad-Redwood	0.20	0.00	0.02	0.41	0.42	0.01	0.01	0.00	0.17	0.00	0.54
Russian	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18
Smith	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	1.15
South Fork Eel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20
Trinity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	1.30
Upper Cache	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.29	0.51	0.44
Upper Eel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
Upper Putah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27

Units are in acres

APPENDIX B

District 2

- **Table**: Caltrans District 2 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin
- **Map**: Caltrans District 2 – Ecoregion Sections with Potential Transportation Projects
- **Table**: Caltrans District 2 – Great Valley Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 2 – Klamath Mountains Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 2 – Modoc Plateau Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 2 – Northern California Coast Ranges Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 2 – Northern California Interior Coast Ranges Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 2 – Northwestern Basin and Range Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 2 – Sierra Nevada Foothills Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 2 – Sierra Nevada Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 2 – Southern Cascades Ecoregion Section Impact by Species Summary Table
- **Map**: Caltrans District 2 – Hydrologic Units (HUC-8) with Potential Transportation Projects
- **Table**: Caltrans District 2 – Watershed Impacts to Waters and Fish Species Summary Table
- **Table**: Caltrans District 2 – HUC-8 Watershed Impacts by Wetland Type Summary Table

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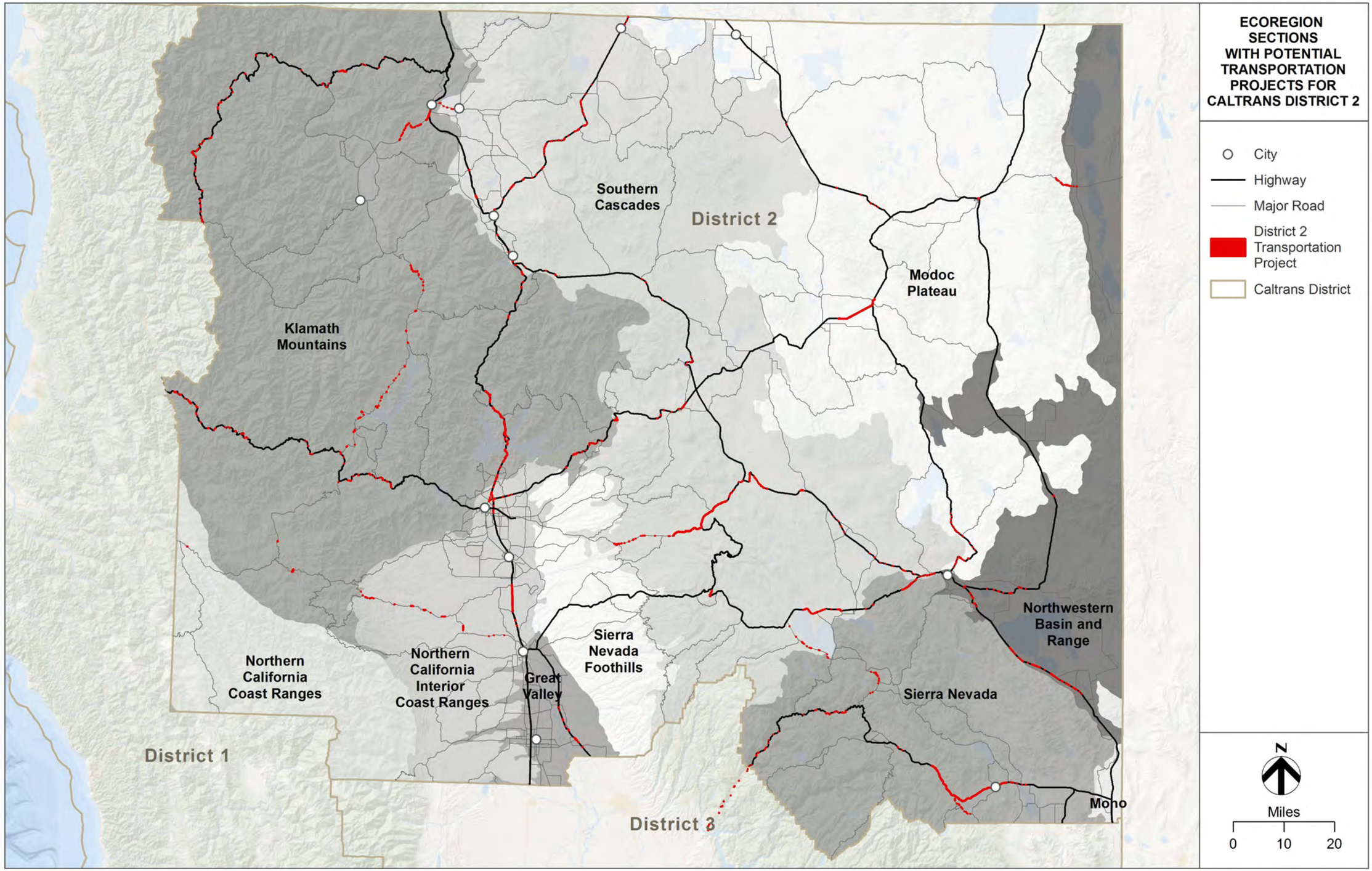
Caltrans District 2 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion	Acres	HUC-8	Acres
9184	Lassen	36	7.2	7.4	Bridge	2019/20	Sierra Nevada	0.48	North Fork Feather	0.48
9205	Tehama	5	36.3	41.6	Safety - Collision Reduction	2020/21	Northern California Interior Coast Ranges	69.17	Cottonwood Creek	77.16
9269	Trinity	299			Bridge	2019/20	Klamath Mountains	6.63	Lower Klamath	1.97
							Northern California Coast Ranges	0.41	Mad-Redwood	0.41
									Trinity	4.70
9290	Modoc	139	R3.5	30.3	Drainage	2021/22	Modoc Plateau	0.49	Lost	0.07
							Southern Cascades	0.04	Upper Pit	0.48
11312	Butte	70	22	48	Drainage	2019/20	Sierra Nevada	0.59	North Fork Feather	1.65
							Sierra Nevada Foothills	1.02		
11315	Shasta	5	R31.0	31.7	Roadside	2019/20	Klamath Mountains	1.42	McCloud	1.44
11319	Trinity	299	3.6		Roadside	2019/20	Klamath Mountains	0.18	Trinity	0.19
11368	Plumas	70	58.4	R78.4	Pavement	2021/22	Sierra Nevada	147.16	Middle Fork Feather	147.27
13288	Trinity	3	58.7	60.7	Bridge	2019/20	Klamath Mountains	1.01	Trinity	1.04
13602	Trinity	299	1.9	2.3	Safety - Collision Reduction	2019/20	Klamath Mountains	0.80	Trinity	0.82
13698	Plumas	70	0.4	29.7	Drainage	2019/20	Sierra Nevada	1.78	East Branch North Fork Feather	1.20
									North Fork Feather	0.60
13699	Trinity	3	30.4	57.9	Drainage	2019/20	Klamath Mountains	2.05	Trinity	2.12
14182	Siskiyou	5	2.5	3	Bridge	2021/22	Klamath Mountains	1.06	Sacramento Headwaters	1.07
14187	Plumas	89	30.2	42.2	Pavement	2023/24	Sierra Nevada	0.23	North Fork Feather	1.34
							Southern Cascades	1.07		
15793	Shasta	5	R32.0	R32.3	Bridge	2019/20	Klamath Mountains	0.50	McCloud	0.07
									Sacramento Headwaters	0.44
15794	Siskiyou	5	R8.3		Bridge	2020/21	Southern Cascades	0.90	Sacramento Headwaters	0.90
15816	Tehama	99	9	9.3	Bridge	2021/22	Great Valley	0.49	Big Chico Creek-Sacramento River	0.49
15879	Siskiyou	3	R46.8	R48.0	Pavement	2021/22	Klamath Mountains	5.99	Shasta	6.02
16609	Siskiyou	3	38	38.6	Bridge	2020/21	Klamath Mountains	0.95	Scott	0.96
16613	Siskiyou	96	52.48	71.23	Bridge	2025/26	Klamath Mountains	1.43	Lower Klamath	0.96
									Scott	0.42
									Upper Klamath	0.08
16639	Siskiyou	96	76.8	78	Bridge	2023/24	Klamath Mountains	11.58	Upper Klamath	11.58
16672	Trinity	3			Bridge	2021/22	Klamath Mountains	2.58	South Fork Trinity	0.61
									Trinity	2.00
16679	Shasta	299	67.8	77.8	Pavement	2021/22	Southern Cascades	2.43	Lower Pit	2.43
16682	Siskiyou	5	2.7	R15.9	Pavement	2021/22	Klamath Mountains	1.74	Sacramento Headwaters	4.11
							Southern Cascades	2.36		
16685	Siskiyou	96	32.1	82.8	Drainage	2019/20	Klamath Mountains	1.26	Lower Klamath	1.04
									Upper Klamath	0.26
16686	Tehama	36	2.6	37.1	Drainage	2019/20	Klamath Mountains	0.03	Cottonwood Creek	1.04
							Northern California Interior Coast Ranges	0.99	Paynes Creek-Sacramento River	0.04
16687	Trinity	299	1.6	45.2	Drainage	2021/22	Klamath Mountains	0.76	Trinity	0.81
16788	Plumas	70	36.8	R62.5	Roadside	2020/21	Sierra Nevada	0.19	East Branch North Fork Feather	0.05
									Middle Fork Feather	0.14
16798	Trinity	299	64.7	71.7	Sustainability	2021/22	Klamath Mountains	0.54	Trinity	0.55
17119	Lassen	299	18.5	25.6	Pavement	2019/20	Modoc Plateau	13.40	Upper Pit	32.32
17215	Siskiyou	5	R25.4	R25.9	Roadside	2020/21	Southern Cascades	2.36	Shasta	2.37
17233	Siskiyou	96	43.4	57	Bridge	2023/24	Klamath Mountains	0.89	Lower Klamath	0.73
									Upper Klamath	0.17
17325	Tehama	36	87.8	89.1	Safety Improvements	2019/20	Southern Cascades	13.05	Battle Creek	0.17
									Thomes Creek-Sacramento River	12.88
17434	Trinity	36	R34.7	R35.3	Safety Improvements	2019/20	Klamath Mountains	8.06	South Fork Trinity	8.07
17607	Tehama	36	12.6	13.1	Safety Improvements	2019/20	Northern California Interior Coast Ranges	4.57	Cottonwood Creek	4.57
17620	Tehama	36	26.6	27.6	Safety Improvements	2019/20	Northern California Interior Coast Ranges	9.42	Cottonwood Creek	9.42
18263	Shasta	44	51.6	52.2	Safety Improvements	2019/20	Southern Cascades	5.43	Lower Pit	5.43

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion	Acres	HUC-8	Acres
19049	Trinity	299	15	25.7	Pavement	2023/24	Klamath Mountains	0.83	Trinity	0.87
19180	Shasta	299	24.1	30.3	Pavement	2022/23	Northern California Interior Coast Ranges	0.59	Clear Creek-Sacramento River	0.62
19182	Tehama	99	0	12.5	Pavement	2023/24	Great Valley	1.51	Big Chico Creek-Sacramento River	1.58
19184	Plumas	36	9.2	18.42	Pavement	2023/24	Southern Cascades	2.33	North Fork Feather	2.39
19191	Lassen	44	0	37.25	Pavement	2022/23	Southern Cascades	0.91	Honey-Eagle Lakes	0.93
19217	Lassen	139	0.74	11	Pavement	2023/24	Modoc Plateau	0.30	Honey-Eagle Lakes	0.33
							Southern Cascades	0.03		
19218	Tehama	36	20	39.7	Pavement	2022/23	Northern California Interior Coast Ranges	0.26	Cottonwood Creek	0.14
									Paynes Creek-Sacramento River	0.13
19219	Siskiyou	96	R0.0	R16.0	Pavement	2024/25	Klamath Mountains	2.07	Lower Klamath	2.04
									Salmon	0.13
19223	Shasta	5	58	67.02	Pavement	2024/25	Klamath Mountains	0.20	Sacramento Headwaters	0.22
19287	Plumas	89	0	8.71	Pavement	2025/26	Sierra Nevada	0.86	Middle Fork Feather	0.86
19441	Tehama	5	33.3	33.3	Roadside	2026/27	Northern California Interior Coast Ranges	0.50	Paynes Creek-Sacramento River	0.50
19845	Trinity	299	8.3	15	Pavement	2024/25	Klamath Mountains	0.24	Trinity	0.27
19884	Modoc	395	17.5	34	Pavement	2025/26	Modoc Plateau	0.15	Upper Pit	0.15
19899	Siskiyou	89	21.2	R34.62	Pavement	2025/26	Southern Cascades	0.57	McCloud	0.47
									Sacramento Headwaters	0.10
19922	Plumas	89	12.9	21	Pavement	2023/24	Sierra Nevada	1.21	East Branch North Fork Feather	1.23
19923	Shasta	89	21.2	30.6	Pavement	2023/24	Southern Cascades	0.39	Lower Pit	0.44
19924	Plumas	70	R78.3	90.3	Pavement	2022/23	Sierra Nevada	0.25	Middle Fork Feather	0.55
19925	Siskiyou	97	9	25	Pavement	2028/29	Southern Cascades	0.45	Shasta	0.47
19947	Siskiyou	5			Bridge	2020/21	Klamath Mountains	3.03	Clear Creek-Sacramento River	0.67
							Northern California Interior Coast Ranges	0.67	Shasta	3.99
							Southern Cascades	0.94		
19960	Shasta	44	57	67	Pavement	2027/28	Southern Cascades	0.05	Lower Pit	0.09
19969	Trinity	299	49	70	Drainage	2025/26	Klamath Mountains	1.73	Trinity	1.77
19974	Siskiyou	3	R48.00	54.187	Pavement	2025/26	Klamath Mountains	0.27	Shasta	1.07
							Southern Cascades	0.79		
19983	Trinity	3	67.7	T85.06	Pavement	2024/25	Klamath Mountains	1.81	Trinity	1.86
20010	Shasta	299	23.89	G24.08	Pavement	2027/28	Northern California Interior Coast Ranges	0.69	Clear Creek-Sacramento River	0.70
20046	Shasta	44	43.2	57	Pavement	2028/29	Southern Cascades	100.77	Battle Creek	53.72
									Lower Pit	47.15
20047	Siskiyou	89	0	21	Pavement	2026/27	Southern Cascades	0.20	Lower Pit	0.09
									McCloud	0.11
20049	Siskiyou	97	L0.00	9	Pavement	2027/28	Southern Cascades	0.40	Shasta	0.40
20965	Modoc	299	56.7	58	Pavement	2025/26	Northwestern Basin and Range	0.23	Surprise Valley	0.23
21005	Siskiyou	96	60.8	93.8	Roadside	2022/23	Klamath Mountains	0.17	Upper Klamath	0.18
21390	Shasta	299	44.3	44.9	Safety Improvements	2021/22	Klamath Mountains	5.69	Cow Creek	5.69
21484	Tehama	99	4.2	4.8	Safety Improvements	2023/24	Great Valley	4.32	Big Chico Creek-Sacramento River	6.03
21634	Trinity	3	32.6	32.6	Drainage	2026/27	Klamath Mountains	0.20	Trinity	0.20
21694	Plumas	36	R13.6	R14.2	Safety Improvements	2023/24	Southern Cascades	5.83	North Fork Feather	5.86
21696	Lassen	36	0	0.7	Safety Improvements	2023/24	Southern Cascades	6.80	North Fork Feather	6.81
21698	Tehama	36	15.8	16.3	Safety Improvements	2025/26	Northern California Interior Coast Ranges	4.59	Cottonwood Creek	4.60
21700	Shasta	299	57.5	58.7	Safety Improvements	2023/24	Klamath Mountains	4.80	Lower Pit	11.61
							Southern Cascades	5.79		
21813	Shasta	5	43.2	43.2	Roadside	2025/26	Klamath Mountains	0.70	Battle Creek	0.24
							Northern California Interior Coast Ranges	0.98	East Branch North Fork Feather	0.26
							Sierra Nevada	0.35	McCloud	0.21
							Southern Cascades	0.50	Middle Fork Feather	0.25
									North Fork Feather	0.25
									Paynes Creek-Sacramento River	0.99
									Sacramento Headwaters	0.49
21970	Trinity	299	6.33	6.33	Bridge	2026/27	Klamath Mountains	0.93	Trinity	0.93
21976	Shasta	299	74.7	76.3	Drainage	2024/25	Southern Cascades	1.81	Lower Pit	1.84

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion	Acres	HUC-8	Acres
21980	Shasta	299	41.1	52.2	Drainage	2024/25	Klamath Mountains	1.36	Cow Creek	1.38
21981	Shasta	5	R20.3	R27.9	Drainage	2024/25	Klamath Mountains	5.22	Clear Creek-Sacramento River	3.70
							Northern California Interior Coast Ranges	0.20	Lower Pit	1.76
21982	Shasta	5	R29.0	R43.3	Drainage	2025/26	Klamath Mountains	15.12	Lower Pit	0.57
									McCloud	2.20
									Sacramento Headwaters	12.41
21996	Lassen	395	96.5	96.5	Roadside	2025/26	Northwestern Basin and Range	0.24	Honey-Eagle Lakes	0.24
22010	Siskiyou	3	38.39	R46.79	Drainage	2026/27	Klamath Mountains	2.97	Scott	0.95
									Shasta	2.08
22067	Shasta	44	R26.8	71.38	Drainage	2027/28	Southern Cascades	5.49	Battle Creek	2.27
									Clear Creek-Sacramento River	1.22
									Lower Pit	2.30
22069	Shasta	299	23.91	23.91	Bridge	2027/28	Northern California Interior Coast Ranges	0.50	Clear Creek-Sacramento River	0.50
22081	Lassen	139	0.66	19.09	Drainage	2028/29	Modoc Plateau	0.83	Honey-Eagle Lakes	4.40
							Northwestern Basin and Range	2.04		
							Southern Cascades	0.23		
22082	Lassen	36	0.5	22.2	Drainage	2026/27	Sierra Nevada	2.27	Honey-Eagle Lakes	2.98
							Southern Cascades	0.78	North Fork Feather	0.10
22083	Lassen	395	28.5	59	Drainage	2028/29	Northwestern Basin and Range	2.94	Honey-Eagle Lakes	3.72
22084	Modoc	299	40.64	56.2	Drainage	2028/29	Modoc Plateau	1.99	Surprise Valley	2.09
							Northwestern Basin and Range	0.05		
22085	Siskiyou	97	0.16	54.1	Drainage	2028/29	Southern Cascades	7.53	Butte	2.52
									Lost	0.43
									Shasta	4.78
22190	Shasta	5	R14.8	R20.0	Pavement	2025/26	Northern California Interior Coast Ranges	2.01	Clear Creek-Sacramento River	2.02
22261	Lassen	44	6.5	7.1	Safety Improvements	2024/25	Southern Cascades	5.89	Lower Pit	5.89

Caltrans District 2 – Ecoregion Sections with Potential Transportation Projects



Caltrans District 2 – Great Valley Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grassland	Urban	Valley Foothill Riparian
		Total:	1.74	4.34	0.24
Amphibians					
western spadefoot	*Spea hammondii*	FS	1.74	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.84	0.00	0.00
California red-legged frog	*Rana draytonii*	FT	0.97	0.00	0.14
Birds					
great blue heron	*Ardea herodias*	N/A	1.74	4.34	0.24
great egret	*Ardea alba*	N/A	1.74	4.34	0.24
greater white-fronted goose	*Anser albifrons*	N/A	1.74	0.00	0.00
osprey	*Pandion haliaetus*	FS	1.74	0.00	0.24
white-tailed kite	*Elanus leucurus*	FS	1.74	4.34	0.24
bald eagle	*Haliaeetus leucocephalus*	FS & SE	1.74	0.00	0.24
northern harrier	*Circus cyaneus*	N/A	1.74	4.34	0.24
swainson's hawk	*Buteo swainsoni*	FS & ST	1.74	4.34	0.24
golden eagle	*Aquila chrysaetos*	FS	1.74	4.34	0.24
peregrine falcon	*Falco peregrinus*	FS	1.74	4.34	0.24
California quail	*Callipepla californica*	N/A	1.74	4.34	0.24
sandhill crane	*Grus canadensis*	N/A	1.74	0.00	0.24
lesser sandhill crane	*Grus canadensis canadensis*	N/A	0.95	0.00	0.00
yellow-billed cuckoo	*Coccyzus americanus*	FT & FS & SE	0.00	0.00	0.24
burrowing owl	*Athene cunicularia*	FS	1.74	4.34	0.24
long-eared owl	*Asio otus*	N/A	0.84	0.00	0.00
short-eared owl	*Asio flammeus*	N/A	1.74	4.34	0.24
bank swallow	*Riparia riparia*	FS & ST	0.77	4.34	0.24
bewick's wren	*Thryomanes bewickii*	N/A	0.00	4.34	0.24
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.24
loggerhead shrike	*Lanius ludovicianus*	N/A	1.74	4.34	0.24
hutton's vireo	*Vireo huttoni*	N/A	0.00	4.34	0.24
yellow warbler	*Setophaga petechia*	N/A	0.00	0.69	0.00
common yellowthroat	*Geothlypis trichas*	N/A	1.74	0.00	0.24
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.24
spotted towhee	*Pipilo maculatus*	N/A	0.00	4.34	0.24
California towhee	*Pipilo crissalis*	N/A	0.00	4.34	0.24
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.84	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	1.74	0.00	0.24
grasshopper sparrow	*Ammodramus savannarum*	N/A	1.74	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	1.74	4.34	0.24
red-winged blackbird	*Agelaius phoeniceus*	N/A	1.74	4.34	0.24
tricolored blackbird	*Agelaius tricolor*	FS & ST	1.74	4.34	0.24
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	1.74	0.00	0.00
Mammals					
broad-footed mole	*Scapanus latimanus*	N/A	1.61	0.00	0.24
Yuma myotis	*Myotis yumanensis*	FS	1.74	4.34	0.24
western red bat	*Lasiurus blossevillii*	N/A	1.74	4.34	0.24
townsend's big-eared bat	*Corynorhinus townsendii*	FS	1.74	4.34	0.24
pallid bat	*Antrozous pallidus*	FS	1.74	4.34	0.24
western mastiff bat	*Eumops perotis*	FS	0.95	0.00	0.00
brush rabbit	*Sylvilagus bachmani*	N/A	0.99	4.34	0.24
black-tailed jackrabbit	*Lepus californicus*	N/A	1.74	4.34	0.24
California kangaroo rat	*Dipodomys californicus*	N/A	1.74	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	1.74	4.34	0.24
California vole	*Microtus californicus*	N/A	1.74	4.34	0.24

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Annual Grassland	Urban	Valley Foothill Riparian
red fox	*Vulpes vulpes*	N/A	1.74	0.00	0.00
sacramento valley red fox	*Vulpes vulpes patwin*	N/A	1.74	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	1.74	0.00	0.24
american badger	*Taxidea taxus*	N/A	1.74	0.00	0.24
western spotted skunk	*Spilogale gracilis*	N/A	1.74	4.34	0.24
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.24
mountain lion	*Puma concolor*	ST	0.84	0.00	0.00
Reptiles					
blainville's horned lizard	*Phrynosoma blainvillii*	FS	1.74	0.00	0.24
western skink	*Plestiodon skiltonianus*	N/A	0.84	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	1.74	4.34	0.24
common gartersnake	*Thamnophis sirtalis*	N/A	1.74	0.00	0.24
Invertebrates					
conservancy fairy shrimp	*Branchinecta conservatio*	FE	1.74	0.00	0.00
vernal pool fairy shrimp	*Branchinecta lynchi*	FT	1.74	0.00	0.00
valley elderberry longhorn beetle	*Desmocerus californicus dimorphus*	FT	0.00	0.00	0.24
vernal pool tadpole shrimp	*Lepidurus packardi*	FE	1.74	0.00	0.00
Plants					
clara hunt's milk-vetch	*Astragalus claranus*	FE & ST	1.74	0.00	0.00
succulent owl's-clover	*Castilleja campestris var. succulenta*	FT & SE	1.74	0.00	0.00
palmate-bracted bird's-beak	*Chloropyron palmatum*	FE & SE	1.74	0.00	0.00
hoover's spurge	*Euphorbia hooveri*	FT	1.74	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	1.74	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	1.74	0.00	0.00
butte county meadowfoam	*Limnanthes floccosa ssp. californica*	FE & SE	1.74	0.00	0.00
colusa grass	*Neostapfia colusana*	FT & SE	1.74	0.00	0.00
hairy orcutt grass	*Orcuttia pilosa*	FE & SE	1.74	0.00	0.00
slender orcutt grass	*Orcuttia tenuis*	FT & SE	1.74	0.00	0.00
Sacramento orcutt grass	*Orcuttia viscida*	FE & SE	1.74	0.00	0.00
greene's tuctoria	*Tuctoria greenei*	FE	1.74	0.00	0.00
crampton's tuctoria or solano grass	*Tuctoria mucronata*	FE & SE	1.74	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 2 – Klamath Mountains Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Douglas-Fir	Jeffrey Pine	Klamath Mixed Conifer	Lacustrine	Mixed Chaparral	Montane Chaparral
		Total:	7.67	31.42	0.16	0.39	4.72	1.12	2.15	0.30	4.32	0.44
Amphibians												
long-toed salamander	*Ambystoma macrodactylum*	N/A	0.00	0.00	0.00	0.00	1.62	0.08	0.26	0.20	0.00	0.00
southern torrent salamander	*Rhyacotriton variegatus*	FS	0.00	0.00	0.00	0.00	1.64	0.00	0.00	0.00	0.00	0.00
del norte salamander	*Plethodon elongatus*	N/A	0.00	0.00	0.00	0.00	1.67	0.00	0.00	0.00	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.16	0.39	4.72	0.00	2.15	0.00	4.32	0.44
shasta salamander	*Hydromantes shastae*	FS & ST	0.00	0.00	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00
coastal tailed frog	*Ascaphus truei*	N/A	0.00	0.00	0.00	0.00	4.72	0.76	2.15	0.00	0.00	0.00
western spadefoot	*Spea hammondii*	FS	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cascades frog	*Rana cascadae*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.20	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	7.67	0.00	0.16	0.39	4.72	0.00	2.15	0.00	4.32	0.44
California red-legged frog	*Rana draytonii*	FT	0.03	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.13	0.00
Birds												
common loon	*Gavia immer*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	12.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	7.67	0.00	0.16	0.39	4.72	0.00	2.15	0.30	0.00	0.00
great egret	*Ardea alba*	N/A	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
greater white-fronted goose	*Anser albifrons*	N/A	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	7.67	30.74	0.16	0.39	4.72	0.45	0.26	0.30	4.32	0.44
white-tailed kite	*Elanus leucurus*	FS	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bald eagle	*Haliaeetus leucocephalus*	FS & SE	7.67	31.42	0.16	0.39	4.72	1.12	2.15	0.30	4.32	0.44
northern harrier	*Circus cyaneus*	N/A	0.63	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern goshawk	*Accipiter gentilis*	FS	0.00	0.00	0.00	0.39	4.72	1.12	2.15	0.00	4.32	0.44
swainson's hawk	*Buteo swainsoni*	FS & ST	0.00	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
golden eagle	*Aquila chrysaetos*	FS	7.67	31.42	0.16	0.39	4.72	1.12	2.15	0.00	4.32	0.44
peregrine falcon	*Falco peregrinus*	FS	7.67	31.42	0.16	0.39	4.72	1.12	2.15	0.30	4.32	0.44
sooty grouse	*Dendragapus fuliginosus*	N/A	7.67	0.00	0.00	0.00	4.72	1.12	2.15	0.00	0.00	0.00
California quail	*Callipepla californica*	N/A	7.67	0.00	0.16	0.39	4.72	0.00	2.15	0.00	4.32	0.44
sandhill crane	*Grus canadensis*	N/A	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	1.37	21.24	0.16	0.39	0.00	0.00	0.00	0.00	3.47	0.27
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.18	4.72	1.12	2.15	0.00	0.00	0.00
northern spotted owl	*Strix occidentalis caurina*	FT & ST	0.00	0.00	0.00	0.14	3.89	1.12	2.15	0.00	0.00	0.00
California spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.00	0.00	0.04	0.82	0.00	0.00	0.00	0.00	0.00
long-eared owl	*Asio otus*	N/A	7.67	0.00	0.16	0.39	0.00	0.00	2.15	0.00	4.32	0.44
short-eared owl	*Asio flammeus*	N/A	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black swift	*Cypseloides niger*	N/A	0.01	11.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	0.39	4.72	1.12	2.15	0.30	4.32	0.44
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.39	4.72	1.12	2.15	0.00	4.32	0.00
purple martin	*Progne subis*	N/A	7.67	0.00	0.00	0.39	4.72	0.00	2.15	0.30	0.00	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.16	0.39	4.72	0.00	2.15	0.00	1.10	0.44
loggerhead shrike	*Lanius ludovicianus*	N/A	0.73	3.34	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.16	0.39	4.72	0.00	0.00	0.00	3.62	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.16	0.39	4.72	1.12	2.15	0.00	4.32	0.44
common yellowthroat	*Geothlypis trichas*	N/A	5.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.16	0.39	4.72	1.12	2.15	0.00	4.32	0.44

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N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Douglas-Fir	Jeffrey Pine	Klamath Mixed Conifer	Lacustrine	Mixed Chaparral	Montane Chaparral
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.16	0.39	0.00	0.00	0.00	0.00	0.88	0.07
vesper sparrow	*Pooecetes gramineus*	N/A	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	2.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	7.67	0.00	0.16	0.39	4.72	1.12	2.15	0.30	4.32	0.00
red-winged blackbird	*Agelaius phoeniceus*	N/A	6.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals												
vagrant shrew	*Sorex vagrans*	N/A	6.62	0.00	0.00	0.00	3.84	0.45	0.26	0.00	0.90	0.17
broad-footed mole	*Scapanus latimanus*	N/A	7.67	0.00	0.16	0.39	4.72	1.12	2.15	0.00	0.00	0.00
yuma myotis	*Myotis yumanensis*	FS	7.67	0.00	0.16	0.39	4.72	1.12	2.15	0.30	4.32	0.44
long-eared myotis	*Myotis evotis*	FS	0.00	31.42	0.16	0.39	4.72	1.12	2.15	0.30	4.32	0.44
fringed myotis	*Myotis thysanodes*	FS	7.67	31.42	0.16	0.39	4.72	1.12	2.15	0.30	4.32	0.44
small-footed myotis	*Myotis ciliolabrum*	FS	0.63	17.29	0.00	0.37	0.00	0.00	0.00	0.10	3.42	0.06
western red bat	*Lasiurus blossevillii*	N/A	0.69	0.00	0.16	0.37	0.82	0.00	0.00	0.10	0.32	0.27
spotted bat	*Euderma maculatum*	FS	0.03	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
townsend's big-eared bat	*Corynorhinus townsendii*	FS	7.67	31.42	0.16	0.39	4.72	1.12	2.15	0.00	4.32	0.44
pallid bat	*Antrozous pallidus*	FS	7.67	31.42	0.16	0.39	4.72	1.12	2.15	0.00	4.32	0.44
western mastiff bat	*Eumops perotis*	FS	0.03	16.06	0.00	0.04	0.00	0.00	0.00	0.00	3.42	0.00
brush rabbit	*Sylvilagus bachmani*	N/A	7.67	0.00	0.16	0.39	4.72	0.00	2.15	0.00	4.32	0.44
snowshoe hare	*Lepus americanus*	N/A	0.00	0.00	0.00	0.00	3.80	1.12	2.15	0.00	0.00	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	7.67	0.00	0.16	0.39	4.72	1.12	2.15	0.00	4.32	0.44
mountain beaver	*Aplodontia rufa*	N/A	0.00	0.00	0.00	0.00	1.13	0.08	0.26	0.00	0.00	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.00	0.00	0.02	3.89	0.76	2.15	0.00	0.00	0.00
California kangaroo rat	*Dipodomys californicus*	N/A	4.09	0.00	0.16	0.39	0.00	0.00	0.00	0.00	4.29	0.00
deer mouse	*Peromyscus maniculatus*	N/A	7.67	31.42	0.16	0.39	4.72	1.12	2.15	0.00	4.32	0.44
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	0.16	0.39	4.72	0.00	2.15	0.00	4.32	0.44
sonoma red tree vole	*Arborimus pomo*	N/A	0.00	0.00	0.00	0.00	0.92	0.00	0.00	0.00	0.00	0.00
California vole	*Microtus californicus*	N/A	6.73	0.00	0.16	0.31	2.62	0.00	1.89	0.00	0.95	0.01
red fox	*Vulpes vulpes*	N/A	0.41	17.02	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.03
sierra nevada red fox	*Vulpes vulpes necator*	FS & ST	0.00	11.66	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.03
sacramento valley red fox	*Vulpes vulpes patwin*	N/A	0.41	5.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	7.67	31.42	0.16	0.39	4.72	1.12	2.15	0.00	4.32	0.44
marten	*Martes caurina*	FS	0.00	25.91	0.00	0.00	4.72	0.45	0.26	0.00	0.00	0.00
fisher	*Pekania pennanti*	FS & ST	0.00	0.00	0.00	0.00	4.72	0.84	2.15	0.00	0.00	0.00
wolverine	*Gulo gulo*	FS & ST	0.00	15.10	0.00	0.00	1.62	0.00	0.00	0.00	0.00	0.32
american badger	*Taxidea taxus*	N/A	7.67	31.42	0.16	0.39	4.72	1.12	2.15	0.00	4.32	0.44
western spotted skunk	*Spilogale gracilis*	N/A	7.67	0.00	0.16	0.39	4.72	1.12	2.15	0.00	4.32	0.44
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00
mountain lion	*Puma concolor*	ST	7.67	0.00	0.16	0.39	4.72	1.12	2.15	0.00	4.32	0.44
Reptiles												
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.00	4.72	1.12	2.15	0.00	4.32	0.44
western skink	*Plestiodon skiltonianus*	N/A	7.67	0.00	0.16	0.39	4.72	0.00	2.15	0.00	4.32	0.44
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	0.00	0.00	4.72	1.12	2.15	0.00	0.00	0.44
ring-necked snake	*Diadophis punctatus*	N/A	7.67	0.00	0.16	0.39	4.72	0.00	2.15	0.00	4.32	0.44
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.16	0.39	2.78	0.00	1.89	0.00	3.47	0.28
gophersnake	*Pituophis catenifer*	N/A	7.67	0.00	0.16	0.39	4.72	1.12	2.15	0.00	4.32	0.44

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Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Douglas-Fir	Jeffrey Pine	Klamath Mixed Conifer	Lacustrine	Mixed Chaparral	Montane Chaparral
California mountain kingsnake	*Lampropeltis zonata*	N/A	7.67	0.00	0.16	0.39	4.72	1.12	2.15	0.00	4.32	0.44
common gartersnake	*Thamnophis sirtalis*	N/A	7.67	0.00	0.16	0.39	4.72	1.12	2.15	0.30	4.32	0.44
Plants												
clara hunt's milk-vetch	*Astragalus claranus*	FE & ST	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bensoniella	*Bensoniella oregona*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
indian valley brodiaea	*Brodiaea rosea*	FS & SE	7.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.32	0.00
siskiyou mariposa lily	*Calochortus persistens*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.32	0.00
tiburon paintbrush	*Castilleja affinis var. neglecta*	FE & ST	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ashland thistle	*Cirsium ciliolatum*	FS & SE	7.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
trinity buckwheat	*Eriogonum alpinum*	FS & SE	0.00	31.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loch lomond button-celery	*Eryngium constancei*	FE & SE	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gentner's fritillary	*Fritillaria gentneri*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.77	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county western flax	*Hesperolinon didymocarpum*	FS & SE	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burke's goldfields	*Lasthenia burkei*	FE & SE	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
few-flowered navarretia	*Navarretia leucocephala ssp. pauciflora*	FE & ST	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
many-flowered navarretia	*Navarretia leucocephala ssp. plieantha*	FE & SE	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender orcutt grass	*Orcuttia tenuis*	FT & SE	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
geysers panicum	*Panicum acuminatum var. thermale*	SE	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yreka phlox	*Phlox hirsuta*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
calistoga popcornflower	*Plagiobothrys strictus*	FE & ST	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county stonecrop	*Sedella leiocarpa*	FE & SE	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
keck's checkerbloom	*Sidalcea keckii*	FE	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Pasture	Perennial Grassland	Ponderosa Pine	Riverine	Sierran Mixed Conifer	Urban	Valley Oak Woodland	White Fir
		Total:	8.61	3.87	0.52	0.63	0.13	1.82	2.00	5.77	20.64	0.07	0.07
Amphibians													
long-toed salamander	*Ambystoma macrodactylum*	N/A	0.00	0.07	0.00	0.00	0.00	0.00	0.00	1.56	0.00	0.00	0.00
southern torrent salamander	*Rhyacotriton variegatus*	FS	0.00	0.91	0.51	0.00	0.00	0.00	0.62	0.00	0.00	0.00	0.07
del norte salamander	*Plethodon elongatus*	N/A	0.00	0.91	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	8.61	3.87	0.52	0.00	0.00	1.82	0.00	5.77	0.00	0.07	0.07
shasta salamander	*Hydromantes shastae*	FS & ST	0.00	0.00	0.00	0.00	0.00	1.34	0.00	1.17	0.00	0.00	0.00
coastal tailed frog	*Ascaphus truei*	N/A	0.00	3.76	0.52	0.00	0.00	1.49	2.00	0.00	0.00	0.00	0.07
western spadefoot	*Spea hammondii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cascades frog	*Rana cascadae*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.56	0.00	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	8.61	3.87	0.52	0.00	0.00	1.82	2.00	5.77	0.00	0.07	0.07
California red-legged frog	*Rana draytonii*	FT	0.60	0.25	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00
Birds													
common loon	*Gavia immer*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	8.61	3.87	0.52	0.00	0.13	1.82	2.00	5.77	20.64	0.07	0.07
great egret	*Ardea alba*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
greater white-fronted goose	*Anser albifrons*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	8.61	2.66	0.52	0.00	0.13	1.82	2.00	5.77	0.00	0.07	0.07
white-tailed kite	*Elanus leucurus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bald eagle	*Haliaeetus leucocephalus*	FS & SE	8.61	3.87	0.52	0.00	0.13	1.82	2.00	5.77	0.00	0.07	0.07
northern harrier	*Circus cyaneus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern goshawk	*Accipiter gentilis*	FS	8.61	3.87	0.52	0.00	0.00	1.82	0.00	5.77	0.00	0.07	0.07
swainson's hawk	*Buteo swainsoni*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
golden eagle	*Aquila chrysaetos*	FS	8.61	3.87	0.52	0.63	0.13	1.82	0.00	5.77	20.64	0.07	0.07
peregrine falcon	*Falco peregrinus*	FS	8.61	3.87	0.52	0.00	0.13	1.82	2.00	5.77	20.64	0.07	0.07
sooty grouse	*Dendragapus fuliginosus*	N/A	8.61	3.87	0.52	0.00	0.13	1.82	0.00	5.77	0.00	0.00	0.07
California quail	*Callipepla californica*	N/A	8.61	3.87	0.52	0.00	0.13	1.82	0.00	5.77	20.64	0.07	0.07
sandhill crane	*Grus canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.00	0.00	0.00	0.04	0.00	1.34	0.00	0.00	4.09	0.00	0.00
spotted owl	*Strix occidentalis*	N/A	6.81	3.27	0.52	0.00	0.00	0.76	0.00	5.66	0.00	0.00	0.07
northern spotted owl	*Strix occidentalis caurina*	FT & ST	4.99	3.18	0.52	0.00	0.00	0.68	0.00	5.65	0.00	0.00	0.07
California spotted owl	*Strix occidentalis occidentalis*	FS	1.82	0.08	0.00	0.00	0.00	0.08	0.00	0.01	0.00	0.00	0.00
long-eared owl	*Asio otus*	N/A	8.61	3.87	0.52	0.63	0.13	1.82	0.00	5.77	0.00	0.07	0.07
short-eared owl	*Asio flammeus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black swift	*Cypseloides niger*	N/A	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
vaux's swift	*Chaetura vauxi*	N/A	8.61	3.87	0.52	0.00	0.13	1.82	2.00	5.77	20.64	0.00	0.07
olive-sided flycatcher	*Contopus cooperi*	N/A	8.61	3.87	0.52	0.00	0.00	1.82	0.00	5.77	0.00	0.00	0.07
purple martin	*Progne subis*	N/A	8.61	3.87	0.52	0.00	0.13	1.77	2.00	5.77	20.44	0.07	0.07
bewick's wren	*Thryomanes bewickii*	N/A	8.61	3.87	0.52	0.00	0.00	1.80	0.00	0.00	20.64	0.07	0.07
loggerhead shrike	*Lanius ludovicianus*	N/A	0.21	0.09	0.00	0.00	0.00	0.15	0.00	0.00	0.02	0.00	0.00
hutton's vireo	*Vireo huttoni*	N/A	7.69	3.76	0.52	0.00	0.00	1.49	0.00	5.60	18.00	0.00	0.00
yellow warbler	*Setophaga petechia*	N/A	8.61	3.87	0.52	0.00	0.00	1.82	0.00	5.77	20.64	0.07	0.07
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.42	0.00	0.13	1.49	0.00	0.00	0.00	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	8.61	3.87	0.52	0.00	0.00	1.82	0.00	5.77	20.64	0.07	0.07
California towhee	*Pipilo crissalis*	N/A	5.98	3.36	0.02	0.00	0.00	1.49	0.00	0.00	12.25	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Pasture	Perennial Grassland	Ponderosa Pine	Riverine	Sierran Mixed Conifer	Urban	Valley Oak Woodland	White Fir
vesper sparrow	*Pooecetes gramineus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.00	0.00	0.00	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	8.61	3.87	0.52	0.00	0.13	1.82	2.00	5.77	20.64	0.07	0.07
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.00	0.04	0.00	0.12	0.00	0.00	0.00	18.03	0.00	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals													
vagrant shrew	*Sorex vagrans*	N/A	2.31	1.18	0.52	0.00	0.13	0.39	0.00	3.75	0.00	0.07	0.07
broad-footed mole	*Scapanus latimanus*	N/A	8.61	3.87	0.52	0.63	0.13	1.82	0.00	5.77	0.00	0.07	0.07
yuma myotis	*Myotis yumanensis*	FS	8.61	3.87	0.52	0.63	0.13	1.82	2.00	5.77	20.64	0.07	0.07
long-eared myotis	*Myotis evotis*	FS	8.61	3.87	0.52	0.63	0.13	1.82	2.00	5.77	0.00	0.07	0.07
fringed myotis	*Myotis thysanodes*	FS	8.61	3.87	0.52	0.63	0.13	1.82	2.00	5.77	20.64	0.07	0.07
small-footed myotis	*Myotis ciliolabrum*	FS	4.09	1.52	0.00	0.00	0.00	1.34	0.26	1.17	3.67	0.00	0.00
western red bat	*Lasiurus blossevillii*	N/A	6.11	1.46	0.00	0.04	0.00	1.34	0.00	1.17	4.06	0.00	0.00
spotted bat	*Euderma maculatum*	FS	0.00	0.55	0.00	0.00	0.00	0.27	0.00	0.38	0.10	0.00	0.00
townsend's big-eared bat	*Corynorhinus townsendii*	FS	8.61	3.87	0.52	0.63	0.13	1.82	2.00	5.77	20.64	0.07	0.07
pallid bat	*Antrozous pallidus*	FS	8.61	3.87	0.52	0.63	0.13	1.82	2.00	5.77	20.64	0.07	0.07
western mastiff bat	*Eumops perotis*	FS	2.92	0.16	0.00	0.00	0.00	0.08	0.00	0.00	0.06	0.00	0.00
brush rabbit	*Sylvilagus bachmani*	N/A	8.61	3.87	0.52	0.63	0.13	1.82	0.00	5.77	20.64	0.07	0.00
snowshoe hare	*Lepus americanus*	N/A	0.00	0.00	0.50	0.00	0.00	0.00	0.00	5.77	0.00	0.00	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	8.61	3.87	0.52	0.63	0.13	1.82	0.00	5.77	20.64	0.07	0.07
mountain beaver	*Aplodontia rufa*	N/A	0.97	0.52	0.50	0.00	0.13	0.00	0.00	2.83	0.00	0.00	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	1.58	2.38	0.52	0.00	0.00	0.15	0.00	4.43	0.00	0.00	0.07
California kangaroo rat	*Dipodomys californicus*	N/A	7.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	8.61	3.87	0.52	0.63	0.13	1.82	0.00	5.77	20.64	0.07	0.07
dusky-footed woodrat	*Neotoma fuscipes*	N/A	8.61	3.87	0.52	0.00	0.13	1.82	0.00	5.77	0.00	0.07	0.07
sonoma red tree vole	*Arborimus pomo*	N/A	0.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California vole	*Microtus californicus*	N/A	4.84	2.79	0.00	0.63	0.12	1.75	0.00	4.68	11.24	0.07	0.00
red fox	*Vulpes vulpes*	N/A	0.00	0.15	0.00	0.00	0.00	0.15	0.00	1.16	0.00	0.00	0.00
sierra nevada red fox	*Vulpes vulpes necator*	FS & ST	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00
sacramento valley red fox	*Vulpes vulpes patwin*	N/A	0.00	0.11	0.00	0.00	0.00	0.15	0.00	0.95	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	8.61	3.87	0.52	0.63	0.13	1.82	0.00	5.77	0.00	0.07	0.07
marten	*Martes caurina*	FS	0.00	2.66	0.52	0.59	0.13	1.82	0.00	5.45	0.00	0.00	0.07
fisher	*Pekania pennanti*	FS & ST	0.00	3.76	0.52	0.00	0.00	1.49	0.00	5.60	0.00	0.00	0.07
wolverine	*Gulo gulo*	FS & ST	0.00	0.98	0.51	0.00	0.01	0.00	0.00	0.44	0.00	0.00	0.07
american badger	*Taxidea taxus*	N/A	8.61	3.87	0.52	0.63	0.13	1.82	0.00	5.77	0.00	0.07	0.07
western spotted skunk	*Spilogale gracilis*	N/A	8.61	3.87	0.52	0.63	0.13	1.82	0.00	5.77	20.64	0.07	0.07
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.52	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00
mountain lion	*Puma concolor*	ST	8.61	3.87	0.52	0.63	0.13	1.82	0.00	5.77	0.00	0.07	0.07
Reptiles													
common sagebrush lizard	*Sceloporus graciosus*	FS	8.61	3.87	0.00	0.00	0.00	1.82	0.00	5.77	0.00	0.00	0.07
western skink	*Plestiodon skiltonianus*	N/A	8.61	3.87	0.52	0.63	0.13	1.82	0.00	5.77	0.00	0.07	0.07
northern rubber boa	*Charina bottae*	N/A	8.61	3.87	0.52	0.00	0.00	1.82	0.00	5.77	0.00	0.00	0.07
ring-necked snake	*Diadophis punctatus*	N/A	8.61	3.87	0.52	0.63	0.13	1.82	0.00	5.77	20.64	0.07	0.07
striped racer	*Coluber lateralis*	N/A	6.49	2.78	0.02	0.00	0.00	1.49	0.00	3.15	0.00	0.00	0.07
gophersnake	*Pituophis catenifer*	N/A	8.61	3.87	0.52	0.63	0.13	1.82	0.00	5.77	20.64	0.07	0.07

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Units are in acres

Common Name	Species Name	Status	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Pasture	Perennial Grassland	Ponderosa Pine	Riverine	Sierran Mixed Conifer	Urban	Valley Oak Woodland	White Fir
California mountain kingsnake	*Lampropeltis zonata*	N/A	8.61	3.87	0.52	0.00	0.00	1.82	0.00	5.77	0.00	0.07	0.07
common gartersnake	*Thamnophis sirtalis*	N/A	8.61	3.87	0.52	0.63	0.13	1.82	0.00	5.77	0.00	0.07	0.07
Plants													
clara hunt's milk-vetch	*Astragalus claranus*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bensoniella	*Bensoniella oregona*	FS	0.00	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
indian valley brodiaea	*Brodiaea rosea*	FS & SE	8.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
siskiyou mariposa lily	*Calochortus persistens*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.77	0.00	0.00	0.00
tiburon paintbrush	*Castilleja affinis var. neglecta*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ashland thistle	*Cirsium ciliolatum*	FS & SE	8.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
trinity buckwheat	*Eriogonum alpinum*	FS & SE	0.00	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loch lomond button-celery	*Eryngium constancei*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gentner's fritillary	*Fritillaria gentneri*	FE	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county western flax	*Hesperolinon didymocarpum*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burke's goldfields	*Lasthenia burkei*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
few-flowered navarretia	*Navarretia leucocephala ssp. pauciflora*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
many-flowered navarretia	*Navarretia leucocephala ssp. plieantha*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender orcutt grass	*Orcuttia tenuis*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
geysers panicum	*Panicum acuminatum var. thermale*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yreka phlox	*Phlox hirsuta*	FE & SE	0.00	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
calistoga popcornflower	*Plagiobothrys strictus*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county stonecrop	*Sedella leiocarpa*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
keck's checkerbloom	*Sidalcea keckii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Caltrans District 2 – Modoc Plateau Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Aspen	Barren	Eastside Pine	Juniper	Low Sage	Montane Riparian	Perennial Grassland	Ponderosa Pine	Sagebrush	Sierran Mixed Conifer	Urban	Wet Meadow
		Total:	0.09	0.06	0.03	0.48	0.29	0.67	1.13	0.35	0.05	10.38	0.03	1.26	2.31
Amphibians															
oregon spotted frog	*Rana pretiosa*	FT & FS	0.00	0.00	0.00	0.48	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00
northern leopard frog	*Lithobates pipiens*	N/A	0.09	0.00	0.00	0.00	0.00	0.00	1.02	0.00	0.00	0.00	0.00	0.00	2.23
Birds															
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.09	0.00	0.00	0.48	0.29	0.00	1.13	0.35	0.05	0.00	0.03	1.26	2.31
great egret	*Ardea alba*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.15	0.00
greater white-fronted goose	*Anser albifrons*	N/A	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	2.31
osprey	*Pandion haliaetus*	FS	0.09	0.00	0.03	0.48	0.29	0.00	1.13	0.35	0.05	10.38	0.03	0.00	2.31
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.09	0.06	0.03	0.48	0.29	0.67	1.13	0.35	0.05	10.38	0.03	0.00	2.31
northern harrier	*Circus cyaneus*	N/A	0.09	0.06	0.03	0.00	0.09	0.20	1.02	0.08	0.00	10.02	0.00	1.26	2.31
northern goshawk	*Accipiter gentilis*	FS	0.00	0.06	0.00	0.48	0.29	0.67	1.13	0.00	0.05	10.38	0.03	0.00	0.00
swainson's hawk	*Buteo swainsoni*	FS & ST	0.09	0.00	0.03	0.48	0.29	0.67	0.00	0.35	0.05	10.38	0.00	1.26	2.31
golden eagle	*Aquila chrysaetos*	FS	0.09	0.00	0.03	0.48	0.29	0.67	1.13	0.35	0.05	10.38	0.03	1.26	2.31
peregrine falcon	*Falco peregrinus*	FS	0.09	0.00	0.03	0.48	0.29	0.67	1.13	0.35	0.05	10.38	0.03	1.26	2.31
sooty grouse	*Dendragapus fuliginosus*	N/A	0.00	0.00	0.00	0.48	0.00	0.00	0.12	0.27	0.05	5.81	0.03	0.00	0.00
greater sage-grouse	*Centrocercus urophasianus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.56	0.00	0.00	1.85
California quail	*Callipepla californica*	N/A	0.09	0.06	0.00	0.00	0.09	0.20	1.02	0.08	0.00	10.02	0.00	1.26	2.31
sandhill crane	*Grus canadensis*	N/A	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.31
black tern	*Chlidonias niger*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.31
burrowing owl	*Athene cunicularia*	FS	0.09	0.00	0.03	0.00	0.09	0.20	0.00	0.08	0.00	10.02	0.00	1.26	2.31
long-eared owl	*Asio otus*	N/A	0.09	0.06	0.00	0.48	0.29	0.67	1.13	0.35	0.05	10.38	0.03	0.00	2.31
short-eared owl	*Asio flammeus*	N/A	0.09	0.00	0.00	0.00	0.09	0.20	1.02	0.08	0.00	10.02	0.00	1.26	2.31
vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	1.13	0.31	0.05	0.00	0.03	1.11	2.28
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.48	0.00	0.00	1.13	0.00	0.05	0.00	0.03	0.00	0.00
purple martin	*Progne subis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.03	0.05
bank swallow	*Riparia riparia*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.15	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.00	0.00	0.29	0.00	1.13	0.00	0.05	0.00	0.00	1.26	0.00
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.00	0.00	0.00	0.00	0.00	2.23
loggerhead shrike	*Lanius ludovicianus*	N/A	0.09	0.00	0.03	0.00	0.09	0.20	1.02	0.08	0.00	10.02	0.00	1.26	2.31
yellow warbler	*Setophaga petechia*	N/A	0.00	0.06	0.00	0.48	0.00	0.00	1.13	0.00	0.05	0.00	0.03	1.26	0.00
common yellowthroat	*Geothlypis trichas*	N/A	0.09	0.00	0.00	0.00	0.00	0.00	1.13	0.11	0.00	0.00	0.00	0.00	2.31
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.06	0.00	0.48	0.29	0.00	1.13	0.00	0.05	10.38	0.03	1.26	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	0.09	0.00	0.00	0.00	0.09	0.20	0.00	0.08	0.00	10.02	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.48	0.26	0.67	0.00	0.00	0.00	10.38	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.09	0.00	0.00	0.00	0.29	0.67	0.00	0.35	0.00	10.38	0.00	0.00	2.31

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Common Name	Species Name	Status	Annual Grass	Aspen	Barren	Eastside Pine	Juniper	Low Sage	Montane Riparian	Perennial Grassland	Ponderosa Pine	Sagebrush	Sierran Mixed Conifer	Urban	Wet Meadow
song sparrow	*Melospiza melodia*	N/A	0.09	0.06	0.00	0.48	0.00	0.00	1.13	0.35	0.05	0.00	0.03	1.26	2.31
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.09	0.00	0.00	0.00	0.00	0.00	1.13	0.35	0.00	0.00	0.00	1.26	2.31
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	2.19
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	2.31
Mammals															
vagrant shrew	*Sorex vagrans*	N/A	0.09	0.06	0.00	0.00	0.00	0.00	1.02	0.35	0.05	0.00	0.03	0.00	2.31
broad-footed mole	*Scapanus latimanus*	N/A	0.09	0.06	0.00	0.48	0.00	0.00	1.13	0.35	0.05	0.00	0.03	0.00	2.31
yuma myotis	*Myotis yumanensis*	FS	0.09	0.06	0.00	0.48	0.29	0.67	1.13	0.35	0.05	10.38	0.03	1.26	2.31
long-eared myotis	*Myotis evotis*	FS	0.00	0.06	0.03	0.48	0.29	0.00	1.13	0.35	0.05	10.38	0.03	0.00	2.31
fringed myotis	*Myotis thysanodes*	FS	0.09	0.06	0.03	0.48	0.29	0.67	1.13	0.35	0.05	10.38	0.03	1.26	0.00
small-footed myotis	*Myotis ciliolabrum*	FS	0.09	0.00	0.00	0.00	0.05	0.44	0.61	0.00	0.00	7.59	0.00	0.00	1.85
spotted bat	*Euderma maculatum*	FS	0.09	0.00	0.00	0.48	0.29	0.67	1.13	0.35	0.05	10.38	0.03	1.26	2.31
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.09	0.06	0.03	0.48	0.29	0.67	1.13	0.35	0.05	10.38	0.03	1.26	2.31
pallid bat	*Antrozous pallidus*	FS	0.09	0.00	0.03	0.48	0.29	0.67	1.13	0.35	0.05	10.38	0.03	1.26	2.31
pygmy rabbit	*Brachylagus idahoensis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.38	0.00	0.00	0.00
snowshoe hare	*Lepus americanus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.03	0.00	0.00
white-tailed jackrabbit	*Lepus townsendii*	N/A	0.00	0.00	0.00	0.48	0.29	0.67	0.00	0.35	0.00	10.38	0.00	0.00	2.31
black-tailed jackrabbit	*Lepus californicus*	N/A	0.09	0.06	0.00	0.48	0.29	0.67	1.13	0.35	0.05	10.38	0.03	1.26	2.31
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.06	0.00	0.48	0.00	0.00	1.13	0.00	0.05	0.00	0.03	0.00	0.00
little pocket mouse	*Perognathus longimembris*	N/A	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.03	0.00	0.00	0.00
great basin pocket mouse	*Perognathus parvus*	N/A	0.09	0.00	0.00	0.48	0.29	0.67	1.13	0.00	0.05	10.38	0.03	0.00	0.00
California kangaroo rat	*Dipodomys californicus*	N/A	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.09	0.06	0.03	0.48	0.29	0.67	1.13	0.35	0.05	10.38	0.03	1.26	2.31
desert woodrat	*Neotoma lepida*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00	0.00
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	1.13	0.35	0.05	10.38	0.03	0.00	2.31
ringtail	*Bassariscus astutus*	N/A	0.09	0.06	0.03	0.00	0.05	0.20	1.02	0.08	0.00	10.02	0.00	0.00	2.31
american badger	*Taxidea taxus*	N/A	0.09	0.06	0.03	0.48	0.29	0.67	1.13	0.35	0.05	10.38	0.03	0.00	2.31
western spotted skunk	*Spilogale gracilis*	N/A	0.09	0.06	0.00	0.48	0.29	0.67	1.13	0.35	0.05	10.38	0.03	1.26	2.31
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.00	0.00	0.00	0.00	0.00	2.23
mountain lion	*Puma concolor*	ST	0.09	0.06	0.00	0.48	0.29	0.67	1.13	0.35	0.05	10.38	0.03	0.00	2.31
Reptiles															
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.48	0.29	0.67	0.00	0.00	0.05	10.38	0.03	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.09	0.00	0.00	0.00	0.29	0.00	1.13	0.35	0.05	0.00	0.03	0.00	0.00
northern rubber boa	*Charina bottae*	N/A	0.00	0.06	0.00	0.00	0.00	0.00	1.13	0.00	0.05	0.00	0.03	0.00	2.31
western patch-nosed snake	*Salvadora hexalepis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	0.09	0.00	0.00	0.48	0.29	0.67	1.13	0.35	0.05	10.38	0.03	1.26	2.31
common gartersnake	*Thamnophis sirtalis*	N/A	0.09	0.00	0.00	0.48	0.29	0.00	1.13	0.35	0.05	10.38	0.03	0.00	2.31

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Aspen	Barren	Eastside Pine	Juniper	Low Sage	Montane Riparian	Perennial Grassland	Ponderosa Pine	Sagebrush	Sierran Mixed Conifer	Urban	Wet Meadow
Plants															
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.31
slender orcutt grass	*Orcuttia tenuis*	FT & SE	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
greene's tuctoria	*Tuctoria greenei*	FE	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Caltrans District 2 – Northern California Coast Ranges Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Montane Hardwood	Riverine	Urban
		Total:	0.01	0.09	0.15	0.16
Amphibians						
southern torrent salamander	*Rhyacotriton variegatus*	FS	0.00	0.00	0.15	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.09	0.00	0.00
coastal tailed frog	*Ascaphus truei*	N/A	0.00	0.00	0.15	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.01	0.09	0.15	0.00
Birds						
great blue heron	*Ardea herodias*	N/A	0.01	0.09	0.15	0.16
osprey	*Pandion haliaetus*	FS	0.01	0.09	0.15	0.00
white-tailed kite	*Elanus leucurus*	FS	0.01	0.00	0.00	0.16
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.01	0.09	0.15	0.00
northern goshawk	*Accipiter gentilis*	FS	0.00	0.09	0.00	0.00
golden eagle	*Aquila chrysaetos*	FS	0.01	0.09	0.00	0.16
peregrine falcon	*Falco peregrinus*	FS	0.01	0.09	0.15	0.16
sooty grouse	*Dendragapus fuliginosus*	N/A	0.01	0.09	0.00	0.00
California quail	*Callipepla californica*	N/A	0.01	0.09	0.00	0.16
burrowing owl	*Athene cunicularia*	FS	0.01	0.00	0.00	0.16
spotted owl	*Strix occidentalis*	N/A	0.00	0.09	0.00	0.00
northern spotted owl	*Strix occidentalis caurina*	FT & ST	0.00	0.09	0.00	0.00
long-eared owl	*Asio otus*	N/A	0.01	0.09	0.00	0.00
vaux's swift	*Chaetura vauxi*	N/A	0.00	0.09	0.15	0.16
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.09	0.00	0.00
purple martin	*Progne subis*	N/A	0.01	0.09	0.15	0.16
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.09	0.00	0.16
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.09	0.00	0.16
yellow warbler	*Setophaga petechia*	N/A	0.00	0.09	0.00	0.16
common yellowthroat	*Geothlypis trichas*	N/A	0.01	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.09	0.00	0.16
California towhee	*Pipilo crissalis*	N/A	0.00	0.09	0.00	0.16
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.01	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.01	0.09	0.15	0.16
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.01	0.00	0.00	0.16
Mammals						
broad-footed mole	*Scapanus latimanus*	N/A	0.01	0.09	0.00	0.00
yuma myotis	*Myotis yumanensis*	FS	0.01	0.09	0.15	0.16
long-eared myotis	*Myotis evotis*	FS	0.00	0.09	0.15	0.00
fringed myotis	*Myotis thysanodes*	FS	0.01	0.09	0.15	0.16
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.01	0.09	0.15	0.16
pallid bat	*Antrozous pallidus*	FS	0.01	0.09	0.15	0.16
brush rabbit	*Sylvilagus bachmani*	N/A	0.01	0.09	0.00	0.16
black-tailed jackrabbit	*Lepus californicus*	N/A	0.01	0.09	0.00	0.16
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.09	0.00	0.00
California kangaroo rat	*Dipodomys californicus*	N/A	0.01	0.09	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.01	0.09	0.00	0.16
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.09	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	0.01	0.09	0.00	0.00
american badger	*Taxidea taxus*	N/A	0.01	0.09	0.00	0.00
western spotted skunk	*Spilogale gracilis*	N/A	0.01	0.09	0.00	0.16
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.15	0.00
mountain lion	*Puma concolor*	ST	0.01	0.09	0.00	0.00
Reptiles						
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.09	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Montane Hardwood	Riverine	Urban
western skink	*Plestiodon skiltonianus*	N/A	0.01	0.09	0.00	0.00
northern rubber boa	*Charina bottae*	N/A	0.00	0.09	0.00	0.00
ring-necked snake	*Diadophis punctatus*	N/A	0.01	0.09	0.00	0.16
striped racer	*Coluber lateralis*	N/A	0.00	0.09	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	0.01	0.09	0.00	0.16
California mountain kingsnake	*Lampropeltis zonata*	N/A	0.01	0.09	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	0.01	0.09	0.00	0.00
Plants						
clara hunt's milk-vetch	*Astragalus claranus*	FE & ST	0.01	0.09	0.00	0.00
sonoma sunshine	*Blennosperma bakeri*	FE & SE	0.01	0.00	0.00	0.00
vine hill clarkia	*Clarkia imbricata*	FE & SE	0.01	0.00	0.00	0.00
loch lomond button-celery	*Eryngium constancei*	FE & SE	0.01	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	0.01	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	0.01	0.09	0.00	0.00
pitkin marsh lily	*Lilium pardalinum ssp. pitkinense*	FE & SE	0.00	0.09	0.00	0.00
baker's meadowfoam	*Limnanthes bakeri*	FS	0.01	0.00	0.00	0.00
sebastopol meadowfoam	*Limnanthes vinculans*	FE & SE	0.01	0.00	0.00	0.00
milo baker's lupine	*Lupinus milo-bakeri*	ST	0.01	0.09	0.00	0.00
many-flowered navarretia	*Navarretia leucocephala ssp. plieantha*	FE & SE	0.01	0.00	0.00	0.00
napa blue grass	*Poa napensis*	FE & SE	0.01	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	0.01	0.00	0.00	0.00

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Units are in acres

Caltrans District 2 – Northern California Interior Coast Ranges Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Mixed Chaparral	Pasture	Urban	Valley Oak Woodland
		Total:	61.04	2.61	24.20	4.49	0.08	0.03	1.75	0.94
Amphibians										
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	24.20	4.49	0.08	0.00	0.00	0.94
western spadefoot	*Spea hammondii*	FS	60.86	0.00	22.58	3.30	0.06	0.00	0.00	0.03
foothill yellow-legged frog	*Rana boylii*	FS	61.04	0.00	24.20	4.49	0.08	0.00	0.00	0.94
northern leopard frog	*Lithobates pipiens*	N/A	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California red-legged frog	*Rana draytonii*	FT	61.04	0.00	24.20	4.49	0.08	0.00	0.00	0.94
Birds										
great blue heron	*Ardea herodias*	N/A	61.04	0.00	24.20	4.49	0.00	0.00	1.75	0.94
great egret	*Ardea alba*	N/A	61.04	0.00	24.20	4.49	0.00	0.00	1.75	0.94
osprey	*Pandion haliaetus*	FS	61.04	2.61	24.20	4.49	0.08	0.00	0.00	0.94
white-tailed kite	*Elanus leucurus*	FS	61.04	2.61	24.20	4.49	0.08	0.00	1.75	0.94
bald eagle	*Haliaeetus leucocephalus*	FS & SE	61.04	2.61	24.20	4.49	0.08	0.00	0.00	0.94
northern harrier	*Circus cyaneus*	N/A	61.04	2.61	24.20	4.49	0.08	0.00	1.75	0.94
golden eagle	*Aquila chrysaetos*	FS	61.04	2.61	24.20	4.49	0.08	0.03	1.75	0.94
peregrine falcon	*Falco peregrinus*	FS	61.04	2.61	24.20	4.49	0.08	0.00	1.75	0.94
California quail	*Callipepla californica*	N/A	61.04	0.00	24.20	4.49	0.08	0.00	1.75	0.94
burrowing owl	*Athene cunicularia*	FS	61.04	2.61	24.20	4.49	0.08	0.03	1.75	0.94
long-eared owl	*Asio otus*	N/A	0.00	0.00	0.10	0.00	0.03	0.00	0.00	0.00
vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
bank swallow	*Riparia riparia*	FS & ST	45.99	1.95	0.00	0.00	0.06	0.00	1.65	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	24.20	4.49	0.08	0.00	1.75	0.94
loggerhead shrike	*Lanius ludovicianus*	N/A	61.04	2.61	24.20	4.49	0.08	0.00	1.75	0.94
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	24.20	4.49	0.08	0.00	1.75	0.94
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	3.06	4.49	0.08	0.00	1.75	0.94
common yellowthroat	*Geothlypis trichas*	N/A	61.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	24.20	4.49	0.08	0.00	1.75	0.94
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	24.20	4.49	0.08	0.00	1.75	0.94
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	61.04	0.00	24.20	4.49	0.08	0.03	0.00	0.94
grasshopper sparrow	*Ammodramus savannarum*	N/A	61.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	61.04	0.00	24.20	4.49	0.08	0.00	1.75	0.94
red-winged blackbird	*Agelaius phoeniceus*	N/A	61.04	0.00	0.00	0.00	0.00	0.00	1.75	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	61.04	0.00	0.00	0.00	0.00	0.00	1.75	0.00
Mammals										
broad-footed mole	*Scapanus latimanus*	N/A	61.04	0.00	24.20	4.49	0.00	0.03	0.00	0.94
Yuma myotis	*Myotis yumanensis*	FS	61.04	0.00	24.20	4.49	0.08	0.03	1.75	0.94
long-eared myotis	*Myotis evotis*	FS	0.00	2.61	24.20	4.49	0.08	0.03	0.00	0.94
fringed myotis	*Myotis thysanodes*	FS	2.82	2.61	2.19	4.49	0.08	0.03	1.75	0.94
small-footed myotis	*Myotis ciliolabrum*	FS	0.00	1.51	0.00	0.00	0.00	0.00	0.00	0.00
western red bat	*Lasiurus blossevillii*	N/A	61.04	0.00	24.20	4.49	0.08	0.03	1.75	0.94
townsend's big-eared bat	*Corynorhinus townsendii*	FS	61.04	2.61	24.20	4.49	0.08	0.03	1.75	0.94
pallid bat	*Antrozous pallidus*	FS	61.04	2.61	24.20	4.49	0.08	0.03	1.75	0.94
western mastiff bat	*Eumops perotis*	FS	0.00	1.51	0.00	0.00	0.00	0.00	0.00	0.00
brush rabbit	*Sylvilagus bachmani*	N/A	61.04	0.00	24.20	4.49	0.08	0.03	1.75	0.94
black-tailed jackrabbit	*Lepus californicus*	N/A	61.04	0.00	24.20	4.49	0.08	0.03	1.75	0.94
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00
California kangaroo rat	*Dipodomys californicus*	N/A	61.04	0.00	24.20	4.49	0.08	0.00	0.00	0.94
deer mouse	*Peromyscus maniculatus*	N/A	61.04	2.61	24.20	4.49	0.08	0.03	1.75	0.94
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	24.20	4.49	0.08	0.00	0.00	0.94
California vole	*Microtus californicus*	N/A	61.04	0.00	24.20	4.49	0.08	0.03	1.75	0.94

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Mixed Chaparral	Pasture	Urban	Valley Oak Woodland
red fox	*Vulpes vulpes*	N/A	61.04	2.42	0.00	0.00	0.08	0.00	0.00	0.00
Sacramento valley red fox	*Vulpes vulpes patwin*	N/A	61.04	2.42	0.00	0.00	0.08	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	61.04	2.61	24.20	4.49	0.08	0.03	0.00	0.94
marten	*Martes caurina*	FS	0.00	1.51	0.00	0.00	0.00	0.00	0.00	0.00
American badger	*Taxidea taxus*	N/A	61.04	2.61	24.20	4.49	0.08	0.03	0.00	0.94
western spotted skunk	*Spilogale gracilis*	N/A	61.04	0.00	24.20	4.49	0.08	0.03	1.75	0.94
mountain lion	*Puma concolor*	ST	61.04	0.00	24.20	4.49	0.08	0.03	0.00	0.94
Reptiles										
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	61.04	0.00	24.20	4.49	0.08	0.03	0.00	0.94
ring-necked snake	*Diadophis punctatus*	N/A	61.04	0.00	24.20	4.49	0.08	0.03	1.75	0.94
striped racer	*Coluber lateralis*	N/A	0.00	0.00	24.20	4.49	0.08	0.00	0.00	0.94
gophersnake	*Pituophis catenifer*	N/A	61.04	0.00	24.20	4.49	0.08	0.03	1.75	0.94
California mountain kingsnake	*Lampropeltis zonata*	N/A	0.00	0.00	0.10	0.00	0.03	0.00	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	61.04	0.00	24.20	4.49	0.08	0.03	0.00	0.94
Plants										
clara hunt's milk-vetch	*Astragalus claranus*	FE & ST	61.04	0.00	0.00	0.00	0.03	0.00	0.00	0.00
indian valley brodiaea	*Brodiaea rosea*	FS & SE	61.04	0.00	0.00	0.00	0.03	0.00	0.00	0.00
tiburon paintbrush	*Castilleja affinis var. neglecta*	FE & ST	61.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
trinity buckwheat	*Eriogonum alpinum*	FS & SE	0.00	1.51	0.00	0.00	0.00	0.00	0.00	0.00
loch lomond button-celery	*Eryngium constancei*	FE & SE	61.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	61.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	61.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county western flax	*Hesperolinon didymocarpum*	FS & SE	61.04	0.00	0.00	0.00	0.03	0.00	0.00	0.00
burke's goldfields	*Lasthenia burkei*	FE & SE	61.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
few-flowered navarretia	*Navarretia leucocephala ssp. pauciflora*	FE & ST	61.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
many-flowered navarretia	*Navarretia leucocephala ssp. plieantha*	FE & SE	61.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender orcutt grass	*Orcuttia tenuis*	FT & SE	61.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
geysers panicum	*Panicum acuminatum var. thermale*	SE	61.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
calistoga popcornflower	*Plagiobothrys strictus*	FE & ST	61.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county stonecrop	*Sedella leiocarpa*	FE & SE	61.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
keck's checkerbloom	*Sidalcea keckii*	FE	61.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	61.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 2 – Northwestern Basin and Range Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grass	Barren	Bitterbrush	Low Sage	Perennial Grassland	Sagebrush	Urban	Wet Meadow
		Total:	0.08	0.06	0.05	0.15	0.02	0.21	4.27	0.44	0.22
Birds											
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.00	0.06	0.00	0.00	0.00	0.21	0.00	0.44	0.22
greater white-fronted goose	*Anser albifrons*	N/A	0.00	0.06	0.00	0.00	0.00	0.21	0.00	0.00	0.22
osprey	*Pandion haliaetus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	4.27	0.00	0.00
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.00	0.06	0.05	0.15	0.02	0.21	4.27	0.00	0.22
northern harrier	*Circus cyaneus*	N/A	0.08	0.06	0.05	0.15	0.02	0.21	4.27	0.44	0.22
northern goshawk	*Accipiter gentilis*	FS	0.00	0.00	0.00	0.15	0.02	0.00	4.27	0.00	0.00
Swainson's hawk	*Buteo swainsoni*	FS & ST	0.00	0.06	0.05	0.15	0.02	0.21	4.27	0.44	0.22
golden eagle	*Aquila chrysaetos*	FS	0.08	0.06	0.05	0.15	0.02	0.21	4.27	0.44	0.22
peregrine falcon	*Falco peregrinus*	FS	0.00	0.06	0.05	0.15	0.02	0.21	4.27	0.44	0.22
sooty grouse	*Dendragapus fuliginosus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	3.62	0.00	0.00
greater sage-grouse	*Centrocercus urophasianus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	2.44	0.00	0.00
California quail	*Callipepla californica*	N/A	0.08	0.06	0.00	0.15	0.02	0.21	4.27	0.44	0.22
sandhill crane	*Grus canadensis*	N/A	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.22
black tern	*Chlidonias niger*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
burrowing owl	*Athene cunicularia*	FS	0.08	0.06	0.05	0.15	0.02	0.21	4.27	0.44	0.22
long-eared owl	*Asio otus*	N/A	0.00	0.06	0.00	0.15	0.02	0.21	4.27	0.00	0.22
short-eared owl	*Asio flammeus*	N/A	0.08	0.06	0.00	0.15	0.02	0.21	4.27	0.44	0.22
Vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
purple martin	*Progne subis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00
bank swallow	*Riparia riparia*	FS & ST	0.00	0.06	0.05	0.15	0.00	0.18	4.21	0.29	0.09
Bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
loggerhead shrike	*Lanius ludovicianus*	N/A	0.08	0.06	0.05	0.15	0.02	0.21	4.27	0.44	0.22
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.06	0.00	0.00	0.00	0.21	0.00	0.00	0.22
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.00	0.15	0.00	0.00	4.27	0.44	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	0.00	0.06	0.00	0.15	0.02	0.21	4.27	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.08	0.00	0.00	0.15	0.02	0.00	4.27	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.08	0.06	0.00	0.15	0.02	0.21	4.27	0.00	0.22
song sparrow	*Melospiza melodia*	N/A	0.00	0.06	0.00	0.00	0.00	0.21	0.00	0.44	0.22
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.06	0.00	0.00	0.00	0.21	0.00	0.44	0.22
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.06	0.00	0.00	0.00	0.18	0.00	0.29	0.22
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.06	0.00	0.00	0.00	0.21	0.00	0.00	0.22
Mammals											
vagrant shrew	*Sorex vagrans*	N/A	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.09
broad-footed mole	*Scapanus latimanus*	N/A	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
Yuma myotis	*Myotis yumanensis*	FS	0.08	0.06	0.00	0.15	0.02	0.21	4.27	0.44	0.22
long-eared myotis	*Myotis evotis*	FS	0.08	0.00	0.05	0.15	0.00	0.21	4.27	0.00	0.22
fringed myotis	*Myotis thysanodes*	FS	0.00	0.06	0.05	0.15	0.02	0.21	4.27	0.44	0.00
small-footed myotis	*Myotis ciliolabrum*	FS	0.08	0.06	0.05	0.15	0.02	0.21	4.27	0.44	0.22
spotted bat	*Euderma maculatum*	FS	0.08	0.06	0.00	0.15	0.02	0.21	4.27	0.44	0.22
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.08	0.06	0.05	0.15	0.02	0.21	4.27	0.44	0.22
pallid bat	*Antrozous pallidus*	FS	0.08	0.06	0.05	0.15	0.02	0.21	4.27	0.44	0.22
pygmy rabbit	*Brachylagus idahoensis*	FS	0.00	0.00	0.00	0.15	0.00	0.00	4.27	0.00	0.00
white-tailed jackrabbit	*Lepus townsendii*	N/A	0.00	0.00	0.00	0.00	0.02	0.21	4.27	0.00	0.22
black-tailed jackrabbit	*Lepus californicus*	N/A	0.08	0.06	0.00	0.15	0.02	0.21	4.27	0.44	0.22
little pocket mouse	*Perognathus longimembris*	N/A	0.08	0.00	0.00	0.00	0.02	0.00	2.44	0.00	0.00
great basin pocket mouse	*Perognathus parvus*	N/A	0.08	0.06	0.00	0.15	0.02	0.00	4.27	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.08	0.06	0.05	0.15	0.02	0.21	4.27	0.44	0.22

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grass	Barren	Bitterbrush	Low Sage	Perennial Grassland	Sagebrush	Urban	Wet Meadow
desert woodrat	*Neotoma lepida*	N/A	0.08	0.00	0.00	0.15	0.02	0.00	4.27	0.00	0.00
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	2.84	0.00	0.00
kit fox	*Vulpes macrotis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	2.44	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	3.65	0.00	0.00
marten	*Martes caurina*	FS	0.00	0.00	0.05	0.00	0.00	0.18	0.00	0.00	0.13
American badger	*Taxidea taxus*	N/A	0.08	0.06	0.05	0.15	0.02	0.21	4.27	0.00	0.22
western spotted skunk	*Spilogale gracilis*	N/A	0.08	0.06	0.00	0.15	0.02	0.21	4.27	0.44	0.22
mountain lion	*Puma concolor*	ST	0.00	0.06	0.00	0.15	0.02	0.21	4.27	0.00	0.22
bighorn sheep	*Ovis canadensis*	FE & SE & ST	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reptiles											
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.15	0.02	0.00	4.27	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.00	0.06	0.00	0.00	0.00	0.21	0.00	0.00	0.00
western patch-nosed snake	*Salvadora hexalepis*	N/A	0.00	0.06	0.05	0.15	0.00	0.00	4.21	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	0.08	0.06	0.00	0.15	0.02	0.21	4.27	0.44	0.22
common gartersnake	*Thamnophis sirtalis*	N/A	0.00	0.06	0.00	0.00	0.00	0.21	4.27	0.00	0.22
Plants											
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.22
slender orcutt grass	*Orcuttia tenuis*	FT & SE	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tahoe yellow cress	*Rorippa subumbellata*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
Greene's tuctoria	*Tuctoria greenei*	FE	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 2 – Sierra Nevada Foothills Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grassland	Blue Oak Woodland	Douglas-Fir	Mixed Chaparral	Montane Hardwood	Urban
		Total:	0.51	0.06	0.07	0.02	0.31	0.03
Amphibians								
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.06	0.07	0.02	0.31	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.51	0.06	0.07	0.02	0.31	0.00
California red-legged frog	*Rana draytonii*	FT	0.51	0.06	0.07	0.02	0.31	0.00
Birds								
great blue heron	*Ardea herodias*	N/A	0.51	0.06	0.07	0.00	0.31	0.03
great egret	*Ardea alba*	N/A	0.51	0.06	0.07	0.00	0.00	0.03
osprey	*Pandion haliaetus*	FS	0.51	0.06	0.07	0.02	0.31	0.00
white-tailed kite	*Elanus leucurus*	FS	0.51	0.06	0.00	0.02	0.00	0.03
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.51	0.06	0.07	0.02	0.31	0.00
northern harrier	*Circus cyaneus*	N/A	0.51	0.06	0.07	0.02	0.31	0.03
northern goshawk	*Accipiter gentilis*	FS	0.00	0.00	0.07	0.02	0.31	0.00
golden eagle	*Aquila chrysaetos*	FS	0.51	0.06	0.07	0.02	0.31	0.03
peregrine falcon	*Falco peregrinus*	FS	0.51	0.06	0.07	0.02	0.31	0.03
California quail	*Callipepla californica*	N/A	0.51	0.06	0.07	0.02	0.31	0.03
burrowing owl	*Athene cunicularia*	FS	0.51	0.06	0.00	0.02	0.00	0.03
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.07	0.00	0.31	0.00
California spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.00	0.07	0.00	0.31	0.00
long-eared owl	*Asio otus*	N/A	0.51	0.06	0.00	0.02	0.31	0.00
short-eared owl	*Asio flammeus*	N/A	0.51	0.06	0.07	0.02	0.00	0.03
Vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	0.00	0.05	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.00	0.03	0.00
purple martin	*Progne subis*	N/A	0.00	0.00	0.00	0.00	0.05	0.00
Bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.06	0.07	0.02	0.31	0.03
loggerhead shrike	*Lanius ludovicianus*	N/A	0.51	0.06	0.00	0.02	0.31	0.03
Hutton's vireo	*Vireo huttoni*	N/A	0.00	0.06	0.07	0.02	0.31	0.03
yellow warbler	*Setophaga petechia*	N/A	0.00	0.06	0.07	0.02	0.31	0.03
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.06	0.07	0.02	0.31	0.03
California towhee	*Pipilo crissalis*	N/A	0.00	0.06	0.00	0.02	0.31	0.03
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.51	0.00	0.00	0.02	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.51	0.06	0.00	0.02	0.00	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.51	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.51	0.06	0.07	0.02	0.31	0.03
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.51	0.00	0.00	0.00	0.00	0.03
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.51	0.00	0.00	0.00	0.00	0.03
Mammals								
broad-footed mole	*Scapanus latimanus*	N/A	0.51	0.06	0.07	0.00	0.31	0.00
Yuma myotis	*Myotis yumanensis*	FS	0.51	0.06	0.07	0.02	0.31	0.03
long-eared myotis	*Myotis evotis*	FS	0.00	0.06	0.07	0.02	0.31	0.00
fringed myotis	*Myotis thysanodes*	FS	0.51	0.06	0.07	0.02	0.31	0.03
small-footed myotis	*Myotis ciliolabrum*	FS	0.51	0.06	0.00	0.02	0.31	0.03
western red bat	*Lasiurus blossevillii*	N/A	0.51	0.06	0.07	0.02	0.31	0.03
spotted bat	*Euderma maculatum*	FS	0.51	0.06	0.00	0.00	0.00	0.03
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.51	0.06	0.07	0.02	0.31	0.03
pallid bat	*Antrozous pallidus*	FS	0.51	0.06	0.07	0.02	0.31	0.03
western mastiff bat	*Eumops perotis*	FS	0.51	0.06	0.00	0.02	0.31	0.03
brush rabbit	*Sylvilagus bachmani*	N/A	0.51	0.06	0.07	0.02	0.31	0.03
black-tailed jackrabbit	*Lepus californicus*	N/A	0.51	0.06	0.07	0.02	0.31	0.03
California kangaroo rat	*Dipodomys californicus*	N/A	0.51	0.06	0.00	0.02	0.31	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.51	0.06	0.07	0.02	0.31	0.03
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.06	0.07	0.02	0.31	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Annual Grassland	Blue Oak Woodland	Douglas-Fir	Mixed Chaparral	Montane Hardwood	Urban
California vole	*Microtus californicus*	N/A	0.51	0.06	0.07	0.02	0.31	0.03
red fox	*Vulpes vulpes*	N/A	0.51	0.00	0.00	0.02	0.00	0.00
Sacramento valley red fox	*Vulpes vulpes patwin*	N/A	0.51	0.00	0.00	0.02	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	0.51	0.06	0.07	0.02	0.31	0.00
fisher	*Pekania pennanti*	FS & ST	0.00	0.00	0.07	0.00	0.00	0.00
American badger	*Taxidea taxus*	N/A	0.51	0.06	0.07	0.02	0.31	0.00
western spotted skunk	*Spilogale gracilis*	N/A	0.51	0.06	0.07	0.02	0.31	0.03
mountain lion	*Puma concolor*	ST	0.51	0.06	0.07	0.02	0.31	0.00
Reptiles								
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.00	0.05	0.00
Blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.51	0.06	0.00	0.02	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.51	0.06	0.07	0.02	0.31	0.00
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	0.00	0.00	0.05	0.00
ring-necked snake	*Diadophis punctatus*	N/A	0.51	0.06	0.07	0.02	0.31	0.03
striped racer	*Coluber lateralis*	N/A	0.00	0.06	0.07	0.02	0.31	0.00
gophersnake	*Pituophis catenifer*	N/A	0.51	0.06	0.07	0.02	0.31	0.03
California mountain kingsnake	*Lampropeltis zonata*	N/A	0.51	0.06	0.07	0.02	0.31	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	0.51	0.06	0.07	0.02	0.31	0.00
Plants								
ione manzanita	*Arctostaphylos myrtifolia*	FT	0.00	0.00	0.00	0.02	0.26	0.00
Chinese camp brodiaea	*Brodiaea pallida*	FT & SE	0.39	0.00	0.00	0.00	0.26	0.00
Stebbins' morning-glory	*Calystegia stebbinsii*	FE & SE	0.00	0.00	0.00	0.02	0.26	0.00
pine hill ceanothus	*Ceanothus roderickii*	FE	0.00	0.00	0.00	0.02	0.26	0.00
ione buckwheat	*Eriogonum apricum var. apricum*	FE & SE	0.00	0.00	0.00	0.02	0.00	0.00
irish hill buckwheat	*Eriogonum apricum var. prostratum*	FE & SE	0.00	0.00	0.00	0.02	0.00	0.00
pine hill flannelbush	*Fremontodendron decumbens*	FE	0.00	0.00	0.00	0.02	0.26	0.00
el dorado bedstraw	*Galium californicum ssp. sierrae*	FE	0.00	0.00	0.00	0.02	0.26	0.00
Boggs Lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.39	0.00	0.00	0.00	0.00	0.00
Webber's ivesia	*Ivesia webberi*	FT & FS	0.00	0.00	0.00	0.02	0.00	0.00
Layne's ragwort	*Packera layneae*	FT	0.00	0.00	0.00	0.02	0.26	0.00
Tahoe yellow cress	*Rorippa subumbellata*	FS & SE	0.00	0.00	0.00	0.02	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 2 – Sierra Nevada Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Aspen	Barren	Douglas-Fir	Eastside Pine	Jeffrey Pine	Lacustrine	Mixed Chaparral	Montane Chaparral
		Total:	26.10	0.15	10.57	15.78	58.04	0.33	0.02	2.61	1.98
Amphibians											
long-toed salamander	*Ambystoma macrodactylum*	N/A	0.00	0.00	0.00	15.63	0.00	0.00	0.02	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00
cascades frog	*Rana cascadae*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.12	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00
northern leopard frog	*Lithobates pipiens*	N/A	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sierra Nevada yellow-legged frog	*Rana sierrae*	FE & FS & ST	0.00	0.15	0.00	0.00	0.00	0.33	0.00	0.00	0.00
California red-legged frog	*Rana draytonii*	FT	0.00	0.00	0.00	0.16	0.00	0.00	0.02	0.00	0.00
Birds											
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	26.10	0.00	0.00	15.78	58.04	0.00	0.02	0.00	0.00
greater white-fronted goose	*Anser albifrons*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	26.10	0.00	10.57	15.78	58.04	0.33	0.02	2.61	1.98
bald eagle	*Haliaeetus leucocephalus*	FS & SE	26.10	0.15	10.57	15.78	58.04	0.33	0.02	2.61	1.98
northern harrier	*Circus cyaneus*	N/A	0.07	0.00	0.67	0.00	2.69	0.33	0.00	0.00	0.03
northern goshawk	*Accipiter gentilis*	FS	0.00	0.15	0.00	15.78	58.04	0.33	0.00	2.61	1.98
Swainson's hawk	*Buteo swainsoni*	FS & ST	0.07	0.00	0.00	0.00	2.47	0.00	0.00	0.00	0.00
golden eagle	*Aquila chrysaetos*	FS	26.10	0.00	10.57	15.78	58.04	0.33	0.00	2.61	1.98
peregrine falcon	*Falco peregrinus*	FS	26.10	0.00	10.57	15.78	58.04	0.33	0.02	2.61	1.98
sooty grouse	*Dendragapus fuliginosus*	N/A	26.10	0.15	0.00	15.63	58.04	0.33	0.00	0.00	0.00
California quail	*Callipepla californica*	N/A	0.33	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.03
sandhill crane	*Grus canadensis*	N/A	26.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black tern	*Chlidonias niger*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.07	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00
spotted owl	*Strix occidentalis*	N/A	0.00	0.15	0.00	15.78	36.96	0.33	0.00	0.00	0.00
California spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.15	0.00	15.78	36.96	0.33	0.00	0.00	0.00
great gray owl	*Strix nebulosa*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
long-eared owl	*Asio otus*	N/A	26.10	0.15	0.00	0.00	58.04	0.00	0.00	2.61	1.98
short-eared owl	*Asio flammeus*	N/A	0.07	0.00	0.00	0.00	2.47	0.00	0.00	0.00	0.00
Vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	15.78	0.00	0.33	0.02	2.61	1.98
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.15	0.00	15.78	58.04	0.33	0.00	2.61	0.00
willow flycatcher	*Empidonax traillii*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
purple martin	*Progne subis*	N/A	26.10	0.00	0.00	15.78	0.00	0.00	0.02	0.00	0.00
bank swallow	*Riparia riparia*	FS & ST	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.00	15.78	0.00	0.00	0.00	2.61	1.96
loggerhead shrike	*Lanius ludovicianus*	N/A	16.86	0.00	3.56	0.00	31.03	0.00	0.00	0.00	0.00
Hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.15	0.00	15.78	58.04	0.33	0.00	2.61	1.98
common yellowthroat	*Geothlypis trichas*	N/A	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.15	0.00	15.78	58.04	0.33	0.00	2.61	1.98
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	16.97	0.00	0.00	0.00	0.00	0.00	0.00	2.61	1.98
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.00	2.61	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	16.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	26.10	0.15	0.00	15.78	58.04	0.33	0.02	2.61	0.00

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Aspen	Barren	Douglas-Fir	Eastside Pine	Jeffrey Pine	Lacustrine	Mixed Chaparral	Montane Chaparral
red-winged blackbird	*Agelaius phoeniceus*	N/A	26.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals											
vagrant shrew	*Sorex vagrans*	N/A	26.10	0.15	0.00	15.63	0.00	0.33	0.00	2.61	1.98
broad-footed mole	*Scapanus latimanus*	N/A	26.10	0.15	0.00	15.78	58.04	0.33	0.00	0.00	0.00
Yuma myotis	*Myotis yumanensis*	FS	26.10	0.15	0.00	15.78	58.04	0.33	0.02	2.61	1.98
long-eared myotis	*Myotis evotis*	FS	0.00	0.15	10.57	15.78	58.04	0.33	0.02	2.61	1.98
fringed myotis	*Myotis thysanodes*	FS	26.10	0.15	10.57	15.78	58.04	0.33	0.02	2.61	1.98
small-footed myotis	*Myotis ciliolabrum*	FS	0.33	0.00	1.32	0.00	0.22	0.33	0.02	0.00	0.03
western red bat	*Lasiurus blossevillii*	N/A	0.00	0.00	0.00	0.16	0.00	0.00	0.02	0.00	0.00
spotted bat	*Euderma maculatum*	FS	26.10	0.00	0.00	0.00	58.04	0.33	0.00	0.00	1.98
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	26.10	0.15	10.57	15.78	58.04	0.33	0.00	2.61	1.98
pallid bat	*Antrozous pallidus*	FS	26.10	0.00	10.57	15.78	58.04	0.33	0.00	2.61	1.98
western mastiff bat	*Eumops perotis*	FS	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00
brush rabbit	*Sylvilagus bachmani*	N/A	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00
snowshoe hare	*Lepus americanus*	N/A	0.00	0.15	0.00	15.67	0.00	0.33	0.00	0.00	0.00
white-tailed jackrabbit	*Lepus townsendii*	N/A	0.00	0.00	0.00	0.00	31.25	0.33	0.00	0.00	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	26.10	0.15	0.00	15.78	58.04	0.33	0.00	2.61	1.98
mountain beaver	*Aplodontia rufa*	N/A	0.00	0.15	0.00	15.63	58.04	0.33	0.00	0.00	0.00
lodgepole chipmunk	*Tamias speciosus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.15	0.00	15.78	58.04	0.33	0.00	0.00	0.00
great basin pocket mouse	*Perognathus parvus*	N/A	0.07	0.00	0.00	0.00	2.77	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	26.10	0.15	10.57	15.78	58.04	0.33	0.00	2.61	1.98
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00
California vole	*Microtus californicus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
red fox	*Vulpes vulpes*	N/A	26.10	0.00	10.12	0.00	57.95	0.33	0.00	2.61	1.98
Sierra Nevada red fox	*Vulpes vulpes necator*	FS & ST	26.10	0.00	10.12	0.00	57.95	0.33	0.00	2.61	1.98
ringtail	*Bassariscus astutus*	N/A	26.10	0.15	10.57	15.78	58.04	0.33	0.00	2.61	1.98
marten	*Martes caurina*	FS	0.00	0.15	10.57	15.70	58.04	0.33	0.00	0.00	0.00
fisher	*Pekania pennanti*	FS & ST	0.00	0.15	0.00	15.78	58.04	0.33	0.00	0.00	0.00
wolverine	*Gulo gulo*	FS & ST	0.00	0.15	10.24	15.63	0.00	0.33	0.00	0.00	1.98
American badger	*Taxidea taxus*	N/A	26.10	0.15	10.57	15.78	58.04	0.33	0.00	2.61	1.98
western spotted skunk	*Spilogale gracilis*	N/A	26.10	0.15	0.00	15.78	58.04	0.33	0.00	2.61	1.98
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
mountain lion	*Puma concolor*	ST	26.10	0.15	0.00	15.78	58.04	0.33	0.00	2.61	1.98
Reptiles											
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	15.78	58.04	0.33	0.00	2.61	1.98
western skink	*Plestiodon skiltonianus*	N/A	26.10	0.00	0.00	15.78	0.00	0.00	0.00	2.61	1.98
northern rubber boa	*Charina bottae*	N/A	0.00	0.15	0.00	15.78	0.00	0.33	0.00	0.00	1.98
ring-necked snake	*Diadophis punctatus*	N/A	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	26.10	0.00	0.00	15.78	58.04	0.33	0.00	2.61	1.98
California mountain kingsnake	*Lampropeltis zonata*	N/A	26.10	0.00	0.00	15.78	0.00	0.33	0.00	2.61	1.98
common gartersnake	*Thamnophis sirtalis*	N/A	26.10	0.00	0.00	15.78	58.04	0.33	0.02	2.61	1.98
Plants											
Boggs Lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Webber's ivesia	*Ivesia webberi*	FT & FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.61	0.00
Tahoe yellow cress	*Rorippa subumbellata*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.61	0.00

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Common Name	Species Name	Status	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Perennial Grassland	Ponderosa Pine	Riverine	Sagebrush	Sierran Mixed Conifer	Urban	Wet Meadow
		Total:	0.46	1.49	0.51	0.71	0.71	0.10	13.96	13.72	7.71	0.40
Amphibians												
long-toed salamander	*Ambystoma macrodactylum*	N/A	0.04	1.49	0.51	0.00	0.71	0.00	0.00	13.59	0.00	0.40
ensatina	*Ensatina eschscholtzii*	N/A	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cascades frog	*Rana cascadae*	FS	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.07	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.46	0.25	0.00	0.00	0.11	0.10	0.00	0.89	0.00	0.00
northern leopard frog	*Lithobates pipiens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sierra Nevada yellow-legged frog	*Rana sierrae*	FE & FS & ST	0.07	0.24	0.05	0.00	0.11	0.10	0.00	1.59	0.00	0.31
California red-legged frog	*Rana draytonii*	FT	0.46	0.25	0.00	0.00	0.11	0.10	0.00	0.00	0.00	0.00
Birds												
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.46	1.49	0.51	0.71	0.71	0.10	0.00	13.72	7.71	0.40
greater white-fronted goose	*Anser albifrons*	N/A	0.00	0.00	0.00	0.71	0.00	0.00	0.00	0.00	0.00	0.31
osprey	*Pandion haliaetus*	FS	0.46	1.49	0.51	0.71	0.71	0.10	13.96	13.72	0.00	0.40
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.46	1.49	0.51	0.71	0.71	0.10	13.96	13.72	0.00	0.40
northern harrier	*Circus cyaneus*	N/A	0.00	0.00	0.00	0.71	0.00	0.00	0.54	0.16	0.06	0.31
northern goshawk	*Accipiter gentilis*	FS	0.46	1.49	0.51	0.00	0.71	0.00	13.96	13.72	0.00	0.00
Swainson's hawk	*Buteo swainsoni*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.06	0.00
golden eagle	*Aquila chrysaetos*	FS	0.46	1.49	0.51	0.71	0.71	0.00	13.96	13.72	7.71	0.40
peregrine falcon	*Falco peregrinus*	FS	0.46	1.49	0.51	0.71	0.71	0.10	13.96	13.72	7.71	0.40
sooty grouse	*Dendragapus fuliginosus*	N/A	0.00	1.39	0.51	0.71	0.71	0.00	13.96	13.72	0.00	0.00
California quail	*Callipepla californica*	N/A	0.31	0.09	0.00	0.00	0.00	0.00	0.07	0.79	0.00	0.31
sandhill crane	*Grus canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40
black tern	*Chlidonias niger*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31
burrowing owl	*Athene cunicularia*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.06	0.00
spotted owl	*Strix occidentalis*	N/A	0.46	1.49	0.08	0.00	0.71	0.00	0.00	13.72	0.00	0.00
California spotted owl	*Strix occidentalis occidentalis*	FS	0.46	1.49	0.08	0.00	0.71	0.00	0.00	13.72	0.00	0.00
great gray owl	*Strix nebulosa*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.72	0.00	0.40
long-eared owl	*Asio otus*	N/A	0.46	1.49	0.51	0.71	0.71	0.00	13.96	13.72	0.00	0.40
short-eared owl	*Asio flammeus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.06	0.00
Vaux's swift	*Chaetura vauxi*	N/A	0.46	1.49	0.51	0.71	0.71	0.10	0.00	13.72	7.66	0.40
olive-sided flycatcher	*Contopus cooperi*	N/A	0.46	1.49	0.51	0.00	0.71	0.00	0.00	13.72	0.00	0.00
willow flycatcher	*Empidonax traillii*	FS & SE	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.40
purple martin	*Progne subis*	N/A	0.46	1.49	0.51	0.71	0.71	0.10	0.00	13.72	7.71	0.40
bank swallow	*Riparia riparia*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bewick's wren	*Thryomanes bewickii*	N/A	0.42	1.45	0.51	0.00	0.60	0.00	0.00	0.00	7.71	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.00	0.00	0.43	0.00	0.00	0.00	11.83	0.00	7.56	0.00
Hutton's vireo	*Vireo huttoni*	N/A	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow warbler	*Setophaga petechia*	N/A	0.46	1.49	0.51	0.00	0.71	0.00	0.00	13.72	7.71	0.00
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.46	1.49	0.51	0.00	0.71	0.00	13.96	13.72	7.71	0.00
California towhee	*Pipilo crissalis*	N/A	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	10.60	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.00	0.00	0.00	0.71	0.00	0.00	12.15	0.00	0.00	0.31
song sparrow	*Melospiza melodia*	N/A	0.46	1.49	0.51	0.71	0.71	0.10	0.00	13.72	7.71	0.40
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.00	0.51	0.71	0.00	0.00	0.00	0.00	7.71	0.40

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Perennial Grassland	Ponderosa Pine	Riverine	Sagebrush	Sierran Mixed Conifer	Urban	Wet Meadow
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.00	0.00	0.71	0.00	0.00	0.00	0.00	0.00	0.31
Mammals												
vagrant shrew	*Sorex vagrans*	N/A	0.16	1.49	0.51	0.71	0.71	0.00	0.00	13.72	0.00	0.40
broad-footed mole	*Scapanus latimanus*	N/A	0.46	1.49	0.51	0.71	0.71	0.00	0.00	13.72	0.00	0.40
Yuma myotis	*Myotis yumanensis*	FS	0.46	1.49	0.51	0.71	0.71	0.10	13.96	13.72	7.71	0.40
long-eared myotis	*Myotis evotis*	FS	0.46	1.49	0.51	0.71	0.71	0.10	13.96	13.72	0.00	0.40
fringed myotis	*Myotis thysanodes*	FS	0.46	1.49	0.51	0.71	0.71	0.10	13.96	13.72	7.71	0.00
small-footed myotis	*Myotis ciliolabrum*	FS	0.46	0.33	0.05	0.71	0.11	0.10	0.45	1.59	0.06	0.31
western red bat	*Lasiurus blossevillii*	N/A	0.42	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted bat	*Euderma maculatum*	FS	0.00	1.49	0.51	0.71	0.71	0.10	13.96	13.72	7.71	0.40
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.46	1.49	0.51	0.71	0.71	0.10	13.96	13.72	7.71	0.40
pallid bat	*Antrozous pallidus*	FS	0.46	1.49	0.51	0.71	0.71	0.10	13.96	13.72	7.71	0.40
western mastiff bat	*Eumops perotis*	FS	0.46	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
brush rabbit	*Sylvilagus bachmani*	N/A	0.46	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
snowshoe hare	*Lepus americanus*	N/A	0.00	0.00	0.51	0.00	0.00	0.00	0.00	13.72	0.00	0.00
white-tailed jackrabbit	*Lepus townsendii*	N/A	0.00	0.00	0.00	0.71	0.00	0.00	12.15	0.00	0.00	0.31
black-tailed jackrabbit	*Lepus californicus*	N/A	0.46	1.49	0.51	0.71	0.71	0.00	13.96	13.72	7.71	0.40
mountain beaver	*Aplodontia rufa*	N/A	0.00	1.39	0.51	0.71	0.71	0.00	0.00	13.72	0.00	0.40
lodgepole chipmunk	*Tamias speciosus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.27	1.49	0.51	0.00	0.71	0.00	0.00	13.72	0.00	0.00
great basin pocket mouse	*Perognathus parvus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.46	1.49	0.51	0.71	0.71	0.00	13.96	13.72	7.71	0.40
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.46	0.09	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00
California vole	*Microtus californicus*	N/A	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
red fox	*Vulpes vulpes*	N/A	0.00	1.24	0.51	0.69	0.60	0.00	0.00	13.07	0.00	0.40
Sierra Nevada red fox	*Vulpes vulpes necator*	FS & ST	0.00	1.24	0.51	0.69	0.60	0.00	0.00	13.07	0.00	0.40
ringtail	*Bassariscus astutus*	N/A	0.46	1.49	0.51	0.71	0.71	0.00	13.96	13.72	0.00	0.40
marten	*Martes caurina*	FS	0.00	1.49	0.51	0.71	0.71	0.00	0.00	13.72	0.00	0.40
fisher	*Pekania pennanti*	FS & ST	0.00	1.49	0.51	0.00	0.71	0.00	0.00	13.72	0.00	0.00
wolverine	*Gulo gulo*	FS & ST	0.00	1.39	0.51	0.71	0.00	0.00	0.00	13.72	0.00	0.40
American badger	*Taxidea taxus*	N/A	0.46	1.49	0.51	0.71	0.71	0.00	13.96	13.72	0.00	0.40
western spotted skunk	*Spilogale gracilis*	N/A	0.46	1.49	0.51	0.71	0.71	0.00	13.96	13.72	7.71	0.40
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.51	0.00	0.00	0.10	0.00	0.00	0.00	0.08
mountain lion	*Puma concolor*	ST	0.46	1.49	0.51	0.71	0.71	0.00	13.96	13.72	0.00	0.40
Reptiles												
common sagebrush lizard	*Sceloporus graciosus*	FS	0.46	1.49	0.00	0.00	0.71	0.00	13.96	13.72	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.46	1.49	0.51	0.71	0.71	0.00	0.00	13.72	0.00	0.00
northern rubber boa	*Charina bottae*	N/A	0.46	1.49	0.51	0.00	0.71	0.00	0.00	13.72	0.00	0.40
ring-necked snake	*Diadophis punctatus*	N/A	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
striped racer	*Coluber lateralis*	N/A	0.46	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	0.46	1.49	0.51	0.71	0.71	0.00	13.96	13.72	7.71	0.40
California mountain kingsnake	*Lampropeltis zonata*	N/A	0.46	1.49	0.51	0.00	0.71	0.00	0.00	13.72	0.00	0.40
common gartersnake	*Thamnophis sirtalis*	N/A	0.46	1.49	0.51	0.71	0.71	0.00	13.96	13.72	0.00	0.40
Plants												
Boggs Lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Webber's ivesia	*Ivesia webberi*	FT & FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tahoe yellow cress	*Rorippa subumbellata*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40

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Caltrans District 2 – Southern Cascades Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Aspen	Barren	Bitterbrush	Eastside Pine	Jeffrey Pine	Juniper	Lodgepole Pine	Low Sage	Mixed Chaparral	Montane Chaparral
		Total:	1.53	0.02	53.95	1.11	2.49	0.11	0.17	3.89	0.03	2.22	12.95
Amphibians													
long-toed salamander	*Ambystoma macrodactylum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.89	0.00	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.22	0.37
Shasta salamander	*Hydromantes shastae*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coastal tailed frog	*Ascaphus truei*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oregon spotted frog	*Rana pretiosa*	FT & FS	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00
cascades frog	*Rana cascadae*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.83	0.00	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	1.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.22	1.38
northern leopard frog	*Lithobates pipiens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sierra Nevada yellow-legged frog	*Rana sierrae*	FE & FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California red-legged frog	*Rana draytonii*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00
Birds													
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	45.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	1.53	0.00	0.00	0.00	2.49	0.00	0.17	0.00	0.00	0.00	0.00
great egret	*Ardea alba*	N/A	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
greater white-fronted goose	*Anser albifrons*	N/A	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	1.53	0.00	53.95	1.11	2.49	0.11	0.17	3.89	0.00	2.22	12.95
bald eagle	*Haliaeetus leucocephalus*	FS & SE	1.53	0.02	53.95	1.11	2.49	0.11	0.17	3.89	0.03	2.22	12.95
northern harrier	*Circus cyaneus*	N/A	0.91	0.00	11.33	0.73	1.94	0.11	0.17	0.00	0.03	0.00	0.16
northern goshawk	*Accipiter gentilis*	FS	0.00	0.02	0.00	1.11	2.49	0.11	0.17	3.89	0.03	2.22	12.95
Swainson's hawk	*Buteo swainsoni*	FS & ST	0.10	0.00	7.13	0.62	0.42	0.00	0.17	0.00	0.00	0.00	0.15
golden eagle	*Aquila chrysaetos*	FS	1.53	0.00	53.95	1.11	2.49	0.11	0.17	3.89	0.03	2.22	12.95
peregrine falcon	*Falco peregrinus*	FS	1.53	0.00	53.95	1.11	2.49	0.11	0.17	3.89	0.03	2.22	12.95
sooty grouse	*Dendragapus fuliginosus*	N/A	0.83	0.02	0.00	0.00	2.32	0.11	0.00	3.89	0.00	0.00	0.00
California quail	*Callipepla californica*	N/A	1.53	0.02	0.00	1.11	2.49	0.00	0.17	0.00	0.03	2.22	12.12
sandhill crane	*Grus canadensis*	N/A	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black tern	*Chlidonias niger*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	1.24	0.00	52.64	0.73	0.00	0.00	0.00	0.00	0.03	2.22	7.83
spotted owl	*Strix occidentalis*	N/A	0.00	0.02	0.00	0.00	0.41	0.11	0.00	3.89	0.00	0.00	0.00
northern spotted owl	*Strix occidentalis caurina*	FT & ST	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
California spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.02	0.00	0.00	0.21	0.11	0.00	3.89	0.00	0.00	0.00
great gray owl	*Strix nebulosa*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00
long-eared owl	*Asio otus*	N/A	1.53	0.02	0.00	1.11	2.49	0.00	0.17	0.00	0.03	2.22	12.95
short-eared owl	*Asio flammeus*	N/A	1.09	0.00	0.00	1.11	0.74	0.00	0.17	0.00	0.00	0.00	0.00
black swift	*Cypseloides niger*	N/A	0.10	0.00	7.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21
Vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	2.22	12.95
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.02	0.00	0.00	2.49	0.11	0.00	3.89	0.00	2.22	0.00
purple martin	*Progne subis*	N/A	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bank swallow	*Riparia riparia*	FS & ST	0.00	0.00	7.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.26	0.50
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	1.35	0.00	42.57	0.73	0.22	0.00	0.17	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Aspen	Barren	Bitterbrush	Eastside Pine	Jeffrey Pine	Juniper	Lodgepole Pine	Low Sage	Mixed Chaparral	Montane Chaparral
Hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.22	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.02	0.00	0.00	2.49	0.11	0.00	3.89	0.00	2.22	12.95
common yellowthroat	*Geothlypis trichas*	N/A	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.02	0.00	0.97	2.14	0.11	0.17	0.00	0.00	2.22	12.95
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.22
vesper sparrow	*Pooecetes gramineus*	N/A	0.91	0.00	0.00	0.87	0.00	0.00	0.17	0.00	0.00	0.00	0.79
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	1.53	0.00	0.00	1.11	0.00	0.00	0.17	0.00	0.03	0.00	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	1.53	0.02	0.00	0.00	2.49	0.11	0.00	0.00	0.00	2.22	0.00
red-winged blackbird	*Agelaius phoeniceus*	N/A	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	1.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals													
vagrant shrew	*Sorex vagrans*	N/A	1.53	0.02	0.00	0.00	0.00	0.11	0.00	3.89	0.00	0.00	12.95
broad-footed mole	*Scapanus latimanus*	N/A	1.53	0.02	0.00	0.00	2.49	0.11	0.00	3.89	0.00	0.00	0.00
Yuma myotis	*Myotis yumanensis*	FS	1.53	0.02	0.00	1.11	2.49	0.11	0.17	3.89	0.03	2.22	12.95
long-eared myotis	*Myotis evotis*	FS	0.00	0.02	53.95	1.11	2.49	0.11	0.17	3.89	0.00	2.22	12.95
fringed myotis	*Myotis thysanodes*	FS	1.53	0.02	53.95	1.11	2.49	0.11	0.17	3.89	0.03	2.22	12.95
small-footed myotis	*Myotis ciliolabrum*	FS	0.44	0.00	45.91	0.00	1.75	0.11	0.00	0.00	0.03	2.22	12.60
western red bat	*Lasiurus blossevillii*	N/A	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.26	0.17
spotted bat	*Euderma maculatum*	FS	0.85	0.00	0.00	1.11	2.49	0.11	0.17	0.00	0.03	0.00	12.95
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	1.53	0.02	53.95	1.11	2.49	0.11	0.17	3.89	0.03	2.22	12.95
pallid bat	*Antrozous pallidus*	FS	1.53	0.00	53.95	1.11	2.49	0.11	0.17	3.89	0.03	2.22	12.95
western mastiff bat	*Eumops perotis*	FS	0.43	0.02	52.25	0.00	0.00	0.00	0.17	0.00	0.00	2.22	6.86
brush rabbit	*Sylvilagus bachmani*	N/A	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.22	0.37
snowshoe hare	*Lepus americanus*	N/A	0.00	0.02	0.00	0.00	0.00	0.11	0.00	3.89	0.00	0.00	0.00
white-tailed jackrabbit	*Lepus townsendii*	N/A	0.00	0.00	0.00	0.00	1.73	0.11	0.00	0.00	0.03	0.00	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	1.53	0.02	0.00	1.11	2.49	0.11	0.17	3.89	0.03	2.22	12.95
mountain beaver	*Aplodontia rufa*	N/A	0.00	0.02	0.00	0.00	1.08	0.11	0.00	3.66	0.00	0.00	0.00
lodgepole chipmunk	*Tamias speciosus*	N/A	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	7.33
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.02	0.00	0.00	2.17	0.11	0.00	3.89	0.00	0.00	0.00
great basin pocket mouse	*Perognathus parvus*	N/A	0.83	0.00	0.00	0.87	1.90	0.00	0.17	0.00	0.00	0.00	0.15
California kangaroo rat	*Dipodomys californicus*	N/A	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.22	0.00
deer mouse	*Peromyscus maniculatus*	N/A	1.53	0.02	53.95	1.11	2.49	0.11	0.17	3.89	0.03	2.22	12.95
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.68	0.37
California vole	*Microtus californicus*	N/A	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00
red fox	*Vulpes vulpes*	N/A	0.63	0.00	51.58	0.00	0.91	0.06	0.00	3.89	0.00	0.00	12.63
Sierra Nevada red fox	*Vulpes vulpes necator*	FS & ST	0.63	0.00	51.58	0.00	0.91	0.06	0.00	3.89	0.00	0.00	12.63
ringtail	*Bassariscus astutus*	N/A	1.44	0.02	53.88	1.07	2.10	0.11	0.00	0.00	0.03	2.22	12.95
marten	*Martes caurina*	FS	0.00	0.02	53.88	0.00	2.23	0.11	0.00	3.89	0.00	0.00	0.00
fisher	*Pekania pennanti*	FS & ST	0.00	0.02	0.00	0.00	2.15	0.11	0.00	3.89	0.00	0.00	0.00
wolverine	*Gulo gulo*	FS & ST	0.00	0.02	42.26	0.00	0.00	0.11	0.00	0.00	0.00	0.00	9.21
American badger	*Taxidea taxus*	N/A	1.53	0.02	53.95	1.11	2.49	0.11	0.17	3.89	0.03	2.22	12.95

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Aspen	Barren	Bitterbrush	Eastside Pine	Jeffrey Pine	Juniper	Lodgepole Pine	Low Sage	Mixed Chaparral	Montane Chaparral
western spotted skunk	*Spilogale gracilis*	N/A	1.53	0.02	0.00	1.11	2.49	0.11	0.17	3.89	0.03	2.22	12.95
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mountain lion	*Puma concolor*	ST	1.53	0.02	0.00	1.11	2.49	0.11	0.17	3.89	0.03	2.22	12.95
Reptiles													
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	1.11	2.49	0.11	0.17	3.66	0.03	1.68	12.61
Blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	1.53	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	2.22	12.95
northern rubber boa	*Charina bottae*	N/A	0.00	0.02	0.00	0.00	0.00	0.11	0.00	3.89	0.00	0.00	12.95
ring-necked snake	*Diadophis punctatus*	N/A	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.22	0.68
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.22	0.35
gophersnake	*Pituophis catenifer*	N/A	1.53	0.00	0.00	1.11	2.49	0.11	0.17	0.00	0.03	2.22	12.95
California mountain kingsnake	*Lampropeltis zonata*	N/A	1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.22	12.94
common gartersnake	*Thamnophis sirtalis*	N/A	1.53	0.00	0.00	0.00	2.49	0.11	0.17	0.00	0.00	2.22	12.95
Plants													
Indian valley brodiaea	*Brodiaea rosea*	FS & SE	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.68	0.00
siskiyou mariposa lily	*Calochortus persistens*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.68	0.00
Ashland thistle	*Cirsium ciliolatum*	FS & SE	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
trinity buckwheat	*Eriogonum alpinum*	FS & SE	0.00	0.00	3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gentner's fritillary	*Fritillaria gentneri*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.22	0.00
Boggs Lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	1.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender orcutt grass	*Orcuttia tenuis*	FT & SE	1.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
geysers panicum	*Panicum acuminatum var. thermale*	SE	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Greene's tuctoria	*Tuctoria greenei*	FE	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Montane Hardwood	Montane Hardwood-Conifer	Pasture	Perennial Grassland	Ponderosa Pine	Sagebrush	Sierran Mixed Conifer	Urban	Wet Meadow	White Fir
		Total:	0.01	0.13	0.13	1.46	4.53	2.76	65.45	7.29	0.15	15.73
Amphibians												
long-toed salamander	*Ambystoma macrodactylum*	N/A	0.00	0.12	0.00	0.00	0.88	0.00	65.01	0.00	0.00	15.73
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.09	0.00	0.00	2.96	0.00	21.22	0.00	0.00	0.00
Shasta salamander	*Hydromantes shastae*	FS & ST	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.00	0.00
coastal tailed frog	*Ascaphus truei*	N/A	0.00	0.01	0.00	0.00	2.14	0.00	0.00	0.00	0.00	0.00
Oregon spotted frog	*Rana pretiosa*	FT & FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cascades frog	*Rana cascadae*	FS	0.00	0.00	0.00	0.00	0.00	0.00	57.86	0.00	0.13	15.73
foothill yellow-legged frog	*Rana boylii*	FS	0.00	0.10	0.00	0.00	3.01	0.00	42.84	0.00	0.13	6.14
northern leopard frog	*Lithobates pipiens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	9.24	0.00	0.00	2.31
Sierra Nevada yellow-legged frog	*Rana sierrae*	FE & FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00
California red-legged frog	*Rana draytonii*	FT	0.00	0.09	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00
Birds												
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.01	0.13	0.00	1.46	4.53	0.00	65.45	7.29	0.15	15.73
great egret	*Ardea alba*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.58	0.00	0.00
greater white-fronted goose	*Anser albifrons*	N/A	0.00	0.00	0.00	1.46	0.00	0.00	0.00	0.00	0.15	0.00
osprey	*Pandion haliaetus*	FS	0.01	0.13	0.00	1.46	4.53	2.76	65.45	0.00	0.15	15.73
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.01	0.13	0.00	1.46	4.53	2.76	65.45	0.00	0.15	15.73
northern harrier	*Circus cyaneus*	N/A	0.00	0.00	0.00	0.23	0.94	2.56	0.02	3.79	0.02	0.00
northern goshawk	*Accipiter gentilis*	FS	0.01	0.13	0.00	0.00	4.53	2.76	65.45	0.00	0.00	15.73
Swainson's hawk	*Buteo swainsoni*	FS & ST	0.00	0.00	0.07	0.00	0.03	0.23	0.00	1.99	0.00	0.00
golden eagle	*Aquila chrysaetos*	FS	0.01	0.13	0.13	1.46	4.53	2.76	65.45	7.29	0.15	15.73
peregrine falcon	*Falco peregrinus*	FS	0.01	0.13	0.00	1.46	4.53	2.76	65.45	7.29	0.15	15.73
sooty grouse	*Dendragapus fuliginosus*	N/A	0.01	0.13	0.00	1.46	4.53	2.67	65.45	0.00	0.00	15.73
California quail	*Callipepla californica*	N/A	0.01	0.13	0.00	0.96	4.53	2.76	36.26	7.29	0.15	0.00
sandhill crane	*Grus canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00
black tern	*Chlidonias niger*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
burrowing owl	*Athene cunicularia*	FS	0.00	0.00	0.05	0.73	3.82	2.47	0.00	2.35	0.02	0.00
spotted owl	*Strix occidentalis*	N/A	0.00	0.12	0.00	0.00	3.12	0.00	65.10	0.00	0.00	15.73
northern spotted owl	*Strix occidentalis caurina*	FT & ST	0.00	0.00	0.00	0.00	0.05	0.00	0.23	0.00	0.00	0.00
California spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.12	0.00	0.00	3.06	0.00	64.87	0.00	0.00	15.73
great gray owl	*Strix nebulosa*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	60.18	0.00	0.00	15.73
long-eared owl	*Asio otus*	N/A	0.01	0.13	0.13	1.46	4.53	2.76	65.45	0.00	0.15	15.73
short-eared owl	*Asio flammeus*	N/A	0.00	0.01	0.00	0.07	0.08	0.37	0.25	3.92	0.13	0.00
black swift	*Cypseloides niger*	N/A	0.01	0.00	0.00	0.00	0.12	0.00	0.34	0.04	0.00	0.00
Vaux's swift	*Chaetura vauxi*	N/A	0.01	0.13	0.00	1.46	4.53	0.00	65.45	7.29	0.15	15.73
olive-sided flycatcher	*Contopus cooperi*	N/A	0.01	0.13	0.00	0.00	4.53	0.00	65.45	0.00	0.00	15.73
purple martin	*Progne subis*	N/A	0.01	0.04	0.00	1.46	3.67	0.00	46.75	6.31	0.15	15.73
bank swallow	*Riparia riparia*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.30	0.00	0.00
Bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.10	0.00	0.00	1.02	0.00	0.00	5.39	0.00	0.00
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.01	0.03	0.00	0.80	1.03	0.53	0.00	5.63	0.00	0.00
Hutton's vireo	*Vireo huttoni*	N/A	0.00	0.09	0.00	0.00	2.92	0.00	0.85	0.03	0.00	0.00

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Common Name	Species Name	Status	Montane Hardwood	Montane Hardwood-Conifer	Pasture	Perennial Grassland	Ponderosa Pine	Sagebrush	Sierran Mixed Conifer	Urban	Wet Meadow	White Fir
yellow warbler	*Setophaga petechia*	N/A	0.01	0.13	0.00	0.00	4.53	0.00	65.45	7.29	0.00	15.73
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.00	0.27	2.30	0.00	0.00	0.00	0.13	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.01	0.13	0.00	0.00	4.50	2.73	65.43	7.19	0.00	15.73
California towhee	*Pipilo crissalis*	N/A	0.00	0.10	0.00	0.00	0.86	0.00	0.00	0.09	0.00	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	0.00	0.00	0.00	0.07	0.00	0.37	0.00	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.00	0.00	0.13	1.46	0.00	2.76	0.00	0.00	0.15	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.01	0.13	0.00	1.46	4.53	0.00	65.45	7.29	0.15	15.73
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.00	0.00	1.46	0.00	0.00	0.00	7.29	0.15	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.00	0.13	0.96	0.00	0.00	0.00	0.00	0.15	0.00
Mammals												
vagrant shrew	*Sorex vagrans*	N/A	0.01	0.13	0.00	1.46	1.62	0.00	65.42	0.00	0.15	15.73
broad-footed mole	*Scapanus latimanus*	N/A	0.01	0.13	0.13	1.46	4.53	0.00	65.45	0.00	0.15	15.73
Yuma myotis	*Myotis yumanensis*	FS	0.01	0.13	0.13	1.46	4.53	2.76	65.45	7.29	0.15	15.73
long-eared myotis	*Myotis evotis*	FS	0.01	0.13	0.13	1.46	4.53	2.76	65.45	0.00	0.15	15.73
fringed myotis	*Myotis thysanodes*	FS	0.01	0.13	0.13	1.46	4.53	2.76	65.45	7.29	0.00	15.73
small-footed myotis	*Myotis ciliolabrum*	FS	0.01	0.12	0.00	1.39	4.45	2.49	65.23	3.37	0.02	15.73
western red bat	*Lasiurus blossevillii*	N/A	0.00	0.09	0.00	0.00	0.86	0.00	0.85	0.00	0.00	0.00
spotted bat	*Euderma maculatum*	FS	0.00	0.13	0.00	1.46	4.53	2.76	65.45	7.23	0.15	15.73
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.01	0.13	0.13	1.46	4.53	2.76	65.45	7.29	0.15	15.73
pallid bat	*Antrozous pallidus*	FS	0.01	0.13	0.13	1.46	4.53	2.76	65.45	7.29	0.15	15.73
western mastiff bat	*Eumops perotis*	FS	0.01	0.13	0.07	1.35	3.91	0.00	0.00	6.39	0.13	0.00
brush rabbit	*Sylvilagus bachmani*	N/A	0.00	0.09	0.05	0.00	2.96	0.00	21.22	0.00	0.00	0.00
snowshoe hare	*Lepus americanus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	65.19	0.00	0.00	15.73
white-tailed jackrabbit	*Lepus townsendii*	N/A	0.00	0.00	0.00	0.16	0.00	2.33	0.00	0.00	0.02	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	0.01	0.13	0.13	1.46	4.53	2.76	65.45	7.29	0.15	15.73
mountain beaver	*Aplodontia rufa*	N/A	0.01	0.03	0.00	1.39	2.81	0.00	23.51	0.00	0.15	10.32
lodgepole chipmunk	*Tamias speciosus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	41.02	0.00	0.00	15.73
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.01	0.04	0.00	0.00	3.67	0.00	64.60	0.00	0.00	15.73
great basin pocket mouse	*Perognathus parvus*	N/A	0.00	0.00	0.00	0.00	0.33	2.49	0.31	0.00	0.00	0.00
California kangaroo rat	*Dipodomys californicus*	N/A	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.01	0.13	0.13	1.46	4.53	2.76	65.45	7.29	0.15	15.73
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.01	0.00	0.23	1.55	2.60	0.09	0.00	0.15	0.00
California vole	*Microtus californicus*	N/A	0.00	0.00	0.05	0.00	0.86	0.00	0.56	0.06	0.00	0.00
red fox	*Vulpes vulpes*	N/A	0.00	0.01	0.00	1.18	1.38	0.00	63.80	0.00	0.15	15.73
Sierra Nevada red fox	*Vulpes vulpes necator*	FS & ST	0.00	0.01	0.00	1.18	1.38	0.00	63.80	0.00	0.15	15.73
ringtail	*Bassariscus astutus*	N/A	0.01	0.13	0.10	1.46	4.50	2.64	65.43	0.00	0.15	15.73
marten	*Martes caurina*	FS	0.00	0.13	0.10	1.46	4.53	0.00	65.45	0.00	0.15	15.73
fisher	*Pekania pennanti*	FS & ST	0.00	0.13	0.00	0.00	4.53	0.00	65.45	0.00	0.00	15.73
wolverine	*Gulo gulo*	FS & ST	0.00	0.03	0.00	0.37	0.00	0.00	18.39	0.00	0.02	2.31
American badger	*Taxidea taxus*	N/A	0.01	0.13	0.13	1.46	4.53	2.76	65.45	0.00	0.15	15.73

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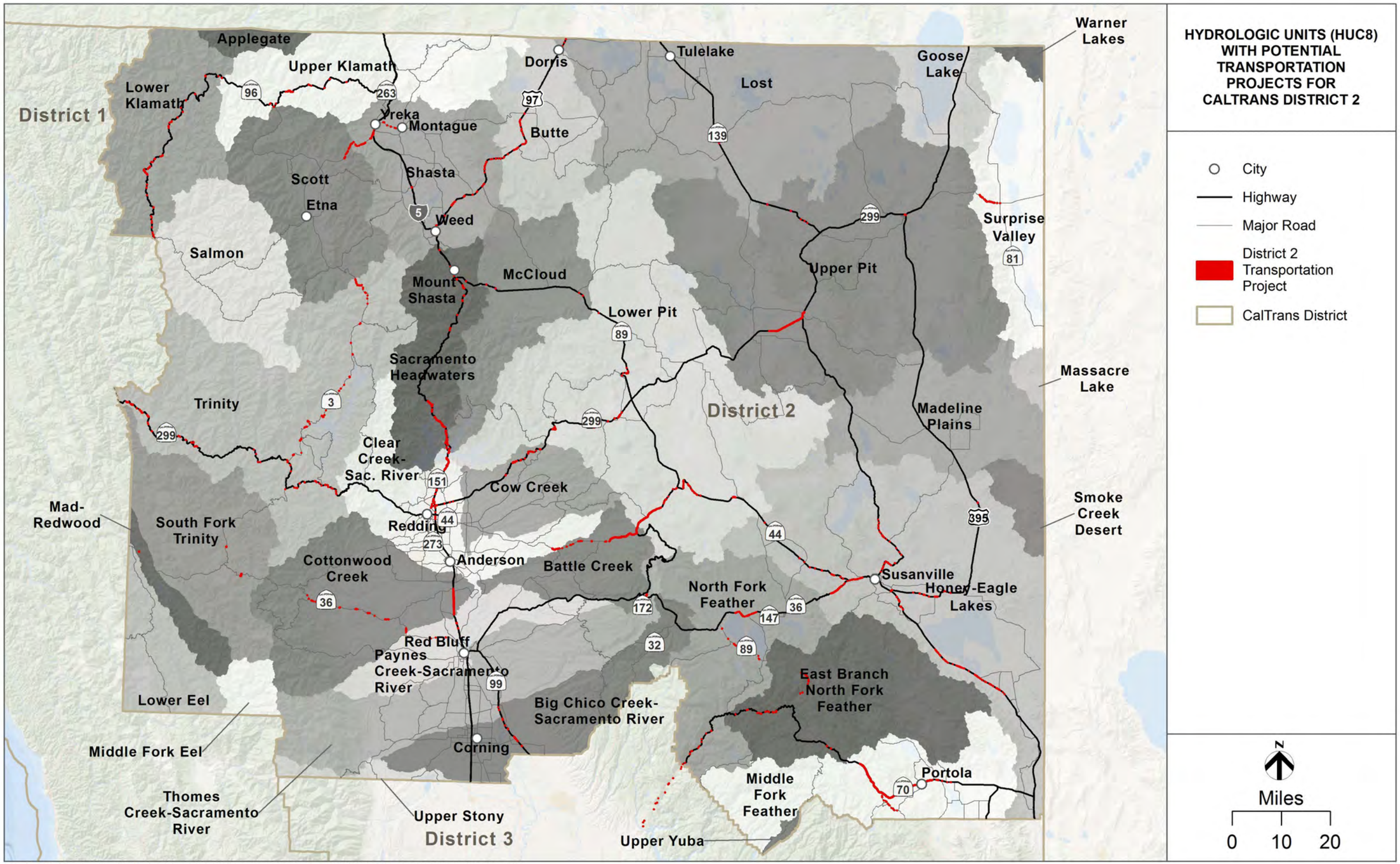
Units are in acres

Common Name	Species Name	Status	Montane Hardwood	Montane Hardwood-Conifer	Pasture	Perennial Grassland	Ponderosa Pine	Sagebrush	Sierran Mixed Conifer	Urban	Wet Meadow	White Fir
western spotted skunk	*Spilogale gracilis*	N/A	0.01	0.13	0.13	1.46	4.53	2.76	65.45	7.29	0.15	15.73
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00
mountain lion	*Puma concolor*	ST	0.01	0.13	0.13	1.46	4.53	2.76	65.45	0.00	0.15	15.73
Reptiles												
common sagebrush lizard	*Sceloporus graciosus*	FS	0.01	0.04	0.00	0.00	2.19	2.76	46.59	0.00	0.00	15.73
Blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.01	0.13	0.13	1.46	4.53	0.00	65.45	0.00	0.00	15.73
northern rubber boa	*Charina bottae*	N/A	0.01	0.13	0.00	0.00	4.53	0.00	65.45	0.00	0.15	15.73
ring-necked snake	*Diadophis punctatus*	N/A	0.01	0.13	0.13	0.27	3.15	0.00	1.85	5.89	0.00	0.00
striped racer	*Coluber lateralis*	N/A	0.00	0.09	0.00	0.00	2.96	0.00	21.22	0.00	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	0.01	0.13	0.13	1.46	4.53	2.76	65.45	7.29	0.15	15.73
California mountain kingsnake	*Lampropeltis zonata*	N/A	0.01	0.13	0.00	0.00	3.86	0.00	65.43	0.00	0.13	15.73
common gartersnake	*Thamnophis sirtalis*	N/A	0.01	0.13	0.13	1.46	4.53	2.76	65.45	0.00	0.15	15.73
Plants												
indian valley brodiaea	*Brodiaea rosea*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
siskiyou mariposa lily	*Calochortus persistens*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ashland thistle	*Cirsium ciliolatum*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
trinity buckwheat	*Eriogonum alpinum*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gentner's fritillary	*Fritillaria gentneri*	FE	0.01	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Boggs Lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00
slender orcutt grass	*Orcuttia tenuis*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
geysers panicum	*Panicum acuminatum var. thermale*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Greene's tuctoria	*Tuctoria greenei*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 2 – Hydrologic Units (HUC-8) with Potential Transportation Projects



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Caltrans District 2 – Watershed Impacts to Waters and Fish Species Summary Table

HUC-8 Name / Common Species Name	Scientific Species Name	Listing Status	Artificial Path	Canal/Ditch	Connector	Inundation Area	Lake/Pond	Pipeline	Stream/River	Swamp/ Marsh	Underground Conduit
Battle Creek			0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00
Steelhead - California Central Valley DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
Big Chico Creek-Sacramento River			0.00	0.09	0.00	0.00	0.00	0.00	0.37	0.00	0.05
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Butte			0.00	0.08	0.00	0.00	0.00	0.00	0.09	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clear Creek-Sacramento River			0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cottonwood Creek			0.00	0.45	0.00	0.00	0.00	0.16	1.58	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cow Creek			0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
East Branch North Fork Feather			0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Honey-Eagle Lakes			0.00	0.12	0.07	0.00	0.00	0.00	0.75	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lost			0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lower Klamath			0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00
Longfin smelt	*Spirinchus thaleichthys*	ST	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00
Pacific eulachon - Southern DPS	*Thaleichthys pacificus*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00
Lower Pit			0.00	0.00	0.00	0.00	0.00	0.07	0.40	0.00	0.02
Rough sculpin	*Cottus asperrimus*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.09	0.40	0.00	0.02
Mad-Redwood			0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00
Coho salmon - Punta Gorda to the N. border of California	*Oncorhynchus kisutch*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00
Longfin smelt	*Spirinchus thaleichthys*	ST	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00
Steelhead - Northern California DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00
McCloud			0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00
Bull trout	*Salvelinus confluentus*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00
Middle Fork Feather			0.01	0.00	0.00	0.00	0.00	0.00	6.21	0.01	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
North Fork Feather			0.00	0.00	0.00	0.09	0.00	0.00	0.57	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sacramento Headwaters			0.00	0.00	0.00	0.00	0.00	0.00	2.12	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Scott			0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Shasta			0.00	0.00	0.00	0.00	0.00	0.08	0.61	0.07	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
South Fork Trinity			0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Surprise Valley			0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thomes Creek-Sacramento River			0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Trinity			0.00	0.00	0.00	0.00	0.20	0.00	1.67	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upper Klamath			0.00	0.00	0.00	0.00	0.00	0.00	1.45	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

HUC-8 Name		Listing Status	Artificial Path	Canal/Ditch	Connector	Inundation Area	Lake/Pond	Pipeline	Stream/River	Swamp/ Marsh	Underground Conduit
Common Species Name	Scientific Species Name										
Upper Pit			0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00
Modoc sucker	*Catostomus microps*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
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Units are in acres

Caltrans District 2 – HUC-8 Watershed Impacts by Wetland Type Summary Table

HUC-8 Name	Depressional Seasonal Natural Shrub-Scrub	Freshwater Emergent Wetland	Freshwater Forested/Shrub Wetland	Freshwater Pond	Lake	Riverine
Battle Creek	0.00	0.01	0.11	0.00	0.00	0.26
Big Chico Creek-Sacramento River	0.00	4.17	0.17	0.00	0.00	0.16
Butte	0.00	0.01	0.00	0.00	0.00	0.04
Clear Creek-Sacramento River	0.00	0.12	0.05	0.00	0.00	0.14
Cottonwood Creek	0.00	0.00	0.00	0.00	0.00	1.08
Cow Creek	0.00	0.00	0.43	0.00	0.00	0.03
East Branch North Fork Feather	0.00	0.01	0.00	0.00	0.00	0.00
Honey-Eagle Lakes	0.00	0.15	0.01	0.00	0.00	0.43
Lower Klamath	0.00	0.00	0.01	0.00	0.00	0.48
Lower Pit	0.00	0.08	0.14	0.00	0.00	0.11
Mad-Redwood	0.00	0.00	0.00	0.00	0.00	0.08
McCloud	0.00	0.00	0.00	0.00	0.00	0.04
Middle Fork Feather	0.00	0.82	0.38	0.00	0.00	0.79
North Fork Feather	0.00	0.34	0.00	0.00	0.00	0.53
Sacramento Headwaters	0.00	0.01	0.11	0.00	0.00	0.68
Scott	0.00	0.01	0.22	0.00	0.00	0.21
Shasta	0.00	0.74	0.09	0.00	0.00	0.35
South Fork Trinity	0.00	0.00	0.00	0.00	0.00	0.08
Surprise Valley	0.00	0.01	0.08	0.00	0.00	0.06
Thomes Creek-Sacramento River	0.00	0.00	0.00	0.00	0.00	0.08
Trinity	0.00	0.00	0.04	0.05	0.42	0.63
Upper Klamath	0.00	0.00	0.14	0.00	0.00	0.59
Upper Pit	0.00	0.27	0.01	0.00	0.00	0.24

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APPENDIX C

District 3

- **Table**: Caltrans District 3 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin
- **Map**: Caltrans District 3 – Ecoregion Sections with Potential Transportation Projects
- **Table**: Caltrans District 3 – Great Valley Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 3 – Northern California Interior Coast Ranges Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 3 – Sierra Nevada Foothills Ecoregion Section Impact by Species Summary Table
- **Map**: Caltrans District 3 – Hydrologic Units (HUC-8) with Potential Transportation Projects
- **Table**: Caltrans District 3 – Watershed Impacts to Waters and Fish Species Summary Table
- **Table**: Caltrans District 3 – HUC-8 Watershed Impacts by Wetland Type Summary Table

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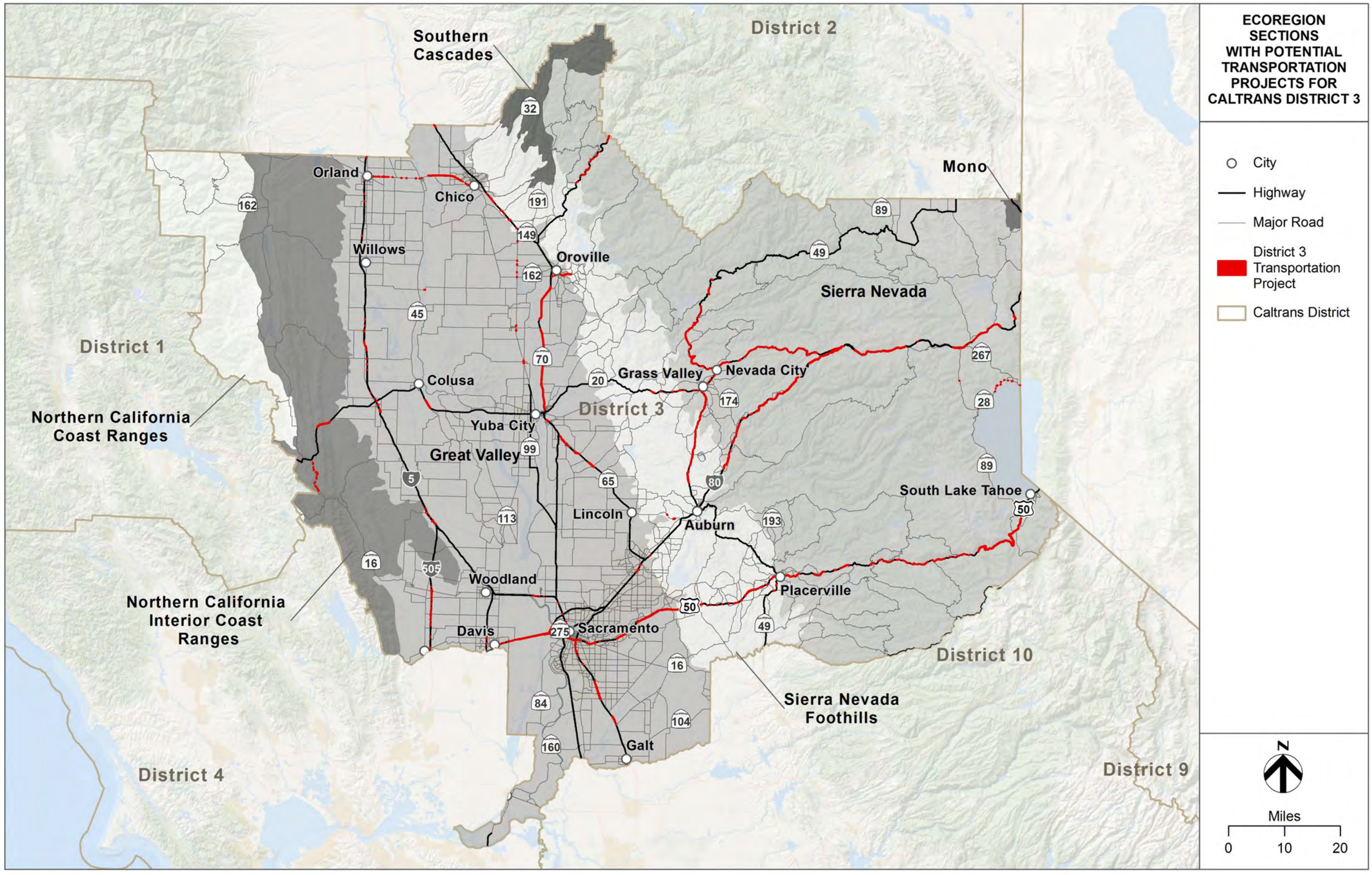
Caltrans District 3 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
9141	Sacramento	99	7.1	9.4	Bridge	2019/20	Great Valley	8.92	Upper Cosumnes	8.30
									Upper Mokelumne	0.95
9220	Placer	80	46.3	R63.5	Bridge	2019/20	Sierra Nevada	5.45	North Fork American	3.36
									Upper Yuba	2.09
9221	Yolo	80	R11.3		Bridge	2019/20	Great Valley	3.10	Lower Sacramento	0.30
									Upper Coon-Upper Auburn	2.82
9247	Butte	99	13.3	45.9	Bridge	2019/20	Great Valley	1.55	Big Chico Creek-Sacramento River	0.97
									Butte Creek	1.93
9258	Glenn	162	76.3	78.6	Bridge	2020/21	Great Valley	1.02	Butte Creek	0.06
									Sacramento-Stone Corral	1.73
9292	Placer	80	31.5	36.9	Drainage	2019/20	Sierra Nevada	4.00	North Fork American	3.27
									Upper Bear	0.74
11321	Glenn	5	R14.6		Roadside	2019/20	Great Valley	0.49	Sacramento-Stone Corral	0.49
11365	Yolo	80	0	4.4	Pavement	2028/29	Great Valley	1.82	Lower Sacramento	1.82
13289	Sacramento	51	2	3.5	Bridge	2021/22	Great Valley	3.24	Lower American	3.18
									Lower Sacramento	0.06
13311	Nevada	80	R58.7L	R60.2	Bridge	2022/23	Sierra Nevada	4.69	Upper Yuba	4.70
13330	El Dorado	49	9	14	Safety - Collision Reduction	2027/28	Sierra Nevada Foothills	1.00	South Fork American	0.82
									Upper Cosumnes	0.37
13604	Colusa	20	34.8	36.5	Safety - Collision Reduction	2021/22	Great Valley	6.51	Sacramento-Stone Corral	6.51
13605	Nevada	20	29.7	30.9	Safety Improvements	2020/21	Sierra Nevada	0.33	Upper Yuba	0.34
13648	Sacramento	50	L0.6	R5.3	Pavement	2019/20	Great Valley	17.60	Lower Sacramento	17.60
13700	El Dorado	50	R2.7	R13.8	Drainage	2021/22	Sierra Nevada Foothills	2.58	South Fork American	3.11
									Upper Cosumnes	0.32
13701	El Dorado	50	R13.7	18.5	Drainage	2021/22	Sierra Nevada Foothills	2.40	South Fork American	2.48
14007	Yuba	70	16.2	25.8	Safety Improvements	2019/20	Great Valley	20.23	Honcut Headwaters-Lower Feather	37.84
15830	Yuba	70	R11.2	13.5	Bridge	2022/23	Great Valley	2.26	Honcut Headwaters-Lower Feather	2.26
15994	El Dorado	50	18.7	21.9	Pavement	2025/26	Sierra Nevada	3.20	South Fork American	3.46
							Sierra Nevada Foothills	0.22		
15996	Nevada	20	R12.2	20	Pavement	2023/24	Sierra Nevada	3.76	Upper Bear	3.09
									Upper Yuba	0.67
16289	Nevada	49	0	7.5	Drainage	2020/21	Sierra Nevada Foothills	2.34	Upper Bear	2.48
									Upper Coon-Upper Auburn	0.14
16293	Butte	99	14.9	15.7	Bridge	2019/20	Great Valley	0.43	Butte Creek	0.96
16336	Yuba	70	14.8	15.7	Pavement	2021/22	Great Valley	5.51	Honcut Headwaters-Lower Feather	6.07
16337	Yuba	65	R0.52	1.77	Pavement	2022/23	Great Valley	4.58	Upper Bear	4.58
16358	Sacramento	50	15.7	23.1	Mobility - TMS	2020/21	Great Valley	46.90	Lower American	65.21
							Sierra Nevada Foothills	32.09	Upper Cosumnes	13.81
16363	Sacramento	5	25.4	34.6	Pavement	2025/26	Great Valley	0.74	Lower American	0.07
									Upper Coon-Upper Auburn	0.72
16364	Nevada	80	0	R2.7L/R	Pavement	2022/23	Sierra Nevada	28.14	Upper Yuba	28.15
16365	Colusa	5	R16.6	R34.4	Pavement	2026/27	Great Valley	3.48	Sacramento-Stone Corral	3.97
16387	Butte	162	15.6	18.4	Pavement	2024/25	Great Valley	2.58	Honcut Headwaters-Lower Feather	2.59
16389	Placer	80	2.8		Mobility - Operational Improvements	2019/20	Great Valley	0.80	Lower American	0.80
16390	Yolo	80	4.3	R11.4	Pavement	2023/24	Great Valley	65.53	Lower Sacramento	66.59
16781	Nevada	20	25.1	25.2	Mobility - Operational Improvements	2020/21	Sierra Nevada	0.72	Upper Bear	0.36
							Sierra Nevada Foothills	0.92	Upper Coon-Upper Auburn	1.11
									Upper Yuba	0.37
16783	Nevada	20	28	32.4	Mobility - Operational Improvements	2020/21	Sierra Nevada	1.12	Upper Yuba	1.13
16784	Nevada	20	36.8	37	Mobility - Operational Improvements	2020/21	Sierra Nevada	0.71	Upper Bear	0.71

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
16915	Butte	99	R3.1	5	Pavement	2023/24	Great Valley	0.55	Butte Creek	0.20
									Honcut Headwaters-Lower Feather	0.39
16916	Nevada	80	13.04	15.5	Pavement	2022/23	Sierra Nevada	21.90	Truckee	21.90
16917	Butte	32	5	10.2L/R	Pavement	2022/23	Great Valley	4.93	Big Chico Creek-Sacramento River	2.32
									Butte Creek	2.64
16926	Glenn	32	0	10.9	Pavement	2025/26	Great Valley	2.63	Big Chico Creek-Sacramento River	0.34
									Sacramento-Stone Corral	2.60
									Upper Stony	0.17
16940	Placer	80	38.3	41.5	Drainage	2020/21	Sierra Nevada	2.70	North Fork American	1.73
									Upper Bear	0.98
16941	Placer	80	28.8	42.7	Drainage	2024/25	Sierra Nevada	4.14	North Fork American	3.41
									Upper Bear	0.73
16953	Sacramento	5	23.6	24.3	Bridge	2026/27	Great Valley	2.41	Lower Sacramento	2.41
17116	Sacramento	50	R7.7	R9.5	Mobility - Operational Improvements	2020/21	Great Valley	13.22	Lower American	9.13
									Lower Sacramento	4.09
17216	Placer	49	2.2	2.4	Safety Improvements	2019/20	Sierra Nevada Foothills	1.33	North Fork American	1.41
17714	Butte	32	7.6	7.9	Safety Improvements	2019/20	Great Valley	3.21	Big Chico Creek-Sacramento River	3.21
17716	Butte	162	18.4	19.9	Safety Improvements	2019/20	Great Valley	4.00	Honcut Headwaters-Lower Feather	5.67
							Sierra Nevada Foothills	1.14		
17717	Colusa	20	9.3	12.4	Safety Improvements	2023/24	Northern California Interior Coast Ranges	9.79	Sacramento-Stone Corral	9.79
17718	Nevada	20	37.1	39.8	Safety Improvements	2020/21	Sierra Nevada	1.40	Upper Bear	1.41
17729	Nevada	49	10.8	R13.3	Safety - Collision Reduction	2025/26	Sierra Nevada	13.26	Upper Bear	13.27
18010	Sutter	99	40	40.5	Safety Improvements	2019/20	Great Valley	5.79	Honcut Headwaters-Lower Feather	5.79
18156	Sacramento	50	R0.3	R0.8	Mobility - Operational Improvements	2028/29	Great Valley	3.75	Lower Sacramento	3.75
18420	El Dorado	50	58	75.5	Pavement	2027/28	Sierra Nevada	127.63	Lake Tahoe	64.07
									South Fork American	63.78
18428	Placer	80	R26.5	28.8	Pavement	2022/23	Sierra Nevada	45.30	North Fork American	17.67
									Upper Bear	27.65
18435	Placer	80	42.7	49.3R	Pavement	2022/23	Sierra Nevada	29.64	North Fork American	29.70
18436	Placer	80	R64.2	R66.3	Pavement	2028/29	Sierra Nevada	10.13	Upper Yuba	10.18
18437	Placer	80	R58.2	R58.712	Pavement	2027/28	Sierra Nevada	9.32	North Fork American	2.05
									Upper Yuba	7.27
19413	Nevada	80	27.6	28.5	Bridge	2026/27	Sierra Nevada	5.84	Truckee	5.84
19757	Sacramento	99	12.7	16	Mobility - Operational Improvements	2022/23	Great Valley	22.03	Lower Sacramento	22.03
19807	Sacramento	5	22.1	26.7	Bridge	2021/22	Great Valley	7.35	Lower American	5.59
									Lower Sacramento	0.97
									Upper Coon-Upper Auburn	0.79
20055	Nevada	49	1.5	2.6	Safety Improvements	2019/20	Sierra Nevada Foothills	5.04	Upper Bear	5.75
20399	Sacramento	99	21.5	R24.285	Pavement	2025/26	Great Valley	2.69	Lower Sacramento	2.69
20401	El Dorado	50	4.9	R14.0	Pavement	2026/27	Sierra Nevada Foothills	4.45	South Fork American	4.80
									Upper Cosumnes	0.76
20491	Placer	28	0.085	11	Pavement	2022/23	Sierra Nevada	1.77	Lake Tahoe	1.83
20496	Butte	70	34.5	48.076	Pavement	2025/26	Sierra Nevada	1.98	North Fork Feather	2.31
							Sierra Nevada Foothills	0.33		
20498	Colusa	20	30.4	31.9	Pavement	2024/25	Great Valley	0.53	Sacramento-Stone Corral	0.53
20534	Nevada	49	15	R32.61	Pavement	2028/29	Sierra Nevada	9.09	Upper Yuba	9.21
20554	Colusa	16	0	7.25	Pavement	2028/29	Northern California Interior Coast Ranges	1.76	Upper Cache	1.77
20566	Placer	80	0	7.1	Drainage	2027/28	Great Valley	0.25	Lower American	0.42
							Sierra Nevada Foothills	0.14		
20567	Placer	80	49.3	68.5	Drainage	2024/25	Sierra Nevada	12.75	North Fork American	8.15
									Upper Bear	0.34
									Upper Yuba	4.33
20679	Butte	70	8.8	12.1	Safety Improvements	2019/20	Great Valley	4.27	Honcut Headwaters-Lower Feather	13.73

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
20683	Butte	70	5.6	8.8	Safety Improvements	2019/20	Great Valley	5.51	Honcut Headwaters-Lower Feather	12.25
20723	Butte	70	0	3.8	Safety Improvements	2021/22	Great Valley	12.88	Honcut Headwaters-Lower Feather	15.12
20843	Butte	99	22.6	R30.3	Pavement	2027/28	Great Valley	1.33	Butte Creek	2.15
							Sierra Nevada Foothills	0.81		
20878	El Dorado	50	R28.5	R29.1	Bridge	2019/20	Sierra Nevada	1.11	South Fork American	1.11
20879	Sacramento	99	21.9	23.6	Bridge	2019/20	Great Valley	0.97	Lower Sacramento	0.97
21145	El Dorado	50	75.4	80.44	Pavement	2024/25	Sierra Nevada	4.67	South Fork American	4.79
21162	Placer	49	R8.7	R10.6	Safety Improvements	2021/22	Sierra Nevada Foothills	19.49	Upper Coon-Upper Auburn	19.49
21263	Yolo	505	0	R22.3	Drainage	2026/27	Great Valley	2.37	Lower Sacramento	4.79
									Upper Cache	0.12
21266	Glenn	5	R20.0	R28.8	Pavement	2025/26	Great Valley	1.02	Big Chico Creek-Sacramento River	0.12
									Sacramento-Stone Corral	1.00
21267	Yolo	5	R22.8	27	Pavement	2028/29	Great Valley	1.10	Sacramento-Stone Corral	1.14
21272	Yuba	49	R0.0	9.3	Drainage	2027/28	Sierra Nevada	1.58	Upper Yuba	1.59
21276	Nevada	80	15.5	23.4	Pavement	2026/27	Sierra Nevada	5.66	Truckee	5.72
21278	Nevada	80	R2.7	13.1	Pavement	2026/27	Sierra Nevada	0.15	Upper Yuba	0.15
21328	El Dorado	50	18.5	22.5	Drainage	2019/20	Sierra Nevada Foothills	0.44	South Fork American	0.44
21443	Butte	32	0.3	5	Safety Improvements	2021/22	Great Valley	3.69	Big Chico Creek-Sacramento River	17.03
21931	El Dorado	50	35.2	58.7	Pavement	2024/25	Sierra Nevada	6.26	South Fork American	6.41
21932	Nevada	20	20	46.119	Pavement	2024/25	Sierra Nevada	7.06	Upper Bear	2.58
									Upper Yuba	4.51
21941	Placer	89	13.09	21.667	Pavement	2024/25	Sierra Nevada	0.19	Truckee	0.19
21943	Yuba	65	4	R9.38	Pavement	2025/26	Great Valley	4.09	Honcut Headwaters-Lower Feather	3.37
									Upper Bear	0.86
21961	Nevada	20	0	R12.2	Pavement	2027/28	Sierra Nevada	0.63	Upper Bear	0.32
							Sierra Nevada Foothills	0.96	Upper Yuba	1.40
21965	El Dorado	50	28.8	39.7	Drainage	2028/29	Sierra Nevada	3.53	South Fork American	3.57
21966	Nevada	49	0	R14.48	Pavement	2028/29	Sierra Nevada	4.19	Upper Bear	7.01
							Sierra Nevada Foothills	2.53		
21969	Yolo	128	9.81	9.81	Bridge	2026/27	Great Valley	0.78	Lower Sacramento	0.78
21983	Sacramento	99	23.309	23.309	Safety Improvements	2020/21	Great Valley	4.26	Lower Sacramento	4.26

Caltrans District 3 – Ecoregion Sections with Potential Transportation Projects



Caltrans District 3 – Great Valley Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grassland	Barren	Blue Oak-Foothill Pine	Coastal Scrub	Eucalyptus	Fresh Emergent Wetland	Montane Hardwood	Riverine	Urban	Valley Foothill Riparian
		Total:	26.44	0.35	0.07	0.16	0.94	1.46	1.75	3.18	270.18	8.39
Amphibians												
California tiger salamander	*Ambystoma californiense*	FE & FT & ST	14.83	0.00	0.07	0.00	0.94	0.00	0.00	0.00	0.00	3.17
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.00	0.00	0.07	0.00	0.21	0.00	0.00	0.00
western spadefoot	*Spea hammondii*	FS	26.44	0.00	0.07	0.16	0.94	1.46	0.00	3.18	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California red-legged frog	*Rana draytonii*	FT	5.36	0.00	0.00	0.00	0.00	0.09	0.80	0.34	0.00	2.22
Birds												
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.31	0.00	0.00	0.00	0.00	0.00	3.11	0.00	0.00
least bittern	*Ixobrychus exilis*	N/A	0.00	0.00	0.00	0.00	0.00	1.36	0.00	2.37	0.00	0.00
great blue heron	*Ardea herodias*	N/A	26.44	0.00	0.07	0.16	0.94	1.46	1.75	3.18	270.18	8.39
great egret	*Ardea alba*	N/A	26.44	0.00	0.07	0.00	0.94	1.46	0.00	3.18	270.18	8.39
greater white-fronted goose	*Anser albifrons*	N/A	26.44	0.00	0.00	0.00	0.00	1.46	0.00	3.18	0.00	0.00
redhead	*Aythya americana*	N/A	0.00	0.00	0.00	0.00	0.00	1.36	0.00	3.11	0.00	0.00
osprey	*Pandion haliaetus*	FS	21.99	0.35	0.07	0.00	0.82	0.09	1.75	3.18	0.00	8.39
white-tailed kite	*Elanus leucurus*	FS	26.44	0.35	0.07	0.16	0.94	1.46	0.00	0.00	270.18	8.39
bald eagle	*Haliaeetus leucocephalus*	FS & SE	26.44	0.35	0.07	0.16	0.94	1.46	1.75	3.18	0.00	8.39
northern harrier	*Circus cyaneus*	N/A	26.44	0.35	0.07	0.16	0.94	1.46	1.75	3.18	270.18	8.39
Swainson's hawk	*Buteo swainsoni*	FS & ST	26.44	0.35	0.07	0.00	0.94	0.00	1.75	0.00	270.18	8.39
golden eagle	*Aquila chrysaetos*	FS	26.44	0.35	0.07	0.16	0.94	1.46	1.75	0.00	270.18	8.39
peregrine falcon	*Falco peregrinus*	FS	26.44	0.35	0.07	0.16	0.94	1.46	1.75	3.18	270.18	8.39
California quail	*Callipepla californica*	N/A	26.44	0.00	0.07	0.16	0.94	0.00	1.75	0.00	270.18	8.39
sandhill crane	*Grus canadensis*	N/A	25.79	0.00	0.00	0.00	0.00	1.46	0.00	0.00	0.00	8.39
lesser sandhill crane	*Grus canadensis canadensis*	N/A	1.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28
mountain plover	*Charadrius montanus*	FS	14.44	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black tern	*Chlidonias niger*	N/A	0.00	0.00	0.00	0.00	0.00	1.46	0.00	0.00	0.00	0.00
yellow-billed cuckoo	*Coccyzus americanus*	FT & FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94
burrowing owl	*Athene cunicularia*	FS	26.44	0.35	0.07	0.16	0.94	0.00	0.00	0.00	270.18	8.39
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	0.00
California spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	0.00
long-eared owl	*Asio otus*	N/A	16.02	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	4.13
short-eared owl	*Asio flammeus*	N/A	26.44	0.00	0.07	0.16	0.94	1.46	0.00	0.00	270.18	8.39
purple martin	*Progne subis*	N/A	8.98	0.00	0.00	0.00	0.00	0.00	0.00	2.70	180.41	1.67
bank swallow	*Riparia riparia*	FS & ST	10.19	0.00	0.00	0.16	0.00	1.46	0.00	2.74	232.86	5.16
Bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.07	0.16	0.94	0.00	1.75	0.00	270.18	8.39
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	1.46	0.00	0.00	0.00	8.39
loggerhead shrike	*Lanius ludovicianus*	N/A	26.44	0.35	0.07	0.16	0.94	0.00	1.75	0.00	270.18	8.39
Hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.07	0.16	0.94	0.00	1.75	0.00	270.18	6.30
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	150.64	0.94
common yellowthroat	*Geothlypis trichas*	N/A	26.44	0.00	0.00	0.00	0.94	1.46	0.00	0.00	0.00	8.39
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.78
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.07	0.16	0.94	0.00	1.75	0.00	270.18	8.39
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.07	0.16	0.94	0.00	1.75	0.00	270.18	8.39
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	26.44	0.00	0.07	0.16	0.94	0.00	0.00	0.00	0.00	8.39
grasshopper sparrow	*Ammodramus savannarum*	N/A	26.44	0.00	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	26.44	0.00	0.07	0.16	0.94	1.46	1.75	3.18	270.18	8.39
Modesto song sparrow	*Melospiza melodia mailliardi*	N/A	24.10	0.00	0.07	0.16	0.94	1.36	1.75	3.11	255.56	7.29
red-winged blackbird	*Agelaius phoeniceus*	N/A	26.44	0.00	0.00	0.16	0.94	1.46	0.00	0.00	270.18	8.39

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N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Annual Grassland	Barren	Blue Oak-Foothill Pine	Coastal Scrub	Eucalyptus	Fresh Emergent Wetland	Montane Hardwood	Riverine	Urban	Valley Foothill Riparian
tricolored blackbird	*Agelaius tricolor*	FS & ST	26.44	0.00	0.00	0.00	0.94	1.46	0.00	0.00	270.18	8.39
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	26.44	0.00	0.00	0.00	0.00	1.46	0.00	0.00	0.00	0.00
Mammals												
ornate shrew	*Sorex ornatus*	N/A	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
broad-footed mole	*Scapanus latimanus*	N/A	10.63	0.00	0.07	0.16	0.89	0.00	1.75	0.00	0.00	7.83
Yuma myotis	*Myotis yumanensis*	FS	26.44	0.00	0.07	0.16	0.94	1.46	1.75	3.18	270.18	8.39
small-footed myotis	*Myotis ciliolabrum*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.79	0.00
western red bat	*Lasiurus blossevillii*	N/A	26.44	0.00	0.07	0.16	0.94	1.46	1.75	3.18	270.18	8.39
spotted bat	*Euderma maculatum*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.57	0.00
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	26.44	0.35	0.07	0.16	0.94	0.00	1.75	3.18	270.18	8.39
pallid bat	*Antrozous pallidus*	FS	26.44	0.35	0.07	0.16	0.94	0.00	1.75	3.18	270.18	8.39
western mastiff bat	*Eumops perotis*	FS	4.92	0.06	0.07	0.00	0.00	0.09	1.75	0.00	200.63	3.49
brush rabbit	*Sylvilagus bachmani*	N/A	3.02	0.00	0.00	0.00	0.00	0.00	0.21	0.00	157.42	0.82
black-tailed jackrabbit	*Lepus californicus*	N/A	26.44	0.00	0.07	0.16	0.94	0.00	1.75	0.00	270.18	8.39
San Joaquin pocket mouse	*Perognathus inornatus*	FS	20.54	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California kangaroo rat	*Dipodomys californicus*	N/A	3.31	0.00	0.00	0.00	0.07	0.00	0.21	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	26.44	0.35	0.07	0.16	0.94	1.46	1.75	0.00	270.18	8.39
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	0.00	0.00	0.07	0.00	0.21	0.00	0.00	0.00
California vole	*Microtus californicus*	N/A	26.44	0.00	0.07	0.16	0.94	1.46	1.75	0.00	270.18	8.39
red fox	*Vulpes vulpes*	N/A	26.44	0.35	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00
Sacramento valley red fox	*Vulpes vulpes patwin*	N/A	26.44	0.35	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	26.44	0.35	0.07	0.16	0.94	0.00	1.75	0.00	0.00	8.39
American badger	*Taxidea taxus*	N/A	26.44	0.35	0.07	0.16	0.94	0.00	1.75	0.00	0.00	8.39
western spotted skunk	*Spilogale gracilis*	N/A	26.44	0.00	0.07	0.16	0.94	0.00	1.75	0.00	270.18	8.39
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.09	0.00	3.18	0.00	8.27
mountain lion	*Puma concolor*	ST	0.40	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00
Reptiles												
Blainville's horned lizard	*Phrynosoma blainvillii*	FS	26.44	0.00	0.07	0.16	0.94	0.00	0.00	0.00	0.00	8.39
western skink	*Plestiodon skiltonianus*	N/A	0.43	0.00	0.00	0.00	0.07	0.00	0.21	0.00	0.00	0.00
ring-necked snake	*Diadophis punctatus*	N/A	8.40	0.00	0.07	0.16	0.13	0.00	1.75	0.00	220.52	3.64
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	26.44	0.00	0.07	0.16	0.94	1.46	1.75	0.00	270.18	8.39
California mountain kingsnake	*Lampropeltis zonata*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	26.44	0.00	0.07	0.16	0.94	1.46	1.75	0.00	0.00	8.39
giant gartersnake	*Thamnophis gigas*	FT & ST	24.61	0.00	0.00	0.00	0.00	1.36	0.00	3.16	0.00	7.57
Invertebrates												
conservancy fairy shrimp	*Branchinecta conservatio*	FE	1.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vernal pool fairy shrimp	*Branchinecta lynchi*	FT	10.27	0.00	0.00	0.00	0.00	1.36	0.00	0.00	0.00	0.00
valley elderberry longhorn beetle	*Desmocerus californicus dimorphus*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.88
vernal pool tadpole shrimp	*Lepidurus packardi*	FE	14.58	0.00	0.00	0.00	0.00	1.36	0.00	0.00	0.00	0.00
Plants												
ione manzanita	*Arctostaphylos myrtifolia*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	0.00
Clara hunt's milk-vetch	*Astragalus claranus*	FE & ST	26.40	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00	0.00
Chinese camp brodiaea	*Brodiaea pallida*	FT & SE	0.33	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	0.00
Stebbins' morning-glory	*Calystegia stebbinsii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	0.00
succulent owl's-clover	*Castilleja campestris var. succulenta*	FT & SE	26.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pine hill ceanothus	*Ceanothus roderickii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	0.00
palmate-bracted bird's-beak	*Chloropyron palmatum*	FE & SE	26.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hoover's spurge	*Euphorbia hooveri*	FT	26.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pine hill flannelbush	*Fremontodendron decumbens*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Annual Grassland	Barren	Blue Oak-Foothill Pine	Coastal Scrub	Eucalyptus	Fresh Emergent Wetland	Montane Hardwood	Riverine	Urban	Valley Foothill Riparian
el dorado bedstraw	*Galium californicum ssp. sierrae*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	0.00
Boggs Lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	26.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	26.40	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00	0.00
butte county meadowfoam	*Limnanthes floccosa ssp. californica*	FE & SE	26.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
colusa grass	*Neostapfia colusana*	FT & SE	26.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hairy orcutt grass	*Orcuttia pilosa*	FE & SE	26.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender orcutt grass	*Orcuttia tenuis*	FT & SE	26.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sacramento orcutt grass	*Orcuttia viscida*	FE & SE	26.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Layne's ragwort	*Packera layneae*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	0.00
Greene's tuctoria	*Tuctoria greenei*	FE	26.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crampton's tuctoria or solano grass	*Tuctoria mucronata*	FE & SE	26.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 3 – Northern California Interior Coast Ranges Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grassland	Blue Oak Woodland	Blue Oak-Foothill Pine	Montane Hardwood	Montane Riparian	Valley Foothill Riparian	Valley Oak Woodland
		Total:	5.84	3.57	1.14	0.45	0.07	0.21	0.27
Amphibians									
California newt	*Taricha torosa*	N/A	5.16	1.78	0.08	0.00	0.07	0.21	0.27
ensatina	*Ensatina eschscholtzii*	N/A	0.00	3.57	1.14	0.45	0.07	0.21	0.27
western spadefoot	*Spea hammondii*	FS	5.34	2.99	1.06	0.00	0.00	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	2.83	0.57	0.08	0.05	0.07	0.21	0.27
California red-legged frog	*Rana draytonii*	FT	5.84	3.57	1.14	0.45	0.07	0.21	0.27
Birds									
great blue heron	*Ardea herodias*	N/A	5.84	3.57	1.14	0.45	0.07	0.21	0.27
great egret	*Ardea alba*	N/A	5.84	3.57	1.14	0.00	0.07	0.21	0.27
osprey	*Pandion haliaetus*	FS	5.84	3.57	1.14	0.45	0.07	0.21	0.27
white-tailed kite	*Elanus leucurus*	FS	5.84	3.57	1.14	0.00	0.00	0.21	0.27
bald eagle	*Haliaeetus leucocephalus*	FS & SE	5.84	3.57	1.14	0.45	0.07	0.21	0.27
northern harrier	*Circus cyaneus*	N/A	5.84	3.57	1.14	0.45	0.07	0.21	0.27
Swainson's hawk	*Buteo swainsoni*	FS & ST	3.63	0.00	0.00	0.00	0.00	0.00	0.00
golden eagle	*Aquila chrysaetos*	FS	5.84	3.57	1.14	0.45	0.07	0.21	0.27
peregrine falcon	*Falco peregrinus*	FS	5.84	3.57	1.14	0.45	0.07	0.21	0.27
California quail	*Callipepla californica*	N/A	5.84	3.57	1.14	0.45	0.07	0.21	0.27
burrowing owl	*Athene cunicularia*	FS	5.84	3.57	1.14	0.00	0.00	0.21	0.27
short-eared owl	*Asio flammeus*	N/A	2.83	0.57	0.08	0.00	0.07	0.21	0.16
Bewick's wren	*Thryomanes bewickii*	N/A	0.00	3.57	1.14	0.45	0.07	0.21	0.27
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.07	0.21	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	5.84	3.57	1.14	0.45	0.07	0.21	0.27
Hutton's vireo	*Vireo huttoni*	N/A	0.00	3.57	1.14	0.45	0.07	0.21	0.27
common yellowthroat	*Geothlypis trichas*	N/A	5.84	0.00	0.00	0.00	0.07	0.21	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	3.57	1.14	0.45	0.07	0.21	0.27
California towhee	*Pipilo crissalis*	N/A	0.00	3.57	1.14	0.45	0.07	0.21	0.27
savannah sparrow	*Passerculus sandwichensis*	N/A	5.84	3.57	1.14	0.00	0.00	0.21	0.27
grasshopper sparrow	*Ammodramus savannarum*	N/A	5.84	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	5.84	3.57	1.14	0.45	0.07	0.21	0.27
red-winged blackbird	*Agelaius phoeniceus*	N/A	5.84	0.00	0.00	0.00	0.07	0.21	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	5.84	0.00	0.00	0.00	0.00	0.21	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	3.63	0.00	0.00	0.00	0.00	0.00	0.00
Mammals									
ornate shrew	*Sorex ornatus*	N/A	0.50	0.57	0.08	0.00	0.07	0.21	0.27
broad-footed mole	*Scapanus latimanus*	N/A	5.84	3.57	1.14	0.45	0.07	0.21	0.27
Yuma myotis	*Myotis yumanensis*	FS	5.84	3.57	1.14	0.45	0.07	0.21	0.27
long-eared myotis	*Myotis evotis*	FS	0.00	3.57	1.14	0.45	0.07	0.21	0.27
fringed myotis	*Myotis thysanodes*	FS	1.53	0.94	0.08	0.05	0.07	0.21	0.27
western red bat	*Lasiurus blossevillii*	N/A	5.84	3.57	1.14	0.45	0.07	0.21	0.27
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	5.84	3.57	1.14	0.45	0.07	0.21	0.27
pallid bat	*Antrozous pallidus*	FS	5.84	3.57	1.14	0.45	0.07	0.21	0.27
brush rabbit	*Sylvilagus bachmani*	N/A	5.84	3.57	1.14	0.45	0.07	0.21	0.27
black-tailed jackrabbit	*Lepus californicus*	N/A	5.84	3.57	1.14	0.45	0.07	0.21	0.27
San Joaquin pocket mouse	*Perognathus inornatus*	FS	5.84	3.57	0.00	0.00	0.00	0.00	0.27
California kangaroo rat	*Dipodomys californicus*	N/A	5.84	3.57	1.14	0.45	0.00	0.00	0.27
deer mouse	*Peromyscus maniculatus*	N/A	5.84	3.57	1.14	0.45	0.07	0.21	0.27
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	3.57	1.14	0.45	0.07	0.21	0.27
California vole	*Microtus californicus*	N/A	5.84	3.57	1.14	0.45	0.07	0.21	0.27
red fox	*Vulpes vulpes*	N/A	3.63	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Annual Grassland	Blue Oak Woodland	Blue Oak-Foothill Pine	Montane Hardwood	Montane Riparian	Valley Foothill Riparian	Valley Oak Woodland
Sacramento valley red fox	*Vulpes vulpes patwin*	N/A	3.63	0.00	0.00	0.00	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	5.84	3.57	1.14	0.45	0.07	0.21	0.27
American badger	*Taxidea taxus*	N/A	5.84	3.57	1.14	0.45	0.07	0.21	0.27
western spotted skunk	*Spilogale gracilis*	N/A	5.84	3.57	1.14	0.45	0.07	0.21	0.27
mountain lion	*Puma concolor*	ST	5.84	3.57	1.14	0.45	0.07	0.21	0.27
Reptiles									
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.45	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	5.84	3.57	1.14	0.45	0.07	0.21	0.27
ring-necked snake	*Diadophis punctatus*	N/A	5.84	3.57	1.14	0.45	0.07	0.21	0.27
striped racer	*Coluber lateralis*	N/A	0.00	3.57	1.14	0.45	0.07	0.21	0.27
gophersnake	*Pituophis catenifer*	N/A	5.84	3.57	1.14	0.45	0.07	0.21	0.27
common gartersnake	*Thamnophis sirtalis*	N/A	5.84	3.57	1.14	0.45	0.07	0.21	0.27
giant gartersnake	*Thamnophis gigas*	FT & ST	3.63	0.00	0.00	0.00	0.00	0.00	0.00
Invertebrates									
valley elderberry longhorn beetle	*Desmocerus californicus dimorphus*	FT	0.00	0.00	0.00	0.00	0.03	0.21	0.00
Plants									
Clara Hunt's milk-vetch	*Astragalus claranus*	FE & ST	5.84	0.00	0.00	0.45	0.00	0.00	0.00
Indian Valley brodiaea	*Brodiaea rosea*	FS & SE	5.84	0.00	0.00	0.45	0.00	0.00	0.00
tiburon paintbrush	*Castilleja affinis var. neglecta*	FE & ST	5.84	0.00	0.00	0.00	0.00	0.00	0.00
succulent owl's-clover	*Castilleja campestris var. succulenta*	FT & SE	3.63	0.00	0.00	0.00	0.00	0.00	0.00
palmate-bracted bird's-beak	*Chloropyron palmatum*	FE & SE	3.63	0.00	0.00	0.00	0.00	0.00	0.00
loch lomond button-celery	*Eryngium constancei*	FE & SE	5.84	0.00	0.00	0.00	0.00	0.00	0.00
Hoover's spurge	*Euphorbia hooveri*	FT	3.63	0.00	0.00	0.00	0.00	0.00	0.00
Roderick's fritillary	*Fritillaria roderickii*	SE	5.84	0.00	0.00	0.00	0.00	0.00	0.00
Boggs Lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	5.84	0.00	0.00	0.00	0.00	0.00	0.00
lake county western flax	*Hesperolinon didymocarpum*	FS & SE	5.84	0.00	0.00	0.45	0.00	0.00	0.00
burke's goldfields	*Lasthenia burkei*	FE & SE	5.84	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	3.63	0.00	0.00	0.00	0.00	0.00	0.00
butte county meadowfoam	*Limnanthes floccosa ssp. californica*	FE & SE	3.63	0.00	0.00	0.00	0.00	0.00	0.00
few-flowered navarretia	*Navarretia leucocephala ssp. pauciflora*	FE & ST	5.84	0.00	0.00	0.00	0.00	0.00	0.00
many-flowered navarretia	*Navarretia leucocephala ssp. plieantha*	FE & SE	5.84	0.00	0.00	0.00	0.00	0.00	0.00
colusa grass	*Neostapfia colusana*	FT & SE	3.63	0.00	0.00	0.00	0.00	0.00	0.00
hairy orcutt grass	*Orcuttia pilosa*	FE & SE	3.63	0.00	0.00	0.00	0.00	0.00	0.00
slender orcutt grass	*Orcuttia tenuis*	FT & SE	5.84	0.00	0.00	0.00	0.00	0.00	0.00
Sacramento orcutt grass	*Orcuttia viscida*	FE & SE	3.63	0.00	0.00	0.00	0.00	0.00	0.00
geysers panicum	*Panicum acuminatum var. thermale*	SE	5.84	0.00	0.00	0.00	0.07	0.00	0.00
Calistoga popcornflower	*Plagiobothrys strictus*	FE & ST	5.84	0.00	0.00	0.00	0.00	0.00	0.00
lake county stonecrop	*Sedella leiocarpa*	FE & SE	5.84	0.00	0.00	0.45	0.00	0.00	0.00
Keck's checkerbloom	*Sidalcea keckii*	FE	5.84	0.00	0.00	0.45	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	5.84	0.00	0.00	0.00	0.00	0.00	0.00
Greene's tuctoria	*Tuctoria greenei*	FE	3.63	0.00	0.00	0.00	0.00	0.00	0.00
Crampton's tuctoria or solano grass	*Tuctoria mucronata*	FE & SE	3.63	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 3 – Sierra Nevada Foothills Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grassland	Blue Oak Woodland	Mixed Chaparral	Montane Chaparral	Montane Hardwood	Pasture	Urban	Valley Foothill Riparian	Valley Oak Woodland
		Total:	14.21	2.23	0.24	0.03	3.09	3.35	49.11	3.59	2.36
Amphibians											
ensatina	*Ensatina eschscholtzii*	N/A	0.00	2.23	0.24	0.03	3.09	0.00	0.00	3.59	2.36
western spadefoot	*Spea hammondii*	FS	2.36	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.14
foothill yellow-legged frog	*Rana boylii*	FS	12.92	1.84	0.24	0.03	3.05	0.00	0.00	3.56	2.36
Sierra Nevada yellow-legged frog	*Rana sierrae*	FE & FS & ST	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
California red-legged frog	*Rana draytonii*	FT	14.21	2.23	0.24	0.00	3.09	0.00	0.00	3.59	2.36
Birds											
great blue heron	*Ardea herodias*	N/A	14.21	2.23	0.00	0.00	3.09	0.00	49.11	3.59	2.36
great egret	*Ardea alba*	N/A	14.21	2.23	0.00	0.00	0.00	0.00	49.11	3.59	2.36
greater white-fronted goose	*Anser albifrons*	N/A	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	14.21	2.23	0.24	0.03	3.09	0.00	0.00	3.59	2.36
white-tailed kite	*Elanus leucurus*	FS	14.21	2.23	0.24	0.00	0.00	0.00	49.11	3.59	2.36
bald eagle	*Haliaeetus leucocephalus*	FS & SE	14.21	2.23	0.24	0.03	3.09	0.00	0.00	3.59	2.36
northern harrier	*Circus cyaneus*	N/A	14.21	2.23	0.24	0.03	3.09	0.00	49.11	3.59	2.36
northern goshawk	*Accipiter gentilis*	FS	0.00	0.26	0.00	0.03	0.72	0.00	0.00	0.29	0.16
Swainson's hawk	*Buteo swainsoni*	FS & ST	1.58	0.39	0.00	0.00	0.04	0.00	31.88	0.00	0.00
golden eagle	*Aquila chrysaetos*	FS	14.21	2.23	0.24	0.03	3.09	3.35	49.11	3.59	2.36
peregrine falcon	*Falco peregrinus*	FS	14.21	2.23	0.24	0.03	3.09	0.00	49.11	3.59	2.36
California quail	*Callipepla californica*	N/A	14.21	2.23	0.24	0.03	3.09	0.00	49.11	3.59	2.36
sandhill crane	*Grus canadensis*	N/A	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lesser sandhill crane	*Grus canadensis canadensis*	N/A	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	14.21	2.23	0.24	0.03	0.00	3.35	49.11	3.59	2.36
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.00	3.09	0.00	0.00	3.37	0.00
California spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.00	0.00	0.00	3.09	0.00	0.00	3.37	0.00
long-eared owl	*Asio otus*	N/A	14.21	2.23	0.24	0.03	3.09	3.35	0.00	3.59	2.36
short-eared owl	*Asio flammeus*	N/A	14.21	2.23	0.24	0.00	0.00	0.00	49.11	3.59	2.36
Vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	0.00	0.28	0.00	7.75	0.00	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00
purple martin	*Progne subis*	N/A	1.32	0.91	0.00	0.00	1.94	0.00	10.09	0.00	0.77
bank swallow	*Riparia riparia*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00
Bewick's wren	*Thryomanes bewickii*	N/A	0.00	2.23	0.24	0.03	3.09	0.00	49.11	3.59	2.36
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.59	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	14.21	2.23	0.24	0.00	3.09	0.00	49.11	3.59	2.36
Hutton's vireo	*Vireo huttoni*	N/A	0.00	2.23	0.24	0.00	3.09	0.00	49.11	3.59	2.36
yellow warbler	*Setophaga petechia*	N/A	0.00	2.23	0.24	0.03	3.09	0.00	49.11	3.59	2.36
common yellowthroat	*Geothlypis trichas*	N/A	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.59	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	2.23	0.24	0.03	3.09	0.00	49.11	3.59	2.36
California towhee	*Pipilo crissalis*	N/A	0.00	2.23	0.24	0.03	3.09	0.00	49.11	3.59	2.36
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	14.21	0.00	0.24	0.03	0.00	0.00	0.00	3.59	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	13.22	2.23	0.24	0.00	0.00	0.00	0.00	0.00	2.36
Oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	13.02	1.97	0.24	0.00	0.00	0.00	0.00	0.00	2.20
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	14.21	2.23	0.24	0.00	0.00	3.35	0.00	3.59	2.36
grasshopper sparrow	*Ammodramus savannarum*	N/A	14.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	14.21	2.23	0.24	0.00	3.09	0.00	49.11	3.59	2.36
Modesto song sparrow	*Melospiza melodia mailliardi*	N/A	0.00	0.07	0.00	0.00	0.04	0.00	31.85	0.00	0.00
red-winged blackbird	*Agelaius phoeniceus*	N/A	14.21	0.00	0.00	0.00	0.00	0.00	49.11	3.59	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	14.21	0.00	0.00	0.00	0.00	0.00	49.11	3.59	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Annual Grassland	Blue Oak Woodland	Mixed Chaparral	Montane Chaparral	Montane Hardwood	Pasture	Urban	Valley Foothill Riparian	Valley Oak Woodland
Mammals											
ornate shrew	*Sorex ornatus*	N/A	11.91	1.84	0.24	0.00	0.00	0.00	0.00	3.56	2.36
broad-footed mole	*Scapanus latimanus*	N/A	14.21	2.23	0.00	0.00	3.09	3.35	0.00	3.59	2.36
Yuma myotis	*Myotis yumanensis*	FS	14.21	2.23	0.24	0.03	3.09	3.35	49.11	3.59	2.36
long-eared myotis	*Myotis evotis*	FS	0.00	0.00	0.00	0.03	0.27	0.00	0.00	0.29	0.00
fringed myotis	*Myotis thysanodes*	FS	1.69	1.22	0.19	0.03	2.79	0.03	10.21	1.61	1.08
small-footed myotis	*Myotis ciliolabrum*	FS	11.84	1.84	0.24	0.03	3.05	3.35	18.03	3.37	2.22
western red bat	*Lasiurus blossevillii*	N/A	14.21	2.23	0.24	0.03	3.09	3.35	49.11	3.59	2.36
spotted bat	*Euderma maculatum*	FS	11.91	1.84	0.00	0.03	0.00	0.00	48.73	3.56	2.36
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	14.21	2.23	0.24	0.03	3.09	3.35	49.11	3.59	2.36
pallid bat	*Antrozous pallidus*	FS	14.21	2.23	0.24	0.03	3.09	3.35	49.11	3.59	2.36
western mastiff bat	*Eumops perotis*	FS	14.21	2.23	0.24	0.03	3.09	3.35	49.11	3.59	2.36
brush rabbit	*Sylvilagus bachmani*	N/A	14.21	2.23	0.24	0.03	3.09	3.35	49.11	3.59	2.36
black-tailed jackrabbit	*Lepus californicus*	N/A	14.21	2.23	0.24	0.03	3.09	3.35	49.11	3.59	2.36
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00
California pocket mouse	*Chaetodipus californicus*	N/A	2.98	0.67	0.24	0.00	0.93	0.00	0.00	0.00	0.40
Heermann's kangaroo rat	*Dipodomys heermanni*	N/A	2.75	0.67	0.24	0.00	0.45	0.00	0.00	0.00	0.40
California kangaroo rat	*Dipodomys californicus*	N/A	14.21	2.23	0.24	0.00	3.09	0.00	0.00	0.00	2.36
deer mouse	*Peromyscus maniculatus*	N/A	14.21	2.23	0.24	0.03	3.09	3.35	49.11	3.59	2.36
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	1.56	0.00	0.03	2.25	0.00	0.00	2.42	1.95
California vole	*Microtus californicus*	N/A	14.21	2.23	0.24	0.03	3.09	3.35	49.11	3.59	2.36
red fox	*Vulpes vulpes*	N/A	2.19	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
Sacramento valley red fox	*Vulpes vulpes patwin*	N/A	2.19	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	14.21	2.23	0.24	0.03	3.09	3.35	0.00	3.59	2.36
American badger	*Taxidea taxus*	N/A	14.21	2.23	0.24	0.03	3.09	3.35	0.00	3.59	2.36
western spotted skunk	*Spilogale gracilis*	N/A	14.21	2.23	0.24	0.03	3.09	3.35	49.11	3.59	2.36
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17	0.00
mountain lion	*Puma concolor*	ST	14.21	2.23	0.24	0.03	3.09	3.35	0.00	3.59	2.36
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.67	0.24	0.00	0.85	0.00	0.00	1.17	0.40
Reptiles											
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00
Blainville's horned lizard	*Phrynosoma blainvillii*	FS	14.21	2.23	0.24	0.00	0.00	0.00	0.00	3.59	2.36
western skink	*Plestiodon skiltonianus*	N/A	14.21	2.23	0.24	0.03	3.09	3.35	0.00	3.59	2.36
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00
ring-necked snake	*Diadophis punctatus*	N/A	14.21	2.23	0.24	0.03	3.09	3.35	49.11	3.59	2.36
striped racer	*Coluber lateralis*	N/A	0.00	2.23	0.24	0.03	3.09	0.00	0.00	3.59	2.36
gophersnake	*Pituophis catenifer*	N/A	14.21	2.23	0.24	0.03	3.09	3.35	49.11	3.59	2.36
California mountain kingsnake	*Lampropeltis zonata*	N/A	13.58	2.23	0.24	0.03	3.09	0.00	0.00	3.59	2.36
common gartersnake	*Thamnophis sirtalis*	N/A	14.21	2.23	0.24	0.03	3.09	3.35	0.00	3.59	2.36
giant gartersnake	*Thamnophis gigas*	FT & ST	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Invertebrates											
vernal pool fairy shrimp	*Branchinecta lynchi*	FT	1.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
valley elderberry longhorn beetle	*Desmocerus californicus dimorphus*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00
vernal pool tadpole shrimp	*Lepidurus packardi*	FE	2.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants											
ione manzanita	*Arctostaphylos myrtifolia*	FT	0.00	0.00	0.24	0.00	2.83	0.00	0.00	0.00	0.00
Clara Hunt's milk-vetch	*Astragalus claranus*	FE & ST	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chinese camp brodiaea	*Brodiaea pallida*	FT & SE	13.58	0.00	0.00	0.00	2.83	0.00	0.00	0.00	0.00
Stebbins' morning-glory	*Calystegia stebbinsii*	FE & SE	0.00	0.00	0.24	0.00	2.83	0.00	0.00	0.00	0.00
succulent owl's-clover	*Castilleja campestris var. succulenta*	FT & SE	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pine hill ceanothus	*Ceanothus roderickii*	FE	0.00	0.00	0.24	0.00	2.83	0.00	0.00	0.00	0.00
palmate-bracted bird's-beak	*Chloropyron palmatum*	FE & SE	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ione buckwheat	*Eriogonum apricum var. apricum*	FE & SE	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Annual Grassland	Blue Oak Woodland	Mixed Chaparral	Montane Chaparral	Montane Hardwood	Pasture	Urban	Valley Foothill Riparian	Valley Oak Woodland
Irish Hill buckwheat	*Eriogonum apricum var. prostratum*	FE & SE	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00
Hoover's spurge	*Euphorbia hooveri*	FT	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pine hill flannelbush	*Fremontodendron decumbens*	FE	0.00	0.00	0.24	0.00	2.83	0.00	0.00	0.00	0.00
el dorado bedstraw	*Galium californicum ssp. sierrae*	FE	0.00	0.00	0.24	0.00	2.83	0.00	0.00	0.00	0.00
Boggs Lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	14.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
butte county meadowfoam	*Limnanthes floccosa ssp. californica*	FE & SE	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
colusa grass	*Neostapfia colusana*	FT & SE	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hairy orcutt grass	*Orcuttia pilosa*	FE & SE	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender orcutt grass	*Orcuttia tenuis*	FT & SE	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sacramento orcutt grass	*Orcuttia viscida*	FE & SE	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Layne's ragwort	*Packera layneae*	FT	0.00	0.00	0.24	0.00	2.83	0.00	0.00	0.00	0.00
Greene's tuctoria	*Tuctoria greenei*	FE	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crampton's tuctoria or solano grass	*Tuctoria mucronata*	FE & SE	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Caltrans District 3 – Sierra Nevada Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grassland	Aspen	Barren	Bitterbrush	Blue Oak Woodland	Blue Oak-Foothill Pine	Closed-Cone Pine-Cypress	Douglas-Fir	Eastside Pine	Jeffrey Pine	Lacustrine	Lodgepole Pine	Mixed Chaparral
		Total:	3.35	0.07	26.58	3.27	0.26	0.11	1.24	7.22	1.59	9.23	0.18	6.10	4.14
Amphibians															
long-toed salamander	*Ambystoma macrodactylum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.50	0.00	6.10	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.00	0.00	0.26	0.11	1.24	7.22	0.00	0.00	0.00	0.00	4.14
Mount Lyell salamander	*Hydromantes platycephalus*	N/A	0.00	0.00	22.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	3.28	0.00	0.00	0.00	0.26	0.11	1.24	7.22	0.00	0.00	0.00	0.00	4.14
northern leopard frog	*Lithobates pipiens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sierra Nevada yellow-legged frog	*Rana sierrae*	FE & FS & ST	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.23	0.10	6.10	0.00
California red-legged frog	*Rana draytonii*	FT	2.71	0.00	0.00	0.00	0.26	0.11	1.24	7.22	0.00	0.00	0.00	0.00	4.14
Birds															
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00
great blue heron	*Ardea herodias*	N/A	3.35	0.00	0.00	0.00	0.26	0.11	1.24	7.22	1.59	0.00	0.18	0.00	0.00
great egret	*Ardea alba*	N/A	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00
redhead	*Aythya americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00
harlequin duck	*Histrionicus histrionicus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	3.35	0.00	26.58	3.27	0.26	0.11	1.24	7.22	1.59	9.23	0.18	6.10	4.14
white-tailed kite	*Elanus leucurus*	FS	0.00	0.00	0.06	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bald eagle	*Haliaeetus leucocephalus*	FS & SE	3.35	0.07	26.58	3.27	0.26	0.11	0.00	7.22	1.59	9.23	0.18	6.10	4.14
northern harrier	*Circus cyaneus*	N/A	0.00	0.00	1.53	0.00	0.03	0.00	0.00	0.72	0.00	8.39	0.00	1.40	0.00
northern goshawk	*Accipiter gentilis*	FS	0.00	0.07	0.00	3.27	0.26	0.11	0.00	7.22	1.59	9.23	0.00	6.10	4.14
golden eagle	*Aquila chrysaetos*	FS	3.35	0.00	26.58	3.27	0.26	0.11	0.00	7.22	1.59	9.23	0.00	6.10	4.14
peregrine falcon	*Falco peregrinus*	FS	3.35	0.00	26.58	3.27	0.26	0.11	1.24	7.22	1.59	9.23	0.18	6.10	4.14
sooty grouse	*Dendragapus fuliginosus*	N/A	1.13	0.07	0.00	0.00	0.00	0.00	0.00	0.66	1.59	9.23	0.00	6.10	0.00
California quail	*Callipepla californica*	N/A	1.57	0.00	0.00	0.00	0.18	0.11	0.00	3.11	0.00	0.00	0.00	0.00	1.06
burrowing owl	*Athene cunicularia*	FS	0.00	0.00	1.53	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.00	0.00	0.11	0.00	7.22	0.21	8.39	0.00	6.10	0.00
California spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.00	0.00	0.00	0.00	0.11	0.00	7.22	0.21	0.00	0.00	4.70	0.00
great gray owl	*Strix nebulosa*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.10	0.00
long-eared owl	*Asio otus*	N/A	3.35	0.07	0.00	3.27	0.26	0.11	0.00	0.00	1.59	0.00	0.00	0.00	4.14
short-eared owl	*Asio flammeus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black swift	*Cypseloides niger*	N/A	0.00	0.00	1.27	0.00	0.02	0.00	0.00	1.05	0.00	0.11	0.00	4.70	0.10
Vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	0.00	0.00	0.11	1.24	7.22	0.00	0.11	0.00	0.00	4.14
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.07	0.00	0.00	0.00	0.11	0.00	7.22	1.59	9.23	0.00	6.10	4.14
willow flycatcher	*Empidonax traillii*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
purple martin	*Progne subis*	N/A	2.71	0.00	0.00	0.00	0.26	0.11	1.24	7.22	0.00	0.00	0.00	0.00	0.00
Bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.00	0.00	0.26	0.11	0.00	6.76	0.00	0.00	0.00	0.00	4.14
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.00	0.00	1.53	0.00	0.03	0.00	0.00	0.00	0.00	8.39	0.00	0.00	0.00
Hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.00	0.00	0.26	0.11	1.24	6.56	0.00	0.00	0.00	0.00	3.98
yellow warbler	*Setophaga petechia*	N/A	0.00	0.07	0.00	0.00	0.26	0.11	1.24	7.22	1.59	9.13	0.00	1.40	4.14
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Annual Grassland	Aspen	Barren	Bitterbrush	Blue Oak Woodland	Blue Oak-Foothill Pine	Closed-Cone Pine-Cypress	Douglas-Fir	Eastside Pine	Jeffrey Pine	Lacustrine	Lodgepole Pine	Mixed Chaparral
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.07	0.00	3.27	0.26	0.11	1.24	7.22	1.59	9.13	0.00	0.00	4.14
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.00	0.00	0.26	0.11	1.24	0.00	0.00	0.00	0.00	0.00	3.88
vesper sparrow	*Pooecetes gramineus*	N/A	0.00	0.00	0.00	3.26	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.07	0.00	0.00	3.27	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	3.35	0.07	0.00	0.00	0.26	0.11	1.24	7.22	1.59	9.23	0.18	0.00	4.14
red-winged blackbird	*Agelaius phoeniceus*	N/A	3.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00
Mammals															
vagrant shrew	*Sorex vagrans*	N/A	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.13	0.00	2.02	0.00
ornate shrew	*Sorex ornatus*	N/A	2.07	0.00	0.00	0.00	0.26	0.08	0.00	0.00	0.00	0.00	0.00	0.00	3.85
broad-footed mole	*Scapanus latimanus*	N/A	3.35	0.07	0.00	0.00	0.26	0.11	0.00	7.22	1.59	9.23	0.00	6.10	0.00
Yuma myotis	*Myotis yumanensis*	FS	3.35	0.07	0.00	3.27	0.26	0.11	1.24	7.22	1.59	9.23	0.18	6.10	4.14
long-eared myotis	*Myotis evotis*	FS	0.00	0.07	26.03	3.27	0.02	0.05	1.24	5.75	1.59	9.23	0.18	6.10	0.46
fringed myotis	*Myotis thysanodes*	FS	3.35	0.07	26.58	3.27	0.26	0.11	1.24	7.22	1.59	9.23	0.18	6.10	4.14
small-footed myotis	*Myotis ciliolabrum*	FS	3.21	0.00	1.14	3.12	0.26	0.11	0.00	0.00	0.05	0.00	0.08	0.00	4.14
western red bat	*Lasiurus blossevillii*	N/A	2.71	0.00	0.00	0.00	0.26	0.11	0.00	7.22	0.00	0.00	0.00	0.00	4.14
spotted bat	*Euderma maculatum*	FS	3.35	0.00	0.00	3.27	0.26	0.11	0.00	0.00	1.59	9.23	0.00	0.00	0.00
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	3.35	0.07	6.06	3.27	0.26	0.11	0.00	7.22	1.59	9.23	0.00	6.10	4.14
pallid bat	*Antrozous pallidus*	FS	3.35	0.00	26.58	3.27	0.26	0.11	0.00	7.22	1.59	9.23	0.00	6.10	4.14
western mastiff bat	*Eumops perotis*	FS	2.33	0.00	1.03	0.00	0.26	0.11	1.24	0.00	0.00	0.00	0.00	0.00	3.98
brush rabbit	*Sylvilagus bachmani*	N/A	2.71	0.00	0.00	0.00	0.26	0.11	0.00	7.22	0.00	0.00	0.00	0.00	4.14
snowshoe hare	*Lepus americanus*	N/A	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.80	0.00	9.23	0.00	6.10	0.00
white-tailed jackrabbit	*Lepus townsendii*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.59	9.13	0.00	1.40	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	3.35	0.00	0.00	3.27	0.26	0.11	1.24	7.22	1.59	0.11	0.00	0.21	4.14
mountain beaver	*Aplodontia rufa*	N/A	0.00	0.07	0.00	0.00	0.00	0.00	0.00	3.82	1.59	9.23	0.00	6.10	0.00
lodgepole chipmunk	*Tamias speciosus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.13	0.00	6.05	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.07	0.00	0.00	0.23	0.11	0.00	6.50	1.59	9.23	0.00	6.10	0.00
California kangaroo rat	*Dipodomys californicus*	N/A	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	3.35	0.07	26.58	3.27	0.26	0.11	1.24	7.22	1.59	9.23	0.00	6.10	4.14
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	0.00	0.00	0.26	0.11	1.24	7.11	0.00	0.00	0.00	0.00	4.14
California vole	*Microtus californicus*	N/A	3.21	0.00	0.00	0.00	0.26	0.08	0.00	6.00	0.00	0.00	0.00	0.00	4.04
red fox	*Vulpes vulpes*	N/A	0.07	0.00	22.69	0.00	0.00	0.00	0.00	0.00	1.34	8.39	0.00	1.40	0.00
Sierra Nevada red fox	*Vulpes vulpes necator*	FS & ST	0.07	0.00	22.69	0.00	0.00	0.00	0.00	0.00	1.34	8.39	0.00	1.40	0.00
ringtail	*Bassariscus astutus*	N/A	3.35	0.07	26.58	3.27	0.26	0.11	1.24	7.22	1.59	9.23	0.00	0.00	4.14
marten	*Martes caurina*	FS	0.00	0.07	25.93	0.00	0.00	0.00	0.00	4.82	1.59	9.23	0.00	6.10	0.00
fisher	*Pekania pennanti*	FS & ST	0.00	0.07	0.00	0.00	0.00	0.00	0.00	6.40	1.59	9.23	0.00	6.10	0.00
wolverine	*Gulo gulo*	FS & ST	0.00	0.07	24.15	0.00	0.00	0.00	0.00	0.00	0.00	9.23	0.00	6.10	0.00
American badger	*Taxidea taxus*	N/A	3.35	0.07	26.58	3.27	0.26	0.11	1.24	7.22	1.59	9.23	0.00	6.10	4.14
western spotted skunk	*Spilogale gracilis*	N/A	3.35	0.07	0.00	3.27	0.26	0.11	1.24	7.22	1.59	9.23	0.00	6.10	4.14
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Annual Grassland	Aspen	Barren	Bitterbrush	Blue Oak Woodland	Blue Oak-Foothill Pine	Closed-Cone Pine-Cypress	Douglas-Fir	Eastside Pine	Jeffrey Pine	Lacustrine	Lodgepole Pine	Mixed Chaparral
mountain lion	*Puma concolor*	ST	3.35	0.07	0.00	3.27	0.26	0.11	1.24	7.22	1.59	9.23	0.00	6.10	4.14
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00
Reptiles															
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	3.27	0.00	0.00	0.00	7.22	1.59	9.23	0.00	6.10	4.14
Blainville's horned lizard	*Phrynosoma blainvillii*	FS	2.01	0.00	0.00	0.00	0.26	0.08	1.24	0.00	0.00	0.00	0.00	0.00	3.88
western skink	*Plestiodon skiltonianus*	N/A	3.35	0.00	0.00	0.00	0.26	0.11	1.24	7.22	0.00	0.00	0.00	0.00	4.14
northern rubber boa	*Charina bottae*	N/A	0.00	0.07	0.00	0.00	0.00	0.00	1.24	7.22	0.00	9.23	0.00	6.10	0.00
ring-necked snake	*Diadophis punctatus*	N/A	2.71	0.00	0.00	0.00	0.26	0.11	1.24	7.08	0.00	0.00	0.00	0.00	4.14
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.00	0.00	0.26	0.11	0.00	7.22	0.00	0.00	0.00	0.00	4.14
gophersnake	*Pituophis catenifer*	N/A	3.35	0.00	0.00	3.27	0.26	0.11	1.24	7.22	1.59	9.23	0.00	0.00	4.14
California mountain kingsnake	*Lampropeltis zonata*	N/A	3.35	0.00	0.00	0.00	0.26	0.11	1.24	7.22	0.00	0.84	0.00	0.00	4.14
common gartersnake	*Thamnophis sirtalis*	N/A	3.35	0.00	0.00	0.00	0.26	0.11	1.24	7.22	1.59	9.23	0.18	0.00	4.14
Plants															
ione manzanita	*Arctostaphylos myrtifolia*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61
Chinese camp brodiaea	*Brodiaea pallida*	FT & SE	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Stebbins' morning-glory	*Calystegia stebbinsii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61
pine hill ceanothus	*Ceanothus roderickii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61
ione buckwheat	*Eriogonum apricum var. apricum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61
Irish hill buckwheat	*Eriogonum apricum var. prostratum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61
pine hill flannelbush	*Fremontodendron decumbens*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61
el dorado bedstraw	*Galium californicum ssp. sierrae*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61
Boggs Lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Webber's ivesia	*Ivesia webberi*	FT & FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.98
Layne's ragwort	*Packera layneae*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61
Tahoe yellow cress	*Rorippa subumbellata*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.98

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Units are in acres

Common Name	Species Name	Status	Montane Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Perennial Grassland	Ponderosa Pine	Red Fir	Riverine	Sagebrush	Sierran Mixed Conifer	Urban	Wet Meadow	White Fir
		Total:	12.34	14.14	16.74	0.32	2.21	14.48	18.26	0.07	1.58	35.71	199.52	0.86	4.41
Amphibians															
long-toed salamander	*Ambystoma macrodactylum*	N/A	0.00	0.24	0.85	0.06	0.00	0.34	18.26	0.00	0.00	21.08	0.00	0.86	3.72
ensatina	*Ensatina eschscholtzii*	N/A	0.47	14.14	16.17	0.18	0.00	14.48	0.00	0.00	0.00	15.64	0.00	0.00	0.85
Mount Lyell salamander	*Hydromantes platycephalus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	18.26	0.00	0.00	12.29	0.00	0.85	3.43
foothill yellow-legged frog	*Rana boylii*	FS	0.55	13.90	15.84	0.18	0.00	14.14	0.00	0.07	0.00	15.77	0.00	0.00	0.91
northern leopard frog	*Lithobates pipiens*	N/A	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	3.79	0.00	0.65	0.00
Sierra Nevada yellow-legged frog	*Rana sierrae*	FE & FS & ST	0.00	6.47	8.19	0.26	0.00	4.00	18.26	0.07	0.00	35.47	0.00	0.86	4.41
California red-legged frog	*Rana draytonii*	FT	0.00	13.67	14.32	0.10	0.00	13.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Birds															
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.00	14.14	16.03	0.32	2.21	14.17	0.00	0.07	0.00	22.89	199.52	0.22	0.98
great egret	*Ardea alba*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.00	0.00
redhead	*Aythya americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
harlequin duck	*Histrionicus histrionicus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	12.34	14.14	16.74	0.32	2.21	14.48	18.26	0.07	1.58	35.71	0.00	0.86	4.41
white-tailed kite	*Elanus leucurus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.75	0.00	0.00
bald eagle	*Haliaeetus leucocephalus*	FS & SE	12.34	14.14	16.74	0.32	2.21	14.48	18.26	0.07	1.58	35.71	0.00	0.86	4.41
northern harrier	*Circus cyaneus*	N/A	4.38	0.88	0.00	0.00	2.21	0.00	0.77	0.00	0.00	2.71	37.58	0.00	0.00
northern goshawk	*Accipiter gentilis*	FS	12.34	14.14	16.74	0.32	0.00	14.48	18.26	0.00	1.58	35.71	0.00	0.00	4.41
golden eagle	*Aquila chrysaetos*	FS	12.34	14.14	16.74	0.32	2.21	14.48	18.26	0.00	1.58	35.71	199.52	0.86	4.41
peregrine falcon	*Falco peregrinus*	FS	12.34	14.14	16.74	0.32	2.21	14.48	18.26	0.07	1.58	35.71	199.52	0.86	4.41
sooty grouse	*Dendragapus fuliginosus*	N/A	0.00	4.41	4.79	0.26	2.21	2.32	18.26	0.00	1.58	35.47	0.00	0.00	4.41
California quail	*Callipepla californica*	N/A	0.00	4.41	4.63	0.10	0.00	9.47	0.00	0.00	0.00	0.44	31.97	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	4.38	0.00	0.00	0.00	2.21	0.00	0.00	0.00	0.00	0.00	37.58	0.00	0.00
spotted owl	*Strix occidentalis*	N/A	0.00	14.14	16.55	0.24	0.00	14.48	18.26	0.00	0.00	34.90	0.00	0.00	4.34
California spotted owl	*Strix occidentalis occidentalis*	FS	0.00	14.14	16.55	0.24	0.00	14.48	16.51	0.00	0.00	31.93	0.00	0.00	4.34
great gray owl	*Strix nebulosa*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	9.03	0.00	0.00	35.43	0.00	0.66	4.41
long-eared owl	*Asio otus*	N/A	12.25	14.14	16.74	0.32	2.21	14.48	0.00	0.00	1.58	35.71	0.00	0.86	4.41
short-eared owl	*Asio flammeus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.43	0.00	0.00
black swift	*Cypseloides niger*	N/A	1.93	0.65	1.17	0.09	0.00	0.21	0.00	0.00	0.00	10.63	53.21	0.02	0.06
Vaux's swift	*Chaetura vauxi*	N/A	4.13	14.14	16.59	0.22	0.00	14.48	8.26	0.07	0.00	32.54	173.17	0.66	4.34
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	14.14	16.74	0.32	0.00	14.48	18.26	0.00	0.00	35.71	0.00	0.00	4.41
willow flycatcher	*Empidonax traillii*	FS & SE	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.00
purple martin	*Progne subis*	N/A	0.00	13.70	15.16	0.10	0.00	13.21	0.00	0.00	0.00	11.31	77.47	0.00	0.85
Bewick's wren	*Thryomanes bewickii*	N/A	0.15	10.87	13.63	0.22	0.00	14.08	0.00	0.00	0.00	0.00	69.12	0.00	0.00
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.00	1.10	0.00	0.00	2.21	0.00	0.00	0.00	0.00	0.00	37.62	0.00	0.00
Hutton's vireo	*Vireo huttoni*	N/A	0.00	10.34	12.23	0.06	0.00	11.95	0.00	0.00	0.00	0.66	28.39	0.00	0.00
yellow warbler	*Setophaga petechia*	N/A	5.01	14.14	16.32	0.26	0.00	14.48	0.77	0.00	0.00	18.53	140.77	0.00	0.92
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.00	0.09	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Montane Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Perennial Grassland	Ponderosa Pine	Red Fir	Riverine	Sagebrush	Sierran Mixed Conifer	Urban	Wet Meadow	White Fir
spotted towhee	*Pipilo maculatus*	N/A	4.93	14.14	16.32	0.26	0.00	14.48	0.00	0.00	1.58	18.53	140.77	0.00	0.92
California towhee	*Pipilo crissalis*	N/A	0.00	9.69	12.22	0.06	0.00	11.29	0.00	0.00	0.00	0.00	28.04	0.00	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.00	0.00	0.00	0.00	2.21	0.00	0.00	0.00	1.58	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.00	14.14	16.74	0.32	2.21	14.48	0.00	0.07	0.00	35.71	199.52	0.86	4.41
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.00	0.00	0.32	2.21	0.00	0.00	0.00	0.00	0.00	199.52	0.86	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.00	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.00	0.00	0.00	2.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals															
vagrant shrew	*Sorex vagrans*	N/A	9.38	0.00	0.14	0.10	2.21	0.00	16.68	0.00	0.00	4.07	0.00	0.65	0.06
ornate shrew	*Sorex ornatus*	N/A	0.00	0.00	10.08	0.06	0.00	10.26	0.00	0.00	0.00	0.64	0.00	0.00	0.00
broad-footed mole	*Scapanus latimanus*	N/A	0.00	14.14	16.74	0.32	2.21	14.48	18.26	0.00	0.00	35.71	0.00	0.86	4.41
Yuma myotis	*Myotis yumanensis*	FS	12.34	14.14	16.74	0.32	2.21	14.48	18.26	0.07	1.58	35.71	199.52	0.86	4.41
long-eared myotis	*Myotis evotis*	FS	12.34	8.98	8.58	0.32	2.21	5.89	18.26	0.07	1.58	35.71	0.00	0.86	4.41
fringed myotis	*Myotis thysanodes*	FS	12.34	14.14	16.74	0.32	2.21	14.48	18.26	0.07	1.58	35.71	199.52	0.00	4.41
small-footed myotis	*Myotis ciliolabrum*	FS	0.05	12.89	14.22	0.26	0.00	13.93	0.00	0.00	0.00	11.87	79.11	0.00	0.69
western red bat	*Lasiurus blossevillii*	N/A	0.05	10.98	13.71	0.10	0.00	13.15	0.00	0.00	0.00	6.55	58.81	0.00	0.00
spotted bat	*Euderma maculatum*	FS	12.34	0.00	16.74	0.32	2.21	14.48	0.00	0.07	1.58	35.71	199.52	0.86	4.41
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	8.27	14.14	16.74	0.31	2.21	14.48	0.77	0.07	1.58	26.75	193.66	0.02	4.21
pallid bat	*Antrozous pallidus*	FS	12.34	14.14	16.74	0.32	2.21	14.48	18.26	0.07	1.58	35.71	199.52	0.86	4.41
western mastiff bat	*Eumops perotis*	FS	0.00	10.38	12.52	0.06	0.00	12.85	0.00	0.00	0.00	0.00	31.01	0.00	0.00
brush rabbit	*Sylvilagus bachmani*	N/A	0.32	13.70	15.16	0.10	0.00	13.21	0.00	0.00	0.00	11.31	77.47	0.00	0.00
snowshoe hare	*Lepus americanus*	N/A	0.00	0.00	0.00	0.10	0.00	0.00	18.26	0.00	0.00	33.61	0.00	0.00	4.41
white-tailed jackrabbit	*Lepus townsendii*	N/A	0.00	0.00	0.00	0.00	2.21	0.00	9.64	0.00	1.58	0.00	0.00	0.00	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	2.33	14.14	16.74	0.31	0.00	14.48	0.00	0.00	1.58	24.23	155.90	0.02	4.17
mountain beaver	*Aplodontia rufa*	N/A	0.00	6.13	7.06	0.22	2.21	4.09	18.26	0.00	0.00	35.27	0.00	0.86	4.41
lodgepole chipmunk	*Tamias speciosus*	N/A	10.30	0.00	0.00	0.00	0.00	0.00	18.26	0.00	0.00	13.37	0.00	0.00	0.27
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	12.12	14.64	0.32	0.00	14.48	18.26	0.00	0.00	35.71	0.00	0.00	4.41
California kangaroo rat	*Dipodomys californicus*	N/A	0.00	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	12.34	14.14	16.74	0.32	2.21	14.48	18.26	0.00	1.58	35.71	199.52	0.86	4.41
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.32	13.01	15.04	0.10	0.00	12.10	0.00	0.00	0.00	11.07	0.00	0.00	0.85
California vole	*Microtus californicus*	N/A	0.05	10.41	13.56	0.13	0.00	13.93	0.00	0.00	0.00	8.70	60.61	0.00	0.00
red fox	*Vulpes vulpes*	N/A	9.78	0.00	0.70	0.01	2.21	0.34	18.26	0.00	0.00	16.47	0.00	0.85	3.43
Sierra Nevada red fox	*Vulpes vulpes necator*	FS & ST	9.78	0.00	0.70	0.01	2.21	0.34	18.26	0.00	0.00	16.47	0.00	0.85	3.43
ringtail	*Bassariscus astutus*	N/A	12.34	14.14	16.74	0.32	2.21	14.48	0.00	0.00	1.58	35.71	0.00	0.86	4.41
marten	*Martes caurina*	FS	0.00	0.00	7.73	0.26	2.21	4.46	18.26	0.00	0.00	35.71	0.00	0.86	4.41
fisher	*Pekania pennanti*	FS & ST	0.00	0.00	12.47	0.32	0.00	14.42	18.26	0.00	0.00	35.71	0.00	0.00	4.41
wolverine	*Gulo gulo*	FS & ST	11.87	0.00	0.99	0.14	2.21	0.00	18.26	0.00	0.00	21.52	0.00	0.86	3.52
American badger	*Taxidea taxus*	N/A	12.34	14.14	16.74	0.32	2.21	14.48	18.26	0.00	1.58	35.71	0.00	0.86	4.41
western spotted skunk	*Spilogale gracilis*	N/A	12.34	14.14	16.74	0.32	2.21	14.48	18.26	0.00	1.58	35.71	199.52	0.86	4.41
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85	0.00
mountain lion	*Puma concolor*	ST	12.34	14.14	16.74	0.32	2.21	14.48	18.26	0.00	1.58	35.71	0.00	0.86	4.41
big-eared woodrat	*Neotoma macrotis*	N/A	0.15	1.13	1.13	0.07	0.00	2.38	0.00	0.00	0.00	4.56	0.00	0.00	0.00

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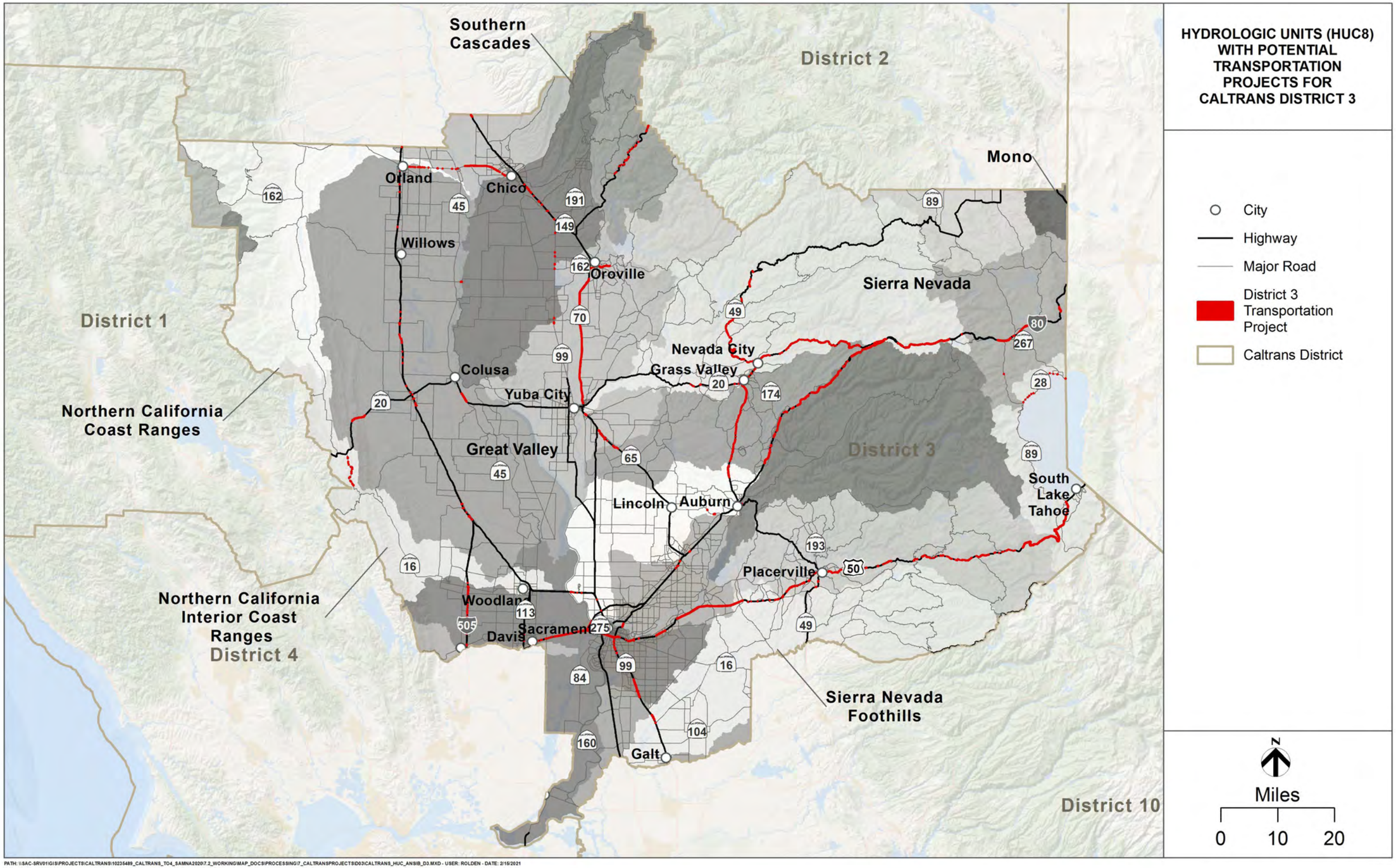
Units are in acres

Common Name	Species Name	Status	Montane Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Perennial Grassland	Ponderosa Pine	Red Fir	Riverine	Sagebrush	Sierran Mixed Conifer	Urban	Wet Meadow	White Fir
Reptiles															
common sagebrush lizard	*Sceloporus graciosus*	FS	12.25	14.14	16.74	0.00	0.00	14.48	0.00	0.00	1.58	35.71	0.00	0.00	4.41
Blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.00	0.00	12.04	0.00	0.00	11.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	11.76	14.14	16.74	0.32	2.21	14.48	0.00	0.00	0.00	35.71	0.00	0.00	4.41
northern rubber boa	*Charina bottae*	N/A	12.25	14.14	16.74	0.32	0.00	14.48	18.26	0.00	0.00	35.71	0.00	0.86	4.41
ring-necked snake	*Diadophis punctatus*	N/A	0.00	10.90	13.34	0.10	0.00	13.15	0.00	0.00	0.00	2.97	46.85	0.00	0.00
striped racer	*Coluber lateralis*	N/A	0.32	13.70	15.16	0.10	0.00	13.21	0.00	0.00	0.00	11.31	0.00	0.00	0.85
gophersnake	*Pituophis catenifer*	N/A	11.09	14.14	16.74	0.32	2.21	14.48	0.00	0.00	1.58	34.68	199.52	0.42	4.41
California mountain kingsnake	*Lampropeltis zonata*	N/A	4.21	14.14	16.74	0.31	0.00	14.48	0.00	0.00	0.00	32.72	0.00	0.66	4.41
common gartersnake	*Thamnophis sirtalis*	N/A	12.34	14.14	16.74	0.32	2.21	14.48	0.00	0.00	1.58	35.71	0.00	0.86	4.41
Plants															
ione manzanita	*Arctostaphylos myrtifolia*	FT	0.00	4.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chinese camp brodiaea	*Brodiaea pallida*	FT & SE	0.00	4.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Stebbins' morning-glory	*Calystegia stebbinsii*	FE & SE	0.00	4.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pine hill ceanothus	*Ceanothus roderickii*	FE	0.00	4.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ione buckwheat	*Eriogonum apricum var. apricum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Irish hill buckwheat	*Eriogonum apricum var. prostratum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pine hill flannelbush	*Fremontodendron decumbens*	FE	0.00	4.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
el dorado bedstraw	*Galium californicum ssp. sierrae*	FE	0.00	4.30	7.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Boggs Lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Webber's ivesia	*Ivesia webberi*	FT & FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Layne's ragwort	*Packera layneae*	FT	0.00	4.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tahoe yellow cress	*Rorippa subumbellata*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.00

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N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 3 – Hydrologic Units (HUC-8) with Potential Transportation Projects



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Caltrans District 3 – Watershed Impacts to Waters and Fish Species Summary Table

HUC-8 Name / Common Species Name	Scientific Species Name	Listing Status	Artificial/Path	Canal/Ditch	Connector	Lake/Pond	Pipeline	Stream/River
Big Chico Creek-Sacramento River			0.00	0.06	0.06	0.00	0.00	0.29
Chinook salmon - Spring-run	*Oncorhynchus tshawytscha*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.23
Chinook salmon - Winter-run	*Oncorhynchus tshawytscha*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.11
Green sturgeon - Southern DPS	*Acipenser medirostris*	FT	0.00	0.00	0.00	0.00	0.00	0.11
Steelhead - California Central Valley DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.20
Butte Creek			0.00	0.33	0.00	0.00	0.00	0.28
Chinook salmon - Spring-run	*Oncorhynchus tshawytscha*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.05
Steelhead - California Central Valley DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.09
Honcut Headwaters-Lower Feather			0.00	0.40	0.00	0.00	0.45	1.52
Chinook salmon - Spring-run	*Oncorhynchus tshawytscha*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.06
Chinook salmon - Winter-run	*Oncorhynchus tshawytscha*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.06
Green sturgeon - Southern DPS	*Acipenser medirostris*	FT	0.00	0.00	0.00	0.00	0.00	0.06
Steelhead - California Central Valley DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.06
Lake Tahoe			0.00	0.00	0.00	0.00	0.00	2.36
Lahontan cutthroat trout	*Oncorhynchus clarkii henshawi*	FT	0.00	0.00	0.00	0.00	0.00	2.43
Lower American			0.00	0.42	0.03	0.07	0.13	1.58
Chinook salmon - Spring-run	*Oncorhynchus tshawytscha*	FT & ST	0.00	0.00	0.00	0.00	0.00	1.31
Chinook salmon - Winter-run	*Oncorhynchus tshawytscha*	FE & SE	0.00	0.00	0.00	0.00	0.00	1.31
Delta smelt	*Hypomesus transpacificus*	FT & SE	0.00	0.00	0.00	0.00	0.00	1.31
Green sturgeon - Southern DPS	*Acipenser medirostris*	FT	0.00	0.00	0.00	0.00	0.00	1.31
Steelhead - California Central Valley DPS	*Oncorhynchus mykiss*	FT	0.00	0.22	0.00	0.00	0.00	1.34
Lower Sacramento			0.00	0.38	0.00	0.00	0.00	0.38
Chinook salmon - Spring-run	*Oncorhynchus tshawytscha*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.12
Chinook salmon - Winter-run	*Oncorhynchus tshawytscha*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.12
Delta smelt	*Hypomesus transpacificus*	FT & SE	0.00	0.34	0.00	0.00	0.00	0.19
Green sturgeon - Southern DPS	*Acipenser medirostris*	FT	0.00	0.00	0.00	0.00	0.00	0.19
Longfin smelt	*Spirinchus thaleichthys*	ST	0.00	0.37	0.00	0.00	0.00	0.38
Steelhead - California Central Valley DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.12
North Fork American			0.00	0.10	0.00	0.00	0.00	1.91
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00
North Fork Feather			0.00	0.00	0.00	0.00	0.00	0.21
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00
Sacramento-Stone Corral			0.00	0.43	0.00	0.00	0.00	1.49
Chinook salmon - Spring-run	*Oncorhynchus tshawytscha*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.93
Chinook salmon - Winter-run	*Oncorhynchus tshawytscha*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.93
Green sturgeon - Southern DPS	*Acipenser medirostris*	FT	0.00	0.00	0.00	0.00	0.00	0.93
Longfin smelt	*Spirinchus thaleichthys*	ST	0.00	0.42	0.00	0.00	0.00	1.47
Steelhead - California Central Valley DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.93
South Fork American			0.00	0.00	0.00	0.09	0.00	5.44
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00
Truckee			0.00	0.17	0.00	0.00	0.00	1.14
Lahontan cutthroat trout	*Oncorhynchus clarkii henshawi*	FT	0.00	0.16	0.00	0.00	0.00	1.12
Upper Bear			0.00	0.48	0.00	0.00	0.26	1.47
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00
Upper Cache			0.00	0.00	0.00	0.00	0.00	0.02
Clear Lake hitch	*Lavinia exilicauda chi*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.02

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Units are in acres

HUC-8 Name		Listing Status	Artificial/Path	Canal/Ditch	Connector	Lake/Pond	Pipeline	Stream/River
Common Species Name	Scientific Species Name							
Upper Coon-Upper Auburn			0.01	0.16	0.00	0.00	0.00	1.27
Chinook salmon - Spring-run	*Oncorhynchus tshawytscha*	FT & ST	0.00	0.00	0.00	0.00	0.00	1.17
Chinook salmon - Winter-run	*Oncorhynchus tshawytscha*	FE & SE	0.00	0.00	0.00	0.00	0.00	1.17
Delta smelt	*Hypomesus transpacificus*	FT & SE	0.00	0.00	0.00	0.00	0.00	1.17
Green sturgeon - Southern DPS	*Acipenser medirostris*	FT	0.00	0.00	0.00	0.00	0.00	1.17
Steelhead - California Central Valley DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	1.17
Upper Cosumnes			0.00	0.00	0.00	0.00	0.00	0.54
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00
Upper Yuba			0.00	0.03	0.00	0.00	0.00	3.61
Lahontan cutthroat trout	*Oncorhynchus clarkii henshawi*	FT	0.00	0.03	0.00	0.00	0.00	3.51

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Caltrans District 3 – HUC-8 Watershed Impacts by Wetland Type Summary Table

HUC-8 Name	Depressional	Depressional Natural	Depressional Seasonal	Depressional Seasonal Natural Emergent	Depressional Seasonal Natural Forested	Freshwater Emergent Wetland	Freshwater Forested/ Shrub Wetland	Freshwater Pond	Lacustrine	Lake	Riverine	Riverine Unnatural	Slope Natural	Slope Natural Forested
Big Chico Creek-Sacramento River	0.00	0.00	0.00	0.09	0.00	0.48	0.18	0.00	0.00	0.00	0.12	0.00	0.00	0.00
Butte Creek	0.00	0.00	0.00	0.00	0.00	0.17	0.25	0.00	0.00	0.00	0.40	0.00	0.00	0.00
Honcut Headwaters-Lower Feather	0.14	0.00	0.00	0.00	0.00	0.04	0.18	0.00	0.00	0.00	0.85	0.00	0.00	0.00
Lake Tahoe	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.13	0.00	0.05	0.20
Lower American	0.03	0.00	0.00	0.00	0.00	0.05	1.20	0.00	0.00	0.22	1.67	0.07	0.00	0.00
Lower Sacramento	0.00	0.21	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.00
North Fork American	0.00	0.00	0.00	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.74	0.00	0.00	0.00
North Fork Feather	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00
Sacramento-Stone Corral	0.00	0.00	0.00	0.00	0.00	0.41	0.31	0.00	0.00	0.00	1.06	0.00	0.00	0.00
South Fork American	0.00	0.00	0.00	0.00	0.00	0.19	0.36	0.13	0.06	0.00	1.09	0.00	0.00	0.00
Truckee	0.00	0.00	0.00	0.00	0.00	0.13	0.19	0.18	0.00	0.34	0.14	0.00	0.00	0.00
Upper Bear	0.08	0.00	0.00	0.00	0.00	0.06	0.33	0.00	0.00	0.00	0.42	0.00	0.00	0.00
Upper Cache	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00
Upper Coon-Upper Auburn	0.00	0.00	0.03	0.00	0.00	0.44	0.05	0.00	0.00	0.00	1.31	0.01	0.00	0.00
Upper Cosumnes	0.00	0.00	0.00	0.00	0.00	0.07	0.14	0.00	0.00	0.00	0.38	0.00	0.00	0.00
Upper Yuba	0.00	0.00	0.00	0.00	0.00	0.07	0.04	0.00	0.00	0.00	0.49	0.00	0.00	0.00

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Units are in acres

APPENDIX D

District 4

- **Table**: Caltrans District 4 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin
- **Map**: Caltrans District 4 – Ecoregion Sections with Potential Transportation Projects
- **Table**: Caltrans District 4 – Central California Coast Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 4 – Great Valley Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 4 – Northern California Coast Ranges Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 4 – Northern California Coast Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 4 – Northern California Interior Coast Ranges Ecoregion Section Impact by Species Summary Table
- **Map**: Caltrans District 4 – Hydrologic Units (HUC-8) with Potential Transportation Projects
- **Table**: Caltrans District 4 – Watershed Impacts to Waters and Fish Species Summary Table
- **Table**: Caltrans District 4 – HUC-8 Watershed Impacts by Wetland Type Summary Table

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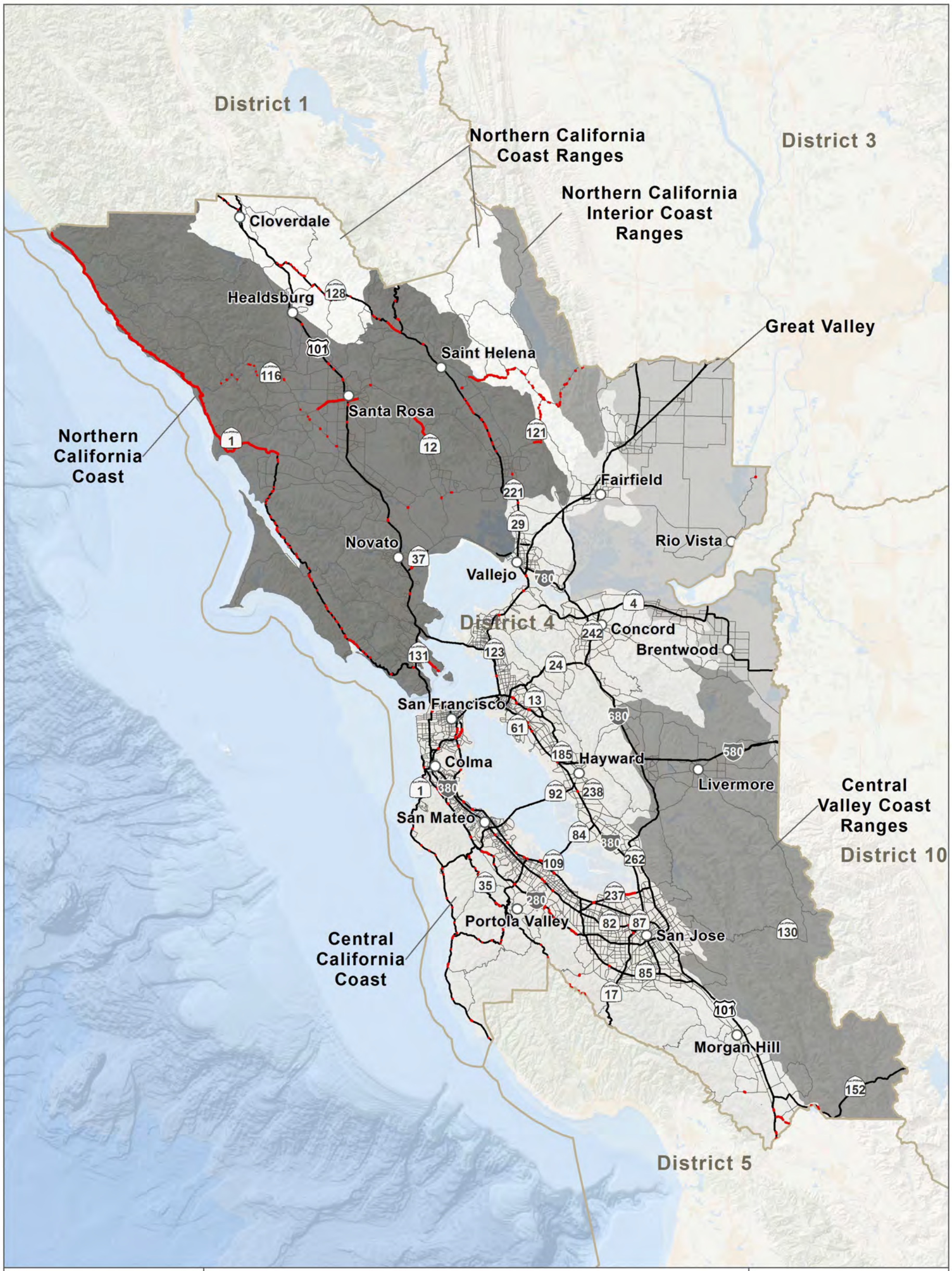
Caltrans District 4 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
9111	Solano	84	12	12.4	Bridge	2019/20	Great Valley	1.62	Lower Sacramento	1.62
9188	Santa Clara	9	4.9		Bridge	2021/22	Central California Coast	1.79	Coyote	1.79
9223	Contra Costa	580	1.2		Bridge	2019/20	Central California Coast	1.43	San Pablo Bay	1.43
9224	San Mateo	101	7.1		Bridge	2021/22	Central California Coast	1.10	San Francisco Bay	1.10
9249	Santa Clara	101			Bridge	2019/20	Central California Coast	5.26	Coyote	1.03
									Pajaro	4.42
9250	San Mateo	101	0.1	23.4	Bridge	2021/22	Central California Coast	5.64	San Francisco Bay	5.64
9356	Santa Clara	82	11.38	26.36	Bridge	2022/23	Central California Coast	1.95	Coyote	1.74
									San Francisco Bay	0.21
9379	Alameda	80	5.8		Bridge	2019/20	Central California Coast	0.98	San Pablo Bay	0.98
11282	Contra Costa	80	7.6	12.75	Bridge	2023/24	Central California Coast	0.97	San Pablo Bay	0.97
11283	Sonoma	116	19.9	33.37	Bridge	2023/24	Northern California Coast	1.82	Russian	1.83
11336	Solano	80	1.1		Bridge	2019/20	Central California Coast	0.69	San Pablo Bay	0.69
11357	San Mateo	1	17.9	18	Bridge	2024/25	Central California Coast	1.92	San Francisco Coastal South	1.92
13297	San Mateo	82	9.35	9.35	Bridge	2022/23	Central California Coast	0.57	San Francisco Bay	0.57
13338	Sonoma	12	11	T17.4	Pavement	2021/22	Northern California Coast	39.27	Russian	39.27
13565	Santa Clara	Various			Bridge	2019/20	Central California Coast	2.51	Coyote	0.86
									Pajaro	1.44
									San Francisco Bay	0.21
13624	Napa	128	5.1		Bridge	2021/22	Northern California Coast	0.99	San Pablo Bay	0.99
13703	Marin	1	13.05	45.1	Drainage	2023/24	Northern California Coast	0.75	Tomales-Drake Bays	0.79
13830	San Mateo	280	6.7	10.5	Drainage	2021/22	Central California Coast	6.45	Coyote	1.05
									San Francisco Bay	5.41
13918	Sonoma	1	0	58.58	Safety Improvements	2023/24	Northern California Coast	208.45	Gualala-Salmon	157.47
									Russian	10.76
									Tomales-Drake Bays	40.57
14149	Marin	1	0.42	22.96	Bridge	2023/24	Northern California Coast	2.10	San Pablo Bay	0.40
									Tomales-Drake Bays	1.71
14169	Santa Clara	17	6.16	6.55	Bridge	2023/24	Central California Coast	1.38	Coyote	1.39
15795	Napa	121	6.4	6.5	Bridge	2023/24	Northern California Coast	1.12	San Pablo Bay	1.12
15831	Napa	29	14.1	19	Bridge	2021/22	Northern California Coast	3.47	San Pablo Bay	3.47
16135	Santa Clara	237	7	8	Mobility - Operational Improvements	2021/22	Central California Coast	8.09	Coyote	9.28
16697	Marin	1	40.3	40.3	Drainage	2023/24	Northern California Coast	0.09	Tomales-Drake Bays	0.12
16701	Napa	29	1.7	5.1	Drainage	2021/22	Central California Coast	0.19	San Pablo Bay	0.19
16793	San Mateo	1	14		Bridge	2021/22	Central California Coast	0.95	San Francisco Coastal South	1.00
16820	Sonoma	101	0		Bridge	2021/22	Northern California Coast	2.79	San Pablo Bay	3.00
16948	Napa	29	33.1		Sustainability	2021/22	Northern California Coast	0.97	San Pablo Bay	0.97
16957	Santa Clara	237	7	8	Mobility - Operational Improvements	2021/22	Central California Coast	4.88	Coyote	6.07
17092	Sonoma	101	24.86	24.86	Bridge	2026/27	Northern California Coast	0.82	Russian	0.82
17112	Napa	121	18.6		Bridge	2019/20	Northern California Coast Ranges	0.97	Upper Putah	0.97
17369	Alameda	880	27.1	27.3	Safety Improvements	2022/23	Central California Coast	0.71	San Francisco Bay	0.72
17509	Sonoma	1	0.97	28.73	Drainage	2023/24	Northern California Coast	0.49	Gualala-Salmon	0.19
									Russian	0.09
									Tomales-Drake Bays	0.22
17510	Sonoma	1	30.8	40.6	Drainage	2021/22	Northern California Coast	0.69	Gualala-Salmon	0.74
17511	Sonoma	1	41.5	54.6	Drainage	2021/22	Northern California Coast	1.45	Gualala-Salmon	1.62
17574	Sonoma	1	45.4	45.4	Drainage	2023/24	Northern California Coast	0.07	Gualala-Salmon	0.07
17755	Napa	29	28.4	29.3	Bridge	2022/23	Northern California Coast	1.00	San Pablo Bay	1.00
17844	San Francisco	280	R0.0	T7.5	Pavement	2023/24	Central California Coast	18.15	San Francisco Bay	18.15
17979	Alameda	880	15.6	26.5	Bridge	2021/22	Central California Coast	2.18	San Francisco Bay	2.24

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
17980	San Francisco	101	2	2.9	Bridge	2020/21	Central California Coast	2.44	San Francisco Bay	1.49
									San Francisco Coastal South	0.95
17981	Sonoma	101	16.5	19	Bridge	2021/22	Northern California Coast	2.28	Russian	1.64
									San Pablo Bay	0.64
18489	Santa Clara	152	R16.8	R23.3	Drainage	2023/24	Central California Coast	0.26	Pajaro	0.26
18505	Alameda	580	R41.4	44.5	Bridge	2023/24	Central California Coast	7.11	San Francisco Bay	7.04
									San Pablo Bay	0.06
18510	Alameda	13	7.9	7.91	Bridge	2023/24	Central California Coast	1.28	San Francisco Bay	1.28
18555	Solano	128	0.72	0.73	Bridge	2023/24	Northern California Interior Coast Ranges	0.74	Upper Putah	0.77
18572	Sonoma	121	6.52	8.43	Bridge	2023/24	Northern California Coast	0.46	San Pablo Bay	1.23
18584	Santa Clara	880	1.73	1.8	Bridge	2022/23	Central California Coast	0.49	Coyote	0.49
18669	San Mateo	1	27.5	34.8	Pavement	2023/24	Central California Coast	0.38	San Francisco Coastal South	0.38
18831	Sonoma	101	22.81	32.79	Bridge	2023/24	Northern California Coast	5.11	Russian	5.11
19051	San Francisco	101	3.37	3.37	Bridge	2023/24	Central California Coast	1.50	San Francisco Bay	1.50
19077	San Mateo	1	43.46	45.12	Bridge	2026/27	Central California Coast	1.77	San Francisco Coastal South	1.78
19083	San Francisco	1	6.18	6.67	Bridge	2026/27	Central California Coast	1.97	San Pablo Bay	1.98
20116	Marin	1	13.1	44.9	Drainage	2023/24	Northern California Coast	1.15	Tomales-Drake Bays	1.51
20462	Sonoma	1	19.2	21.8	Drainage	2023/24	Northern California Coast	0.06	Russian	0.07
20621	Alameda	880	14.54	26.61	Bridge	2027/28	Central California Coast	0.67	San Francisco Bay	0.67
20694	Marin	37	R11.2	13.7	Sustainability	2030/31	Northern California Coast	2.97	San Pablo Bay	2.97
20749	Marin	37	14.5	15	Bridge	2023/24	Northern California Coast	1.81	San Pablo Bay	1.82
20901	Marin	1	28.5		Bridge	2020/21	Northern California Coast	1.17	Tomales-Drake Bays	1.17
21301	Sonoma	116	39.273	39.273	Safety Improvements	2023/24	Northern California Coast	0.83	San Pablo Bay	0.83
21302	Sonoma	12	19.83	19.83	Safety Improvements	2023/24	Northern California Coast	0.99	Russian	1.00
21364	Sonoma	12	27.83	31.667	Safety Improvements	2024/25	Northern California Coast	13.67	San Pablo Bay	13.75
21391	Napa	29	38.9	42.9	Bridge	2020/21	Northern California Coast	1.88	San Pablo Bay	1.88
22013	Marin	1	6.6	49.9	Drainage	2024/25	Northern California Coast	0.91	Tomales-Drake Bays	1.25
22014	Sonoma	1	3	27.1	Drainage	2025/26	Northern California Coast	2.29	Gualala-Salmon	1.55
									Russian	0.43
									Tomales-Drake Bays	0.42
22015	Sonoma	1	27.3	32.5	Drainage	2027/28	Northern California Coast	1.30	Gualala-Salmon	1.32
22016	Sonoma	1	32.9	41.3	Drainage	2026/27	Northern California Coast	1.59	Gualala-Salmon	1.66
22017	Sonoma	1	41.4	51	Drainage	2026/27	Northern California Coast	1.92	Gualala-Salmon	1.99
22018	Sonoma	1	51.1	55	Drainage	2025/26	Northern California Coast	2.10	Gualala-Salmon	2.22
22024	Sonoma	116	5.4	31.5	Drainage	2027/28	Northern California Coast	0.53	Russian	0.70
22025	Sonoma	128	1.1	9.5	Drainage	2027/28	Northern California Coast Ranges	1.54	Russian	1.82
22026	Sonoma	128	11.4	24.3	Drainage	2025/26	Northern California Coast	0.08	Russian	0.94
							Northern California Coast Ranges	0.75		
22027	San Mateo	1	0.4	24.4	Drainage	2027/28	Central California Coast	1.15	San Francisco Coastal South	1.17
22029	San Mateo	35	2.2	29	Drainage	2028/29	Central California Coast	0.97	Coyote	0.04
									San Francisco Bay	0.41
									San Francisco Coastal South	0.55
22033	San Mateo	84	4.1	29.3	Drainage	2028/29	Central California Coast	2.81	San Francisco Bay	2.27
									San Francisco Coastal South	0.56
22035	Napa	121	13.2	22	Drainage	2027/28	Northern California Coast	0.61	San Pablo Bay	0.42
							Northern California Coast Ranges	0.73	Suisun Bay	0.27
									Upper Putah	0.68
22037	Napa	128	0.2	8.4	Drainage	2026/27	Northern California Coast	1.55	San Pablo Bay	1.56
22038	Napa	128	8.5	12.3	Drainage	2028/29	Northern California Coast	0.70	San Pablo Bay	1.36
							Northern California Coast Ranges	0.65		
22040	Napa	128	12.3	15.7	Drainage	2026/27	Northern California Coast Ranges	1.73	San Pablo Bay	1.73
22041	Napa	128	15.7	24.1	Drainage	2027/28	Northern California Coast Ranges	1.50	San Pablo Bay	0.40
									Upper Putah	1.11

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
22045	Napa	128	24.7	33.3	Drainage	2028/29	Northern California Coast Ranges	0.09	Upper Putah	1.32
							Northern California Interior Coast Ranges	1.23		
22046	Santa Clara	35	8	17	Drainage	2027/28	Central California Coast	1.14	Coyote	1.02
									Monterey Bay	0.12
									San Francisco Coastal South	0.04
22047	Santa Clara	25	0.2	2.4	Drainage	2027/28	Central California Coast	1.15	Pajaro	1.15
22048	Marin	131	0.3	2.5	Drainage	2027/28	Northern California Coast	1.97	San Pablo Bay	1.98
22049	Marin	131	2.7	4.4	Drainage	2028/29	Northern California Coast	1.60	San Pablo Bay	1.62
22050	Santa Clara	280	12.1	20.6	Drainage	2026/27	Central California Coast	3.31	Coyote	3.31
22051	Napa	29	15.2	23.1	Drainage	2027/28	Northern California Coast	2.01	San Pablo Bay	2.01

Caltrans District 4 – Ecoregion Sections with Potential Transportation Projects



PATH: \\SAC-SRV01\GIS\PROJECTS\CALTRANS\10235489_CALTRANS_TO4_SAMNA2020\7.2_WORKING\MAP_DOCS\PROCESSING\7_CALTRANSPROJECTS\D04\CALTRANS_ECOREGIONS_ANSIB_D4.MXD - USER: ROLDEN - DATE: 3/31/2021

Caltrans District 4 – Central California Coast Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Chamise - Redshank Chaparral	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Eucalyptus	Fresh Emergent Wetland	Irrigated Row and Field Crops
		Total:	4.95	0.64	0.91	1.06	0.05	1.30	0.60	0.18	0.16	5.99
Amphibians												
California tiger salamander	*Ambystoma californiense*	FE & FT & ST	2.70	0.00	0.23	0.00	0.00	0.25	0.00	0.00	0.16	0.00
California newt	*Taricha torosa*	N/A	4.51	0.00	0.23	0.00	0.00	0.49	0.60	0.18	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.91	0.00	0.05	1.30	0.60	0.18	0.00	0.00
western spadefoot	*Spea hammondii*	FS	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.83
foothill yellow-legged frog	*Rana boylii*	FS	4.95	0.00	0.23	1.06	0.05	0.49	0.60	0.18	0.00	0.00
California red-legged frog	*Rana draytonii*	FT	4.95	0.00	0.91	0.00	0.05	1.30	0.60	0.18	0.16	0.00
Birds												
common loon	*Gavia immer*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	4.95	0.00	0.91	0.00	0.05	1.30	0.60	0.18	0.16	5.99
great egret	*Ardea alba*	N/A	4.95	0.00	0.91	0.00	0.05	1.30	0.00	0.18	0.16	5.99
greater white-fronted goose	*Anser albifrons*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
redhead	*Aythya americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
barrow's goldeneye	*Bucephala islandica*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	4.95	0.64	0.91	0.00	0.05	1.30	0.00	0.18	0.16	0.00
white-tailed kite	*Elanus leucurus*	FS	4.95	0.64	0.91	1.06	0.00	1.30	0.60	0.18	0.16	5.99
bald eagle	*Haliaeetus leucocephalus*	FS & SE	4.95	0.64	0.91	1.06	0.00	1.30	0.60	0.18	0.16	0.00
northern harrier	*Circus cyaneus*	N/A	4.95	0.64	0.91	1.06	0.05	1.30	0.60	0.18	0.16	0.00
Swainson's hawk	*Buteo swainsoni*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
golden eagle	*Aquila chrysaetos*	FS	4.95	0.64	0.91	1.06	0.00	1.30	0.60	0.18	0.16	0.00
peregrine falcon	*Falco peregrinus*	FS	4.95	0.64	0.91	1.06	0.05	1.30	0.60	0.18	0.16	0.00
California quail	*Callipepla californica*	N/A	4.95	0.00	0.91	1.06	0.05	1.30	0.60	0.18	0.00	0.00
black rail	*Laterallus jamaicensis*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00
clapper rail	*Rallus longirostris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00
California clapper rail	*Rallus longirostris obsoletus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00
snowy plover	*Charadrius nivosus*	FT	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
least tern	*Sternula antillarum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	4.84	0.64	0.91	1.03	0.00	1.30	0.60	0.18	0.00	0.00
long-eared owl	*Asio otus*	N/A	4.95	0.00	0.91	1.06	0.00	1.30	0.00	0.18	0.00	0.00
short-eared owl	*Asio flammeus*	N/A	3.00	0.00	0.69	1.03	0.00	1.06	0.46	0.18	0.16	0.00
black swift	*Cypseloides niger*	N/A	1.52	0.61	0.00	0.00	0.05	0.15	0.00	0.18	0.00	0.00
Vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	0.00	0.05	0.24	0.00	0.18	0.00	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	1.06	0.00	0.00	0.00	0.18	0.00	0.00
purple martin	*Progne subis*	N/A	2.70	0.00	0.00	0.00	0.05	0.24	0.00	0.18	0.00	0.00
bank swallow	*Riparia riparia*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.91	1.06	0.00	1.30	0.60	0.18	0.00	0.00
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	4.95	0.64	0.91	1.06	0.05	1.30	0.60	0.18	0.00	0.00
Hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.91	1.06	0.05	1.30	0.60	0.18	0.00	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.91	1.06	0.05	1.30	0.60	0.18	0.00	0.00
common yellowthroat	*Geothlypis trichas*	N/A	4.95	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.16	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.91	1.06	0.05	1.30	0.60	0.18	0.00	0.00
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.91	1.06	0.05	1.30	0.60	0.18	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Chamise - Redshank Chaparral	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Eucalyptus	Fresh Emergent Wetland	Irrigated Row and Field Crops
rufous-crowned sparrow	*Aimophila ruficeps*	N/A	4.95	0.00	0.00	1.06	0.00	0.00	0.60	0.18	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	1.06	0.00	0.00	0.46	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	4.95	0.00	0.91	1.06	0.00	1.30	0.60	0.18	0.00	0.00
Bryant's savannah sparrow	*Passerculus sandwichensis alaudinus*	N/A	3.06	0.00	0.69	1.06	0.00	1.05	0.60	0.18	0.00	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	4.95	0.00	0.91	1.06	0.05	1.30	0.60	0.18	0.16	0.00
suisun song sparrow	*Melospiza melodia maxillaris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
alameda song sparrow	*Melospiza melodia pusillula*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00
Samuel's song sparrow	*Melospiza melodia samuelis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
red-winged blackbird	*Agelaius phoeniceus*	N/A	4.95	0.00	0.00	0.00	0.00	0.00	0.60	0.18	0.16	5.99
tricolored blackbird	*Agelaius tricolor*	FS & ST	4.95	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.16	5.99
fork-tailed storm-petrel	*Oceanodroma furcata*	FS	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ashy storm-petrel	*Oceanodroma homochroa*	FS	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black storm-petrel	*Oceanodroma melania*	N/A	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals												
vagrant shrew	*Sorex vagrans*	N/A	3.14	0.00	0.69	0.00	0.00	1.22	0.60	0.18	0.16	0.00
ornate shrew	*Sorex ornatus*	N/A	4.95	0.00	0.91	0.00	0.00	1.30	0.60	0.18	0.16	0.00
broad-footed mole	*Scapanus latimanus*	N/A	4.95	0.00	0.91	0.00	0.00	1.30	0.60	0.18	0.00	5.99
Yuma myotis	*Myotis yumanensis*	FS	4.95	0.00	0.91	1.06	0.05	1.30	0.60	0.18	0.16	5.99
long-eared myotis	*Myotis evotis*	FS	0.00	0.64	0.91	1.06	0.05	1.30	0.60	0.18	0.16	5.99
fringed myotis	*Myotis thysanodes*	FS	4.95	0.64	0.91	1.06	0.05	1.30	0.60	0.18	0.00	5.99
small-footed myotis	*Myotis ciliolabrum*	FS	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.99
western red bat	*Lasiurus blossevillii*	N/A	4.95	0.00	0.91	1.06	0.00	1.30	0.60	0.18	0.16	0.00
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	4.95	0.64	0.91	1.06	0.00	1.30	0.60	0.18	0.00	5.99
pallid bat	*Antrozous pallidus*	FS	4.95	0.64	0.91	1.06	0.00	1.30	0.60	0.18	0.00	5.99
big free-tailed bat	*Nyctinomops macrotis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western mastiff bat	*Eumops perotis*	FS	4.95	0.64	0.91	1.06	0.05	1.30	0.60	0.18	0.16	5.99
brush rabbit	*Sylvilagus bachmani*	N/A	4.95	0.00	0.91	1.06	0.00	1.30	0.60	0.18	0.00	5.99
black-tailed jackrabbit	*Lepus californicus*	N/A	4.95	0.00	0.91	1.06	0.05	1.30	0.60	0.18	0.00	5.99
San Joaquin pocket mouse	*Perognathus inornatus*	FS	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California pocket mouse	*Chaetodipus californicus*	N/A	2.48	0.00	0.23	0.03	0.00	0.40	0.14	0.00	0.00	0.00
narrow-faced kangaroo rat	*Dipodomys venustus*	N/A	3.39	0.00	0.23	0.05	0.00	0.48	0.20	0.00	0.00	0.00
Santa Cruz kangaroo rat	*Dipodomys venustus venustus*	N/A	3.39	0.00	0.23	0.05	0.00	0.48	0.20	0.00	0.00	0.00
Heermann's kangaroo rat	*Dipodomys heermanni*	N/A	1.77	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
California kangaroo rat	*Dipodomys californicus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
salt-marsh harvest mouse	*Reithrodontomys raviventris*	FE & SE	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	4.95	0.64	0.91	1.06	0.05	1.30	0.60	0.18	0.16	5.99
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	0.91	1.06	0.05	1.30	0.60	0.18	0.00	0.00
California vole	*Microtus californicus*	N/A	4.95	0.00	0.91	0.00	0.00	1.30	0.60	0.18	0.16	5.99
red fox	*Vulpes vulpes*	N/A	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Chamise - Redshank Chaparral	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Eucalyptus	Fresh Emergent Wetland	Irrigated Row and Field Crops
kit fox	*Vulpes macrotis*	N/A	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Joaquin kit fox	*Vulpes macrotis mutica*	FE & ST	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	4.95	0.64	0.91	1.06	0.05	1.30	0.60	0.18	0.00	5.99
American badger	*Taxidea taxus*	N/A	4.95	0.64	0.91	1.06	0.05	1.30	0.60	0.18	0.00	5.99
western spotted skunk	*Spilogale gracilis*	N/A	4.95	0.00	0.91	1.06	0.05	1.30	0.60	0.18	0.00	5.99
mountain lion	*Puma concolor*	ST	4.95	0.00	0.23	1.06	0.05	0.49	0.60	0.18	0.00	0.00
northern fur-seal	*Callorhinus ursinus*	N/A	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Guadalupe fur-seal	*Arctocephalus townsendi*	FT & ST	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern (steller) sea-lion	*Eumetopias jubatus*	N/A	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California sea-lion	*Zalophus Californianus*	N/A	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
harbor seal	*Phoca vitulina*	N/A	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern elephant seal	*Mirounga angustirostris*	N/A	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reptiles												
Blainville's horned lizard	*Phrynosoma blainvillii*	FS	1.14	0.00	0.23	0.05	0.00	0.00	0.13	0.00	0.00	5.99
western skink	*Plestiodon skiltonianus*	N/A	4.95	0.00	0.91	1.06	0.05	1.30	0.60	0.18	0.00	5.99
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.18	0.00	0.00
ring-necked snake	*Diadophis punctatus*	N/A	4.95	0.00	0.91	1.06	0.05	1.30	0.60	0.18	0.16	0.00
coachwhip	*Coluber flagellum*	N/A	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.23	1.06	0.00	0.49	0.60	0.18	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	4.95	0.00	0.91	1.06	0.05	1.30	0.60	0.18	0.16	5.99
California mountain kingsnake	*Lampropeltis zonata*	N/A	2.63	0.00	0.00	0.00	0.05	0.24	0.00	0.18	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	4.95	0.00	0.91	1.06	0.05	1.30	0.60	0.18	0.16	5.99
Invertebrates												
San Bruno elfin butterfly	*Callophrys mossii bayensis*	FE	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bay checkerspot butterfly	*Euphydryas editha bayensis*	FT	1.22	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00
mission blue butterfly	*Plebejus icarioides missionensis*	FE	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
myrtle's silverspot butterfly	*Speyeria zerene myrtleae*	FE	0.00	0.61	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
zayante band-winged grasshopper	*Trimerotropis infantilis*	FE	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
Plants												
San Mateo thorn-mint	*Acanthomintha duttonii*	FE & SE	4.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sonoma alopecurus	*Alopecurus aequalis var. sonomensis*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00
Franciscan manzanita	*Arctostaphylos franciscana*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
Hearsts' manzanita	*Arctostaphylos hookeri ssp. hearstiorum*	SE	2.19	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
San Bruno mountain manzanita	*Arctostaphylos imbricata*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
presidio manzanita	*Arctostaphylos montana ssp. Ravenii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
morro manzanita	*Arctostaphylos morroensis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
pacific manzanita	*Arctostaphylos pacifica*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
pallid manzanita	*Arctostaphylos pallida*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00
marsh sandwort	*Arenaria paludicola*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coastal dunes milk-vetch	*Astragalus tener var. titi*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00

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Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Chamise - Redshank Chaparral	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Eucalyptus	Fresh Emergent Wetland	Irrigated Row and Field Crops
Sonoma sunshine	*Blennosperma bakeri*	FE & SE	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
point reyes blennosperma	*Blennosperma nanum var. robustum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
dwarf goldenstar	*Bloomeria humilis*	FS	2.26	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
tiburon mariposa lily	*Calochortus tiburonensis*	FT & ST	2.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Benito evening-primrose	*Camissonia benitensis*	FT	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tiburon paintbrush	*Castilleja affinis var. neglecta*	FE & ST	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coyote ceanothus	*Ceanothus ferrisiae*	FE	3.44	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00
Hearsts' ceanothus	*Ceanothus hearstiorum*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
maritime ceanothus	*Ceanothus maritimus*	N/A	2.19	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
salt marsh bird's-beak	*Chloropyron maritimum ssp. maritimum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
soft bird's-beak	*Chloropyron molle ssp. molle*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ben Lomond spineflower	*Chorizanthe pungens var. hartwegiana*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monterey spineflower	*Chorizanthe pungens var. pungens*	FT	4.95	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00
scotts valley spineflower	*Chorizanthe robusta var. hartwegii*	FE	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
robust spineflower	*Chorizanthe robusta var. robusta*	FE & FS	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00
sonoma spineflower	*Chorizanthe valida*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
crystal springs fountain thistle	*Cirsium fontinale var. fontinale*	FE & SE	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
surf thistle	*Cirsium rhothophilum*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
la graciosa thistle	*Cirsium scariosum var. loncholepis*	FE & ST	2.19	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
presidio clarkia	*Clarkia franciscana*	FE & SE	4.95	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00
pismo clarkia	*Clarkia speciosa ssp. immaculata*	FE	2.19	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
seaside bird's-beak	*Cordylanthus rigidus ssp. littoralis*	FS & SE	0.00	0.00	0.00	0.00	0.05	0.00	0.40	0.00	0.00	0.00
baker's larkspur	*Delphinium bakeri*	FE & SE	4.95	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00
golden larkspur	*Delphinium luteum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
beach spectaclepod	*Dithyrea maritima*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
Santa Clara valley dudleya	*Dudleya abramsii ssp. setchellii*	FE	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kern mallow	*Eremalche parryi ssp. kernensis*	FE	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lompoc yerba santa	*Eriodictyon capitatum*	FE	0.00	0.00	0.00	0.00	0.05	0.00	0.40	0.00	0.00	0.00
san mateo woolly sunflower	*Eriophyllum latilobum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00
Menzies' wallflower	*Erysimum menziesii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
Santa Cruz wallflower	*Erysimum teretifolium*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Roderick's fritillary	*Fritillaria roderickii*	SE	4.95	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00
Monterey gilia	*Gilia tenuiflora ssp. arenaria*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
Santa Cruz cypress	*Hesperocyparis abramsiana var. abramsiana*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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butano ridge cypress	*Hesperocyparis abramsiana var. butanoensis*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gowen cypress	*Hesperocyparis goveniana*	FT	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
marin western flax	*Hesperolinon congestum*	FT & ST	4.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Santa Cruz tarplant	*Holocarpha macradenia*	FT & SE	2.19	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	4.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
beach layia	*Layia carnosa*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
coast yellow leptosiphon	*Leptosiphon croceus*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
San Francisco lessingia	*Lessingia germanorum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00
mason's lilaeopsis	*Lilaeopsis masonii*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
point reyes meadowfoam	*Limnanthes douglasii ssp. sulphurea*	SE	2.19	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.16	0.00
nipomo mesa lupine	*Lupinus nipomensis*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
Tidestrom's lupine	*Lupinus tidestromii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00
Dudley's lousewort	*Pedicularis dudleyi*	FS	4.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
white-rayed pentachaeta	*Pentachaeta bellidiflora*	FE & SE	4.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Yadon's rein orchid	*Piperia yadonii*	FE	0.00	0.00	0.00	0.00	0.05	0.00	0.40	0.00	0.00	0.00
san francisco popcornflower	*Plagiobothrys diffusus*	SE	4.95	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00
scotts valley polygonum	*Polygonum hickmanii*	FE & SE	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hickman's cinquefoil	*Potentilla hickmanii*	FE & SE	0.00	0.00	0.00	0.00	0.05	0.00	0.40	0.00	0.16	0.00
adobe sanicle	*Sanicula maritima*	N/A	4.95	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00
rock sanicle	*Sanicula saxatilis*	FS	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
metcalf canyon jewelflower	*Streptanthus albidus ssp. albidus*	FE & FS	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tiburon jewelflower	*Streptanthus glandulosus ssp. niger*	FE & SE	2.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California seablite	*Suaeda californica*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	4.95	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00
pacific grove clover	*Trifolium polyodon*	FS	2.19	0.00	0.00	0.00	0.05	0.00	0.40	0.00	0.00	0.00
Monterey clover	*Trifolium trichocalyx*	FE & SE	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Lacustrine	Montane Hardwood-Conifer	Montane Riparian	Orchard-Vineyard	Redwood	Saline Emergent Wetland	Urban	Valley Foothill Riparian	Valley Oak Woodland
		Total:	0.28	3.26	0.10	0.05	0.87	0.53	74.36	0.05	0.83
Amphibians											
California tiger salamander	*Ambystoma californiense*	FE & FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36
California newt	*Taricha torosa*	N/A	0.00	3.26	0.10	0.00	0.00	0.00	0.00	0.05	0.36
ensatina	*Ensatina eschscholtzii*	N/A	0.00	3.26	0.10	0.00	0.87	0.00	0.00	0.05	0.83
western spadefoot	*Spea hammondii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.00	3.26	0.10	0.00	0.87	0.00	0.00	0.05	0.36
California red-legged frog	*Rana draytonii*	FT	0.28	3.26	0.10	0.00	0.87	0.00	0.00	0.05	0.83
Birds											
common loon	*Gavia immer*	N/A	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.28	3.26	0.10	0.00	0.87	0.53	74.36	0.05	0.83
great egret	*Ardea alba*	N/A	0.28	3.26	0.10	0.00	0.87	0.53	74.36	0.05	0.83
greater white-fronted goose	*Anser albifrons*	N/A	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00
redhead	*Aythya americana*	N/A	0.28	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00
barrow's goldeneye	*Bucephala islandica*	N/A	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.28	3.26	0.10	0.00	0.87	0.53	0.00	0.05	0.83
white-tailed kite	*Elanus leucurus*	FS	0.00	0.00	0.00	0.05	0.87	0.53	74.36	0.05	0.83
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.28	3.26	0.10	0.00	0.87	0.53	0.00	0.05	0.83
northern harrier	*Circus cyaneus*	N/A	0.28	3.26	0.10	0.05	0.87	0.53	74.36	0.05	0.83
Swainson's hawk	*Buteo swainsoni*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00
golden eagle	*Aquila chrysaetos*	FS	0.00	3.26	0.10	0.00	0.87	0.00	74.36	0.05	0.83
peregrine falcon	*Falco peregrinus*	FS	0.28	3.26	0.10	0.00	0.87	0.53	74.36	0.05	0.83
California quail	*Callipepla californica*	N/A	0.00	3.26	0.10	0.05	0.87	0.00	74.36	0.05	0.83
black rail	*Laterallus jamaicensis*	FS & ST	0.28	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.00
clapper rail	*Rallus longirostris*	N/A	0.28	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.00
California clapper rail	*Rallus longirostris obsoletus*	FE & SE	0.28	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.00
snowy plover	*Charadrius nivosus*	FT	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
least tern	*Sternula antillarum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.00	0.00	0.00	0.00	0.00	0.00	73.95	0.05	0.83
long-eared owl	*Asio otus*	N/A	0.00	3.26	0.10	0.00	0.00	0.00	0.00	0.05	0.83
short-eared owl	*Asio flammeus*	N/A	0.00	0.81	0.10	0.00	0.16	0.47	73.21	0.05	0.46
black swift	*Cypseloides niger*	N/A	0.00	0.00	0.00	0.00	0.05	0.00	0.06	0.05	0.00
Vaux's swift	*Chaetura vauxi*	N/A	0.00	2.33	0.00	0.00	0.61	0.00	42.12	0.00	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	3.26	0.10	0.00	0.87	0.00	0.00	0.00	0.00
purple martin	*Progne subis*	N/A	0.00	2.77	0.10	0.00	0.87	0.00	33.58	0.05	0.00
bank swallow	*Riparia riparia*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	24.40	0.00	0.00
Bewick's wren	*Thryomanes bewickii*	N/A	0.00	3.26	0.10	0.05	0.87	0.00	74.36	0.05	0.83
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.10	0.00	0.00	0.53	0.00	0.05	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.00	3.26	0.10	0.05	0.00	0.00	74.36	0.05	0.83
Hutton's vireo	*Vireo huttoni*	N/A	0.00	3.26	0.10	0.05	0.87	0.00	74.36	0.05	0.83
yellow warbler	*Setophaga petechia*	N/A	0.00	3.26	0.10	0.00	0.87	0.00	74.26	0.05	0.83
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.10	0.00	0.00	0.53	0.00	0.05	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	3.26	0.10	0.05	0.87	0.00	74.36	0.05	0.83
California towhee	*Pipilo crissalis*	N/A	0.00	3.26	0.10	0.05	0.00	0.00	74.36	0.05	0.83
rufous-crowned sparrow	*Aimophila ruficeps*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Lacustrine	Montane Hardwood-Conifer	Montane Riparian	Orchard-Vineyard	Redwood	Saline Emergent Wetland	Urban	Valley Foothill Riparian	Valley Oak Woodland
savannah sparrow	*Passerculus sandwichensis*	N/A	0.00	0.00	0.00	0.05	0.00	0.53	0.00	0.05	0.83
Bryant's savannah sparrow	*Passerculus sandwichensis alaudinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.46
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.28	3.26	0.10	0.05	0.87	0.53	74.36	0.05	0.83
suisun song sparrow	*Melospiza melodia maxillaris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.00
alameda song sparrow	*Melospiza melodia pusillula*	N/A	0.00	0.00	0.00	0.00	0.00	0.48	59.77	0.00	0.00
Samuel's song sparrow	*Melospiza melodia samuelis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	27.42	0.00	0.00
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.00	0.10	0.05	0.00	0.53	74.36	0.05	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.00	0.00	0.05	0.00	0.00	74.36	0.05	0.00
fork-tailed storm-petrel	*Oceanodroma furcata*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ashy storm-petrel	*Oceanodroma homochroa*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black storm-petrel	*Oceanodroma melania*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals											
vagrant shrew	*Sorex vagrans*	N/A	0.00	0.44	0.10	0.00	0.30	0.48	0.00	0.05	0.73
ornate shrew	*Sorex ornatus*	N/A	0.00	3.26	0.10	0.00	0.00	0.53	0.00	0.05	0.83
broad-footed mole	*Scapanus latimanus*	N/A	0.00	3.26	0.10	0.05	0.87	0.00	0.00	0.05	0.83
Yuma myotis	*Myotis yumanensis*	FS	0.28	3.26	0.10	0.05	0.87	0.00	74.36	0.05	0.83
long-eared myotis	*Myotis evotis*	FS	0.28	3.26	0.10	0.05	0.87	0.00	0.00	0.05	0.83
fringed myotis	*Myotis thysanodes*	FS	0.28	3.26	0.10	0.00	0.87	0.00	74.36	0.05	0.83
small-footed myotis	*Myotis ciliolabrum*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western red bat	*Lasiurus blossevillii*	N/A	0.28	3.26	0.10	0.00	0.87	0.00	74.36	0.05	0.83
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.00	3.26	0.10	0.05	0.87	0.00	74.36	0.05	0.83
pallid bat	*Antrozous pallidus*	FS	0.00	3.26	0.10	0.05	0.87	0.00	74.36	0.05	0.83
big free-tailed bat	*Nyctinomops macrotis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	13.78	0.00	0.00
western mastiff bat	*Eumops perotis*	FS	0.00	3.26	0.10	0.00	0.00	0.00	74.26	0.05	0.83
brush rabbit	*Sylvilagus bachmani*	N/A	0.00	3.26	0.10	0.05	0.87	0.00	74.36	0.05	0.83
black-tailed jackrabbit	*Lepus californicus*	N/A	0.00	3.26	0.10	0.05	0.87	0.00	74.36	0.05	0.83
San Joaquin pocket mouse	*Perognathus inornatus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California pocket mouse	*Chaetodipus californicus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36
narrow-faced kangaroo rat	*Dipodomys venustus*	N/A	0.00	0.00	0.00	0.00	0.87	0.00	0.00	0.00	0.36
Santa Cruz kangaroo rat	*Dipodomys venustus venustus*	N/A	0.00	0.00	0.00	0.00	0.87	0.00	0.00	0.00	0.36
Heermann's kangaroo rat	*Dipodomys heermanni*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California kangaroo rat	*Dipodomys californicus*	N/A	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
salt-marsh harvest mouse	*Reithrodontomys raviventris*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.00	3.26	0.10	0.05	0.87	0.53	74.36	0.05	0.83
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	3.26	0.10	0.00	0.87	0.00	0.00	0.05	0.83
California vole	*Microtus californicus*	N/A	0.00	3.26	0.10	0.05	0.87	0.53	74.36	0.05	0.83
red fox	*Vulpes vulpes*	N/A	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
kit fox	*Vulpes macrotis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Joaquin kit fox	*Vulpes macrotis mutica*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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ringtail	*Bassariscus astutus*	N/A	0.00	3.26	0.10	0.00	0.87	0.00	0.00	0.05	0.83
American badger	*Taxidea taxus*	N/A	0.00	3.26	0.10	0.05	0.87	0.00	0.00	0.05	0.83
western spotted skunk	*Spilogale gracilis*	N/A	0.00	3.26	0.10	0.05	0.87	0.00	74.36	0.05	0.83
mountain lion	*Puma concolor*	ST	0.00	3.26	0.10	0.00	0.87	0.00	0.00	0.05	0.36
northern fur-seal	*Callorhinus ursinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Guadalupe fur-seal	*Arctocephalus townsendi*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern (steller) sea-lion	*Eumetopias jubatus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California sea-lion	*Zalophus Californianus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
harbor seal	*Phoca vitulina*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern elephant seal	*Mirounga angustirostris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reptiles											
Blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.00	2.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.00	3.26	0.10	0.05	0.87	0.00	0.00	0.05	0.83
northern rubber boa	*Charina bottae*	N/A	0.00	3.26	0.10	0.00	0.87	0.00	0.00	0.05	0.00
ring-necked snake	*Diadophis punctatus*	N/A	0.00	3.26	0.10	0.00	0.00	0.00	74.36	0.05	0.83
coachwhip	*Coluber flagellum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
striped racer	*Coluber lateralis*	N/A	0.00	3.26	0.10	0.00	0.00	0.00	0.00	0.05	0.36
gophersnake	*Pituophis catenifer*	N/A	0.00	3.26	0.10	0.05	0.87	0.00	74.36	0.05	0.83
California mountain kingsnake	*Lampropeltis zonata*	N/A	0.00	2.77	0.10	0.00	0.87	0.00	0.00	0.05	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	0.28	3.26	0.10	0.05	0.87	0.00	0.00	0.05	0.83
Invertebrates											
San Bruno elfin butterfly	*Callophrys mossii bayensis*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bay checkerspot butterfly	*Euphydryas editha bayensis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mission blue butterfly	*Plebejus icarioides missionensis*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
myrtle's silverspot butterfly	*Speyeria zerene myrtleae*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
zayante band-winged grasshopper	*Trimerotropis infantilis*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants											
San Mateo thorn-mint	*Acanthomintha duttonii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sonoma alopecurus	*Alopecurus aequalis var. sonomensis*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
Franciscan manzanita	*Arctostaphylos franciscana*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearsts' manzanita	*Arctostaphylos hookeri ssp. hearstiorum*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Bruno mountain manzanita	*Arctostaphylos imbricata*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
presidio manzanita	*Arctostaphylos montana ssp. Ravenii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
morro manzanita	*Arctostaphylos morroensis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pacific manzanita	*Arctostaphylos pacifica*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pallid manzanita	*Arctostaphylos pallida*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marsh sandwort	*Arenaria paludicola*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.00
coastal dunes milk-vetch	*Astragalus tener var. titi*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sonoma sunshine	*Blennosperma bakeri*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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point reyes blennosperma	*Blennosperma nanum var. robustum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dwarf goldenstar	*Bloomeria humilis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tiburon mariposa lily	*Calochortus tiburonensis*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Benito evening-primrose	*Camissonia benitensis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tiburon paintbrush	*Castilleja affinis var. neglecta*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coyote ceanothus	*Ceanothus ferrisiae*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearsts' ceanothus	*Ceanothus hearstiorum*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
maritime ceanothus	*Ceanothus maritimus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
salt marsh bird's-beak	*Chloropyron maritimum ssp. maritimum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00
soft bird's-beak	*Chloropyron molle ssp. molle*	FE	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00
Ben Lomond spineflower	*Chorizanthe pungens var. hartwegiana*	FE	0.00	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monterey spineflower	*Chorizanthe pungens var. pungens*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
scotts valley spineflower	*Chorizanthe robusta var. hartwegii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
robust spineflower	*Chorizanthe robusta var. robusta*	FE & FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sonoma spineflower	*Chorizanthe valida*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
crystal springs fountain thistle	*Cirsium fontinale var. fontinale*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
surf thistle	*Cirsium rhothophilum*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
la graciosa thistle	*Cirsium scariosum var. loncholepis*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00
presidio clarkia	*Clarkia franciscana*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pismo clarkia	*Clarkia speciosa ssp. immaculata*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
seaside bird's-beak	*Cordylanthus rigidus ssp. littoralis*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
baker's larkspur	*Delphinium bakeri*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
golden larkspur	*Delphinium luteum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
beach spectaclepod	*Dithyrea maritima*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Santa Clara valley dudleya	*Dudleya abramsii ssp. setchellii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kern mallow	*Eremalche parryi ssp. kernensis*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lompoc yerba santa	*Eriodictyon capitatum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san mateo woolly sunflower	*Eriophyllum latilobum*	FE & SE	0.00	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
menzies' wallflower	*Erysimum menziesii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Santa Cruz wallflower	*Erysimum teretifolium*	FE & SE	0.00	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Roderick's fritillary	*Fritillaria roderickii*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monterey gilia	*Gilia tenuiflora ssp. arenaria*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Santa Cruz cypress	*Hesperocyparis abramsiana var. abramsiana*	FT & SE	0.00	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Lacustrine	Montane Hardwood-Conifer	Montane Riparian	Orchard-Vineyard	Redwood	Saline Emergent Wetland	Urban	Valley Foothill Riparian	Valley Oak Woodland
butano ridge cypress	*Hesperocyparis abramsiana var. butanoensis*	FT & SE	0.00	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gowen cypress	*Hesperocyparis goveniana*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marin western flax	*Hesperolinon congestum*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Santa Cruz tarplant	*Holocarpha macradenia*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
beach layia	*Layia carnosa*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coast yellow leptosiphon	*Leptosiphon croceus*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Francisco lessingia	*Lessingia germanorum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mason's lilaeopsis	*Lilaeopsis masonii*	N/A	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00
point reyes meadowfoam	*Limnanthes douglasii ssp. sulphurea*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
nipomo mesa lupine	*Lupinus nipomensis*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tidestrom's lupine	*Lupinus tidestromii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dudley's lousewort	*Pedicularis dudleyi*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
white-rayed pentachaeta	*Pentachaeta bellidiflora*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yadon's rein orchid	*Piperia yadonii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Francisco popcornflower	*Plagiobothrys diffusus*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
scotts valley polygonum	*Polygonum hickmanii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hickman's cinquefoil	*Potentilla hickmanii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
adobe sanicle	*Sanicula maritima*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
rock sanicle	*Sanicula saxatilis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
metcalf canyon jewelflower	*Streptanthus albidus ssp. albidus*	FE & FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tiburon jewelflower	*Streptanthus glandulosus ssp. niger*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California seablite	*Suaeda californica*	FE	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pacific grove clover	*Trifolium polyodon*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monterey clover	*Trifolium trichocalyx*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 4 – Great Valley Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grassland	Riverine	Valley Foothill Riparian
		Total:	0.54	0.51	0.57
Amphibians					
California tiger salamander	*Ambystoma californiense*	FE & FT & ST	0.54	0.00	0.57
western spadefoot	*Spea hammondii*	FS	0.54	0.51	0.00
Birds					
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.51	0.00
great blue heron	*Ardea herodias*	N/A	0.54	0.51	0.57
great egret	*Ardea alba*	N/A	0.54	0.51	0.57
greater white-fronted goose	*Anser albifrons*	N/A	0.54	0.51	0.00
tule greater white-fronted goose	*Anser albifrons elgasi*	N/A	0.00	0.51	0.00
redhead	*Aythya americana*	N/A	0.00	0.51	0.00
barrow's goldeneye	*Bucephala islandica*	N/A	0.00	0.51	0.00
osprey	*Pandion haliaetus*	FS	0.54	0.51	0.57
white-tailed kite	*Elanus leucurus*	FS	0.54	0.00	0.57
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.54	0.51	0.57
northern harrier	*Circus cyaneus*	N/A	0.54	0.51	0.57
Swainson's hawk	*Buteo swainsoni*	FS & ST	0.54	0.00	0.57
golden eagle	*Aquila chrysaetos*	FS	0.54	0.00	0.57
peregrine falcon	*Falco peregrinus*	FS	0.54	0.51	0.57
California quail	*Callipepla californica*	N/A	0.54	0.00	0.57
black rail	*Laterallus jamaicensis*	FS & ST	0.00	0.51	0.00
sandhill crane	*Grus canadensis*	N/A	0.54	0.00	0.57
mountain plover	*Charadrius montanus*	FS	0.54	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.54	0.00	0.57
long-eared owl	*Asio otus*	N/A	0.54	0.00	0.57
short-eared owl	*Asio flammeus*	N/A	0.54	0.00	0.57
Bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.57
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.57
loggerhead shrike	*Lanius ludovicianus*	N/A	0.54	0.00	0.57
Hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.57
common yellowthroat	*Geothlypis trichas*	N/A	0.54	0.00	0.57
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.57
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.57
savannah sparrow	*Passerculus sandwichensis*	N/A	0.54	0.00	0.57
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.54	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.54	0.51	0.57
Modesto song sparrow	*Melospiza melodia mailliardi*	N/A	0.54	0.51	0.57
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.54	0.00	0.57
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.54	0.00	0.57
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.54	0.00	0.00
Mammals					
ornate shrew	*Sorex ornatus*	N/A	0.54	0.00	0.57
Yuma myotis	*Myotis yumanensis*	FS	0.54	0.51	0.57
western red bat	*Lasiurus blossevillii*	N/A	0.54	0.51	0.57
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.54	0.51	0.57
pallid bat	*Antrozous pallidus*	FS	0.54	0.51	0.57
black-tailed jackrabbit	*Lepus californicus*	N/A	0.54	0.00	0.57
San Joaquin pocket mouse	*Perognathus inornatus*	FS	0.54	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.54	0.00	0.57
California vole	*Microtus californicus*	N/A	0.54	0.00	0.57
red fox	*Vulpes vulpes*	N/A	0.54	0.00	0.00
Sacramento valley red fox	*Vulpes vulpes patwin*	N/A	0.54	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Annual Grassland	Riverine	Valley Foothill Riparian
ringtail	*Bassariscus astutus*	N/A	0.54	0.00	0.57
American badger	*Taxidea taxus*	N/A	0.54	0.00	0.57
western spotted skunk	*Spilogale gracilis*	N/A	0.54	0.00	0.57
northern river otter	*Lontra canadensis*	N/A	0.00	0.51	0.57
California sea-lion	*Zalophus Californianus*	N/A	0.00	0.51	0.00
harbor seal	*Phoca vitulina*	N/A	0.00	0.51	0.00
Reptiles					
Blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.54	0.00	0.57
gophersnake	*Pituophis catenifer*	N/A	0.54	0.00	0.57
common gartersnake	*Thamnophis sirtalis*	N/A	0.54	0.00	0.57
giant gartersnake	*Thamnophis gigas*	FT & ST	0.54	0.51	0.57
Plants					
Clara Hunt's milk-vetch	*Astragalus claranus*	FE & ST	0.54	0.00	0.00
succulent owl's-clover	*Castilleja campestris var. succulenta*	FT & SE	0.54	0.00	0.00
palmate-bracted bird's-beak	*Chloropyron palmatum*	FE & SE	0.54	0.00	0.00
Hoover's spurge	*Euphorbia hooveri*	FT	0.54	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.54	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	0.54	0.00	0.00
butte county meadowfoam	*Limnanthes floccosa ssp. californica*	FE & SE	0.54	0.00	0.00
colusa grass	*Neostapfia colusana*	FT & SE	0.54	0.00	0.00
hairy orcutt grass	*Orcuttia pilosa*	FE & SE	0.54	0.00	0.00
slender orcutt grass	*Orcuttia tenuis*	FT & SE	0.54	0.00	0.00
Sacramento orcutt grass	*Orcuttia viscida*	FE & SE	0.54	0.00	0.00
Greene's tuctoria	*Tuctoria greenei*	FE	0.54	0.00	0.00
Crampton's tuctoria or solano grass	*Tuctoria mucronata*	FE & SE	0.54	0.00	0.00

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Units are in acres

Caltrans District 4 – Northern California Coast Ranges Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise-Redshank Chaparral	Coastal Oak Woodland	Lacustrine	Mixed Chaparral
		Total:	0.64	2.10	0.25	0.04	0.21	0.55	0.03	0.62
Amphibians										
California newt	*Taricha torosa*	N/A	0.64	0.00	0.25	0.04	0.00	0.55	0.03	0.62
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.25	0.04	0.00	0.55	0.00	0.62
foothill yellow-legged frog	*Rana boylii*	FS	0.64	0.00	0.25	0.04	0.21	0.55	0.00	0.62
California red-legged frog	*Rana draytonii*	FT	0.64	0.00	0.25	0.04	0.00	0.55	0.03	0.62
Birds										
common loon	*Gavia immer*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	1.93	0.00	0.00	0.00	0.00	0.03	0.00
great blue heron	*Ardea herodias*	N/A	0.64	0.00	0.25	0.04	0.00	0.55	0.03	0.00
great egret	*Ardea alba*	N/A	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.00
redhead	*Aythya americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
barrow's goldeneye	*Bucephala islandica*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
osprey	*Pandion haliaetus*	FS	0.64	2.10	0.25	0.04	0.00	0.55	0.03	0.62
white-tailed kite	*Elanus leucurus*	FS	0.64	2.10	0.25	0.04	0.21	0.55	0.00	0.62
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.64	2.10	0.25	0.04	0.21	0.55	0.03	0.62
northern harrier	*Circus cyaneus*	N/A	0.64	2.10	0.25	0.04	0.21	0.55	0.03	0.62
golden eagle	*Aquila chrysaetos*	FS	0.64	2.10	0.25	0.04	0.21	0.55	0.00	0.62
peregrine falcon	*Falco peregrinus*	FS	0.64	2.10	0.25	0.04	0.21	0.55	0.03	0.62
California quail	*Callipepla californica*	N/A	0.64	0.00	0.25	0.04	0.21	0.55	0.00	0.62
burrowing owl	*Athene cunicularia*	FS	0.02	1.91	0.00	0.00	0.00	0.05	0.00	0.00
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00
northern spotted owl	*Strix occidentalis caurina*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00
long-eared owl	*Asio otus*	N/A	0.64	0.00	0.25	0.04	0.21	0.55	0.00	0.62
short-eared owl	*Asio flammeus*	N/A	0.62	0.00	0.25	0.04	0.21	0.51	0.00	0.62
Vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.04	0.21	0.00	0.00	0.62
purple martin	*Progne subis*	N/A	0.64	0.00	0.25	0.04	0.00	0.55	0.03	0.00
Bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.25	0.04	0.21	0.55	0.00	0.62
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.64	2.10	0.25	0.04	0.21	0.55	0.00	0.62
Hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.25	0.04	0.21	0.55	0.00	0.62
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
common yellowthroat	*Geothlypis trichas*	N/A	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.25	0.04	0.21	0.55	0.00	0.62
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.25	0.04	0.21	0.55	0.00	0.62
rufous-crowned sparrow	*Aimophila ruficeps*	N/A	0.64	0.00	0.00	0.04	0.21	0.00	0.00	0.62
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.62
savannah sparrow	*Passerculus sandwichensis*	N/A	0.64	0.00	0.25	0.04	0.21	0.55	0.00	0.62
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.64	0.00	0.25	0.04	0.21	0.55	0.03	0.62
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals										
ornate shrew	*Sorex ornatus*	N/A	0.64	0.00	0.25	0.04	0.00	0.55	0.00	0.62
broad-footed mole	*Scapanus latimanus*	N/A	0.64	0.00	0.25	0.04	0.00	0.55	0.00	0.00
Yuma myotis	*Myotis yumanensis*	FS	0.64	0.00	0.25	0.04	0.21	0.55	0.03	0.62
long-eared myotis	*Myotis evotis*	FS	0.00	2.10	0.25	0.04	0.21	0.55	0.03	0.62
fringed myotis	*Myotis thysanodes*	FS	0.64	2.10	0.25	0.04	0.21	0.55	0.03	0.62
western red bat	*Lasiurus blossevillii*	N/A	0.64	0.00	0.25	0.04	0.21	0.55	0.03	0.62

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise-Redshank Chaparral	Coastal Oak Woodland	Lacustrine	Mixed Chaparral
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.64	2.10	0.25	0.04	0.21	0.55	0.00	0.62
pallid bat	*Antrozous pallidus*	FS	0.64	2.10	0.25	0.04	0.21	0.55	0.00	0.62
brush rabbit	*Sylvilagus bachmani*	N/A	0.64	0.00	0.25	0.04	0.21	0.55	0.00	0.62
black-tailed jackrabbit	*Lepus californicus*	N/A	0.64	0.00	0.25	0.04	0.21	0.55	0.00	0.62
California kangaroo rat	*Dipodomys californicus*	N/A	0.64	0.00	0.25	0.04	0.00	0.55	0.00	0.62
deer mouse	*Peromyscus maniculatus*	N/A	0.64	2.10	0.25	0.04	0.21	0.55	0.00	0.62
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	0.25	0.04	0.21	0.55	0.00	0.62
California vole	*Microtus californicus*	N/A	0.64	0.00	0.25	0.04	0.00	0.55	0.00	0.62
ringtail	*Bassariscus astutus*	N/A	0.64	2.10	0.25	0.04	0.21	0.55	0.00	0.62
American badger	*Taxidea taxus*	N/A	0.64	2.10	0.25	0.04	0.21	0.55	0.00	0.62
western spotted skunk	*Spilogale gracilis*	N/A	0.64	0.00	0.25	0.04	0.21	0.55	0.00	0.62
mountain lion	*Puma concolor*	ST	0.64	0.00	0.25	0.04	0.21	0.55	0.00	0.62
Reptiles										
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62
western skink	*Plestiodon skiltonianus*	N/A	0.64	0.00	0.25	0.04	0.21	0.55	0.00	0.62
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ring-necked snake	*Diadophis punctatus*	N/A	0.64	0.00	0.25	0.04	0.21	0.55	0.00	0.62
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.25	0.04	0.21	0.55	0.00	0.62
gophersnake	*Pituophis catenifer*	N/A	0.64	0.00	0.25	0.04	0.21	0.55	0.00	0.62
California mountain kingsnake	*Lampropeltis zonata*	N/A	0.64	0.00	0.25	0.04	0.00	0.55	0.00	0.62
common gartersnake	*Thamnophis sirtalis*	N/A	0.64	0.00	0.25	0.04	0.21	0.55	0.03	0.62
Invertebrates										
valley elderberry longhorn beetle	*Desmocerus californicus dimorphus*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants										
Clara Hunt's milk-vetch	*Astragalus claranus*	FE & ST	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.62
Indian valley brodiaea	*Brodiaea rosea*	FS & SE	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.62
tiburon paintbrush	*Castilleja affinis var. neglecta*	FE & ST	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loch lomond button-celery	*Eryngium constancei*	FE & SE	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Roderick's fritillary	*Fritillaria roderickii*	SE	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county western flax	*Hesperolinon didymocarpum*	FS & SE	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.62
Burke's goldfields	*Lasthenia burkei*	FE & SE	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pitkin marsh lily	*Lilium pardalinum ssp. pitkinense*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
milo baker's lupine	*Lupinus milo-bakeri*	ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
few-flowered navarretia	*Navarretia leucocephala ssp. pauciflora*	FE & ST	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
many-flowered navarretia	*Navarretia leucocephala ssp. plieantha*	FE & SE	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender orcutt grass	*Orcuttia tenuis*	FT & SE	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
geysers panicum	*Panicum acuminatum var. thermale*	SE	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
calistoga popcornflower	*Plagiobothrys strictus*	FE & ST	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county stonecrop	*Sedella leiocarpa*	FE & SE	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Keck's checkerbloom	*Sidalcea keckii*	FE	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Mixed Chaparral	Montane Hardwood	Montane Riparian	Orchard-Vineyard	Pasture	Perennial Grass	Urban	Vineyard
		Total:	0.62	1.19	1.49	0.20	0.07	0.11	0.37	0.06
Amphibians										
California newt	*Taricha torosa*	N/A	0.62	0.00	1.49	0.00	0.00	0.00	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.62	1.19	1.49	0.00	0.00	0.00	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.62	1.19	1.49	0.00	0.00	0.00	0.00	0.00
California red-legged frog	*Rana draytonii*	FT	0.62	1.19	1.49	0.00	0.00	0.11	0.00	0.00
Birds										
common loon	*Gavia immer*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.00	1.19	1.49	0.00	0.00	0.11	0.37	0.00
great egret	*Ardea alba*	N/A	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
redhead	*Aythya americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
barrow's goldeneye	*Bucephala islandica*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.62	1.19	1.49	0.00	0.00	0.11	0.00	0.00
white-tailed kite	*Elanus leucurus*	FS	0.62	0.00	0.00	0.20	0.00	0.11	0.37	0.06
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.62	1.19	1.49	0.00	0.00	0.11	0.00	0.00
northern harrier	*Circus cyaneus*	N/A	0.62	1.19	1.49	0.20	0.00	0.11	0.37	0.06
golden eagle	*Aquila chrysaetos*	FS	0.62	1.19	1.49	0.00	0.07	0.11	0.37	0.00
peregrine falcon	*Falco peregrinus*	FS	0.62	1.19	1.49	0.00	0.00	0.11	0.37	0.00
California quail	*Callipepla californica*	N/A	0.62	1.19	1.49	0.20	0.00	0.11	0.37	0.06
burrowing owl	*Athene cunicularia*	FS	0.00	0.00	0.00	0.00	0.07	0.00	0.12	0.00
spotted owl	*Strix occidentalis*	N/A	0.00	0.08	0.17	0.00	0.00	0.00	0.00	0.00
northern spotted owl	*Strix occidentalis caurina*	FT & ST	0.00	0.08	0.17	0.00	0.00	0.00	0.00	0.00
long-eared owl	*Asio otus*	N/A	0.62	1.19	1.49	0.00	0.07	0.11	0.00	0.00
short-eared owl	*Asio flammeus*	N/A	0.62	0.00	1.49	0.00	0.00	0.11	0.26	0.00
Vaux's swift	*Chaetura vauxi*	N/A	0.00	0.06	0.00	0.00	0.00	0.00	0.12	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.62	1.19	1.49	0.00	0.00	0.00	0.00	0.00
purple martin	*Progne subis*	N/A	0.00	1.19	1.49	0.00	0.00	0.11	0.37	0.00
Bewick's wren	*Thryomanes bewickii*	N/A	0.62	1.19	1.49	0.20	0.00	0.00	0.37	0.00
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.62	1.19	1.49	0.20	0.00	0.11	0.37	0.06
Hutton's vireo	*Vireo huttoni*	N/A	0.62	1.19	1.49	0.20	0.00	0.00	0.37	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.06	0.00	0.00	0.00	0.00	0.12	0.00
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	1.49	0.00	0.00	0.11	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.62	1.19	1.49	0.20	0.00	0.00	0.37	0.00
California towhee	*Pipilo crissalis*	N/A	0.62	1.19	1.49	0.20	0.00	0.00	0.37	0.00
rufous-crowned sparrow	*Aimophila ruficeps*	N/A	0.62	0.00	0.00	0.00	0.00	0.11	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.62	0.00	0.00	0.20	0.07	0.11	0.00	0.06
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.62	1.19	1.49	0.20	0.00	0.11	0.37	0.00
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.00	1.49	0.20	0.00	0.11	0.37	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.00	0.00	0.20	0.00	0.11	0.26	0.00
Mammals										
ornate shrew	*Sorex ornatus*	N/A	0.62	0.00	1.49	0.00	0.00	0.11	0.00	0.00
broad-footed mole	*Scapanus latimanus*	N/A	0.00	1.19	1.49	0.20	0.07	0.11	0.00	0.06
Yuma myotis	*Myotis yumanensis*	FS	0.62	1.19	1.49	0.20	0.07	0.11	0.37	0.06
long-eared myotis	*Myotis evotis*	FS	0.62	1.19	1.49	0.20	0.07	0.11	0.00	0.06
fringed myotis	*Myotis thysanodes*	FS	0.62	1.19	1.49	0.00	0.07	0.11	0.37	0.00
western red bat	*Lasiurus blossevillii*	N/A	0.62	1.19	1.49	0.00	0.07	0.11	0.37	0.00
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.62	1.19	1.49	0.20	0.07	0.11	0.37	0.06
pallid bat	*Antrozous pallidus*	FS	0.62	1.19	1.49	0.20	0.07	0.11	0.37	0.06
brush rabbit	*Sylvilagus bachmani*	N/A	0.62	1.19	1.49	0.20	0.07	0.11	0.37	0.06
black-tailed jackrabbit	*Lepus californicus*	N/A	0.62	1.19	1.49	0.20	0.07	0.11	0.37	0.06

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Common Name	Species Name	Status	Mixed Chaparral	Montane Hardwood	Montane Riparian	Orchard-Vineyard	Pasture	Perennial Grass	Urban	Vineyard
California kangaroo rat	*Dipodomys californicus*	N/A	0.62	1.19	0.00	0.20	0.00	0.00	0.00	0.06
deer mouse	*Peromyscus maniculatus*	N/A	0.62	1.19	1.49	0.20	0.07	0.11	0.37	0.06
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.62	1.19	1.49	0.00	0.00	0.11	0.00	0.00
California vole	*Microtus californicus*	N/A	0.62	1.19	1.49	0.20	0.07	0.11	0.37	0.06
ringtail	*Bassariscus astutus*	N/A	0.62	1.19	1.49	0.00	0.07	0.11	0.00	0.06
American badger	*Taxidea taxus*	N/A	0.62	1.19	1.49	0.20	0.07	0.11	0.00	0.06
western spotted skunk	*Spilogale gracilis*	N/A	0.62	1.19	1.49	0.20	0.07	0.11	0.37	0.06
mountain lion	*Puma concolor*	ST	0.62	1.19	1.49	0.20	0.07	0.11	0.00	0.06
Reptiles										
common sagebrush lizard	*Sceloporus graciosus*	FS	0.62	1.19	0.00	0.00	0.00	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.62	1.19	1.49	0.20	0.07	0.11	0.00	0.06
northern rubber boa	*Charina bottae*	N/A	0.00	1.19	1.49	0.00	0.00	0.00	0.00	0.00
ring-necked snake	*Diadophis punctatus*	N/A	0.62	1.19	1.49	0.00	0.07	0.11	0.37	0.00
striped racer	*Coluber lateralis*	N/A	0.62	1.19	1.49	0.00	0.00	0.00	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	0.62	1.19	1.49	0.20	0.07	0.11	0.37	0.06
California mountain kingsnake	*Lampropeltis zonata*	N/A	0.62	1.19	1.49	0.00	0.00	0.00	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	0.62	1.19	1.49	0.20	0.07	0.11	0.00	0.06
Invertebrates										
valley elderberry longhorn beetle	*Desmocerus californicus dimorphus*	FT	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
Plants										
Clara Hunt's milk-vetch	*Astragalus claranus*	FE & ST	0.62	1.19	0.00	0.00	0.00	0.00	0.00	0.00
Indian valley brodiaea	*Brodiaea rosea*	FS & SE	0.62	1.13	0.00	0.00	0.00	0.00	0.00	0.00
tiburon paintbrush	*Castilleja affinis var. neglecta*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loch lomond button-celery	*Eryngium constancei*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Roderick's fritillary	*Fritillaria roderickii*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county western flax	*Hesperolinon didymocarpum*	FS & SE	0.62	1.13	0.00	0.00	0.00	0.00	0.00	0.00
Burke's goldfields	*Lasthenia burkei*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
pitkin marsh lily	*Lilium pardalinum ssp. pitkinense*	FE & SE	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
milo baker's lupine	*Lupinus milo-bakeri*	ST	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
few-flowered navarretia	*Navarretia leucocephala ssp. pauciflora*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
many-flowered navarretia	*Navarretia leucocephala ssp. plieantha*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender orcutt grass	*Orcuttia tenuis*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
geysers panicum	*Panicum acuminatum var. thermale*	SE	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.00
Calistoga popcornflower	*Plagiobothrys strictus*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county stonecrop	*Sedella leiocarpa*	FE & SE	0.00	1.13	0.00	0.00	0.00	0.00	0.00	0.00
Keck's checkerbloom	*Sidalcea keckii*	FE	0.00	1.13	0.00	0.00	0.00	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Caltrans District 4 – Northern California Coast Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Douglas-Fir	Eucalyptus	Lacustrine	Marine
		Total:	5.57	286.36	1.46	0.43	0.35	1.04	0.07	1.30	0.05
Amphibians											
California newt	*Taricha torosa*	N/A	1.67	0.00	0.00	0.43	0.19	0.94	0.07	0.29	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	1.46	0.43	0.35	1.04	0.06	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	5.45	0.00	1.46	0.43	0.35	1.04	0.07	0.00	0.00
California red-legged frog	*Rana draytonii*	FT	5.57	0.00	1.46	0.43	0.35	1.04	0.07	1.30	0.00
Birds											
common loon	*Gavia immer*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.05
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	285.58	0.00	0.00	0.00	0.00	0.00	0.29	0.00
great blue heron	*Ardea herodias*	N/A	5.57	0.00	1.46	0.43	0.35	1.04	0.07	1.30	0.05
great egret	*Ardea alba*	N/A	4.83	0.00	1.46	0.43	0.00	0.94	0.07	0.29	0.00
brant	*Branta bernicla*	N/A	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
redhead	*Aythya Americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.02
harlequin duck	*Histrionicus histrionicus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
barrow's goldeneye	*Bucephala islandica*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	0.05
osprey	*Pandion haliaetus*	FS	5.57	286.36	1.46	0.43	0.00	1.04	0.07	1.30	0.05
white-tailed kite	*Elanus leucurus*	FS	5.57	286.36	0.00	0.43	0.35	0.00	0.07	0.00	0.00
bald eagle	*Haliaeetus leucocephalus*	FS & SE	5.57	286.36	0.00	0.43	0.35	1.04	0.07	1.30	0.05
northern harrier	*Circus cyaneus*	N/A	5.29	272.51	1.46	0.10	0.35	0.10	0.06	1.30	0.05
golden eagle	*Aquila chrysaetos*	FS	5.57	286.36	0.00	0.43	0.35	1.04	0.07	0.00	0.00
peregrine falcon	*Falco peregrinus*	FS	5.57	286.36	1.46	0.43	0.35	1.04	0.07	1.30	0.05
sooty grouse	*Dendragapus fuliginosus*	N/A	0.86	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
California quail	*Callipepla californica*	N/A	5.57	0.00	1.46	0.43	0.35	1.04	0.07	0.00	0.00
black rail	*Laterallus jamaicensis*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.28	0.00
clapper rail	*Rallus longirostris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.28	0.00
California clapper rail	*Rallus longirostris obsoletus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.28	0.00
snowy plover	*Charadrius nivosus*	FT	0.00	223.81	0.00	0.00	0.00	0.00	0.00	1.28	0.05
mountain plover	*Charadrius montanus*	FS	0.05	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marbled murrelet	*Brachyramphus marmoratus*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
Cassin's auklet	*Ptychoramphus aleuticus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
tufted puffin	*Fratercula cirrhata*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
burrowing owl	*Athene cunicularia*	FS	4.80	270.31	0.00	0.06	0.35	0.00	0.06	0.00	0.00
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.04	0.00	0.58	0.00	0.00	0.00
northern spotted owl	*Strix occidentalis caurina*	FT & ST	0.00	0.00	0.00	0.04	0.00	0.58	0.00	0.00	0.00
long-eared owl	*Asio otus*	N/A	5.57	0.00	0.00	0.43	0.00	0.00	0.07	0.00	0.00
short-eared owl	*Asio flammeus*	N/A	5.54	0.00	0.00	0.43	0.35	1.04	0.07	0.00	0.00
Vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	1.44	0.00	0.00	0.10	0.00	0.00	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.00	0.00	1.04	0.07	0.00	0.00
purple martin	*Progne subis*	N/A	4.63	0.00	1.46	0.38	0.00	1.04	0.06	0.02	0.00
Bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.00	0.43	0.35	1.04	0.07	0.00	0.00
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	4.83	285.71	1.46	0.43	0.31	0.00	0.07	0.00	0.00
Hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	1.46	0.43	0.35	1.04	0.07	0.00	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	1.46	0.06	0.35	0.12	0.06	0.00	0.00
common yellowthroat	*Geothlypis trichas*	N/A	5.57	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	1.46	0.43	0.35	1.04	0.07	0.00	0.00
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	1.46	0.43	0.35	0.00	0.07	0.00	0.00
rufous-crowned sparrow	*Aimophila ruficeps*	N/A	3.24	0.00	0.00	0.00	0.31	0.00	0.07	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Annual Grass	Barren	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Douglas-Fir	Eucalyptus	Lacustrine	Marine
savannah sparrow	*Passerculus sandwichensis*	N/A	5.57	0.00	0.00	0.43	0.35	0.00	0.07	0.00	0.00
Bryant's savannah sparrow	*Passerculus sandwichensis alaudinus*	N/A	4.83	0.00	0.00	0.06	0.35	0.00	0.06	0.00	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	5.45	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	5.57	0.00	1.46	0.43	0.35	1.04	0.07	1.30	0.05
Samuel's song sparrow	*Melospiza melodia samuelis*	N/A	0.66	0.00	0.00	0.00	0.00	0.00	0.00	1.01	0.00
red-winged blackbird	*Agelaius phoeniceus*	N/A	5.57	0.00	0.00	0.00	0.35	0.00	0.07	0.00	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	3.35	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00
fork-tailed storm-petrel	*Oceanodroma furcata*	FS	0.00	116.02	0.00	0.00	0.00	0.00	0.00	0.00	0.05
ashy storm-petrel	*Oceanodroma homochroa*	FS	0.00	116.02	0.00	0.00	0.00	0.00	0.00	0.00	0.05
black storm-petrel	*Oceanodroma melania*	N/A	0.00	116.02	0.00	0.00	0.00	0.00	0.00	0.00	0.05
Mammals											
vagrant shrew	*Sorex vagrans*	N/A	4.73	0.00	0.00	0.06	0.35	0.10	0.06	0.00	0.00
ornate shrew	*Sorex ornatus*	N/A	5.50	0.00	0.00	0.43	0.35	0.00	0.07	0.00	0.00
broad-footed mole	*Scapanus latimanus*	N/A	5.45	0.00	0.00	0.43	0.35	1.04	0.07	0.00	0.00
Yuma myotis	*Myotis yumanensis*	FS	5.57	0.00	1.46	0.43	0.35	1.04	0.07	1.30	0.00
long-eared myotis	*Myotis evotis*	FS	0.00	286.36	1.46	0.43	0.35	1.04	0.07	1.30	0.00
fringed myotis	*Myotis thysanodes*	FS	5.57	286.36	1.46	0.43	0.35	1.04	0.07	1.30	0.00
western red bat	*Lasiurus blossevillii*	N/A	5.57	0.00	0.00	0.43	0.35	1.04	0.07	1.30	0.00
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	5.57	286.36	0.00	0.43	0.35	1.04	0.07	0.00	0.00
pallid bat	*Antrozous pallidus*	FS	5.57	286.36	0.00	0.43	0.35	1.04	0.07	0.00	0.00
brush rabbit	*Sylvilagus bachmani*	N/A	5.57	0.00	0.00	0.43	0.35	1.04	0.07	0.00	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	5.57	0.00	1.46	0.43	0.35	1.04	0.07	0.00	0.00
mountain beaver	*Aplodontia rufa*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Point Reyes mountain beaver	*Aplodontia rufa phaea*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Joaquin pocket mouse	*Perognathus inornatus*	FS	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00
California kangaroo rat	*Dipodomys californicus*	N/A	3.35	0.00	0.00	0.43	0.00	0.00	0.07	0.00	0.00
salt-marsh harvest mouse	*Reithrodontomys raviventris*	FE & SE	1.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	5.57	286.36	1.46	0.43	0.35	1.04	0.07	0.00	0.00
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	1.46	0.43	0.35	1.04	0.07	0.00	0.00
Sonoma red tree vole	*Arborimus pomo*	N/A	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
California vole	*Microtus californicus*	N/A	5.57	0.00	0.00	0.43	0.35	1.04	0.07	0.00	0.00
pacific jumping mouse	*Zapus trinotatus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	5.57	286.36	1.46	0.43	0.35	1.04	0.07	0.00	0.00
fisher	*Pekania pennanti*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
American badger	*Taxidea taxus*	N/A	5.57	286.36	1.46	0.43	0.35	1.04	0.07	0.00	0.00
western spotted skunk	*Spilogale gracilis*	N/A	5.57	0.00	1.46	0.43	0.35	1.04	0.07	0.00	0.00
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mountain lion	*Puma concolor*	ST	5.57	0.00	1.46	0.43	0.35	1.04	0.07	0.00	0.00
northern fur-seal	*Callorhinus ursinus*	N/A	0.00	116.02	0.00	0.00	0.00	0.00	0.00	0.00	0.05
Guadalupe fur-seal	*Arctocephalus townsendi*	FT & ST	0.00	116.02	0.00	0.00	0.00	0.00	0.00	0.00	0.05
northern (steller) sea-lion	*Eumetopias jubatus*	N/A	0.00	116.02	0.00	0.00	0.00	0.00	0.00	0.00	0.05
California sea-lion	*Zalophus Californianus*	N/A	0.00	116.02	0.00	0.00	0.00	0.00	0.00	0.00	0.05
harbor seal	*Phoca vitulina*	N/A	0.00	116.02	0.00	0.00	0.00	0.00	0.00	0.00	0.05
northern elephant seal	*Mirounga angustirostris*	N/A	0.00	116.02	0.00	0.00	0.00	0.00	0.00	0.00	0.05
Reptiles											
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.00	0.00	1.04	0.01	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	5.57	0.00	1.46	0.43	0.35	1.04	0.07	0.00	0.00
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	1.46	0.00	0.00	0.10	0.06	0.00	0.00
ring-necked snake	*Diadophis punctatus*	N/A	5.57	0.00	1.46	0.43	0.35	1.04	0.07	0.00	0.00
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.00	0.37	0.00	0.94	0.01	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	5.57	0.00	1.46	0.43	0.35	1.04	0.07	0.00	0.00

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California mountain kingsnake	*Lampropeltis zonata*	N/A	0.12	0.00	0.00	0.06	0.00	0.94	0.01	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	5.57	0.00	1.46	0.43	0.35	1.04	0.07	1.30	0.00
Invertebrates											
Behren's silverspot butterfly	*Speyeria zerene behrensii*	FE	1.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Myrtle's silverspot butterfly	*Speyeria zerene myrtleae*	FE	0.00	99.93	0.00	0.00	0.19	0.00	0.00	0.00	0.00
Plants											
San Mateo thorn-mint	*Acanthomintha duttonii*	FE & SE	2.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
franciscan manzanita	*Arctostaphylos franciscana*	FE	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
Hearsts' manzanita	*Arctostaphylos hookeri ssp. hearstiorum*	SE	1.79	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
San Bruno mountain manzanita	*Arctostaphylos imbricata*	SE	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
presidio manzanita	*Arctostaphylos montana ssp. Ravenii*	FE & SE	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
morro manzanita	*Arctostaphylos morroensis*	FT	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
pacific manzanita	*Arctostaphylos pacifica*	SE	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
Clara Hunt's milk-vetch	*Astragalus claranus*	FE & ST	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coastal dunes milk-vetch	*Astragalus tener var. titi*	FE & SE	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
Sonoma sunshine	*Blennosperma bakeri*	FE & SE	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Point Reyes blennosperma	*Blennosperma nanum var. robustum*	N/A	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00
dwarf goldenstar	*Bloomeria humilis*	FS	1.79	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
Indian valley brodiaea	*Brodiaea rosea*	FS & SE	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tiburon mariposa lily	*Calochortus tiburonensis*	FT & ST	1.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tiburon paintbrush	*Castilleja affinis var. neglecta*	FE & ST	1.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coyote ceanothus	*Ceanothus ferrisiae*	FE	1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearsts' ceanothus	*Ceanothus hearstiorum*	FS	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
maritime ceanothus	*Ceanothus maritimus*	N/A	1.79	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
salt marsh bird's-beak	*Chloropyron maritimum ssp. maritimum*	FE & SE	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
soft bird's-beak	*Chloropyron molle ssp. molle*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Howell's spineflower	*Chorizanthe howellii*	FE & ST	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00
Monterey spineflower	*Chorizanthe pungens var. pungens*	FT	2.56	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
scotts valley spineflower	*Chorizanthe robusta var. hartwegii*	FE	1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
robust spineflower	*Chorizanthe robusta var. robusta*	FE & FS	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
Sonoma spineflower	*Chorizanthe valida*	FE & SE	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
crystal springs fountain thistle	*Cirsium fontinale var. fontinale*	FE & SE	1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
surf thistle	*Cirsium rhothophilum*	FS & ST	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
la graciosa thistle	*Cirsium scariosum var. loncholepis*	FE & ST	1.79	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
presidio clarkia	*Clarkia franciscana*	FE & SE	2.56	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
vine hill clarkia	*Clarkia imbricata*	FE & SE	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pismo clarkia	*Clarkia speciosa ssp. immaculata*	FE	1.79	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
seaside bird's-beak	*Cordylanthus rigidus ssp. littoralis*	FS & SE	0.00	0.00	0.02	0.00	0.21	0.00	0.00	0.00	0.00
baker's larkspur	*Delphinium bakeri*	FE & SE	2.56	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
golden larkspur	*Delphinium luteum*	FE	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00

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beach spectaclepod	*Dithyrea maritima*	FS & ST	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
Santa Clara valley dudleya	*Dudleya abramsii ssp. setchellii*	FE	1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lompoc yerba santa	*Eriodictyon capitatum*	FE	0.00	0.00	0.02	0.00	0.21	0.00	0.00	0.00	0.00
loch lomond button-celery	*Eryngium constancei*	FE & SE	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Menzies' wallflower	*Erysimum menziesii*	FE & SE	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00
Roderick's fritillary	*Fritillaria roderickii*	SE	5.57	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00
Monterey gilia	*Gilia tenuiflora ssp. arenaria*	FE & ST	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
Boggs Lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gowen cypress	*Hesperocyparis goveniana*	FT	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
marin western flax	*Hesperolinon congestum*	FT & ST	2.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county western flax	*Hesperolinon didymocarpum*	FS & SE	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Santa Cruz tarplant	*Holocarpha macradenia*	FT & SE	1.79	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
Burke's goldfields	*Lasthenia burkei*	FE & SE	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	5.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
beach layia	*Layia carnosa*	FE & SE	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00
coast yellow leptosiphon	*Leptosiphon croceus*	SE	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
San Francisco lessingia	*Lessingia germanorum*	FE & SE	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
mason's lilaeopsis	*Lilaeopsis masonii*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western lily	*Lilium occidentale*	FE & SE	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00
pitkin marsh lily	*Lilium pardalinum ssp. pitkinense*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
baker's meadowfoam	*Limnanthes bakeri*	FS	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
point reyes meadowfoam	*Limnanthes douglasii ssp. sulphurea*	SE	1.79	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
sebastopol meadowfoam	*Limnanthes vinculans*	FE & SE	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
milo baker's lupine	*Lupinus milo-bakeri*	ST	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
nipomo mesa lupine	*Lupinus nipomensis*	FE & SE	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
Tidestrom's lupine	*Lupinus tidestromii*	FE & SE	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00
few-flowered navarretia	*Navarretia leucocephala ssp. pauciflora*	FE & ST	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
many-flowered navarretia	*Navarretia leucocephala ssp. plieantha*	FE & SE	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender orcutt grass	*Orcuttia tenuis*	FT & SE	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
geysers panicum	*Panicum acuminatum var. thermale*	SE	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dudley's lousewort	*Pedicularis dudleyi*	FS	2.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
white-rayed pentachaeta	*Pentachaeta bellidiflora*	FE & SE	2.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Yadon's rein orchid	*Piperia yadonii*	FE	0.00	0.00	0.02	0.00	0.21	0.00	0.00	0.00	0.00
San Francisco popcornflower	*Plagiobothrys diffusus*	SE	2.56	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
calistoga popcornflower	*Plagiobothrys strictus*	FE & ST	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
napa blue grass	*Poa napensis*	FE & SE	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
scotts valley polygonum	*Polygonum hickmanii*	FE & SE	1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hickman's cinquefoil	*Potentilla hickmanii*	FE & SE	0.00	0.00	0.02	0.00	0.21	0.00	0.00	0.00	0.00
adobe sanicle	*Sanicula maritima*	N/A	2.56	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
rock sanicle	*Sanicula saxatilis*	FS	1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county stonecrop	*Sedella leiocarpa*	FE & SE	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Keck's checkerbloom	*Sidalcea keckii*	FE	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
metcalf canyon jewelflower	*Streptanthus albidus ssp. albidus*	FE & FS	1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tiburon jewelflower	*Streptanthus glandulosus ssp. niger*	FE & SE	1.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Douglas-Fir	Eucalyptus	Lacustrine	Marine
California seablite	*Suaeda californica*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	2.88	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
pacific grove clover	*Trifolium polyodon*	FS	1.79	0.00	0.02	0.00	0.21	0.00	0.00	0.00	0.00
Monterey clover	*Trifolium trichocalyx*	FE & SE	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Mixed Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Orchard-Vineyard	Pasture	Redwood	Saline Emergent Wetland	Urban
		Total:	0.51	0.42	0.14	1.95	2.74	0.23	0.25	2.10	12.86
Amphibians											
California newt	*Taricha torosa*	N/A	0.51	0.00	0.00	1.94	0.00	0.00	0.00	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.51	0.42	0.14	1.95	0.00	0.00	0.25	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.51	0.42	0.14	1.85	0.00	0.00	0.25	0.00	0.00
California red-legged frog	*Rana draytonii*	FT	0.51	0.42	0.14	1.95	0.00	0.00	0.25	0.00	0.00
Birds											
common loon	*Gavia immer*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.00	0.42	0.14	1.95	0.00	0.00	0.25	2.10	12.86
great egret	*Ardea alba*	N/A	0.00	0.00	0.06	1.94	0.00	0.00	0.25	0.26	12.73
brant	*Branta bernicla*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
redhead	*Aythya Americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00
harlequin duck	*Histrionicus histrionicus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
barrow's goldeneye	*Bucephala islandica*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.51	0.42	0.14	1.95	0.00	0.00	0.25	2.10	0.00
white-tailed kite	*Elanus leucurus*	FS	0.51	0.00	0.00	0.00	2.74	0.00	0.25	2.10	12.86
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.51	0.42	0.14	1.95	0.00	0.00	0.25	2.10	0.00
northern harrier	*Circus cyaneus*	N/A	0.04	0.09	0.14	0.41	0.00	0.00	0.25	2.10	4.65
golden eagle	*Aquila chrysaetos*	FS	0.51	0.42	0.14	1.95	0.00	0.23	0.25	0.00	12.86
peregrine falcon	*Falco peregrinus*	FS	0.51	0.42	0.14	1.95	0.00	0.00	0.25	2.10	12.86
sooty grouse	*Dendragapus fuliginosus*	N/A	0.00	0.09	0.08	0.00	0.00	0.00	0.01	0.00	0.00
California quail	*Callipepla californica*	N/A	0.51	0.42	0.14	1.95	2.74	0.00	0.25	0.00	12.86
black rail	*Laterallus jamaicensis*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00
clapper rail	*Rallus longirostris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06	0.00
California clapper rail	*Rallus longirostris obsoletus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06	0.00
snowy plover	*Charadrius nivosus*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mountain plover	*Charadrius montanus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marbled murrelet	*Brachyramphus marmoratus*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cassin's auklet	*Ptychoramphus aleuticus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tufted puffin	*Fratercula cirrhata*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.64
spotted owl	*Strix occidentalis*	N/A	0.00	0.14	0.14	0.51	0.00	0.00	0.25	0.00	0.00
northern spotted owl	*Strix occidentalis caurina*	FT & ST	0.00	0.14	0.14	0.51	0.00	0.00	0.25	0.00	0.00
long-eared owl	*Asio otus*	N/A	0.51	0.42	0.14	1.95	0.00	0.23	0.00	0.00	0.00
short-eared owl	*Asio flammeus*	N/A	0.51	0.00	0.14	1.95	0.00	0.00	0.25	2.10	12.80
Vaux's swift	*Chaetura vauxi*	N/A	0.00	0.09	0.14	0.01	0.00	0.00	0.25	0.00	0.95
olive-sided flycatcher	*Contopus cooperi*	N/A	0.51	0.42	0.14	1.95	0.00	0.00	0.25	0.00	0.00
purple martin	*Progne subis*	N/A	0.00	0.42	0.14	0.82	0.00	0.00	0.25	0.00	7.99
Bewick's wren	*Thryomanes bewickii*	N/A	0.51	0.42	0.14	1.95	2.74	0.00	0.25	0.00	12.86
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	1.95	0.00	0.00	0.00	2.10	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.51	0.33	0.06	1.95	2.74	0.00	0.00	0.00	12.74
Hutton's vireo	*Vireo huttoni*	N/A	0.51	0.42	0.14	1.95	2.74	0.00	0.25	0.00	12.86
yellow warbler	*Setophaga petechia*	N/A	0.00	0.23	0.14	0.48	0.01	0.00	0.25	0.00	5.01
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.00	1.95	0.00	0.00	0.00	2.10	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.51	0.42	0.14	1.95	2.74	0.00	0.25	0.00	12.86
California towhee	*Pipilo crissalis*	N/A	0.51	0.42	0.14	1.95	2.74	0.00	0.00	0.00	12.86
rufous-crowned sparrow	*Aimophila ruficeps*	N/A	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.51	0.00	0.00	0.00	2.74	0.23	0.00	2.10	0.00

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Common Name	Species Name	Status	Mixed Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Orchard-Vineyard	Pasture	Redwood	Saline Emergent Wetland	Urban
Bryant's savannah sparrow	*Passerculus sandwichensis alaudinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.10	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.51	0.42	0.14	1.95	2.74	0.00	0.25	2.10	12.86
Samuel's song sparrow	*Melospiza melodia samuelis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06	2.90
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.00	0.00	1.95	2.74	0.00	0.00	2.10	12.86
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.00	0.00	0.00	2.74	0.00	0.00	0.00	12.83
fork-tailed storm-petrel	*Oceanodroma furcata*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ashy storm-petrel	*Oceanodroma homochroa*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black storm-petrel	*Oceanodroma melania*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals											
vagrant shrew	*Sorex vagrans*	N/A	0.00	0.09	0.14	0.41	0.00	0.00	0.25	2.10	0.00
ornate shrew	*Sorex ornatus*	N/A	0.51	0.00	0.12	1.95	0.00	0.00	0.00	2.10	0.00
broad-footed mole	*Scapanus latimanus*	N/A	0.00	0.42	0.14	1.95	2.74	0.23	0.25	0.00	0.00
Yuma myotis	*Myotis yumanensis*	FS	0.51	0.42	0.14	1.95	2.74	0.23	0.25	0.00	12.86
long-eared myotis	*Myotis evotis*	FS	0.51	0.42	0.14	1.95	2.74	0.23	0.25	0.00	0.00
fringed myotis	*Myotis thysanodes*	FS	0.51	0.42	0.14	1.95	0.00	0.23	0.25	0.00	12.86
western red bat	*Lasiurus blossevillii*	N/A	0.51	0.42	0.14	1.95	0.00	0.23	0.25	0.00	12.86
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.51	0.42	0.14	1.95	2.74	0.23	0.25	0.00	12.86
pallid bat	*Antrozous pallidus*	FS	0.51	0.42	0.14	1.95	2.74	0.23	0.25	0.00	12.86
brush rabbit	*Sylvilagus bachmani*	N/A	0.51	0.42	0.14	1.95	2.74	0.23	0.25	0.00	12.86
black-tailed jackrabbit	*Lepus californicus*	N/A	0.51	0.42	0.14	1.95	2.74	0.23	0.25	0.00	12.86
mountain beaver	*Aplodontia rufa*	N/A	0.00	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.00
Point Reyes mountain beaver	*Aplodontia rufa phaea*	N/A	0.00	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.00
San Joaquin pocket mouse	*Perognathus inornatus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California kangaroo rat	*Dipodomys californicus*	N/A	0.51	0.33	0.00	0.00	2.74	0.00	0.00	0.00	0.00
salt-marsh harvest mouse	*Reithrodontomys raviventris*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.51	0.42	0.14	1.95	2.74	0.23	0.25	2.10	12.86
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.51	0.42	0.14	1.95	0.00	0.00	0.25	0.00	0.00
Sonoma red tree vole	*Arborimus pomo*	N/A	0.00	0.00	0.14	0.00	0.00	0.00	0.25	0.00	0.00
California vole	*Microtus californicus*	N/A	0.51	0.42	0.14	1.95	2.74	0.23	0.25	2.10	12.86
pacific jumping mouse	*Zapus trinotatus*	N/A	0.00	0.00	0.06	0.00	0.00	0.00	0.25	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	0.51	0.42	0.14	1.95	0.00	0.23	0.25	0.00	0.00
fisher	*Pekania pennanti*	FS & ST	0.00	0.00	0.14	0.01	0.00	0.00	0.25	0.00	0.00
American badger	*Taxidea taxus*	N/A	0.51	0.42	0.14	1.95	2.74	0.23	0.25	0.00	0.00
western spotted skunk	*Spilogale gracilis*	N/A	0.51	0.42	0.14	1.95	2.74	0.23	0.25	0.00	12.86
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
mountain lion	*Puma concolor*	ST	0.51	0.42	0.14	1.95	2.74	0.23	0.25	0.00	0.00
northern fur-seal	*Callorhinus ursinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Guadalupe fur-seal	*Arctocephalus townsendi*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern (steller) sea-lion	*Eumetopias jubatus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California sea-lion	*Zalophus Californianus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
harbor seal	*Phoca vitulina*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.97	0.00
northern elephant seal	*Mirounga angustirostris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reptiles											
common sagebrush lizard	*Sceloporus graciosus*	FS	0.51	0.17	0.14	0.00	0.00	0.00	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.51	0.42	0.14	1.95	2.74	0.23	0.25	0.00	0.00
northern rubber boa	*Charina bottae*	N/A	0.00	0.09	0.14	0.41	0.00	0.00	0.25	0.00	0.00
ring-necked snake	*Diadophis punctatus*	N/A	0.51	0.42	0.14	1.95	0.00	0.23	0.00	0.00	12.86
striped racer	*Coluber lateralis*	N/A	0.51	0.33	0.00	1.54	0.00	0.00	0.00	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	0.51	0.42	0.14	1.95	2.74	0.23	0.25	0.00	12.86

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California mountain kingsnake	*Lampropeltis zonata*	N/A	0.51	0.08	0.00	1.37	0.00	0.00	0.00	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	0.51	0.42	0.14	1.95	2.74	0.23	0.25	0.00	0.00
Invertebrates											
Behren's silverspot butterfly	*Speyeria zerene behrensii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Myrtle's silverspot butterfly	*Speyeria zerene myrtleae*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants											
San Mateo thorn-mint	*Acanthomintha duttonii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
franciscan manzanita	*Arctostaphylos franciscana*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearsts' manzanita	*Arctostaphylos hookeri ssp. hearstiorum*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Bruno mountain manzanita	*Arctostaphylos imbricata*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
presidio manzanita	*Arctostaphylos montana ssp. Ravenii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
morro manzanita	*Arctostaphylos morroensis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pacific manzanita	*Arctostaphylos pacifica*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clara Hunt's milk-vetch	*Astragalus claranus*	FE & ST	0.51	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coastal dunes milk-vetch	*Astragalus tener var. titi*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sonoma sunshine	*Blennosperma bakeri*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Point Reyes blennosperma	*Blennosperma nanum var. robustum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dwarf goldenstar	*Bloomeria humilis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Indian valley brodiaea	*Brodiaea rosea*	FS & SE	0.51	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tiburon mariposa lily	*Calochortus tiburonensis*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tiburon paintbrush	*Castilleja affinis var. neglecta*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coyote ceanothus	*Ceanothus ferrisiae*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearsts' ceanothus	*Ceanothus hearstiorum*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
maritime ceanothus	*Ceanothus maritimus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
salt marsh bird's-beak	*Chloropyron maritimum ssp. maritimum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.10	0.00
soft bird's-beak	*Chloropyron molle ssp. molle*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.10	0.00
Howell's spineflower	*Chorizanthe howellii*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monterey spineflower	*Chorizanthe pungens var. pungens*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
scotts valley spineflower	*Chorizanthe robusta var. hartwegii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
robust spineflower	*Chorizanthe robusta var. robusta*	FE & FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sonoma spineflower	*Chorizanthe valida*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
crystal springs fountain thistle	*Cirsium fontinale var. fontinale*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
surf thistle	*Cirsium rhothophilum*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
la graciosa thistle	*Cirsium scariosum var. loncholepis*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.10	0.00
presidio clarkia	*Clarkia franciscana*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vine hill clarkia	*Clarkia imbricata*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pismo clarkia	*Clarkia speciosa ssp. immaculata*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
seaside bird's-beak	*Cordylanthus rigidus ssp. littoralis*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
baker's larkspur	*Delphinium bakeri*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Mixed Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Orchard-Vineyard	Pasture	Redwood	Saline Emergent Wetland	Urban
golden larkspur	*Delphinium luteum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
beach spectaclepod	*Dithyrea maritima*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Santa Clara valley dudleya	*Dudleya abramsii ssp. setchellii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lompoc yerba santa	*Eriodictyon capitatum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loch lomond button-celery	*Eryngium constancei*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Menzies' wallflower	*Erysimum menziesii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Roderick's fritillary	*Fritillaria roderickii*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monterey gilia	*Gilia tenuiflora ssp. arenaria*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gowen cypress	*Hesperocyparis goveniana*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marin western flax	*Hesperolinon congestum*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county western flax	*Hesperolinon didymocarpum*	FS & SE	0.51	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Santa Cruz tarplant	*Holocarpha macradenia*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Burke's goldfields	*Lasthenia burkei*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
beach layia	*Layia carnosa*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coast yellow leptosiphon	*Leptosiphon croceus*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Francisco lessingia	*Lessingia germanorum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mason's lilaeopsis	*Lilaeopsis masonii*	N/A	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00
western lily	*Lilium occidentale*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pitkin marsh lily	*Lilium pardalinum ssp. pitkinense*	FE & SE	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
baker's meadowfoam	*Limnanthes bakeri*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Point Reyes meadowfoam	*Limnanthes douglasii ssp. sulphurea*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sebastopol meadowfoam	*Limnanthes vinculans*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
milo baker's lupine	*Lupinus milo-bakeri*	ST	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
nipomo mesa lupine	*Lupinus nipomensis*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tidestrom's lupine	*Lupinus tidestromii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
few-flowered navarretia	*Navarretia leucocephala ssp. pauciflora*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
many-flowered navarretia	*Navarretia leucocephala ssp. plieantha*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender orcutt grass	*Orcuttia tenuis*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
geysers panicum	*Panicum acuminatum var. thermale*	SE	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00
Dudley's lousewort	*Pedicularis dudleyi*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
white-rayed pentachaeta	*Pentachaeta bellidiflora*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Yadon's rein orchid	*Piperia yadonii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san francisco popcornflower	*Plagiobothrys diffusus*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Calistoga popcornflower	*Plagiobothrys strictus*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
napa blue grass	*Poa napensis*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
scotts valley polygonum	*Polygonum hickmanii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hickman's cinquefoil	*Potentilla hickmanii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
adobe sanicle	*Sanicula maritima*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
rock sanicle	*Sanicula saxatilis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county stonecrop	*Sedella leiocarpa*	FE & SE	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Keck's checkerbloom	*Sidalcea keckii*	FE	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
metcalf canyon jewelflower	*Streptanthus albidus ssp. albidus*	FE & FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Mixed Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Orchard-Vineyard	Pasture	Redwood	Saline Emergent Wetland	Urban
tiburon jewelflower	*Streptanthus glandulosus ssp. niger*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California seablite	*Suaeda californica*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.10	0.00
two-fork clover	*Trifolium amoenum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pacific grove clover	*Trifolium polyodon*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monterey clover	*Trifolium trichocalyx*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Caltrans District 4 – Northern California Interior Coast Ranges Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Blue Oak Woodland	Chamise-Redshank Chaparral	Lacustrine	Montane Hardwood	Montane Riparian	Urban	Valley Oak Woodland
		Total:	0.18	0.18	0.01	0.07	0.29	0.92	0.27	0.04
Amphibians										
California newt	*Taricha torosa*	N/A	0.18	0.18	0.00	0.07	0.00	0.92	0.00	0.04
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.18	0.00	0.00	0.29	0.92	0.00	0.04
foothill yellow-legged frog	*Rana boylii*	FS	0.18	0.18	0.01	0.00	0.29	0.92	0.00	0.04
California red-legged frog	*Rana draytonii*	FT	0.18	0.18	0.00	0.07	0.29	0.92	0.00	0.04
Birds										
common loon	*Gavia immer*	N/A	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.18	0.18	0.00	0.07	0.29	0.92	0.27	0.04
great egret	*Ardea alba*	N/A	0.18	0.18	0.00	0.07	0.00	0.92	0.27	0.04
osprey	*Pandion haliaetus*	FS	0.18	0.18	0.00	0.07	0.29	0.92	0.00	0.04
white-tailed kite	*Elanus leucurus*	FS	0.18	0.18	0.01	0.00	0.00	0.00	0.27	0.04
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.18	0.18	0.01	0.07	0.29	0.92	0.00	0.04
northern harrier	*Circus cyaneus*	N/A	0.18	0.18	0.01	0.07	0.29	0.92	0.27	0.04
golden eagle	*Aquila chrysaetos*	FS	0.18	0.18	0.01	0.00	0.29	0.92	0.27	0.04
peregrine falcon	*Falco peregrinus*	FS	0.18	0.18	0.01	0.07	0.29	0.92	0.27	0.04
California quail	*Callipepla californica*	N/A	0.18	0.18	0.01	0.00	0.29	0.92	0.27	0.04
burrowing owl	*Athene cunicularia*	FS	0.18	0.18	0.01	0.00	0.00	0.00	0.27	0.04
long-eared owl	*Asio otus*	N/A	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00
short-eared owl	*Asio flammeus*	N/A	0.18	0.18	0.01	0.00	0.00	0.92	0.27	0.04
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00
purple martin	*Progne subis*	N/A	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00
Bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.18	0.01	0.00	0.29	0.92	0.27	0.04
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.18	0.18	0.01	0.00	0.29	0.92	0.27	0.04
Hutton's vireo	*Vireo huttoni*	N/A	0.00	0.18	0.01	0.00	0.29	0.92	0.27	0.04
common yellowthroat	*Geothlypis trichas*	N/A	0.18	0.00	0.00	0.00	0.00	0.92	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.18	0.01	0.00	0.29	0.92	0.27	0.04
California towhee	*Pipilo crissalis*	N/A	0.00	0.18	0.01	0.00	0.29	0.92	0.27	0.04
Bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.18	0.18	0.01	0.00	0.00	0.00	0.00	0.04
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.18	0.18	0.01	0.07	0.29	0.92	0.27	0.04
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.18	0.00	0.00	0.00	0.00	0.92	0.27	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.18	0.00	0.00	0.00	0.00	0.00	0.27	0.00
Mammals										
ornate shrew	*Sorex ornatus*	N/A	0.18	0.18	0.00	0.00	0.00	0.92	0.00	0.04
broad-footed mole	*Scapanus latimanus*	N/A	0.18	0.18	0.00	0.00	0.29	0.92	0.00	0.04
Yuma myotis	*Myotis yumanensis*	FS	0.18	0.18	0.01	0.07	0.29	0.92	0.27	0.04
long-eared myotis	*Myotis evotis*	FS	0.00	0.18	0.01	0.07	0.29	0.92	0.00	0.04
fringed myotis	*Myotis thysanodes*	FS	0.18	0.18	0.01	0.07	0.29	0.92	0.27	0.04
western red bat	*Lasiurus blossevillii*	N/A	0.18	0.18	0.01	0.07	0.29	0.92	0.27	0.04
Townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.18	0.18	0.01	0.00	0.29	0.92	0.27	0.04
pallid bat	*Antrozous pallidus*	FS	0.18	0.18	0.01	0.00	0.29	0.92	0.27	0.04
brush rabbit	*Sylvilagus bachmani*	N/A	0.18	0.18	0.01	0.00	0.29	0.92	0.27	0.04
black-tailed jackrabbit	*Lepus californicus*	N/A	0.18	0.18	0.01	0.00	0.29	0.92	0.27	0.04
San Joaquin pocket mouse	*Perognathus inornatus*	FS	0.18	0.18	0.00	0.00	0.00	0.00	0.00	0.04
California kangaroo rat	*Dipodomys californicus*	N/A	0.18	0.18	0.00	0.00	0.29	0.00	0.00	0.04
deer mouse	*Peromyscus maniculatus*	N/A	0.18	0.18	0.01	0.00	0.29	0.92	0.27	0.04

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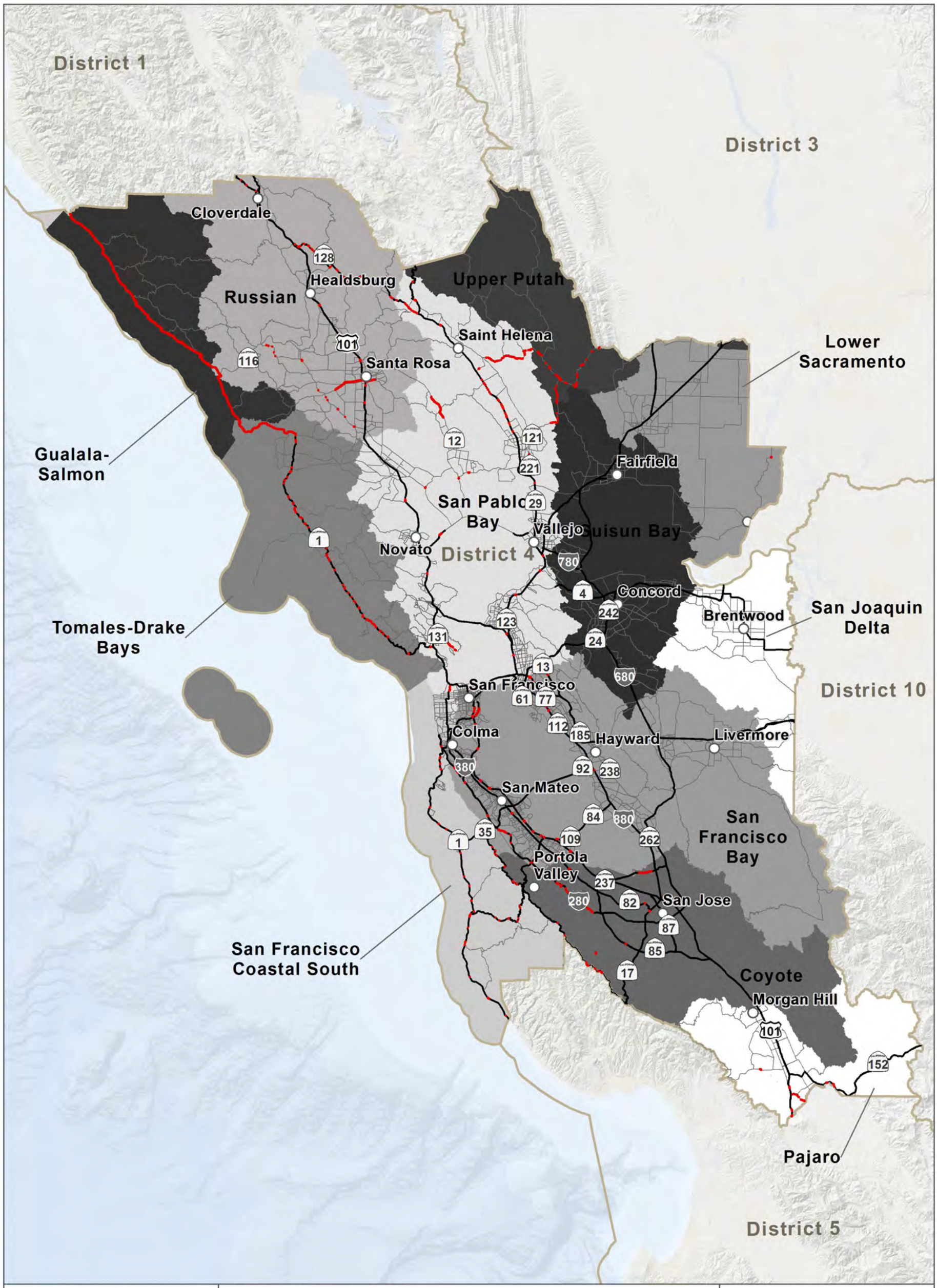
Units are in acres

Common Name	Species Name	Status	Annual Grass	Blue Oak Woodland	Chamise-Redshank Chaparral	Lacustrine	Montane Hardwood	Montane Riparian	Urban	Valley Oak Woodland
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.18	0.01	0.00	0.29	0.92	0.00	0.04
California vole	*Microtus californicus*	N/A	0.18	0.18	0.00	0.00	0.29	0.92	0.27	0.04
ringtail	*Bassariscus astutus*	N/A	0.18	0.18	0.01	0.00	0.29	0.92	0.00	0.04
American badger	*Taxidea taxus*	N/A	0.18	0.18	0.01	0.00	0.29	0.92	0.00	0.04
western spotted skunk	*Spilogale gracilis*	N/A	0.18	0.18	0.01	0.00	0.29	0.92	0.27	0.04
mountain lion	*Puma concolor*	ST	0.18	0.18	0.01	0.00	0.29	0.92	0.00	0.04
Reptiles										
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.18	0.18	0.01	0.00	0.29	0.92	0.00	0.04
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00
ring-necked snake	*Diadophis punctatus*	N/A	0.18	0.18	0.01	0.00	0.29	0.92	0.27	0.04
striped racer	*Coluber lateralis*	N/A	0.00	0.18	0.01	0.00	0.29	0.92	0.00	0.04
gophersnake	*Pituophis catenifer*	N/A	0.18	0.18	0.01	0.00	0.29	0.92	0.27	0.04
California mountain kingsnake	*Lampropeltis zonata*	N/A	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	0.18	0.18	0.01	0.07	0.29	0.92	0.00	0.04
Invertebrates										
valley elderberry longhorn beetle	*Desmocerus californicus dimorphus*	FT	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00
Plants										
Clara Hunt's milk-vetch	*Astragalus claranus*	FE & ST	0.18	0.00	0.00	0.00	0.29	0.00	0.00	0.00
Indian valley brodiaea	*Brodiaea rosea*	FS & SE	0.18	0.00	0.00	0.00	0.29	0.00	0.00	0.00
tiburon paintbrush	*Castilleja affinis var. neglecta*	FE & ST	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loch lomond button-celery	*Eryngium constancei*	FE & SE	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Roderick's fritillary	*Fritillaria roderickii*	SE	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county western flax	*Hesperolinon didymocarpum*	FS & SE	0.18	0.00	0.00	0.00	0.29	0.00	0.00	0.00
Burke's goldfields	*Lasthenia burkei*	FE & SE	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
few-flowered navarretia	*Navarretia leucocephala ssp. pauciflora*	FE & ST	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
many-flowered navarretia	*Navarretia leucocephala ssp. plieantha*	FE & SE	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender orcutt grass	*Orcuttia tenuis*	FT & SE	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
geysers panicum	*Panicum acuminatum var. thermale*	SE	0.18	0.00	0.00	0.00	0.00	0.92	0.00	0.00
Calistoga popcornflower	*Plagiobothrys strictus*	FE & ST	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lake county stonecrop	*Sedella leiocarpa*	FE & SE	0.18	0.00	0.00	0.00	0.29	0.00	0.00	0.00
Keck's checkerbloom	*Sidalcea keckii*	FE	0.18	0.00	0.00	0.00	0.29	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 4 – Hydrologic Units (HUC-8) with Potential Transportation Projects



PATH: \\SAC-SRV01\GIS\PROJECTS\CALTRANS\10235489_CALTRANS_TO4_SAMNA2020\7.2_WORKING\MAP_DOCS\PROCESSING\7_CALTRANSPROJECTS\D04\CALTRANS_HUC_ANSIB_D4.MXD - USER: ROLDEN - DATE: 3/31/2021

Caltrans District 4 – Watershed Impacts to Waters and Fish Species Summary Table

HUC-8 Name / Common Species Name	Scientific Species Name	Listing Status	Artificial Path	Canal/Ditch	Coastline	Connector	Foreshore	Lake/Pond	Pipeline	Sea/Ocean	Stream/ River	Swamp/ Marsh
Coyote			0.01	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.72	0.00
Steelhead - Central California Coast DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00
Gualala-Salmon			0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.01	3.20	0.00
Green sturgeon - Southern DPS	*Acipenser medirostris*	FT	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	2.43	0.00
Steelhead - Central California Coast DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00
Steelhead - Northern California DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.28	0.00
Tidewater goby	*Eucyclogobius newberryi*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00
Lower Sacramento			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00
Chinook salmon - Spring-run	*Oncorhynchus tshawytscha*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00
Chinook salmon - Winter-run	*Oncorhynchus tshawytscha*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00
Delta smelt	*Hypomesus transpacificus*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00
Green sturgeon - Southern DPS	*Acipenser medirostris*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00
Longfin smelt	*Spirinchus thaleichthys*	ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00
Steelhead - California Central Valley DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00
Pajaro			0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00
Steelhead - South Central California Coast DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00
Russian			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.00
Chinook salmon - California Coastal ESU	*Oncorhynchus tshawytscha*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00
Coho salmon - South of Punta Gorda	*Oncorhynchus kisutch*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00
Green sturgeon - Southern DPS	*Acipenser medirostris*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00
Longfin smelt	*Spirinchus thaleichthys*	ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00
Steelhead - Central California Coast DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.00
San Francisco Bay			0.00	0.22	0.21	0.22	0.05	0.00	0.09	0.39	0.35	0.14
Chinook salmon - Winter-run	*Oncorhynchus tshawytscha*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00
Green sturgeon - Southern DPS	*Acipenser medirostris*	FT	0.00	0.14	0.21	0.22	0.05	0.00	0.00	0.39	0.12	0.10
Longfin smelt	*Spirinchus thaleichthys*	ST	0.00	0.24	0.21	0.22	0.05	0.00	0.09	0.39	0.35	0.13
Steelhead - Central California Coast DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00
San Francisco Coastal South			0.00	0.00	0.05	0.00	0.05	0.00	0.00	0.23	0.30	0.00
Coho salmon - South of Punta Gorda	*Oncorhynchus kisutch*	FT & ST	0.00	0.00	0.05	0.00	0.05	0.00	0.00	0.23	0.29	0.00
Green sturgeon - Southern DPS	*Acipenser medirostris*	FT	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.23	0.04	0.00
Longfin smelt	*Spirinchus thaleichthys*	ST	0.00	0.00	0.05	0.00	0.05	0.00	0.00	0.23	0.29	0.00
Steelhead - Central California Coast DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.05	0.00	0.05	0.00	0.00	0.23	0.23	0.00
Tidewater goby	*Eucyclogobius newberryi*	FE	0.00	0.00	0.05	0.00	0.05	0.00	0.00	0.23	0.23	0.00
San Pablo Bay			0.00	0.26	0.06	0.04	0.01	0.01	0.00	0.01	2.99	0.42
Chinook salmon - Winter-run	*Oncorhynchus tshawytscha*	FE & SE	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.89	0.00
Green sturgeon - Southern DPS	*Acipenser medirostris*	FT	0.00	0.00	0.04	0.05	0.00	0.00	0.00	0.00	1.31	0.42
Longfin smelt	*Spirinchus thaleichthys*	ST	0.00	0.27	0.04	0.05	0.00	0.00	0.00	0.00	2.95	0.42
Steelhead - Central California Coast DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.93	0.00

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Units are in acres

HUC-8 Name			Artificial Path	Canal/Ditch	Coastline	Connector	Foreshore	Lake/Pond	Pipeline	Sea/Ocean	Stream/ River	Swamp/ Marsh
Common Species Name	**Scientific Species Name**	**Listing Status**										
Tomales-Drake Bays			0.00	0.00	0.15	0.00	0.02	0.00	0.00	0.02	1.17	0.00
Coho salmon - South of Punta Gorda	*Oncorhynchus kisutch*	FT & ST	0.00	0.00	0.11	0.00	0.02	0.00	0.00	0.02	1.13	0.00
Green sturgeon - Southern DPS	*Acipenser medirostris*	FT	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00
Longfin smelt	*Spirinchus thaleichthys*	ST	0.00	0.00	0.11	0.00	0.02	0.00	0.00	0.02	1.13	0.00
Steelhead - Central California Coast DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.36	0.00
Tidewater goby	*Eucyclogobius newberryi*	FE	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.26	0.00
Upper Putah			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 4 – HUC-8 Watershed Impacts by Wetland Type Summary Table

HUC-8 Name	Depressional Natural Vegetated	Depressional Unnatural Vegetated	Estuarine and Marine Deepwater	Estuarine and Marine Wetland	Estuarine Saline Natural Intertidal Emergent	Estuarine Saline Natural Intertidal Non-vegetated	Freshwater Emergent Wetland	Freshwater Forested/ Shrub Wetland	Freshwater Pond	Lacustrine Unnatural Non-vegetated	Lake	Other	Riverine	Slope Natural
Coyote	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.99	0.00
Gualala-Salmon	0.00	0.00	0.06	0.06	0.00	0.00	1.77	2.06	0.00	0.00	0.00	0.00	1.00	0.00
Lower Sacramento	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.06	0.00	0.00	0.00	0.82	0.45	0.00
Pajaro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00
Russian	0.00	0.00	0.52	0.00	0.00	0.00	0.00	0.40	0.08	0.00	0.00	0.00	0.13	0.00
San Francisco Bay	0.00	0.00	0.77	0.06	0.00	0.00	0.03	0.00	0.03	0.00	0.07	0.00	0.16	0.00
San Francisco Coastal South	0.00	0.00	0.50	0.18	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.02	0.00
San Pablo Bay	0.00	0.00	0.84	1.80	0.00	0.00	0.09	0.29	0.00	0.00	0.04	0.00	1.01	0.00
Tomales-Drake Bays	0.00	0.01	0.00	0.11	0.25	0.08	0.02	0.49	0.00	0.00	0.00	0.00	0.26	0.10
Upper Putah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.17	0.00

Units are in acres

APPENDIX E

District 5

- **Table**: Caltrans District 5 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin
- **Map**: Caltrans District 5 – Ecoregion Sections with Potential Transportation Projects
- **Table**: Caltrans District 5 – Central California Coast Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 5 – Central Valley Coast Ranges Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 5 – Southern California Coast Ecoregion Section Impact by Species Summary Table
- **Map**: Caltrans District 5 – Hydrologic Units (HUC-8) with Potential Transportation Projects
- **Table**: Caltrans District 5 – Watershed Impacts to Waters and Fish Species Summary Table
- **Table**: Caltrans District 5 – HUC-8 Watershed Impacts by Wetland Type Summary Table

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Caltrans District 5 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
9189	Monterey	101	62.1	63.2	Bridge	2020/21	Central California Coast	8.21	Salinas	8.21
9195	Monterey	156	R1.4	R2.0	Bridge	2020/21	Central California Coast	1.03	Monterey Bay	1.03
9228	San Luis Obispo	1	0	0.3	Bridge	2022/23	Central California Coast	5.37	Central Coastal	1.12
									Santa Maria	4.35
9261	Monterey	101	R6.7		Bridge	2019/20	Central Valley Coast Ranges	1.13	Salinas	1.13
9271	Santa Barbara	154	R2.6		Bridge	2021/22	Southern California Coast	0.96	Santa Ynez	0.96
9289	Monterey	101	R91.5	101.3	Pavement	2021/22	Central California Coast	62.61	Monterey Bay	62.71
9293	Santa Barbara	101	45.5		Drainage	2019/20	Southern California Coast	0.12	Santa Barbara Coastal	0.12
9294	Santa Cruz	1	31.9	35.7	Drainage	2021/22	Central California Coast	1.93	San Francisco Coastal South	1.93
11249	Santa Barbara	217	0.9	1.4	Bridge	2021/22	Southern California Coast	1.07	Santa Barbara Coastal	1.07
11278	Santa Barbara	101	R36.0	R37.0	Bridge	2022/23	Southern California Coast	1.59	Santa Barbara Coastal	1.64
11313	Monterey	1	20.4		Drainage	2019/20	Central California Coast	0.09	Central Coastal	0.09
13298	Monterey	1	43.1		Bridge	2021/22	Central California Coast	0.51	Central Coastal	0.52
13546	Monterey	1	20.9	21.3	Bridge	2024/25	Central California Coast	1.87	Central Coastal	1.87
13626	Santa Barbara	101	21.6		Bridge	2021/22	Southern California Coast	0.99	Santa Barbara Coastal	0.99
13724	Monterey	101			Roadside	2019/20	Central Valley Coast Ranges	11.99	Salinas	12.01
13752	Santa Cruz	9	8.5	25.5	Sustainability	2021/22	Central California Coast	61.90	Monterey Bay	53.80
									San Francisco Coastal South	8.18
13801	Santa Barbara	101	56		Bridge	2019/20	Southern California Coast	0.84	Santa Ynez	0.84
13846	Santa Barbara	154	R5.8	R6.1	Mobility - Operational Improvements	2021/22	Southern California Coast	2.72	Santa Ynez	2.72
14019	Santa Barbara	101	70.7	71.2	Bridge	2019/20	Southern California Coast	0.91	San Antonio	0.91
14098	Santa Barbara	154	R31.8	R32.1	Bridge	2021/22	Southern California Coast	1.07	Santa Barbara Coastal	1.10
15757	Monterey	101	87.4	87.8	Safety - Collision Reduction	2021/22	Central California Coast	5.42	Monterey Bay	5.43
15835	Santa Cruz	9	13.6	15.5	Bridge	2021/22	Central California Coast	2.31	Monterey Bay	2.31
15920	Santa Barbara	101	46.2	R52.3	Pavement	2021/22	Southern California Coast	36.22	Santa Barbara Coastal	28.95
									Santa Ynez	7.31
15921	Santa Barbara	135	11.7	17.8	Pavement	2020/21	Central California Coast	53.74	Santa Maria	53.75
16474	Santa Barbara	1	R35.0	49.2	Safety - Collision Reduction	2023/24	Central California Coast	61.45	San Antonio	47.30
							Southern California Coast	115.07	Santa Maria	129.28
16847	Santa Cruz	129	1.4		Safety Improvements	2019/20	Central California Coast	0.98	Pajaro	0.98
17059	Santa Cruz	1	16.7	17	Safety Improvements	2019/20	Central California Coast	1.10	Monterey Bay	1.10
17521	Monterey	183	R8.4	9.8	Mobility - Operational Improvements	2022/23	Central California Coast	5.86	Monterey Bay	5.91
17668	Monterey	1	63		Bridge	2022/23	Central California Coast	0.98	Central Coastal	0.99
17726	San Benito	25	18.8	19.1	Safety Improvements	2020/21	Central Valley Coast Ranges	0.44	Pajaro	0.44
17963	San Luis Obispo	46	R17.2	R17.6	Safety Improvements	2019/20	Central Valley Coast Ranges	3.78	Salinas	3.87
18520	San Luis Obispo	101	27.9		Safety Improvements	2020/21	Central California Coast	1.16	Central Coastal	1.16
18768	San Benito	25	54		Safety Improvements	2020/21	Central California Coast	0.91	Pajaro	0.91
18915	San Luis Obispo	101	38.5	39.4	Safety Improvements	2020/21	Central Valley Coast Ranges	12.89	Salinas	12.93
19080	Monterey	101	R9.7	R22.0	Pavement	2026/27	Central Valley Coast Ranges	1.98	Salinas	2.00
19084	Monterey	68	0.2	15.9	Drainage	2023/24	Central California Coast	2.33	Central Coastal	0.90
									Monterey Bay	1.20
									Salinas	0.28
19093	Monterey	101	R41.9	49.8	Pavement	2023/24	Central California Coast	0.33	Salinas	0.33
19094	Monterey	101	R28.2	100.3	Drainage	2024/25	Central California Coast	1.85	Monterey Bay	0.70
							Central Valley Coast Ranges	0.51	Salinas	1.72
19096	Santa Barbara	101	R0.0	R52.2	Drainage	2026/27	Southern California Coast	3.80	Santa Barbara Coastal	3.81
									Santa Ynez	0.04
19147	Santa Barbara	101	65	84.1	Drainage	2023/24	Central California Coast	0.17	San Antonio	0.20
							Southern California Coast	0.33	Santa Maria	0.30
19149	Santa Barbara	101	12.4	22.6	Pavement	2025/26	Southern California Coast	1.13	Santa Barbara Coastal	1.15

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
19150	Santa Barbara	101	R52.34	R56.09	Pavement	2023/24	Southern California Coast	0.50	Santa Barbara Coastal	0.10
									Santa Ynez	0.40
19152	Santa Barbara	101	R7.3	9.2	Pavement	2019/20	Southern California Coast	0.66	Santa Barbara Coastal	0.68
19153	Santa Barbara	154	R0.0	32.84	Drainage	2023/24	Southern California Coast	2.22	Santa Barbara Coastal	0.60
									Santa Ynez	1.63
19155	Santa Cruz	129	L0.0	0.56	Pavement	2023/24	Central California Coast	0.03	Pajaro	0.04
19156	Santa Cruz	17	0	12.5	Sustainability	2026/27	Central California Coast	2.81	Monterey Bay	2.83
19158	Santa Cruz	1	R0.0	R7.94	Drainage	2023/24	Central California Coast	2.69	Monterey Bay	1.28
									Pajaro	1.45
19159	Santa Cruz	1	8.2	26	Drainage	2023/24	Central California Coast	2.98	Monterey Bay	2.53
									San Francisco Coastal South	0.87
19160	San Benito	101	0	7.55	Pavement	2025/26	Central California Coast	0.81	Monterey Bay	1.20
							Central Valley Coast Ranges	3.08	Pajaro	2.69
19162	San Luis Obispo	58	1.8	6.89	Pavement	2023/24	Central Valley Coast Ranges	0.07	Salinas	0.07
19164	San Luis Obispo	101	7.8	16.5	Pavement	2023/24	Central California Coast	61.15	Central Coastal	62.88
19935	Santa Cruz	9	18.897	27.094	Pavement	2024/25	Central California Coast	0.37	Monterey Bay	0.37
19937	Santa Barbara	101	R56.09	65	Pavement	2024/25	Southern California Coast	0.28	Santa Ynez	0.28
19938	Monterey	1	R90.98	R102.031	Pavement	2025/26	Central California Coast	0.05	Monterey Bay	0.05
19939	Santa Cruz	9	0.046	7.5	Pavement	2026/27	Central California Coast	1.21	Monterey Bay	1.21
19940	Monterey	101	R1.9	R9.7	Pavement	2028/29	Central Valley Coast Ranges	3.25	Salinas	3.26
19941	Santa Barbara	192	R0.019	21.07	Drainage	2028/29	Southern California Coast	1.80	Santa Barbara Coastal	1.83
19943	Santa Cruz	1	2.683	7.947	Drainage	2024/25	Central California Coast	0.05	Pajaro	0.05
19946	Santa Barbara	101	9.2	11.9	Safety - Collision Reduction	2022/23	Southern California Coast	0.46	Santa Barbara Coastal	0.48
19948	San Benito	25	46.57	52.19	Pavement	2027/28	Central California Coast	0.16	Pajaro	0.16
19949	Santa Barbara	166	0	8.927	Pavement	2025/26	Central California Coast	0.74	Santa Maria	0.76
19951	Santa Barbara	217	0.464	2.989	Pavement	2027/28	Southern California Coast	0.28	Santa Barbara Coastal	0.28
19955	San Luis Obispo	101	58.8	63.2	Pavement	2027/28	Central Valley Coast Ranges	0.08	Salinas	0.08
19957	Monterey	101	R22.0	R28.0	Pavement	2025/26	Central Valley Coast Ranges	0.08	Salinas	0.08
19996	Santa Barbara	135	L8.878	11.7	Pavement	2028/29	Central California Coast	0.52	Santa Maria	0.68
							Southern California Coast	0.15		
20000	San Benito	25	17	46.57	Pavement	2027/28	Central California Coast	0.14	Pajaro	1.01
							Central Valley Coast Ranges	0.90	Salinas	0.05
20013	Monterey	156	R0.167	T5.427	Pavement	2028/29	Central California Coast	0.73	Monterey Bay	0.75
20015	Santa Barbara	246	30.28	31.385	Bridge	2026/27	Southern California Coast	1.82	Santa Ynez	1.83
20016	Santa Barbara	246	9.55	R20.9	Bridge	2028/29	Southern California Coast	2.66	Santa Ynez	2.66
20019	San Luis Obispo	46	R0.146	R21.969	Pavement	2027/28	Central California Coast	2.69	Central Coastal	1.69
							Central Valley Coast Ranges	0.08	Salinas	1.10
20020	San Luis Obispo	41	0	12.5	Pavement	2027/28	Central California Coast	0.57	Central Coastal	0.85
							Central Valley Coast Ranges	0.34	Salinas	0.08
20021	San Luis Obispo	1	25.7	34.4	Pavement	2026/27	Central California Coast	0.17	Central Coastal	0.17
20022	San Luis Obispo	41	43.9	50.434	Pavement	2026/27	Central Valley Coast Ranges	0.48	Estrella	0.49
20023	Monterey	1	0	39.8	Pavement	2028/29	Central California Coast	96.73	Central Coastal	97.04
20024	Monterey	1	R85.1	R90.98	Pavement	2025/26	Central California Coast	0.12	Monterey Bay	0.12
20025	Monterey	68	R10.8	22.023	Pavement	2027/28	Central California Coast	0.23	Salinas	0.24
20026	Santa Barbara	1	23	M29.891	Pavement	2026/27	Southern California Coast	0.36	Santa Ynez	0.39
20029	Santa Cruz	129	0.56	9.998	Pavement	2026/27	Central California Coast	0.24	Pajaro	0.25
20033	Santa Barbara	101	86.59	90.988	Pavement	2028/29	Central California Coast	1.57	Santa Maria	1.58
20034	Monterey	25	0	11.75	Drainage	2027/28	Central Valley Coast Ranges	1.73	Salinas	1.76
20710	San Luis Obispo	101	61.9		Safety Improvements	2021/22	Central Valley Coast Ranges	1.45	Salinas	1.45
20889	San Luis Obispo	1	32.6		Bridge	2019/20	Central California Coast	0.30	Central Coastal	0.30
20890	San Luis Obispo	1	34.5		Bridge	2019/20	Central California Coast	0.69	Central Coastal	0.69
20891	San Luis Obispo	58	3.1		Bridge	2019/20	Central Valley Coast Ranges	0.97	Salinas	0.98
21651	Santa Barbara	101	45	R50.0	Drainage	2024/25	Southern California Coast	0.14	Santa Barbara Coastal	0.14

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
21706	San Luis Obispo	1	51.4	74.32	Pavement	2028/29	Central California Coast	0.25	Central Coastal	0.25
21708	Monterey	183	0	R2.1	Pavement	2028/29	Central California Coast	0.84	Monterey Bay	0.84

Caltrans District 5 – Ecoregion Sections with Potential Transportation Projects



ECOREGION SECTIONS WITH POTENTIAL TRANSPORTATION PROJECTS FOR CALTRANS DISTRICT 5

PATH: \\SAC-SRV01\GIS\PROJECTS\CALTRANS\10235489_CALTRANS_TO4_SAMNA2020\7.2_WORKING\MAP_DOCS\PROCESSING\7_CALTRANSPROJECTS\D05\CALTRANS_ECOREGIONS_ANSIB_D5.MXD - USER: ROLDEN - DATE: 3/31/2021

Caltrans District 5 – Central California Coast Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise - Redshank Chaparral	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Dryland Grain Crops	Eucalyptus	Fresh Emergent Wetland
		Total:	24.81	40.84	0.51	0.09	0.45	3.79	13.59	64.56	0.10	1.84	3.74
Amphibians													
California tiger salamander	*Ambystoma californiense*	FE & FT & ST	17.53	0.00	0.24	0.09	0.00	0.00	9.66	0.00	0.00	1.84	3.74
long-toed salamander	*Ambystoma macrodactylum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	2.97	0.00	0.00	0.00	0.00
santa cruz long-toed salamander	*Ambystoma macrodactylum croceum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	2.97	0.00	0.00	0.00	0.00
California newt	*Taricha torosa*	N/A	5.78	0.00	0.51	0.09	0.00	0.00	7.00	60.43	0.00	0.99	3.74
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.51	0.09	0.00	3.49	13.59	63.88	0.00	1.79	0.00
western spadefoot	*Spea hammondii*	FS	19.98	0.00	0.30	0.00	0.00	0.00	6.87	4.27	0.00	0.85	0.00
foothill yellow-legged frog	*Rana boylii*	FS	5.85	0.00	0.51	0.09	0.45	2.74	7.09	60.65	0.00	0.96	0.00
California red-legged frog	*Rana draytonii*	FT	24.81	0.00	0.51	0.09	0.00	3.79	13.59	64.56	0.00	1.84	3.74
Birds													
common loon	*Gavia immer*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	39.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
brown pelican	*Pelecanus occidentalis*	FS	0.53	0.59	0.00	0.00	0.00	0.00	0.00	10.79	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	24.81	0.00	0.51	0.09	0.00	3.79	13.59	64.56	0.10	1.84	3.74
great egret	*Ardea alba*	N/A	24.81	0.00	0.51	0.09	0.00	3.79	13.59	0.00	0.10	1.84	3.74
redhead	*Aythya Americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.89
harlequin duck	*Histrionicus histrionicus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	24.81	40.84	0.51	0.09	0.00	3.79	13.59	0.00	0.00	1.84	3.74
white-tailed kite	*Elanus leucurus*	FS	24.81	40.84	0.51	0.09	0.45	0.00	13.59	64.56	0.10	1.84	3.74
bald eagle	*Haliaeetus leucocephalus*	FS & SE	24.81	40.84	0.51	0.09	0.45	0.00	13.59	64.56	0.00	1.84	3.74
northern harrier	*Circus cyaneus*	N/A	24.81	40.84	0.51	0.09	0.45	3.79	13.59	64.56	0.10	1.84	3.74
golden eagle	*Aquila chrysaetos*	FS	24.81	40.84	0.51	0.09	0.45	0.00	13.59	64.56	0.00	1.84	3.74
peregrine falcon	*Falco peregrinus*	FS	24.81	40.84	0.51	0.09	0.45	3.79	13.59	64.56	0.00	1.84	3.74
California quail	*Callipepla californica*	N/A	24.81	0.00	0.51	0.09	0.45	3.79	13.59	64.56	0.00	1.84	0.00
snowy plover	*Charadrius nivosus*	FT	0.00	40.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
least tern	*Sternula antillarum*	FE & SE	0.00	28.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marbled murrelet	*Brachyramphus marmoratus*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cassin's auklet	*Ptychoramphus aleuticus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tufted puffin	*Fratercula cirrhata*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	21.92	39.66	0.51	0.09	0.00	0.00	9.01	43.53	0.00	1.05	0.00
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	2.38	0.00	0.00	0.00	0.00
California spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	2.38	0.00	0.00	0.00	0.00
long-eared owl	*Asio otus*	N/A	24.81	0.00	0.51	0.09	0.45	0.00	13.59	0.00	0.00	1.84	0.00
short-eared owl	*Asio flammeus*	N/A	9.11	0.00	0.47	0.09	0.00	0.00	4.69	60.47	0.00	1.01	3.74
black swift	*Cypseloides niger*	N/A	2.49	1.23	0.04	0.05	0.00	2.74	4.80	0.00	0.00	0.92	0.00
vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	0.00	0.00	2.29	5.30	0.00	0.00	0.91	1.85
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	1.84	0.00
purple martin	*Progne subis*	N/A	5.50	0.00	0.37	0.09	0.00	3.30	6.61	0.00	0.00	0.99	3.74
bank swallow	*Riparia riparia*	FS & ST	1.75	0.40	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.51	0.09	0.45	0.00	13.59	64.56	0.00	1.84	0.00

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise - Redshank Chaparral	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Dryland Grain Crops	Eucalyptus	Fresh Emergent Wetland
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.89
loggerhead shrike	*Lanius ludovicianus*	N/A	24.81	40.84	0.51	0.09	0.45	3.79	13.59	64.56	0.10	1.84	0.00
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.51	0.09	0.45	3.56	13.05	63.45	0.00	1.84	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.51	0.09	0.45	3.79	13.59	64.56	0.00	1.84	0.00
common yellowthroat	*Geothlypis trichas*	N/A	24.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.84	3.74
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.51	0.09	0.45	3.79	13.59	64.56	0.00	1.84	0.00
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.51	0.09	0.45	3.79	13.59	64.56	0.00	1.84	0.00
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	24.81	0.00	0.00	0.09	0.45	0.00	0.00	64.56	0.00	1.84	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.84	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	24.81	0.00	0.51	0.09	0.45	0.00	13.59	64.56	0.10	1.84	0.00
bryant's savannah sparrow	*Passerculus sandwichensis alaudinus*	N/A	24.51	0.00	0.51	0.09	0.45	0.00	13.59	64.56	0.10	1.84	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	21.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.81	0.00
song sparrow	*Melospiza melodia*	N/A	24.81	0.00	0.51	0.09	0.45	3.79	13.59	64.56	0.00	1.84	3.74
red-winged blackbird	*Agelaius phoeniceus*	N/A	24.81	0.00	0.00	0.00	0.00	0.00	0.00	64.56	0.00	1.84	3.74
tricolored blackbird	*Agelaius tricolor*	FS & ST	24.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.97	1.89
fork-tailed storm-petrel	*Oceanodroma furcata*	FS	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ashy storm-petrel	*Oceanodroma homochroa*	FS	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black storm-petrel	*Oceanodroma melania*	N/A	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals													
vagrant shrew	*Sorex vagrans*	N/A	0.69	0.00	0.00	0.00	0.00	0.00	1.47	2.04	0.00	0.08	0.00
ornate shrew	*Sorex ornatus*	N/A	24.81	0.00	0.51	0.09	0.00	0.00	13.59	64.56	0.00	1.84	3.74
broad-footed mole	*Scapanus latimanus*	N/A	24.81	0.00	0.51	0.09	0.00	0.00	13.59	64.56	0.10	1.84	0.00
yuma myotis	*Myotis yumanensis*	FS	24.81	0.00	0.51	0.09	0.45	3.79	13.59	64.56	0.10	1.84	3.74
long-eared myotis	*Myotis evotis*	FS	0.00	40.84	0.51	0.09	0.45	3.79	13.59	64.56	0.10	1.84	3.74
fringed myotis	*Myotis thysanodes*	FS	24.81	40.84	0.51	0.09	0.45	3.79	13.59	64.56	0.10	1.84	0.00
small-footed myotis	*Myotis ciliolabrum*	FS	21.63	40.58	0.51	0.09	0.00	0.00	9.34	62.28	0.10	1.80	3.74
western red bat	*Lasiurus blossevillii*	N/A	24.81	0.00	0.51	0.09	0.45	0.00	13.59	64.56	0.00	1.84	3.74
townsend's big-eared bat	*Corynorhinus townsendii*	FS	24.81	40.84	0.51	0.09	0.45	0.00	13.59	64.56	0.00	1.84	0.00
pallid bat	*Antrozous pallidus*	FS	24.81	40.84	0.51	0.09	0.45	0.00	13.59	64.56	0.10	1.84	0.00
western mastiff bat	*Eumops perotis*	FS	24.81	40.84	0.51	0.09	0.45	3.79	13.59	64.56	0.10	1.84	3.74
brush rabbit	*Sylvilagus bachmani*	N/A	24.81	0.00	0.51	0.09	0.45	0.00	13.59	64.56	0.10	1.84	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	24.81	0.00	0.51	0.09	0.45	3.79	13.59	64.56	0.10	1.84	0.00
san joaquin pocket mouse	*Perognathus inornatus*	FS	1.75	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California pocket mouse	*Chaetodipus californicus*	N/A	24.66	0.00	0.51	0.09	0.45	0.00	13.59	63.75	0.00	1.84	0.00
narrow-faced kangaroo rat	*Dipodomys venustus*	N/A	8.80	0.00	0.17	0.09	0.45	2.37	10.62	60.97	0.10	0.00	0.00
santa cruz kangaroo rat	*Dipodomys venustus venustus*	N/A	8.80	0.00	0.17	0.09	0.45	2.37	10.62	60.64	0.10	0.00	0.00
heermann's kangaroo rat	*Dipodomys heermanni*	N/A	20.39	0.00	0.34	0.00	0.00	0.00	7.64	4.60	0.00	0.89	0.00
deer mouse	*Peromyscus maniculatus*	N/A	24.81	40.84	0.51	0.09	0.45	3.79	13.59	64.56	0.10	1.84	3.74
desert woodrat	*Neotoma lepida*	N/A	0.00	0.00	0.00	0.09	0.00	0.00	0.00	58.46	0.00	0.00	0.00
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	0.00	0.00	0.45	0.23	4.24	2.28	0.00	0.04	0.00
California vole	*Microtus californicus*	N/A	24.81	0.00	0.51	0.09	0.00	0.00	13.59	64.56	0.10	1.84	3.74

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Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise - Redshank Chaparral	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Dryland Grain Crops	Eucalyptus	Fresh Emergent Wetland
red fox	*Vulpes vulpes*	N/A	0.71	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00
kit fox	*Vulpes macrotis*	N/A	2.06	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin kit fox	*Vulpes macrotis mutica*	FE & ST	2.06	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	24.81	40.84	0.51	0.09	0.45	3.79	13.59	64.56	0.10	1.84	0.00
American badger	*Taxidea taxus*	N/A	24.81	40.84	0.51	0.09	0.45	3.79	13.59	64.56	0.10	1.84	0.00
western spotted skunk	*Spilogale gracilis*	N/A	24.81	0.00	0.51	0.09	0.45	3.79	13.59	64.56	0.10	1.84	0.00
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sea otter	*Enhydra lutris*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mountain lion	*Puma concolor*	ST	22.08	0.00	0.51	0.09	0.45	3.49	13.59	63.88	0.00	1.79	0.00
northern fur-seal	*Callorhinus ursinus*	N/A	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
guadalupe fur-seal	*Arctocephalus townsendi*	FT & ST	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern (steller) sea-lion	*Eumetopias jubatus*	N/A	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California sea-lion	*Zalophus Californianus*	N/A	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
harbor seal	*Phoca vitulina*	N/A	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern elephant seal	*Mirounga angustirostris*	N/A	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	0.51	0.09	0.00	3.56	9.34	62.28	0.00	1.80	0.00
Reptiles													
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.00
blainville's horned lizard	*Phrynosoma blainvillii*	FS	24.61	0.00	0.51	0.09	0.45	3.44	13.29	62.55	0.10	1.84	0.00
western skink	*Plestiodon skiltonianus*	N/A	24.81	0.00	0.51	0.09	0.45	3.79	13.59	64.56	0.00	1.84	0.00
California legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.51	0.09	0.00	0.00	9.91	61.54	0.00	1.80	0.00
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.04	0.00
ring-necked snake	*Diadophis punctatus*	N/A	24.81	0.00	0.51	0.09	0.45	3.79	13.59	64.56	0.00	1.84	3.74
coachwhip	*Coluber flagellum*	N/A	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.51	0.09	0.45	0.00	7.50	60.67	0.00	0.99	0.00
western patch-nosed snake	*Salvadora hexalepis*	N/A	4.96	11.24	0.00	0.00	0.00	0.00	0.24	0.06	0.00	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	24.81	0.00	0.51	0.09	0.45	3.79	13.59	64.56	0.10	1.84	3.74
California mountain kingsnake	*Lampropeltis zonata*	N/A	3.83	0.00	0.00	0.00	0.00	3.01	5.18	0.00	0.00	0.95	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	24.81	0.00	0.51	0.09	0.45	3.79	13.59	64.56	0.10	1.84	3.74
two-striped gartersnake	*Thamnophis hammondii*	FS	21.52	0.00	0.51	0.09	0.00	3.44	9.91	61.54	0.00	1.80	3.74
Invertebrates													
vernal pool fairy shrimp	*Branchinecta lynchi*	FT	6.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ohlone tiger beetle	*Cicindela ohlone*	FE	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.00	0.00	0.00
smith's blue butterfly	*Euphilotes enoptes smithi*	FE	0.00	0.99	0.00	0.00	0.00	0.00	0.00	57.88	0.00	0.00	0.00
mount hermon (barbate) june beetle	*Polyphylla barbata*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00
zayante band-winged grasshopper	*Trimerotropis infantilis*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.00
Plants													
san mateo thorn-mint	*Acanthomintha duttonii*	FE & SE	19.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sonoma alopecurus	*Alopecurus aequalis var. sonomensis*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.74
franciscan manzanita	*Arctostaphylos franciscana*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
hearsts' manzanita	*Arctostaphylos hookeri ssp. hearstiorum*	SE	14.11	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00

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Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise - Redshank Chaparral	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Dryland Grain Crops	Eucalyptus	Fresh Emergent Wetland
san bruno mountain manzanita	*Arctostaphylos imbricata*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
presidio manzanita	*Arctostaphylos montana ssp. Ravenii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
morro manzanita	*Arctostaphylos morroensis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
pacific manzanita	*Arctostaphylos pacifica*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
pallid manzanita	*Arctostaphylos pallida*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.01	0.00	2.48	0.00	0.00	0.00
coastal dunes milk-vetch	*Astragalus tener var. titi*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
sonoma sunshine	*Blennosperma bakeri*	FE & SE	5.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
point reyes blennosperma	*Blennosperma nanum var. robustum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
dwarf goldenstar	*Bloomeria humilis*	FS	21.42	0.00	0.00	0.00	0.00	0.00	0.00	63.11	0.00	0.00	0.00
tiburon mariposa lily	*Calochortus tiburonensis*	FT & ST	14.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san benito evening-primrose	*Camissonia benitensis*	FT	6.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tiburon paintbrush	*Castilleja affinis var. neglecta*	FE & ST	5.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coyote ceanothus	*Ceanothus ferrisiae*	FE	5.20	0.00	0.00	0.00	0.00	0.00	0.00	2.48	0.00	0.00	0.00
hearsts' ceanothus	*Ceanothus hearstiorum*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
maritime ceanothus	*Ceanothus maritimus*	N/A	14.11	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
mason's ceanothus	*Ceanothus masonii*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa lucia purple amole	*Chlorogalum purpureum var. purpureum*	FT	1.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
camatta canyon amole	*Chlorogalum purpureum var. reductum*	FT	1.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
salt marsh bird's-beak	*Chloropyron maritimum ssp. maritimum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
ben lomond spineflower	*Chorizanthe pungens var. hartwegiana*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
monterey spineflower	*Chorizanthe pungens var. pungens*	FT	19.26	0.00	0.00	0.00	0.00	0.00	0.00	60.13	0.00	0.00	0.00
scotts valley spineflower	*Chorizanthe robusta var. hartwegii*	FE	5.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
robust spineflower	*Chorizanthe robusta var. robusta*	FE & FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.13	0.00	0.00	0.00
sonoma spineflower	*Chorizanthe valida*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
crystal springs fountain thistle	*Cirsium fontinale var. fontinale*	FE & SE	5.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san luis obispo fountain thistle	*Cirsium fontinale var. obispoense*	FE & SE	1.82	0.00	0.00	0.00	0.00	0.00	0.00	23.93	0.00	0.00	0.00
surf thistle	*Cirsium rhothophilum*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
la graciosa thistle	*Cirsium scariosum var. loncholepis*	FE & ST	14.11	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
presidio clarkia	*Clarkia franciscana*	FE & SE	19.26	0.00	0.00	0.00	0.00	0.00	0.00	60.13	0.00	0.00	0.00
pismo clarkia	*Clarkia speciosa ssp. immaculata*	FE	14.11	0.00	0.00	0.00	0.00	3.78	0.00	0.00	0.00	0.00	0.00
mt. diablo bird's-beak	*Cordylanthus nidularius*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
seaside bird's-beak	*Cordylanthus rigidus ssp. littoralis*	FS & SE	0.00	0.00	0.00	0.00	0.00	3.78	0.00	57.71	0.00	0.00	0.00

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Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise - Redshank Chaparral	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Dryland Grain Crops	Eucalyptus	Fresh Emergent Wetland
baker's larkspur	*Delphinium bakeri*	FE & SE	19.26	0.00	0.00	0.00	0.00	0.00	0.00	60.13	0.00	0.00	0.00
golden larkspur	*Delphinium luteum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
vandenberg monkeyflower	*Diplacus vandenbergensis*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.93	0.00	0.00	0.00
beach spectaclepod	*Dithyrea maritima*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
santa clara valley dudleya	*Dudleya abramsii ssp. setchellii*	FE	5.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kern mallow	*Eremalche parryi ssp. kernensis*	FE	6.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
indian knob mountainbalm	*Eriodictyon altissimum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.93	0.00	0.00	0.00
lompoc yerba santa	*Eriodictyon capitatum*	FE	0.00	0.00	0.00	0.00	0.00	3.78	0.00	60.72	0.00	0.00	0.00
butterworth's buckwheat	*Eriogonum butterworthianum*	FS	1.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san mateo woolly sunflower	*Eriophyllum latilobum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	0.00	0.00	0.00
menzies' wallflower	*Erysimum menziesii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
santa cruz wallflower	*Erysimum teretifolium*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	24.81	0.00	0.00	0.00	0.00	0.00	0.00	64.56	0.00	0.00	0.00
monterey gilia	*Gilia tenuiflora ssp. arenaria*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
santa cruz cypress	*Hesperocyparis abramsiana var. abramsiana*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
butano ridge cypress	*Hesperocyparis abramsiana var. butanoensis*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
gowen cypress	*Hesperocyparis goveniana*	FT	0.00	0.00	0.00	0.00	0.00	3.78	0.00	0.00	0.00	0.00	0.00
marin western flax	*Hesperolinon congestum*	FT & ST	19.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa cruz tarplant	*Holocarpha macradenia*	FT & SE	14.11	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	19.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
beach layia	*Layia carnosa*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
coast yellow leptosiphon	*Leptosiphon croceus*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
san francisco lessingia	*Lessingia germanorum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.13	0.00	0.00	0.00
point reyes meadowfoam	*Limnanthes douglasii ssp. sulphurea*	SE	14.11	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	3.74
nipomo mesa lupine	*Lupinus nipomensis*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
tidestrom's lupine	*Lupinus tidestromii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.71	0.00	0.00	0.00
spreading navarretia	*Navarretia fossalis*	FT	1.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dudley's lousewort	*Pedicularis dudleyi*	FS	20.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
white-rayed pentachaeta	*Pentachaeta bellidiflora*	FE & SE	19.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yadon's rein orchid	*Piperia yadonii*	FE	0.00	0.00	0.00	0.00	0.00	3.78	0.00	57.71	0.00	0.00	0.00
san francisco popcornflower	*Plagiobothrys diffusus*	SE	19.26	0.00	0.00	0.00	0.00	0.00	0.00	60.13	0.00	0.00	0.00
santa lucia mint	*Pogogyne clareana*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
scotts valley polygonum	*Polygonum hickmanii*	FE & SE	5.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hickman's cinquefoil	*Potentilla hickmanii*	FE & SE	0.00	0.00	0.00	0.00	0.00	3.78	0.00	57.71	0.00	0.00	3.74
adobe sanicle	*Sanicula maritima*	N/A	19.26	0.00	0.00	0.00	0.00	0.00	0.00	60.13	0.00	0.00	0.00

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rock sanicle	*Sanicula saxatilis*	FS	5.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cuesta pass checkerbloom	*Sidalcea hickmanii ssp. anomala*	FS	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.00	0.00	0.00
parish's checkerbloom	*Sidalcea hickmanii ssp. parishii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
metcalf canyon jewelflower	*Streptanthus albidus ssp. albidus*	FE & FS	5.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tiburon jewelflower	*Streptanthus glandulosus ssp. niger*	FE & SE	14.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	19.26	0.00	0.00	0.00	0.00	0.00	0.00	60.13	0.00	0.00	0.00
pacific grove clover	*Trifolium polyodon*	FS	14.11	0.00	0.00	0.00	0.00	3.78	0.00	57.71	0.00	0.00	0.00
monterey clover	*Trifolium trichocalyx*	FE & SE	0.00	0.00	0.00	0.00	0.00	3.78	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Irrigated Row and Field Crops	Irrigated Grain Crops	Marine	Mixed Chaparral	Montane Hardwood-Conifer	Pasture	Perennial Grassland	Redwood	Urban	Valley Foothill Riparian	Vineyard
		Total:	4.54	0.22	0.62	1.79	19.11	21.44	0.71	32.35	221.28	4.55	0.03
Amphibians													
California tiger salamander	*Ambystoma californiense*	FE & FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	4.05	0.00
long-toed salamander	*Ambystoma macrodactylum*	N/A	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	1.61	0.00
santa cruz long-toed salamander	*Ambystoma macrodactylum croceum*	FE & SE	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	1.61	0.00
California newt	*Taricha torosa*	N/A	0.00	0.00	0.00	1.79	18.86	0.00	0.00	0.00	0.00	0.70	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.00	1.79	19.11	0.00	0.00	32.35	0.00	4.51	0.00
western spadefoot	*Spea hammondii*	FS	4.50	0.00	0.00	0.00	0.00	0.00	0.63	0.00	0.00	0.00	0.03
foothill yellow-legged frog	*Rana boylii*	FS	0.00	0.00	0.00	1.79	18.86	0.00	0.00	32.35	0.00	0.74	0.00
California red-legged frog	*Rana draytonii*	FT	0.00	0.00	0.00	1.79	19.11	0.00	0.71	32.35	0.00	4.55	0.00
Birds													
common loon	*Gavia immer*	N/A	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
brown pelican	*Pelecanus occidentalis*	FS	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	4.54	0.22	0.62	0.00	19.11	0.00	0.71	32.35	221.28	4.55	0.00
great egret	*Ardea alba*	N/A	4.54	0.22	0.00	0.00	19.11	0.00	0.71	32.35	221.28	4.55	0.03
redhead	*Aythya Americana*	N/A	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
harlequin duck	*Histrionicus histrionicus*	N/A	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.00	0.22	0.62	1.79	19.11	0.00	0.71	32.35	0.00	4.55	0.00
white-tailed kite	*Elanus leucurus*	FS	4.54	0.22	0.00	1.79	0.00	0.00	0.71	32.35	221.28	4.55	0.03
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.00	0.00	0.62	1.79	19.11	0.00	0.71	32.35	0.00	4.55	0.00
northern harrier	*Circus cyaneus*	N/A	0.00	0.22	0.62	1.79	19.11	0.00	0.71	32.35	221.28	4.55	0.03
golden eagle	*Aquila chrysaetos*	FS	0.00	0.00	0.00	1.79	19.11	21.44	0.71	32.35	221.28	4.55	0.00
peregrine falcon	*Falco peregrinus*	FS	0.00	0.22	0.62	1.79	19.11	0.00	0.71	32.35	221.28	4.55	0.00
California quail	*Callipepla californica*	N/A	0.00	0.22	0.00	1.79	19.11	0.00	0.71	32.35	221.28	4.55	0.03
snowy plover	*Charadrius nivosus*	FT	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
least tern	*Sternula antillarum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marbled murrelet	*Brachyramphus marmoratus*	FT & SE	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cassin's auklet	*Ptychoramphus aleuticus*	N/A	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tufted puffin	*Fratercula cirrhata*	N/A	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.00	0.00	0.00	1.74	0.00	21.44	0.71	0.00	210.58	4.24	0.00
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.58	0.00	0.57	0.00
California spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.58	0.00	0.57	0.00
long-eared owl	*Asio otus*	N/A	0.00	0.00	0.00	1.79	19.11	21.44	0.71	0.00	0.00	4.55	0.00
short-eared owl	*Asio flammeus*	N/A	2.95	0.22	0.00	1.76	0.81	0.00	0.71	0.96	111.75	1.23	0.00
black swift	*Cypseloides niger*	N/A	0.00	0.00	0.62	1.72	9.31	0.00	0.07	19.15	42.44	0.68	0.00
vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	1.45	18.86	0.00	0.07	32.35	33.41	0.68	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	1.72	19.11	0.00	0.00	32.35	0.00	0.00	0.00
purple martin	*Progne subis*	N/A	0.00	0.00	0.00	0.00	18.86	0.00	0.07	32.27	104.14	0.70	0.00
bank swallow	*Riparia riparia*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.86	0.04	0.00

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Units are in acres

Common Name	Species Name	Status	Irrigated Row and Field Crops	Irrigated Grain Crops	Marine	Mixed Chaparral	Montane Hardwood-Conifer	Pasture	Perennial Grassland	Redwood	Urban	Valley Foothill Riparian	Vineyard
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.00	1.79	19.11	0.00	0.00	32.35	221.28	4.55	0.00
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.25	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.00	0.00	0.00	1.79	19.11	0.00	0.71	0.00	221.28	4.55	0.03
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.00	1.79	18.54	0.00	0.00	31.95	220.24	4.44	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.00	1.79	19.11	0.00	0.00	32.35	221.28	4.55	0.00
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	4.55	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.00	1.79	19.11	0.00	0.00	32.35	221.28	4.55	0.00
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.00	1.79	19.11	0.00	0.00	0.00	221.28	4.55	0.00
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.00	0.00	0.00	1.79	0.00	0.00	0.71	0.00	0.00	4.55	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.00	0.00	0.00	1.79	0.00	21.44	0.71	0.00	0.00	4.55	0.03
bryant's savannah sparrow	*Passerculus sandwichensis alaudinus*	N/A	0.00	0.00	0.00	1.79	0.00	21.44	0.71	0.00	0.00	4.55	0.03
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.00	0.22	0.62	1.79	19.11	0.00	0.71	32.35	221.28	4.55	0.00
red-winged blackbird	*Agelaius phoeniceus*	N/A	4.54	0.00	0.00	0.00	0.00	0.00	0.71	0.00	221.28	4.55	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	4.54	0.22	0.00	0.00	0.00	0.00	0.63	0.00	219.84	3.92	0.00
fork-tailed storm-petrel	*Oceanodroma furcata*	FS	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ashy storm-petrel	*Oceanodroma homochroa*	FS	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black storm-petrel	*Oceanodroma melania*	N/A	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals													
vagrant shrew	*Sorex vagrans*	N/A	0.00	0.00	0.00	0.03	8.22	0.00	0.00	11.37	0.00	0.13	0.00
ornate shrew	*Sorex ornatus*	N/A	0.00	0.00	0.00	1.79	19.11	0.00	0.71	0.00	0.00	4.55	0.00
broad-footed mole	*Scapanus latimanus*	N/A	4.54	0.22	0.00	0.00	19.11	21.44	0.71	32.35	0.00	4.55	0.03
yuma myotis	*Myotis yumanensis*	FS	4.54	0.22	0.00	1.79	19.11	21.44	0.71	32.35	221.28	4.55	0.03
long-eared myotis	*Myotis evotis*	FS	4.54	0.22	0.00	1.79	19.11	21.44	0.71	32.35	0.00	4.55	0.03
fringed myotis	*Myotis thysanodes*	FS	4.54	0.22	0.00	1.79	19.11	21.44	0.71	32.35	221.28	4.55	0.00
small-footed myotis	*Myotis ciliolabrum*	FS	4.54	0.22	0.00	1.76	0.50	20.84	0.71	0.00	204.50	4.44	0.03
western red bat	*Lasiurus blossevillii*	N/A	0.00	0.00	0.00	1.79	19.11	21.44	0.71	32.35	221.28	4.55	0.00
townsend's big-eared bat	*Corynorhinus townsendii*	FS	4.54	0.22	0.00	1.79	19.11	21.44	0.71	32.35	221.28	4.55	0.03
pallid bat	*Antrozous pallidus*	FS	4.54	0.22	0.00	1.79	19.11	21.44	0.71	32.35	221.28	4.55	0.03
western mastiff bat	*Eumops perotis*	FS	4.54	0.22	0.00	1.79	19.11	21.44	0.71	0.00	221.28	4.55	0.03
brush rabbit	*Sylvilagus bachmani*	N/A	4.54	0.22	0.00	1.79	19.11	21.44	0.71	32.35	221.28	4.55	0.03
black-tailed jackrabbit	*Lepus californicus*	N/A	4.54	0.22	0.00	1.79	19.11	21.44	0.71	32.35	221.28	4.55	0.03
san joaquin pocket mouse	*Perognathus inornatus*	FS	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
California pocket mouse	*Chaetodipus californicus*	N/A	0.00	0.00	0.00	1.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00
narrow-faced kangaroo rat	*Dipodomys venustus*	N/A	0.00	0.00	0.00	1.75	0.00	0.60	0.07	32.27	0.00	0.00	0.00
santa cruz kangaroo rat	*Dipodomys venustus venustus*	N/A	0.00	0.00	0.00	1.75	0.00	0.60	0.07	32.27	0.00	0.00	0.00
heermann's kangaroo rat	*Dipodomys heermanni*	N/A	0.00	0.00	0.00	0.04	0.00	21.44	0.63	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	4.54	0.22	0.00	1.79	19.11	21.44	0.71	32.35	221.28	4.55	0.03
desert woodrat	*Neotoma lepida*	N/A	0.00	0.00	0.00	1.76	0.24	0.00	0.00	0.00	0.00	0.00	0.00

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dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	0.00	0.03	18.61	0.00	0.00	31.78	0.00	0.11	0.00
California vole	*Microtus californicus*	N/A	4.54	0.22	0.00	1.79	19.11	21.44	0.71	32.35	221.28	4.55	0.03
red fox	*Vulpes vulpes*	N/A	1.59	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.00
kit fox	*Vulpes macrotis*	N/A	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.04	0.00
san joaquin kit fox	*Vulpes macrotis mutica*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.04	0.00
ringtail	*Bassariscus astutus*	N/A	4.54	0.22	0.00	1.79	19.11	21.44	0.71	32.35	0.00	4.55	0.03
American badger	*Taxidea taxus*	N/A	4.54	0.22	0.00	1.79	19.11	21.44	0.71	32.35	0.00	4.55	0.03
western spotted skunk	*Spilogale gracilis*	N/A	4.54	0.22	0.00	1.79	19.11	21.44	0.71	32.35	221.28	4.55	0.03
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
sea otter	*Enhydra lutris*	FT	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mountain lion	*Puma concolor*	ST	0.00	0.00	0.00	1.79	19.11	21.39	0.71	32.35	0.00	4.51	0.03
northern fur-seal	*Callorhinus ursinus*	N/A	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
guadalupe fur-seal	*Arctocephalus townsendi*	FT & ST	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern (steller) sea-lion	*Eumetopias jubatus*	N/A	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California sea-lion	*Zalophus Californianus*	N/A	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
harbor seal	*Phoca vitulina*	N/A	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern elephant seal	*Mirounga angustirostris*	N/A	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	0.00	1.76	0.50	0.00	0.71	0.00	0.00	4.44	0.00
Reptiles													
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	1.42	0.24	0.00	0.00	0.00	0.00	0.00	0.00
blainville's horned lizard	*Phrynosoma blainvillii*	FS	4.54	0.00	0.00	1.79	18.60	0.00	0.71	0.00	0.00	4.50	0.03
western skink	*Plestiodon skiltonianus*	N/A	4.54	0.00	0.00	1.79	19.11	21.44	0.71	32.35	0.00	4.55	0.03
California legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.00	1.76	0.00	0.00	0.71	0.00	0.00	4.50	0.00
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	0.00	0.00	18.61	0.00	0.00	31.69	0.00	0.05	0.00
ring-necked snake	*Diadophis punctatus*	N/A	0.00	0.00	0.00	1.79	19.11	21.44	0.71	0.00	221.28	4.55	0.00
coachwhip	*Coluber flagellum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.00	1.79	18.86	0.00	0.00	0.00	0.00	1.14	0.00
western patch-nosed snake	*Salvadora hexalepis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	4.54	0.22	0.00	1.79	19.11	21.44	0.71	32.35	221.28	4.55	0.03
California mountain kingsnake	*Lampropeltis zonata*	N/A	0.00	0.00	0.00	1.45	18.86	0.00	0.00	32.27	0.00	0.70	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	4.54	0.22	0.00	1.79	19.11	21.44	0.71	32.35	0.00	4.55	0.03
two-striped gartersnake	*Thamnophis hammondii*	FS	0.00	0.00	0.00	1.76	0.50	0.00	0.00	0.00	0.00	4.50	0.00
Invertebrates													
vernal pool fairy shrimp	*Branchinecta lynchi*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ohlone tiger beetle	*Cicindela ohlone*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
smith's blue butterfly	*Euphilotes enoptes smithi*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mount hermon (barbate) june beetle	*Polyphylla barbata*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
zayante band-winged grasshopper	*Trimerotropis infantilis*	FE	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants													
san mateo thorn-mint	*Acanthomintha duttonii*	FE & SE	0.00	0.00	0.00	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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sonoma alopecurus	*Alopecurus aequalis var. sonomensis*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.28	0.00
franciscan manzanita	*Arctostaphylos franciscana*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hearsts' manzanita	*Arctostaphylos hookeri ssp. hearstiorum*	SE	0.00	0.00	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san bruno mountain manzanita	*Arctostaphylos imbricata*	SE	0.00	0.00	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
presidio manzanita	*Arctostaphylos montana ssp. Ravenii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
morro manzanita	*Arctostaphylos morroensis*	FT	0.00	0.00	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pacific manzanita	*Arctostaphylos pacifica*	SE	0.00	0.00	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pallid manzanita	*Arctostaphylos pallida*	FT & SE	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coastal dunes milk-vetch	*Astragalus tener var. titi*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sonoma sunshine	*Blennosperma bakeri*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
point reyes blennosperma	*Blennosperma nanum var. robustum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dwarf goldenstar	*Bloomeria humilis*	FS	0.00	0.00	0.00	1.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tiburon mariposa lily	*Calochortus tiburonensis*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san benito evening-primrose	*Camissonia benitensis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tiburon paintbrush	*Castilleja affinis var. neglecta*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coyote ceanothus	*Ceanothus ferrisiae*	FE	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hearsts' ceanothus	*Ceanothus hearstiorum*	FS	0.00	0.00	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
maritime ceanothus	*Ceanothus maritimus*	N/A	0.00	0.00	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mason's ceanothus	*Ceanothus masonii*	N/A	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa lucia purple amole	*Chlorogalum purpureum var. purpureum*	FT	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
camatta canyon amole	*Chlorogalum purpureum var. reductum*	FT	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00
salt marsh bird's-beak	*Chloropyron maritimum ssp. maritimum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ben lomond spineflower	*Chorizanthe pungens var. hartwegiana*	FE	0.00	0.00	0.00	0.00	18.61	0.00	0.00	0.00	0.00	0.00	0.00
monterey spineflower	*Chorizanthe pungens var. pungens*	FT	0.00	0.00	0.00	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00
scotts valley spineflower	*Chorizanthe robusta var. hartwegii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
robust spineflower	*Chorizanthe robusta var. robusta*	FE & FS	0.00	0.00	0.00	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sonoma spineflower	*Chorizanthe valida*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
crystal springs fountain thistle	*Cirsium fontinale var. fontinale*	FE & SE	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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san luis obispo fountain thistle	*Cirsium fontinale var. obispoense*	FE & SE	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
surf thistle	*Cirsium rhothophilum*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
la graciosa thistle	*Cirsium scariosum var. loncholepis*	FE & ST	0.00	0.00	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
presidio clarkia	*Clarkia franciscana*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pismo clarkia	*Clarkia speciosa ssp. immaculata*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mt. diablo bird's-beak	*Cordylanthus nidularius*	FS	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
seaside bird's-beak	*Cordylanthus rigidus ssp. littoralis*	FS & SE	0.00	0.00	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
baker's larkspur	*Delphinium bakeri*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
golden larkspur	*Delphinium luteum*	FE	0.00	0.00	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vandenberg monkeyflower	*Diplacus vandenbergensis*	FE	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
beach spectaclepod	*Dithyrea maritima*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa clara valley dudleya	*Dudleya abramsii ssp. setchellii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kern mallow	*Eremalche parryi ssp. kernensis*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
indian knob mountainbalm	*Eriodictyon altissimum*	FE & SE	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lompoc yerba santa	*Eriodictyon capitatum*	FE	0.00	0.00	0.00	1.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00
butterworth's buckwheat	*Eriogonum butterworthianum*	FS	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san mateo woolly sunflower	*Eriophyllum latilobum*	FE & SE	0.00	0.00	0.00	0.00	18.61	0.00	0.00	0.00	0.00	0.00	0.00
menzies' wallflower	*Erysimum menziesii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa cruz wallflower	*Erysimum teretifolium*	FE & SE	0.00	0.00	0.00	0.03	18.61	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
monterey gilia	*Gilia tenuiflora ssp. arenaria*	FE & ST	0.00	0.00	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa cruz cypress	*Hesperocyparis abramsiana var. abramsiana*	FT & SE	0.00	0.00	0.00	0.03	18.61	0.00	0.00	0.00	0.00	0.00	0.00
butano ridge cypress	*Hesperocyparis abramsiana var. butanoensis*	FT & SE	0.00	0.00	0.00	0.03	18.61	0.00	0.00	0.00	0.00	0.00	0.00
gowen cypress	*Hesperocyparis goveniana*	FT	0.00	0.00	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marin western flax	*Hesperolinon congestum*	FT & ST	0.00	0.00	0.00	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa cruz tarplant	*Holocarpha macradenia*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
beach layia	*Layia carnosa*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coast yellow leptosiphon	*Leptosiphon croceus*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san francisco lessingia	*Lessingia germanorum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
point reyes meadowfoam	*Limnanthes douglasii ssp. sulphurea*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
nipomo mesa lupine	*Lupinus nipomensis*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Irrigated Row and Field Crops	Irrigated Grain Crops	Marine	Mixed Chaparral	Montane Hardwood-Conifer	Pasture	Perennial Grassland	Redwood	Urban	Valley Foothill Riparian	Vineyard
tidestrom's lupine	*Lupinus tidestromii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spreading navarretia	*Navarretia fossalis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dudley's lousewort	*Pedicularis dudleyi*	FS	0.00	0.00	0.00	1.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00
white-rayed pentachaeta	*Pentachaeta bellidiflora*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yadon's rein orchid	*Piperia yadonii*	FE	0.00	0.00	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san francisco popcornflower	*Plagiobothrys diffusus*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa lucia mint	*Pogogyne clareana*	SE	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
scotts valley polygonum	*Polygonum hickmanii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hickman's cinquefoil	*Potentilla hickmanii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
adobe sanicle	*Sanicula maritima*	N/A	0.00	0.00	0.00	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00
rock sanicle	*Sanicula saxatilis*	FS	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cuesta pass checkerbloom	*Sidalcea hickmanii ssp. anomala*	FS	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
parish's checkerbloom	*Sidalcea hickmanii ssp. parishii*	FS	0.00	0.00	0.00	0.28	0.14	0.00	0.00	0.00	0.00	0.00	0.00
metcalf canyon jewelflower	*Streptanthus albidus ssp. albidus*	FE & FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tiburon jewelflower	*Streptanthus glandulosus ssp. niger*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pacific grove clover	*Trifolium polyodon*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
monterey clover	*Trifolium trichocalyx*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Caltrans District 5 – Central Valley Coast Ranges Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise - Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub
		Total:	0.45	20.56	0.14	1.61	0.05	0.17	2.31	3.51
Amphibians										
California tiger salamander	*Ambystoma californiense*	FE & FT & ST	0.00	20.56	0.00	1.61	0.05	0.00	2.31	0.00
California newt	*Taricha torosa*	N/A	0.00	16.30	0.00	1.03	0.00	0.00	1.86	3.20
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.00	1.50	0.05	0.00	2.31	3.23
western spadefoot	*Spea hammondii*	FS	0.45	20.14	0.00	0.83	0.05	0.11	2.31	3.51
arroyo toad	*Anaxyrus californicus*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.00	17.39	0.00	1.50	0.03	0.11	1.94	3.31
California red-legged frog	*Rana draytonii*	FT	0.00	20.56	0.00	1.61	0.05	0.00	2.31	3.51
Birds										
great blue heron	*Ardea herodias*	N/A	0.00	20.56	0.00	1.61	0.05	0.00	2.31	3.51
great egret	*Ardea alba*	N/A	0.00	11.94	0.00	0.25	0.00	0.00	1.86	0.00
California condor	*Gymnogyps Californianus*	FE & SE	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.00	12.45	0.10	1.50	0.03	0.00	1.86	0.00
white-tailed kite	*Elanus leucurus*	FS	0.45	20.56	0.14	1.61	0.05	0.17	2.31	3.51
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.00	20.56	0.14	1.61	0.05	0.17	2.31	3.51
northern harrier	*Circus cyaneus*	N/A	0.45	20.56	0.14	1.61	0.05	0.17	2.31	3.51
golden eagle	*Aquila chrysaetos*	FS	0.45	20.56	0.14	1.61	0.05	0.17	2.31	3.51
peregrine falcon	*Falco peregrinus*	FS	0.00	20.56	0.14	1.61	0.05	0.17	2.31	3.51
California quail	*Callipepla californica*	N/A	0.45	20.56	0.00	1.61	0.05	0.17	2.31	3.51
sandhill crane	*Grus canadensis*	N/A	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
lesser sandhill crane	*Grus canadensis canadensis*	N/A	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
mountain plover	*Charadrius montanus*	FS	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.45	20.56	0.14	1.61	0.05	0.17	2.31	3.51
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00
California spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00
long-eared owl	*Asio otus*	N/A	0.00	20.56	0.00	1.61	0.05	0.17	2.31	0.00
short-eared owl	*Asio flammeus*	N/A	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00
purple martin	*Progne subis*	N/A	0.00	10.73	0.00	0.25	0.00	0.00	1.86	0.00
bank swallow	*Riparia riparia*	FS & ST	0.00	0.77	0.00	0.00	0.00	0.00	0.00	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.00	1.61	0.05	0.17	2.31	3.51
loggerhead shrike	*Lanius ludovicianus*	N/A	0.45	20.56	0.14	1.61	0.05	0.17	2.31	3.51
bell's vireo	*Vireo bellii*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
least bell's vireo	*Vireo bellii pusillus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.00	1.56	0.05	0.17	2.31	3.36
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.00	1.61	0.05	0.17	2.31	3.51
common yellowthroat	*Geothlypis trichas*	N/A	0.00	20.56	0.00	0.00	0.00	0.00	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.36
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.00	1.61	0.05	0.17	2.31	3.51
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.00	1.56	0.05	0.17	2.31	3.36
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.00	12.68	0.00	0.00	0.05	0.17	0.00	3.23
vesper sparrow	*Pooecetes gramineus*	N/A	0.00	1.79	0.00	1.30	0.03	0.00	0.00	0.00
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	0.00	1.79	0.00	1.30	0.03	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.45	0.00	0.00	0.00	0.00	0.11	0.00	3.51
savannah sparrow	*Passerculus sandwichensis*	N/A	0.45	20.56	0.00	1.61	0.05	0.17	2.31	3.51
bryant's savannah sparrow	*Passerculus sandwichensis alaudinus*	N/A	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	3.85	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.00	20.56	0.00	1.61	0.05	0.17	2.31	3.51

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Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise - Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	20.56	0.00	0.00	0.00	0.00	0.00	3.51
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	20.56	0.00	0.00	0.00	0.00	0.00	0.00
Mammals										
ornate shrew	*Sorex ornatus*	N/A	0.00	20.56	0.00	1.61	0.05	0.00	2.31	3.51
broad-footed mole	*Scapanus latimanus*	N/A	0.00	20.56	0.00	1.61	0.05	0.00	2.31	3.51
yuma myotis	*Myotis yumanensis*	FS	0.45	20.56	0.00	1.61	0.05	0.17	2.31	3.51
long-eared myotis	*Myotis evotis*	FS	0.43	0.00	0.14	1.56	0.05	0.17	2.31	3.36
fringed myotis	*Myotis thysanodes*	FS	0.00	20.56	0.14	1.61	0.05	0.17	2.31	3.51
small-footed myotis	*Myotis ciliolabrum*	FS	0.45	20.56	0.14	1.61	0.05	0.17	2.31	3.51
western red bat	*Lasiurus blossevillii*	N/A	0.00	20.56	0.00	1.61	0.05	0.17	2.31	3.51
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.45	20.56	0.14	1.61	0.05	0.17	2.31	3.51
pallid bat	*Antrozous pallidus*	FS	0.45	20.56	0.14	1.61	0.05	0.17	2.31	3.51
western mastiff bat	*Eumops perotis*	FS	0.45	20.56	0.14	1.61	0.05	0.17	2.31	3.51
brush rabbit	*Sylvilagus bachmani*	N/A	0.45	20.56	0.00	1.61	0.05	0.17	2.31	3.51
black-tailed jackrabbit	*Lepus californicus*	N/A	0.45	20.56	0.00	1.61	0.05	0.17	2.31	3.51
nelson's antelope ground squirrel	*Ammospermophilus nelsoni*	FS & ST	0.01	0.27	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin pocket mouse	*Perognathus inornatus*	FS	0.00	9.75	0.14	0.11	0.00	0.00	0.00	0.00
California pocket mouse	*Chaetodipus californicus*	N/A	0.00	20.56	0.00	1.61	0.05	0.17	2.31	3.51
narrow-faced kangaroo rat	*Dipodomys venustus*	N/A	0.00	11.58	0.00	0.72	0.05	0.11	2.31	3.20
santa cruz kangaroo rat	*Dipodomys venustus venustus*	N/A	0.00	11.12	0.00	0.25	0.02	0.09	2.31	3.20
big-eared kangaroo rat	*Dipodomys venustus elephantinus*	N/A	0.00	1.08	0.00	0.47	0.03	0.02	0.00	0.00
heermann's kangaroo rat	*Dipodomys heermanni*	N/A	0.45	20.56	0.00	1.61	0.05	0.00	2.31	3.51
giant kangaroo rat	*Dipodomys ingens*	FE & SE	0.45	8.83	0.04	0.00	0.00	0.00	0.00	0.00
fresno kangaroo rat	*Dipodomys nitratoides*	FE & SE	0.01	0.27	0.00	0.05	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.45	20.56	0.14	1.61	0.05	0.17	2.31	3.51
southern grasshopper mouse	*Onychomys torridus*	N/A	0.01	0.88	0.00	0.00	0.00	0.00	0.00	0.15
desert woodrat	*Neotoma lepida*	N/A	0.45	0.00	0.00	0.00	0.05	0.17	0.00	3.51
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	0.00	1.61	0.05	0.17	2.31	3.51
California vole	*Microtus californicus*	N/A	0.45	20.56	0.00	1.61	0.05	0.00	2.31	3.51
red fox	*Vulpes vulpes*	N/A	0.00	2.98	0.00	0.00	0.00	0.00	0.00	0.00
kit fox	*Vulpes macrotis*	N/A	0.43	11.75	0.14	0.53	0.00	0.00	0.00	0.00
san joaquin kit fox	*Vulpes macrotis mutica*	FE & ST	0.43	11.75	0.14	0.53	0.00	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	0.45	20.56	0.14	1.61	0.05	0.17	2.31	3.51
American badger	*Taxidea taxus*	N/A	0.45	20.56	0.14	1.61	0.05	0.17	2.31	3.51
western spotted skunk	*Spilogale gracilis*	N/A	0.45	20.56	0.00	1.61	0.05	0.17	2.31	3.51
mountain lion	*Puma concolor*	ST	0.00	20.56	0.00	1.61	0.05	0.17	2.31	3.51
Reptiles										
blunt-nosed leopard lizard	*Gambelia sila*	FE & SE	0.01	0.27	0.00	0.05	0.00	0.00	0.00	0.00
blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.45	20.56	0.00	1.61	0.05	0.17	2.31	3.51
desert night lizard	*Xantusia vigilis*	FS	0.00	0.83	0.00	0.47	0.03	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.00	20.56	0.00	1.61	0.05	0.17	2.31	3.51
California legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.00	1.61	0.05	0.17	2.31	3.51
ring-necked snake	*Diadophis punctatus*	N/A	0.00	20.56	0.00	1.61	0.05	0.17	2.31	3.51
coachwhip	*Coluber flagellum*	N/A	0.22	5.75	0.00	1.36	0.05	0.08	0.45	0.20
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.00	1.61	0.05	0.17	2.31	3.51
western patch-nosed snake	*Salvadora hexalepis*	N/A	0.00	0.85	0.00	0.00	0.00	0.02	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	0.45	20.56	0.00	1.61	0.05	0.17	2.31	3.51
California mountain kingsnake	*Lampropeltis zonata*	N/A	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	0.00	20.56	0.00	1.61	0.05	0.17	2.31	3.51

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise - Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub
two-striped gartersnake	*Thamnophis hammondii*	FS	0.00	20.56	0.00	1.61	0.05	0.17	2.31	3.51
Invertebrates										
longhorn fairy shrimp	*Branchinecta longiantenna*	FE	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
vernal pool fairy shrimp	*Branchinecta lynchi*	FT	0.00	8.10	0.00	0.00	0.00	0.00	0.00	0.00
Plants										
san mateo thorn-mint	*Acanthomintha duttonii*	FE & SE	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
pallid manzanita	*Arctostaphylos pallida*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sonoma sunshine	*Blennosperma bakeri*	FE & SE	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
dwarf goldenstar	*Bloomeria humilis*	FS	0.00	20.56	0.00	0.00	0.00	0.00	0.00	3.51
san benito evening-primrose	*Camissonia benitensis*	FT	0.00	5.06	0.00	0.00	0.00	0.00	0.00	0.00
tiburon paintbrush	*Castilleja affinis var. neglecta*	FE & ST	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
succulent owl's-clover	*Castilleja campestris var. succulenta*	FT & SE	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
California jewelflower	*Caulanthus californicus*	FE & SE	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
coyote ceanothus	*Ceanothus ferrisiae*	FE	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
mason's ceanothus	*Ceanothus masonii*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa lucia purple amole	*Chlorogalum purpureum var. purpureum*	FT	0.00	16.71	0.00	0.00	0.00	0.00	0.00	0.00
camatta canyon amole	*Chlorogalum purpureum var. reductum*	FT	0.00	16.71	0.00	0.00	0.00	0.00	0.00	0.00
palmate-bracted bird's-beak	*Chloropyron palmatum*	FE & SE	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
monterey spineflower	*Chorizanthe pungens var. pungens*	FT	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
scotts valley spineflower	*Chorizanthe robusta var. hartwegii*	FE	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
robust spineflower	*Chorizanthe robusta var. robusta*	FE & FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
crystal springs fountain thistle	*Cirsium fontinale var. fontinale*	FE & SE	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
san luis obispo fountain thistle	*Cirsium fontinale var. obispoense*	FE & SE	0.00	16.71	0.00	0.00	0.00	0.00	0.00	3.36
presidio clarkia	*Clarkia franciscana*	FE & SE	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
mt. diablo bird's-beak	*Cordylanthus nidularius*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
baker's larkspur	*Delphinium bakeri*	FE & SE	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
vandenberg monkeyflower	*Diplacus vandenbergensis*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.36
santa clara valley dudleya	*Dudleya abramsii ssp. setchellii*	FE	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
kern mallow	*Eremalche parryi ssp. kernensis*	FE	0.00	5.06	0.00	0.00	0.00	0.00	0.00	0.00
indian knob mountainbalm	*Eriodictyon altissimum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.36
lompoc yerba santa	*Eriodictyon capitatum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.36
butterworth's buckwheat	*Eriogonum butterworthianum*	FS	0.00	16.71	0.00	0.00	0.00	0.00	0.00	0.00
santa cruz wallflower	*Erysimum teretifolium*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hoover's spurge	*Euphorbia hooveri*	FT	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	0.00	20.56	0.00	0.00	0.00	0.00	0.00	3.51
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
santa cruz cypress	*Hesperocyparis abramsiana var. abramsiana*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
butano ridge cypress	*Hesperocyparis abramsiana var. butanoensis*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marin western flax	*Hesperolinon congestum*	FT & ST	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin woollythreads	*Monolopia congdonii*	FE	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise - Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub
spreading navarretia	*Navarretia fossalis*	FT	0.00	16.71	0.00	0.00	0.00	0.00	0.00	0.00
colusa grass	*Neostapfia colusana*	FT & SE	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
bakersfield cactus	*Opuntia basilaris var. treleasei*	FE & SE	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin valley orcutt grass	*Orcuttia inaequalis*	FT & SE	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
hairy orcutt grass	*Orcuttia pilosa*	FE & SE	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
dudley's lousewort	*Pedicularis dudleyi*	FS	0.00	18.81	0.00	0.00	0.00	0.00	0.00	0.00
white-rayed pentachaeta	*Pentachaeta bellidiflora*	FE & SE	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
san francisco popcornflower	*Plagiobothrys diffusus*	SE	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
santa lucia mint	*Pogogyne clareana*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
scotts valley polygonum	*Polygonum hickmanii*	FE & SE	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin adobe sunburst	*Pseudobahia peirsonii*	FT & SE	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00
adobe sanicle	*Sanicula maritima*	N/A	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
rock sanicle	*Sanicula saxatilis*	FS	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
parish's checkerbloom	*Sidalcea hickmanii ssp. parishii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
metcalf canyon jewelflower	*Streptanthus albidus ssp. albidus*	FE & FS	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
greene's tuctoria	*Tuctoria greenei*	FE	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Dryland Grain Crops	Irrigated Row and Field Crops	Mixed Chaparral	Montane Hardwood	Pasture	Urban	Valley Foothill Riparian	Vineyard
		Total:	3.42	0.18	0.13	0.02	0.02	11.76	0.84	0.08
Amphibians										
California tiger salamander	*Ambystoma californiense*	FE & FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.00
California newt	*Taricha torosa*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.13	0.02	0.00	0.00	0.31	0.00
western spadefoot	*Spea hammondii*	FS	3.42	0.18	0.13	0.00	0.00	0.00	0.00	0.08
arroyo toad	*Anaxyrus californicus*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.00	0.00	0.00	0.02	0.00	0.00	0.81	0.00
California red-legged frog	*Rana draytonii*	FT	0.00	0.00	0.13	0.02	0.00	0.00	0.84	0.00
Birds										
great blue heron	*Ardea herodias*	N/A	3.42	0.18	0.00	0.02	0.00	11.76	0.84	0.00
great egret	*Ardea alba*	N/A	3.42	0.18	0.00	0.00	0.00	2.51	0.31	0.05
California condor	*Gymnogyps Californianus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.00	0.00	0.00	0.02	0.00	0.00	0.31	0.00
white-tailed kite	*Elanus leucurus*	FS	3.42	0.18	0.13	0.00	0.00	11.76	0.84	0.08
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.00	0.00	0.13	0.02	0.00	0.00	0.84	0.00
northern harrier	*Circus cyaneus*	N/A	3.42	0.00	0.13	0.02	0.00	11.76	0.84	0.08
golden eagle	*Aquila chrysaetos*	FS	0.00	0.00	0.13	0.02	0.02	11.76	0.84	0.00
peregrine falcon	*Falco peregrinus*	FS	0.00	0.00	0.13	0.02	0.00	11.76	0.84	0.00
California quail	*Callipepla californica*	N/A	0.00	0.00	0.13	0.02	0.00	11.76	0.84	0.08
sandhill crane	*Grus canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lesser sandhill crane	*Grus canadensis canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mountain plover	*Charadrius montanus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.00	0.00	0.13	0.00	0.02	11.76	0.84	0.00
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
California spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
long-eared owl	*Asio otus*	N/A	0.00	0.00	0.13	0.02	0.02	0.00	0.84	0.00
short-eared owl	*Asio flammeus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
purple martin	*Progne subis*	N/A	0.00	0.00	0.00	0.02	0.00	2.23	0.31	0.00
bank swallow	*Riparia riparia*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.13	0.02	0.00	11.76	0.84	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	3.42	0.00	0.13	0.02	0.00	11.76	0.84	0.08
bell's vireo	*Vireo bellii*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00
least bell's vireo	*Vireo bellii pusillus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.13	0.02	0.00	11.76	0.84	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.13	0.02	0.00	11.76	0.84	0.00
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.13	0.02	0.00	11.76	0.84	0.00
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.13	0.02	0.00	11.76	0.84	0.00
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.00	0.00	0.13	0.00	0.00	0.00	0.31	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	3.42	0.00	0.13	0.00	0.02	0.00	0.84	0.08
bryant's savannah sparrow	*Passerculus sandwichensis alaudinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.00	0.00	0.13	0.02	0.00	11.76	0.84	0.00
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.18	0.00	0.00	0.00	11.76	0.84	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	3.42	0.18	0.00	0.00	0.00	11.76	0.84	0.00
Mammals										
ornate shrew	*Sorex ornatus*	N/A	0.00	0.00	0.13	0.00	0.00	0.00	0.84	0.00

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broad-footed mole	*Scapanus latimanus*	N/A	3.42	0.18	0.00	0.02	0.02	0.00	0.84	0.08
yuma myotis	*Myotis yumanensis*	FS	3.42	0.18	0.13	0.02	0.02	11.76	0.84	0.08
long-eared myotis	*Myotis evotis*	FS	3.42	0.18	0.13	0.02	0.02	0.00	0.84	0.08
fringed myotis	*Myotis thysanodes*	FS	3.42	0.18	0.13	0.02	0.02	11.76	0.84	0.00
small-footed myotis	*Myotis ciliolabrum*	FS	3.42	0.18	0.13	0.02	0.02	11.76	0.84	0.08
western red bat	*Lasiurus blossevillii*	N/A	0.00	0.00	0.13	0.02	0.02	11.76	0.84	0.00
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.00	0.18	0.13	0.02	0.02	11.76	0.84	0.08
pallid bat	*Antrozous pallidus*	FS	3.42	0.18	0.13	0.02	0.02	11.76	0.84	0.08
western mastiff bat	*Eumops perotis*	FS	3.42	0.18	0.13	0.02	0.02	11.76	0.84	0.08
brush rabbit	*Sylvilagus bachmani*	N/A	3.42	0.18	0.13	0.02	0.02	11.76	0.84	0.08
black-tailed jackrabbit	*Lepus californicus*	N/A	3.42	0.18	0.13	0.02	0.02	11.76	0.84	0.08
nelson's antelope ground squirrel	*Ammospermophilus nelsoni*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin pocket mouse	*Perognathus inornatus*	FS	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
California pocket mouse	*Chaetodipus californicus*	N/A	0.00	0.00	0.13	0.02	0.00	0.00	0.00	0.00
narrow-faced kangaroo rat	*Dipodomys venustus*	N/A	3.42	0.00	0.13	0.00	0.00	0.00	0.00	0.05
santa cruz kangaroo rat	*Dipodomys venustus venustus*	N/A	3.42	0.00	0.13	0.00	0.00	0.00	0.00	0.02
big-eared kangaroo rat	*Dipodomys venustus elephantinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
heermann's kangaroo rat	*Dipodomys heermanni*	N/A	0.00	0.00	0.13	0.02	0.02	0.00	0.00	0.00
giant kangaroo rat	*Dipodomys ingens*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
fresno kangaroo rat	*Dipodomys nitratoides*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	3.42	0.18	0.13	0.02	0.02	11.76	0.84	0.08
southern grasshopper mouse	*Onychomys torridus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
desert woodrat	*Neotoma lepida*	N/A	0.00	0.00	0.13	0.02	0.00	0.00	0.00	0.00
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	0.13	0.02	0.00	0.00	0.84	0.00
California vole	*Microtus californicus*	N/A	3.42	0.18	0.13	0.02	0.02	11.76	0.84	0.08
red fox	*Vulpes vulpes*	N/A	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
kit fox	*Vulpes macrotis*	N/A	0.00	0.00	0.00	0.00	0.02	0.00	0.52	0.00
san joaquin kit fox	*Vulpes macrotis mutica*	FE & ST	0.00	0.00	0.00	0.00	0.02	0.00	0.52	0.00
ringtail	*Bassariscus astutus*	N/A	3.42	0.18	0.13	0.02	0.02	0.00	0.84	0.08
American badger	*Taxidea taxus*	N/A	3.42	0.18	0.13	0.02	0.02	0.00	0.84	0.08
western spotted skunk	*Spilogale gracilis*	N/A	3.42	0.18	0.13	0.02	0.02	11.76	0.84	0.08
mountain lion	*Puma concolor*	ST	0.00	0.00	0.13	0.02	0.02	0.00	0.84	0.08
Reptiles										
blunt-nosed leopard lizard	*Gambelia sila*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
blainville's horned lizard	*Phrynosoma blainvillii*	FS	3.42	0.18	0.13	0.00	0.00	0.00	0.84	0.08
desert night lizard	*Xantusia vigilis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.00	0.18	0.13	0.02	0.02	0.00	0.84	0.08
California legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.13	0.00	0.00	0.00	0.84	0.00
ring-necked snake	*Diadophis punctatus*	N/A	0.00	0.00	0.13	0.02	0.02	11.76	0.84	0.00
coachwhip	*Coluber flagellum*	N/A	0.00	0.00	0.13	0.00	0.02	0.00	0.00	0.00
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.13	0.02	0.00	0.00	0.84	0.00
western patch-nosed snake	*Salvadora hexalepis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	3.42	0.18	0.13	0.02	0.02	11.76	0.84	0.08
California mountain kingsnake	*Lampropeltis zonata*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	3.42	0.18	0.13	0.02	0.02	0.00	0.84	0.08
two-striped gartersnake	*Thamnophis hammondii*	FS	0.00	0.00	0.13	0.02	0.00	0.00	0.84	0.00
Invertebrates										
longhorn fairy shrimp	*Branchinecta longiantenna*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vernal pool fairy shrimp	*Branchinecta lynchi*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Dryland Grain Crops	Irrigated Row and Field Crops	Mixed Chaparral	Montane Hardwood	Pasture	Urban	Valley Foothill Riparian	Vineyard
Plants										
san mateo thorn-mint	*Acanthomintha duttonii*	FE & SE	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
pallid manzanita	*Arctostaphylos pallida*	FT & SE	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
sonoma sunshine	*Blennosperma bakeri*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dwarf goldenstar	*Bloomeria humilis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san benito evening-primrose	*Camissonia benitensis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tiburon paintbrush	*Castilleja affinis var. neglecta*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
succulent owl's-clover	*Castilleja campestris var. succulenta*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California jewelflower	*Caulanthus californicus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coyote ceanothus	*Ceanothus ferrisiae*	FE	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
mason's ceanothus	*Ceanothus masonii*	N/A	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
santa lucia purple amole	*Chlorogalum purpureum var. purpureum*	FT	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
camatta canyon amole	*Chlorogalum purpureum var. reductum*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
palmate-bracted bird's-beak	*Chloropyron palmatum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
monterey spineflower	*Chorizanthe pungens var. pungens*	FT	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
scotts valley spineflower	*Chorizanthe robusta var. hartwegii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
robust spineflower	*Chorizanthe robusta var. robusta*	FE & FS	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
crystal springs fountain thistle	*Cirsium fontinale var. fontinale*	FE & SE	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
san luis obispo fountain thistle	*Cirsium fontinale var. obispoense*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
presidio clarkia	*Clarkia franciscana*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mt. diablo bird's-beak	*Cordylanthus nidularius*	FS	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
baker's larkspur	*Delphinium bakeri*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vandenberg monkeyflower	*Diplacus vandenbergensis*	FE	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
santa clara valley dudleya	*Dudleya abramsii ssp. setchellii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kern mallow	*Eremalche parryi ssp. kernensis*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
indian knob mountainbalm	*Eriodictyon altissimum*	FE & SE	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
lompoc yerba santa	*Eriodictyon capitatum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
butterworth's buckwheat	*Eriogonum butterworthianum*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa cruz wallflower	*Erysimum teretifolium*	FE & SE	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
hoover's spurge	*Euphorbia hooveri*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa cruz cypress	*Hesperocyparis abramsiana var. abramsiana*	FT & SE	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
butano ridge cypress	*Hesperocyparis abramsiana var. butanoensis*	FT & SE	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
marin western flax	*Hesperolinon congestum*	FT & ST	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin woollythreads	*Monolopia congdonii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spreading navarretia	*Navarretia fossalis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
colusa grass	*Neostapfia colusana*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bakersfield cactus	*Opuntia basilaris var. treleasei*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Dryland Grain Crops	Irrigated Row and Field Crops	Mixed Chaparral	Montane Hardwood	Pasture	Urban	Valley Foothill Riparian	Vineyard
san joaquin valley orcutt grass	*Orcuttia inaequalis*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hairy orcutt grass	*Orcuttia pilosa*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dudley's lousewort	*Pedicularis dudleyi*	FS	0.00	0.00	0.13	0.02	0.00	0.00	0.00	0.00
white-rayed pentachaeta	*Pentachaeta bellidiflora*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san francisco popcornflower	*Plagiobothrys diffusus*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa lucia mint	*Pogogyne clareana*	SE	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
scotts valley polygonum	*Polygonum hickmanii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin adobe sunburst	*Pseudobahia peirsonii*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
adobe sanicle	*Sanicula maritima*	N/A	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
rock sanicle	*Sanicula saxatilis*	FS	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
parish's checkerbloom	*Sidalcea hickmanii ssp. parishii*	FS	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
metcalf canyon jewelflower	*Streptanthus albidus ssp. albidus*	FE & FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
greene's tuctoria	*Tuctoria greenei*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Caltrans District 5 – Southern California Coast Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Chamise - Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Deciduous Orchard	Eucalyptus	Fresh Emergent Wetland	Lacustrine	Mixed Chaparral	Pasture	Sierran Mixed Conifer	Urban	Valley Foothill Riparian
		Total:	56.13	32.49	0.07	5.65	18.44	0.20	0.12	0.03	0.18	4.89	21.63	0.07	36.70	1.57
Amphibians																
California tiger salamander	*Ambystoma californiense*	FE & FT & ST	52.15	0.00	0.00	3.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California newt	*Taricha torosa*	N/A	1.14	0.00	0.00	2.07	3.97	0.00	0.12	0.03	0.18	4.12	0.00	0.00	0.00	0.36
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.00	5.65	18.44	0.00	0.12	0.00	0.00	4.89	0.00	0.07	0.00	1.57
western spadefoot	*Spea hammondii*	FS	56.13	0.00	0.07	5.50	18.44	0.20	0.12	0.03	0.18	4.60	0.00	0.00	0.00	0.00
arroyo toad	*Anaxyrus californicus*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	4.11	0.00	0.07	2.29	6.71	0.00	0.12	0.00	0.00	4.83	0.00	0.07	0.00	0.66
California red-legged frog	*Rana draytonii*	FT	56.13	0.00	0.00	5.65	18.44	0.00	0.12	0.03	0.18	4.89	0.00	0.00	0.00	1.57
Birds																
common loon	*Gavia immer*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	32.49	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00
brown pelican	*Pelecanus occidentalis*	FS	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00
least bittern	*Ixobrychus exilis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.18	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	56.13	0.00	0.00	5.65	18.44	0.00	0.12	0.03	0.18	0.00	0.00	0.07	36.70	1.57
great egret	*Ardea alba*	N/A	56.13	0.00	0.00	5.65	0.00	0.00	0.12	0.03	0.18	0.00	0.00	0.00	36.70	1.57
redhead	*Aythya Americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.18	0.00	0.00	0.00	0.00	0.00
California condor	*Gymnogyps Californianus*	FE & SE	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	56.13	32.49	0.00	5.65	0.00	0.00	0.12	0.03	0.18	4.89	0.00	0.07	0.00	1.57
white-tailed kite	*Elanus leucurus*	FS	56.13	32.49	0.07	5.65	18.44	0.20	0.12	0.03	0.00	4.89	0.00	0.00	36.70	1.57
bald eagle	*Haliaeetus leucocephalus*	FS & SE	56.13	32.49	0.07	5.65	18.44	0.00	0.12	0.03	0.18	4.89	0.00	0.07	0.00	1.57
northern harrier	*Circus cyaneus*	N/A	56.13	32.49	0.07	5.65	18.44	0.20	0.12	0.03	0.18	4.89	0.00	0.07	36.70	1.57
golden eagle	*Aquila chrysaetos*	FS	56.13	32.49	0.07	5.65	18.44	0.00	0.12	0.03	0.00	4.89	21.63	0.07	36.70	1.57
peregrine falcon	*Falco peregrinus*	FS	56.13	32.49	0.07	5.65	18.44	0.00	0.12	0.03	0.18	4.89	0.00	0.07	36.70	1.57
California quail	*Callipepla californica*	N/A	56.13	0.00	0.07	5.65	18.44	0.20	0.12	0.00	0.00	4.89	0.00	0.07	36.70	1.57
snowy plover	*Charadrius nivosus*	FT	0.00	29.72	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00
mountain plover	*Charadrius montanus*	FS	46.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
least tern	*Sternula antillarum*	FE & SE	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black skimmer	*Rynchops niger*	N/A	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	50.07	3.49	0.02	1.71	6.45	0.00	0.12	0.00	0.00	1.14	16.00	0.00	34.48	0.36
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.11
California spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.00	0.00	1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.11
long-eared owl	*Asio otus*	N/A	56.13	0.00	0.07	5.65	0.00	0.00	0.12	0.00	0.00	4.89	21.63	0.07	0.00	1.57
short-eared owl	*Asio flammeus*	N/A	50.70	0.00	0.02	2.27	6.04	0.00	0.12	0.03	0.00	4.18	0.00	0.00	31.12	0.36
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.07	0.00	0.00	0.00	0.12	0.00	0.00	4.83	0.00	0.07	0.00	0.00
purple martin	*Progne subis*	N/A	3.76	0.00	0.00	2.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.07	28.35	0.49
cactus wren	*Campylorhynchus brunneicapillus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.07	5.65	18.44	0.20	0.12	0.00	0.00	4.89	0.00	0.00	36.70	1.57
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	1.57
loggerhead shrike	*Lanius ludovicianus*	N/A	56.13	32.49	0.07	5.65	18.44	0.20	0.12	0.00	0.00	4.89	0.00	0.00	36.70	1.57
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.07	5.65	18.44	0.20	0.12	0.00	0.00	4.89	0.00	0.07	36.70	1.57
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.07	5.65	18.44	0.20	0.12	0.00	0.00	4.89	0.00	0.07	36.70	1.57
common yellowthroat	*Geothlypis trichas*	N/A	56.13	0.00	0.00	0.00	0.00	0.00	0.12	0.03	0.00	0.00	0.00	0.00	0.00	1.57
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	18.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.57

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Common Name	Species Name	Status	Annual Grass	Barren	Chamise - Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Deciduous Orchard	Eucalyptus	Fresh Emergent Wetland	Lacustrine	Mixed Chaparral	Pasture	Sierran Mixed Conifer	Urban	Valley Foothill Riparian
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.07	5.65	18.44	0.20	0.12	0.00	0.00	4.89	0.00	0.07	36.70	1.57
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.07	5.65	18.44	0.20	0.12	0.00	0.00	4.89	0.00	0.00	36.70	1.57
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	56.13	0.00	0.07	0.00	18.44	0.00	0.12	0.00	0.00	4.89	0.00	0.00	0.00	1.57
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.07	0.00	3.17	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	56.13	0.00	0.07	5.65	18.44	0.20	0.12	0.00	0.00	4.89	21.63	0.00	0.00	1.57
bryant's savannah sparrow	*Passerculus sandwichensis alaudinus*	N/A	48.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.12	0.00	0.00	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	56.13	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	56.13	0.00	0.07	5.65	18.44	0.20	0.12	0.03	0.18	4.89	0.00	0.07	36.70	1.57
red-winged blackbird	*Agelaius phoeniceus*	N/A	56.13	0.00	0.00	0.00	18.44	0.20	0.12	0.03	0.00	0.00	0.00	0.00	36.70	1.57
tricolored blackbird	*Agelaius tricolor*	FS & ST	52.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.72	1.21
Mammals																
ornate shrew	*Sorex ornatus*	N/A	56.13	0.00	0.00	5.65	18.44	0.00	0.12	0.03	0.00	4.89	0.00	0.07	0.00	1.57
broad-footed mole	*Scapanus latimanus*	N/A	56.13	0.00	0.00	5.65	18.44	0.20	0.12	0.00	0.00	0.00	21.63	0.07	0.00	1.57
yuma myotis	*Myotis yumanensis*	FS	56.13	0.00	0.07	5.65	18.44	0.20	0.12	0.03	0.18	4.89	21.63	0.07	36.70	1.57
long-eared myotis	*Myotis evotis*	FS	0.00	32.49	0.07	5.65	18.44	0.20	0.12	0.03	0.18	4.89	21.63	0.07	0.00	1.57
fringed myotis	*Myotis thysanodes*	FS	56.13	32.49	0.07	5.65	18.44	0.00	0.12	0.00	0.18	4.89	21.63	0.07	36.70	1.57
small-footed myotis	*Myotis ciliolabrum*	FS	56.13	32.49	0.07	5.65	18.44	0.20	0.12	0.03	0.18	4.89	21.63	0.07	36.70	1.57
western red bat	*Lasiurus blossevillii*	N/A	56.13	0.00	0.07	5.65	18.44	0.00	0.12	0.03	0.18	4.89	21.63	0.07	36.70	1.57
townsend's big-eared bat	*Corynorhinus townsendii*	FS	56.13	32.49	0.07	5.65	18.44	0.20	0.12	0.00	0.00	4.89	21.63	0.07	36.70	1.57
pallid bat	*Antrozous pallidus*	FS	56.13	32.49	0.07	5.65	18.44	0.20	0.12	0.00	0.00	4.89	21.63	0.07	36.70	1.57
western mastiff bat	*Eumops perotis*	FS	56.13	32.49	0.07	5.65	18.44	0.20	0.12	0.03	0.00	4.89	21.63	0.00	36.70	1.57
brush rabbit	*Sylvilagus bachmani*	N/A	56.13	0.00	0.07	5.65	18.44	0.20	0.12	0.00	0.00	4.89	21.63	0.07	36.70	1.57
black-tailed jackrabbit	*Lepus californicus*	N/A	56.13	0.00	0.07	5.65	18.44	0.20	0.12	0.00	0.00	4.89	21.63	0.07	36.70	1.57
California pocket mouse	*Chaetodipus californicus*	N/A	56.13	0.00	0.07	5.65	18.44	0.00	0.12	0.00	0.00	4.89	0.00	0.00	0.00	0.00
heermann's kangaroo rat	*Dipodomys heermanni*	N/A	52.82	0.00	0.00	4.11	12.30	0.00	0.00	0.00	0.00	3.28	19.01	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	56.13	32.49	0.07	5.65	18.44	0.20	0.12	0.03	0.00	4.89	21.63	0.07	36.70	1.57
desert woodrat	*Neotoma lepida*	N/A	0.00	0.00	0.07	0.00	18.44	0.00	0.00	0.00	0.00	4.89	0.00	0.00	0.00	0.00
California vole	*Microtus californicus*	N/A	56.13	0.00	0.00	5.65	18.44	0.20	0.12	0.03	0.00	4.89	21.63	0.07	36.70	1.57
red fox	*Vulpes vulpes*	N/A	0.36	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	1.40	0.02	0.07	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	56.13	32.49	0.07	5.65	18.44	0.00	0.12	0.00	0.00	4.89	21.63	0.07	0.00	1.57
American badger	*Taxidea taxus*	N/A	56.13	32.49	0.07	5.65	18.44	0.20	0.12	0.00	0.00	4.89	21.63	0.07	0.00	1.57
western spotted skunk	*Spilogale gracilis*	N/A	56.13	0.00	0.07	5.65	18.44	0.20	0.12	0.00	0.00	4.89	21.63	0.07	36.70	1.57
mountain lion	*Puma concolor*	ST	56.13	0.00	0.07	5.65	18.44	0.20	0.12	0.00	0.00	4.89	21.63	0.07	0.00	1.57
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	0.07	5.65	18.44	0.00	0.12	0.00	0.00	4.89	0.00	0.07	0.00	1.57
Reptiles																
blainville's horned lizard	*Phrynosoma blainvillii*	FS	56.13	0.00	0.07	5.65	18.44	0.00	0.12	0.00	0.00	4.89	0.00	0.00	0.00	1.57
western skink	*Plestiodon skiltonianus*	N/A	56.13	0.00	0.07	5.65	18.44	0.20	0.12	0.00	0.00	4.89	21.63	0.07	0.00	1.57
California legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.07	5.65	18.44	0.00	0.12	0.00	0.00	4.89	0.00	0.00	0.00	1.57
ring-necked snake	*Diadophis punctatus*	N/A	56.13	0.00	0.07	5.65	18.44	0.00	0.12	0.03	0.00	4.89	21.63	0.07	36.70	1.57
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.07	5.65	18.44	0.00	0.12	0.00	0.00	4.89	0.00	0.07	0.00	1.57
western patch-nosed snake	*Salvadora hexalepis*	N/A	55.45	32.48	0.07	5.63	18.43	0.00	0.12	0.00	0.00	4.89	0.00	0.00	0.00	0.66
gophersnake	*Pituophis catenifer*	N/A	56.13	0.00	0.07	5.65	18.44	0.20	0.12	0.03	0.00	4.89	21.63	0.07	36.70	1.57

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Common Name	Species Name	Status	Annual Grass	Barren	Chamise - Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Deciduous Orchard	Eucalyptus	Fresh Emergent Wetland	Lacustrine	Mixed Chaparral	Pasture	Sierran Mixed Conifer	Urban	Valley Foothill Riparian
California mountain kingsnake	*Lampropeltis zonata*	N/A	3.83	0.00	0.00	2.29	0.00	0.00	0.12	0.00	0.00	4.83	0.00	0.07	0.00	0.68
common gartersnake	*Thamnophis sirtalis*	N/A	56.13	0.00	0.07	5.65	18.44	0.20	0.12	0.03	0.18	4.89	21.63	0.07	0.00	1.57
two-striped gartersnake	*Thamnophis hammondii*	FS	56.13	0.00	0.07	5.65	18.44	0.00	0.12	0.03	0.18	4.89	0.00	0.00	0.00	1.57
Invertebrates																
vernal pool fairy shrimp	*Branchinecta lynchi*	FT	48.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants																
san mateo thorn-mint	*Acanthomintha duttonii*	FE & SE	49.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
san diego thorn-mint	*Acanthomintha ilicifolia*	FT & SE	0.45	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
munz's onion	*Allium munzii*	FE & ST	0.45	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
sonoma alopecurus	*Alopecurus aequalis var. sonomensis*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91
san diego ambrosia	*Ambrosia pumila*	FE	0.45	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
franciscan manzanita	*Arctostaphylos franciscana*	FE	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
del mar manzanita	*Arctostaphylos glandulosa ssp. crassifolia*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
hearsts' manzanita	*Arctostaphylos hookeri ssp. hearstiorum*	SE	49.71	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
san bruno mountain manzanita	*Arctostaphylos imbricata*	SE	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
presidio manzanita	*Arctostaphylos montana ssp. Ravenii*	FE & SE	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
morro manzanita	*Arctostaphylos morroensis*	FT	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
pacific manzanita	*Arctostaphylos pacifica*	SE	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
braunton's milk-vetch	*Astragalus brauntonii*	FE	0.78	0.00	0.00	0.00	1.59	0.00	0.00	0.00	0.00	4.05	0.00	0.00	0.00	0.00
ventura marsh milk-vetch	*Astragalus pycnostachyus var. lanosissimus*	FE & SE	0.00	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coastal dunes milk-vetch	*Astragalus tener var. titi*	FE & SE	0.00	0.00	0.00	0.00	1.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san jacinto valley crownscale	*Atriplex coronata var. notatior*	FE	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
encinitas baccharis	*Baccharis vanessae*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
nevin's barberry	*Berberis nevinii*	FE & SE	0.00	0.00	0.00	0.00	1.59	0.00	0.00	0.00	0.00	4.05	0.00	0.00	0.00	0.00
point reyes blennosperma	*Blennosperma nanum var. robustum*	N/A	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dwarf goldenstar	*Bloomeria humilis*	FS	55.34	0.00	0.00	0.00	16.85	0.00	0.00	0.00	0.00	0.84	0.00	0.00	0.00	0.00
thread-leaved brodiaea	*Brodiaea filifolia*	FT & SE	0.45	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
tiburon mariposa lily	*Calochortus tiburonensis*	FT & ST	49.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California jewelflower	*Caulanthus californicus*	FE & SE	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hearsts' ceanothus	*Ceanothus hearstiorum*	FS	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
maritime ceanothus	*Ceanothus maritimus*	N/A	49.71	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
santa lucia purple amole	*Chlorogalum purpureum var. purpureum*	FT	52.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.00	0.00

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camatta canyon amole	*Chlorogalum purpureum var. reductum*	FT	52.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
salt marsh bird's-beak	*Chloropyron maritimum ssp. maritimum*	FE & SE	0.00	0.00	0.00	0.00	1.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
orcutt's spineflower	*Chorizanthe orcuttiana*	FE & SE	0.00	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
san fernando valley spineflower	*Chorizanthe parryi var. fernandina*	FS & SE	0.33	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
monterey spineflower	*Chorizanthe pungens var. pungens*	FT	49.71	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
robust spineflower	*Chorizanthe robusta var. robusta*	FE & FS	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
sonoma spineflower	*Chorizanthe valida*	FE & SE	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san luis obispo fountain thistle	*Cirsium fontinale var. obispoense*	FE & SE	52.05	0.00	0.00	0.00	16.73	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.00	0.00
surf thistle	*Cirsium rhothophilum*	FS & ST	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
la graciosa thistle	*Cirsium scariosum var. loncholepis*	FE & ST	49.71	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
presidio clarkia	*Clarkia franciscana*	FE & SE	49.71	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pismo clarkia	*Clarkia speciosa ssp. immaculata*	FE	49.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
seaside bird's-beak	*Cordylanthus rigidus ssp. littoralis*	FS & SE	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
otay tarplant	*Deinandra conjugens*	FT & SE	0.45	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gaviota tarplant	*Deinandra increscens ssp. Villosa*	FE & SE	0.45	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa susana tarplant	*Deinandra minthornii*	FS	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	3.45	0.00	0.00	0.00	0.00
baker's larkspur	*Delphinium bakeri*	FE & SE	49.71	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
golden larkspur	*Delphinium luteum*	FE	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
vandenberg monkeyflower	*Diplacus vandenbergensis*	FE	0.00	0.00	0.00	0.00	16.73	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.00	0.00
beach spectaclepod	*Dithyrea maritima*	FS & ST	0.00	0.00	0.00	0.00	1.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender-horned spineflower	*Dodecahema leptoceras*	FE & SE	0.00	0.00	0.00	0.00	1.59	0.00	0.00	0.00	0.00	4.05	0.00	0.00	0.00	0.00
short-leaved dudleya	*Dudleya brevifolia*	SE	0.00	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
marcescent dudleya	*Dudleya cymosa ssp. agourensis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.45	0.00	0.00	0.00	0.00
marcescent dudleya	*Dudleya cymosa ssp. agourensis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.45	0.00	0.00	0.00	0.00
santa monica dudleya	*Dudleya cymosa ssp. ovatifolia*	FT	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	3.45	0.00	0.00	0.00	0.00
conejo dudleya	*Dudleya parva*	FT	0.33	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
laguna beach dudleya	*Dudleya stolonifera*	FT & ST	0.45	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
verity's dudleya	*Dudleya verityi*	FS	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	3.45	0.00	0.00	0.00	0.00
santa ana river woollystar	*Eriastrum densifolium ssp. sanctorum*	FE & SE	0.00	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
indian knob mountainbalm	*Eriodictyon altissimum*	FE & SE	0.00	0.00	0.00	0.00	16.73	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.00	0.00
lompoc yerba santa	*Eriodictyon capitatum*	FE	0.00	0.00	0.00	0.00	16.96	0.00	0.00	0.00	0.00	4.29	0.00	0.00	0.00	0.00
butterworth's buckwheat	*Eriogonum butterworthianum*	FS	52.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.00	0.00
conejo buckwheat	*Eriogonum crocatum*	N/A	0.33	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	3.45	0.00	0.00	0.00	0.00

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southern mountain buckwheat	*Eriogonum kennedyi var. austromontanum*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.45	0.00	0.00	25.71	0.00
san diego button-celery	*Eryngium aristulatum var. parishii*	FE & SE	0.45	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
menzies' wallflower	*Erysimum menziesii*	FE & SE	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	56.13	0.00	0.00	0.00	18.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
monterey gilia	*Gilia tenuiflora ssp. arenaria*	FE & ST	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
orcutt's hazardia	*Hazardia orcuttii*	ST	0.00	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
gowen cypress	*Hesperocyparis goveniana*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
marin western flax	*Hesperolinon congestum*	FT & ST	49.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
santa cruz tarplant	*Holocarpha macradenia*	FT & SE	49.71	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	50.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
beach layia	*Layia carnosa*	FE & SE	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coast yellow leptosiphon	*Leptosiphon croceus*	SE	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san francisco lessingia	*Lessingia germanorum*	FE & SE	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
point reyes meadowfoam	*Limnanthes douglasii ssp. sulphurea*	SE	49.71	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
nipomo mesa lupine	*Lupinus nipomensis*	FE & SE	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tidestrom's lupine	*Lupinus tidestromii*	FE & SE	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
willowy monardella	*Monardella viminea*	FE & SE	0.00	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.17
spreading navarretia	*Navarretia fossalis*	FT	52.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California orcutt grass	*Orcuttia californica*	FE & SE	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
baja California birdbush	*Ornithostaphylos oppositifolia*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
dudley's lousewort	*Pedicularis dudleyi*	FS	55.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.00	0.07	0.00	0.00
white-rayed pentachaeta	*Pentachaeta bellidiflora*	FE & SE	49.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lyon's pentachaeta	*Pentachaeta lyonii*	FE & SE	0.78	0.00	0.00	0.00	1.59	0.00	0.00	0.00	0.00	4.05	0.00	0.00	0.00	0.00
yadon's rein orchid	*Piperia yadonii*	FE	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
san francisco popcornflower	*Plagiobothrys diffusus*	SE	49.71	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san diego mesa mint	*Pogogyne abramsii*	FE & SE	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa lucia mint	*Pogogyne clareana*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.00	0.00
otay mesa mint	*Pogogyne nudiuscula*	FE & SE	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hickman's cinquefoil	*Potentilla hickmanii*	FE & SE	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
adobe sanicle	*Sanicula maritima*	N/A	49.71	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
cuesta pass checkerbloom	*Sidalcea hickmanii ssp. anomala*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.00	0.00
parish's checkerbloom	*Sidalcea hickmanii ssp. parishii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.24	0.00	0.00	0.00	0.00
tiburon jewelflower	*Streptanthus glandulosus ssp. niger*	FE & SE	49.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa ynez false lupine	*Thermopsis macrophylla*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.45	0.00	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	49.71	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pacific grove clover	*Trifolium polyodon*	FS	49.71	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
big-leaved crownbeard	*Verbesina dissita*	FT & ST	0.00	0.00	0.00	0.00	1.49	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 5 – Hydrologic Units (HUC-8) with Potential Transportation Projects



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Caltrans District 5 – Watershed Impacts to Waters and Fish Species Summary Table

HUC-8 Name / Common Species Name	Scientific Species Name	Listing Status	Canal/Ditch	Coastline	Connector	Pipeline	Sea/Ocean	Stream/River	Swamp/Marsh	Wash
Central Coastal			0.00	0.07	0.00	0.08	0.06	4.07	0.00	0.00
Steelhead - South Central California Coast DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.08	0.05	1.08	0.00	0.00
Tidewater goby	*Eucyclogobius newberryi*	FE	0.00	0.00	0.00	0.00	0.05	0.08	0.00	0.00
Monterey Bay			0.05	0.00	0.02	0.00	0.00	2.32	0.18	0.00
Coho salmon - South of Punta Gorda	*Oncorhynchus kisutch*	FT & ST	0.05	0.00	0.02	0.00	0.00	2.29	0.18	0.00
Longfin smelt	*Spirinchus thaleichthys*	ST	0.05	0.00	0.02	0.00	0.00	2.29	0.18	0.00
Steelhead - Central California Coast DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00
Pajaro			0.00	0.00	0.00	0.00	0.00	0.57	0.00	0.00
Steelhead - South Central California Coast DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00
Salinas			0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00
Steelhead - South Central California Coast DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00
San Antonio			0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00
Unarmored threespine stickleback	*Gasterosteus aculeatus williamsoni*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00
San Francisco Coastal South			0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00
Coho salmon - South of Punta Gorda	*Oncorhynchus kisutch*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00
Longfin smelt	*Spirinchus thaleichthys*	ST	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00
Santa Barbara Coastal			0.00	0.16	0.00	0.00	0.18	2.09	0.00	0.00
Steelhead - Southern California DPS	*Oncorhynchus mykiss*	FE	0.00	0.15	0.00	0.00	0.18	1.27	0.00	0.00
Tidewater goby	*Eucyclogobius newberryi*	FE	0.00	0.15	0.00	0.00	0.18	0.03	0.00	0.00
Unarmored threespine stickleback	*Gasterosteus aculeatus williamsoni*	FE & SE	0.00	0.15	0.00	0.00	0.18	2.16	0.00	0.00
Santa Maria			0.26	0.00	0.00	0.00	0.00	1.39	0.00	1.37
Steelhead - Southern California DPS	*Oncorhynchus mykiss*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37
Tidewater goby	*Eucyclogobius newberryi*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37
Santa Ynez			0.00	0.00	0.00	0.00	0.00	0.74	0.00	0.27
Steelhead - Southern California DPS	*Oncorhynchus mykiss*	FE	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.27

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 5 – HUC-8 Watershed Impacts by Wetland Type Summary Table

HUC-8 Name	Depressional Perennial Unnatural Vegetated	Depressional Seasonal Natural Forested	Depressional Seasonal Natural Shrub-Scrub	Depressional Seasonal Unnatural Emergent	Estuarine and Marine Deepwater	Estuarine and Marine Wetland	Freshwater Emergent Wetland	Freshwater Forested/Shrub Wetland	Freshwater Pond	Riverine
Central Coastal	0.00	0.06	0.01	0.00	0.00	0.11	0.32	0.52	0.00	1.03
Monterey Bay	0.00	0.00	0.00	0.00	0.00	0.00	0.33	2.10	0.00	1.08
Pajaro	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.04	0.00	0.28
Salinas	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.56	0.00	0.47
San Antonio	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
San Francisco Coastal South	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
Santa Barbara Coastal	0.00	0.00	0.00	0.00	0.19	0.25	0.11	0.23	0.00	0.57
Santa Maria	0.00	0.00	0.00	0.05	0.00	0.00	0.15	1.05	0.00	2.05
Santa Ynez	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.11	0.00	0.68

Units are in acres

APPENDIX F

District 6

- **Table**: Caltrans District 6 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin
- **Map**: Caltrans District 6 – Ecoregion Sections with Potential Transportation Projects
- **Table**: Caltrans District 6 – Central Valley Coast Ranges Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 6 – Great Valley Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 6 – Sierra Nevada Foothills Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 6 – Sierra Nevada Ecoregion Section Impact by Species Summary Table
- **Map**: Caltrans District 6 – Hydrologic Units (HUC-8) with Potential Transportation Projects
- **Table**: Caltrans District 6 – Watershed Impacts to Waters and Fish Species Summary Table
- **Table**: Caltrans District 6 – HUC-8 Watershed Impacts by Wetland Type Summary Table

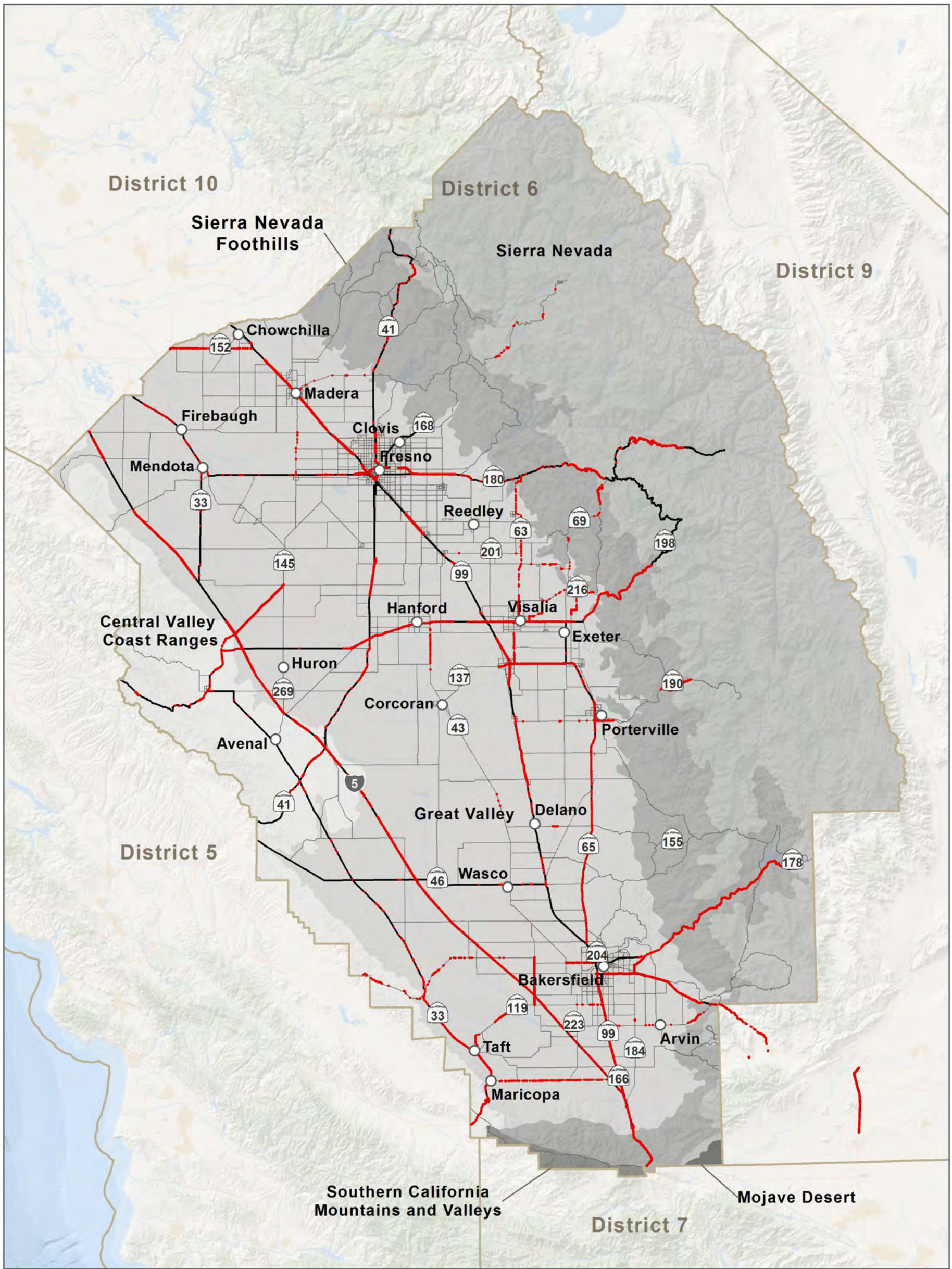
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Caltrans District 6 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
11323	Tulare	99	51.6	52.2	Roadside	2020/21	Great Valley	2.86	Tulare Lake Bed	1.12
									Upper Kaweah	1.74
13250	Madera	41	6.3	9.2	Pavement	2020/21	Great Valley	6.46	Middle San Joaquin-Lower Chowchilla	10.72
							Sierra Nevada Foothills	4.26		
13547	Tulare	99	19.4		Bridge	2019/20	Great Valley	1.23	Upper Tule	1.23
13704	Kern	5	R7.5	R9.0	Drainage	2019/20	Great Valley	0.35	Middle Kern-Upper Tehachapi-Grapevine	0.35
13707	Tulare	190	34.7	39.7	Drainage	2019/20	Sierra Nevada	0.14	Upper Tule	0.31
							Sierra Nevada Foothills	0.16		
13841	Tulare	99	22.3		Roadside	2020/21	Great Valley	0.49	Upper Tule	0.49
14185	Fresno	5	44.4	45.4	Bridge	2019/20	Great Valley	1.91	Upper Dry	1.91
15883	Fresno	99	R5.7	11.1	Pavement	2019/20	Great Valley	33.95	Upper Dry	33.95
15961	Kern	184	8.5	11.6	Pavement	2021/22	Great Valley	14.70	Middle Kern-Upper Tehachapi-Grapevine	14.70
16272	Tulare	245	1.4		Bridge	2020/21	Great Valley	2.56	Upper Kaweah	1.93
									Upper Tule	0.96
16273	Tulare	99			Bridge	2020/21	Great Valley	4.14	Upper Deer-Upper White	4.14
16476	Kings	41	30.6	33	Bridge	2021/22	Great Valley	9.94	Tulare Lake Bed	9.94
16536	Kern	166	17.3	17.7	Bridge	2021/22	Great Valley	1.93	Middle Kern-Upper Tehachapi-Grapevine	1.93
16910	Madera	99	9.7		Bridge	2019/20	Great Valley	0.88	Middle San Joaquin-Lower Chowchilla	0.88
17392	Madera	99	R7.0	R7.5	Bridge	2021/22	Great Valley	2.80	Middle San Joaquin-Lower Chowchilla	2.80
17405	Kern	184	L0.9	L1.1	Safety Improvements	2019/20	Great Valley	1.95	Middle Kern-Upper Tehachapi-Grapevine	1.95
17582	Fresno	41	R27.6	R28.3	Mobility - Operational Improvements	2021/22	Great Valley	3.39	Upper Dry	3.39
19310	Fresno	5	37.2	48.8	Pavement	2021/22	Great Valley	10.88	Upper Dry	10.90
19315	Fresno	99	21.2	24.4	Pavement	2023/24	Great Valley	29.23	Upper Dry	29.23
19319	Fresno	168	R8.3	45.8	Drainage	2024/25	Great Valley	0.61	Middle San Joaquin-Lower Chowchilla	1.42
							Sierra Nevada	5.27	Upper Dry	4.05
							Sierra Nevada Foothills	3.38	Upper King	0.59
									Upper San Joaquin	3.35
19322	Fresno	198			Drainage	2022/23	Central Valley Coast Ranges	5.40	Tulare Lake Bed	5.55
							Great Valley	0.42	Upper Dry	0.31
19330	Kern	5	0.73	1.08	Roadside	2025/26	Sierra Nevada Foothills	1.70	Middle Kern-Upper Tehachapi-Grapevine	1.70
19331	Kern	5	4.4	10.2	Pavement	2024/25	Great Valley	2.20	Middle Kern-Upper Tehachapi-Grapevine	7.15
							Sierra Nevada Foothills	4.27		
19332	Kern	5	10.2R	15.9R	Pavement	2023/24	Great Valley	1.01	Middle Kern-Upper Tehachapi-Grapevine	1.01
19335	Kern	33	21.8	39.8	Drainage	2023/24	Great Valley	1.29	Middle Kern-Upper Tehachapi-Grapevine	1.47
									Tulare Lake Bed	0.63
19336	Kern	33	14.4	17.9	Pavement	2025/26	Great Valley	1.79	Middle Kern-Upper Tehachapi-Grapevine	13.44
19337	Kern	33	40.4	59	Pavement	2022/23	Great Valley	0.52	Tulare Lake Bed	0.94
19339	Kern	58	6	15.4	Pavement	2020/21	Central Valley Coast Ranges	0.21	Tulare Lake Bed	0.40
							Great Valley	0.14		
19345	Kern	99	21.2	24.6	Pavement	2025/26	Great Valley	27.21	Middle Kern-Upper Tehachapi-Grapevine	27.21
19348	Kern	166	0.01	9	Pavement	2022/23	Great Valley	0.50	Middle Kern-Upper Tehachapi-Grapevine	1.38
19350	Kern	178	12.6	55.4	Drainage	2021/22	Great Valley	0.29	Middle Kern-Upper Tehachapi-Grapevine	2.79
							Sierra Nevada Foothills	3.12	South Fork Kern	0.70
19353	Kern	223	20.1	21.3	Pavement	2024/25	Great Valley	0.54	Middle Kern-Upper Tehachapi-Grapevine	0.54
19355	Kings	5	16.2	26.72	Pavement	2028/29	Central Valley Coast Ranges	0.67	Tulare Lake Bed	0.72
19356	Kings	41	0	15.5	Pavement	2024/25	Central Valley Coast Ranges	1.17	Tulare Lake Bed	1.17
19357	Kings	41	20	28.4	Pavement	2022/23	Great Valley	0.72	Tulare Lake Bed	0.77
19361	Madera	145	8	12	Pavement	2022/23	Great Valley	0.16	Middle San Joaquin-Lower Chowchilla	0.16
19363	Kings	43	0	3.2	Pavement	2019/20	Great Valley	0.24	Upper Kaweah	0.24

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
19367	Tulare	99	20.2	R53.939	Drainage	2023/24	Great Valley	6.19	Tulare Lake Bed	0.22
									Upper Kaweah	2.43
									Upper Tule	3.54
19369	Tulare	99	0	13.5	Pavement	2022/23	Great Valley	1.25	Upper Deer-Upper White	1.30
19370	Tulare	99	27.6	30.6	Pavement	2023/24	Great Valley	0.68	Upper Kaweah	0.68
19372	Tulare	198	0	44	Drainage	2022/23	Great Valley	4.99	Upper Kaweah	6.70
							Sierra Nevada Foothills	2.54	Upper Tule	1.71
19373	Tulare	216	0	R2.9	Pavement	2022/23	Great Valley	8.87	Upper Kaweah	8.87
19374	Tulare	245	0	33	Drainage	2024/25	Great Valley	1.31	Upper Kaweah	4.94
							Sierra Nevada Foothills	3.48	Upper Tule	0.53
19378	Fresno	33	R62	R62.4	Mobility - Operational Improvements	2025/26	Great Valley	3.40	Upper Dry	4.12
19448	Tulare	99	51	52	Bridge	2024/25	Great Valley	1.86	Upper Kaweah	1.86
19547	Tulare	190	32.2	52.8	Pavement	2027/28	Sierra Nevada	0.37	Upper Tule	1.02
							Sierra Nevada Foothills	0.56		
19574	Kern	46	33.5	46	Pavement	2025/26	Great Valley	0.08	Tulare Lake Bed	0.21
20927	Kern	43	25.2	25.4	Safety Improvements	2021/22	Great Valley	5.59	Upper Poso	5.59
21330	Kern	119	0.2	0.6	Safety Improvements	2021/22	Great Valley	1.44	Middle Kern-Upper Tehachapi-Grapevine	1.44
21454	Kings	41	16.6	16.9	Safety Improvements	2023/24	Central Valley Coast Ranges	1.72	Tulare Lake Bed	3.22
21604	Fresno	180	47.65	47.65	Safety Improvements	2023/24	Great Valley	1.13	Upper Dry	1.13
21748	Fresno	41	R1.8	R2.2	Safety Improvements	2022/23	Great Valley	3.89	Upper Dry	3.89
21749	Fresno	41	M5.7	R7.1	Safety Improvements	2022/23	Great Valley	17.90	Upper Dry	17.90
21768	Tulare	190	11.31	11.51	Safety Improvements	2023/24	Great Valley	1.99	Tulare Lake Bed	1.99
21915	Fresno	180	89.6	90.7	Safety Improvements	2023/24	Sierra Nevada Foothills	3.97	Tulare Lake Bed	3.97
21919	Kern	43	R15.83	R15.83	Safety Improvements	2023/24	Great Valley	0.93	Tulare Lake Bed	0.93
22143	Fresno	41	Various	Various	Drainage	2025/26	Central Valley Coast Ranges	0.49	Middle San Joaquin-Lower Chowchilla	2.02
							Great Valley	5.01	Tulare Lake Bed	2.59
							Sierra Nevada	4.95	Upper Dry	4.21
									Upper Kaweah	0.58
							Sierra Nevada Foothills	3.10	Upper King	2.68
									Upper San Joaquin	2.35
22144	Kern	58	Various	Various	Drainage	2027/28	Central Valley Coast Ranges	0.94	Carrizo Plain	0.15
									Cuyama	0.10
							Great Valley	3.68	Middle Kern-Upper Tehachapi-Grapevine	6.40
									South Fork Kern	0.40
							Sierra Nevada	0.76	Tulare Lake Bed	1.61
									Upper Deer-Upper White	0.89
							Sierra Nevada Foothills	5.80	Upper Kern	1.22
									Upper Poso	1.62
22146	Madera	41	Various	Various	Drainage	2028/29	Great Valley	0.77	Fresno River	4.45
							Sierra Nevada	2.05	Middle San Joaquin-Lower Chowchilla	1.33
							Sierra Nevada Foothills	3.32	Tulare Lake Bed	0.48
22147	Tulare	99	Various	Various	Drainage	2028/29	Great Valley	3.35	Fresno River	0.11
							Sierra Nevada	0.67	Upper Deer-Upper White	1.42
							Sierra Nevada Foothills	4.23	Upper Kaweah	4.60
									Upper Tule	3.47
22174	Fresno	198	4.34	4.34	Bridge	2028/29	Central Valley Coast Ranges	0.51	Tulare Lake Bed	0.51
							Great Valley	0.49	Upper Dry	0.49
							Sierra Nevada Foothills	0.98	Upper Poso	0.98
22180	Tulare	201	0	4.94	Safety Improvements	2022/23	Great Valley	17.88	Tulare Lake Bed	11.16
									Upper Kaweah	6.72

Caltrans District 6 – Ecoregion Sections with Potential Transportation Projects



PATH: \\SAC-SRV01\GIS\PROJECTS\CALTRANS\10235489_CALTRANS_TO4_SAMNA2020\7.2_WORKING\MAP_DOCS\PROCESSING\7_CALTRANSPROJECTS\D06\CALTRANS_ECOREGIONS_ANSIB_D6.MXD - USER: ROLDEN - DATE: 3/31/2021

Caltrans District 6 – Central Valley Coast Ranges Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grass	Annual Grassland	Barren	Blue Oak Woodland	Chamise - Redshank Chaparral	Coastal Scrub	Desert Riparian	Desert Scrub	Mixed Chaparral	Montane Hardwood	Urban
		Total:	0.09	6.91	0.04	0.66	1.28	0.07	0.92	0.13	0.21	0.19	0.37	0.24
Amphibians														
California tiger salamander	Ambystoma californiense	FE & FT & ST	0.00	6.61	0.00	0.00	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ensatina	Ensatina eschscholtzii	N/A	0.00	0.00	0.00	0.00	1.27	0.00	0.82	0.00	0.00	0.16	0.37	0.00
western spadefoot	Spea hammondii	FS	0.09	5.90	0.04	0.00	0.02	0.00	0.15	0.00	0.00	0.03	0.00	0.00
foothill yellow-legged frog	Rana boylii	FS	0.00	3.51	0.00	0.00	1.27	0.07	0.82	0.00	0.00	0.16	0.37	0.00
California red-legged frog	Rana draytonii	FT	0.00	6.87	0.00	0.00	1.27	0.00	0.92	0.00	0.00	0.16	0.37	0.00
Birds														
great blue heron	Ardea herodias	N/A	0.00	6.91	0.04	0.00	1.28	0.00	0.92	0.13	0.00	0.00	0.37	0.24
great egret	Ardea alba	N/A	0.00	4.32	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
greater white-fronted goose	Anser albifrons	N/A	0.00	4.32	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California condor	Gymnogyps Californianus	FE & SE	0.00	0.66	0.04	0.00	0.02	0.00	0.10	0.00	0.00	0.03	0.00	0.00
osprey	Pandion haliaetus	FS	0.00	3.37	0.00	0.00	1.27	0.00	0.00	0.13	0.00	0.16	0.37	0.00
white-tailed kite	Elanus leucurus	FS	0.09	6.91	0.04	0.66	1.28	0.07	0.92	0.00	0.21	0.19	0.00	0.24
bald eagle	Haliaeetus leucocephalus	FS & SE	0.00	6.91	0.04	0.66	1.28	0.07	0.92	0.13	0.00	0.19	0.37	0.00
northern harrier	Circus cyaneus	N/A	0.09	6.91	0.04	0.66	1.28	0.07	0.92	0.13	0.21	0.19	0.37	0.24
swainson's hawk	Buteo swainsoni	FS & ST	0.00	4.25	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24
golden eagle	Aquila chrysaetos	FS	0.09	6.91	0.04	0.66	1.28	0.07	0.92	0.13	0.21	0.19	0.37	0.24
peregrine falcon	Falco peregrinus	FS	0.00	6.91	0.04	0.66	1.28	0.07	0.92	0.13	0.00	0.19	0.37	0.24
California quail	Callipepla californica	N/A	0.09	6.91	0.04	0.00	1.28	0.07	0.92	0.13	0.21	0.19	0.37	0.24
sandhill crane	Grus canadensis	N/A	0.00	4.32	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lesser sandhill crane	Grus canadensis canadensis	N/A	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
snowy plover	Charadrius nivosus	FT	0.00	0.00	0.00	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mountain plover	Charadrius montanus	FS	0.00	5.64	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	Athene cunicularia	FS	0.00	6.91	0.04	0.66	1.27	0.07	0.92	0.13	0.21	0.16	0.00	0.24
long-eared owl	Asio otus	N/A	0.00	6.91	0.04	0.00	1.28	0.07	0.00	0.13	0.21	0.19	0.37	0.00
short-eared owl	Asio flammeus	N/A	0.09	4.51	0.04	0.00	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.24
cactus wren	Campylorhynchus brunneicapillus	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.21	0.00	0.00	0.00
bewick's wren	Thryomanes bewickii	N/A	0.00	0.00	0.00	0.00	1.28	0.07	0.92	0.13	0.00	0.19	0.37	0.24
loggerhead shrike	Lanius ludovicianus	N/A	0.09	6.91	0.04	0.66	1.28	0.07	0.92	0.13	0.21	0.19	0.37	0.24
hutton's vireo	Vireo huttoni	N/A	0.00	0.00	0.00	0.00	1.05	0.02	0.74	0.00	0.00	0.00	0.37	0.00
yellow warbler	Setophaga petechia	N/A	0.00	0.00	0.00	0.00	1.28	0.07	0.92	0.13	0.00	0.19	0.37	0.24
common yellowthroat	Geothlypis trichas	N/A	0.00	6.91	0.04	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00
spotted towhee	Pipilo maculatus	N/A	0.00	0.00	0.00	0.00	1.28	0.07	0.92	0.13	0.00	0.19	0.37	0.24
California towhee	Pipilo crissalis	N/A	0.00	0.00	0.00	0.00	1.27	0.07	0.84	0.00	0.00	0.00	0.37	0.00
rufous-cowned sparrow	Aimophila ruficeps	N/A	0.00	3.37	0.00	0.00	0.00	0.07	0.82	0.00	0.00	0.16	0.00	0.00
vesper sparrow	Pooecetes gramineus	N/A	0.00	6.91	0.04	0.00	1.28	0.00	0.00	0.00	0.00	0.19	0.00	0.00
oregon vesper sparrow	Pooecetes gramineus affinis	N/A	0.00	6.91	0.04	0.00	1.28	0.00	0.00	0.00	0.00	0.19	0.00	0.00
bell's sparrow	Artemisiospiza belli	N/A	0.09	0.00	0.00	0.00	0.00	0.07	0.92	0.00	0.21	0.19	0.00	0.00
savannah sparrow	Passerculus sandwichensis	N/A	0.09	6.91	0.04	0.00	1.28	0.07	0.92	0.13	0.21	0.19	0.00	0.00
grasshopper sparrow	Ammodramus savannarum	N/A	0.00	6.91	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	Melospiza melodia	N/A	0.00	6.91	0.04	0.00	1.28	0.07	0.92	0.13	0.00	0.19	0.37	0.24
red-winged blackbird	Agelaius phoeniceus	N/A	0.00	6.91	0.04	0.00	0.00	0.00	0.92	0.13	0.00	0.00	0.00	0.24
tricolored blackbird	Agelaius tricolor	FS & ST	0.00	6.91	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24
yellow-headed blackbird	Xanthocephalus xanthocephalus	N/A	0.00	4.32	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals														
ornate shrew	Sorex ornatus	N/A	0.00	6.91	0.04	0.00	1.28	0.00	0.92	0.00	0.00	0.19	0.00	0.00
broad-footed mole	Scapanus latimanus	N/A	0.00	6.91	0.04	0.00	1.28	0.00	0.92	0.00	0.00	0.00	0.37	0.00
yuma myotis	Myotis yumanensis	FS	0.09	6.91	0.04	0.00	1.28	0.07	0.92	0.13	0.21	0.19	0.37	0.24

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N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grass	Annual Grassland	Barren	Blue Oak Woodland	Chamise - Redshank Chaparral	Coastal Scrub	Desert Riparian	Desert Scrub	Mixed Chaparral	Montane Hardwood	Urban
long-eared myotis	Myotis evotis	FS	0.00	0.00	0.00	0.00	1.27	0.07	0.92	0.13	0.00	0.16	0.37	0.00
fringed myotis	Myotis thysanodes	FS	0.00	6.87	0.04	0.00	1.28	0.07	0.92	0.13	0.00	0.19	0.37	0.08
small-footed myotis	Myotis ciliolabrum	FS	0.04	4.03	0.04	0.00	1.28	0.07	0.92	0.08	0.21	0.19	0.37	0.00
western red bat	Lasiurus blossevillii	N/A	0.00	6.91	0.04	0.00	1.28	0.07	0.92	0.00	0.00	0.19	0.37	0.24
townsend's big-eared bat	Corynorhinus townsendii	FS	0.09	6.91	0.04	0.66	1.28	0.07	0.92	0.13	0.21	0.19	0.37	0.24
pallid bat	Antrozous pallidus	FS	0.09	6.91	0.04	0.66	1.28	0.07	0.92	0.13	0.21	0.19	0.37	0.24
western mastiff bat	Eumops perotis	FS	0.09	6.91	0.04	0.66	1.28	0.07	0.92	0.13	0.21	0.19	0.37	0.24
brush rabbit	Sylvilagus bachmani	N/A	0.09	6.87	0.04	0.00	1.28	0.07	0.92	0.00	0.00	0.19	0.37	0.00
black-tailed jackrabbit	Lepus californicus	N/A	0.09	6.91	0.04	0.00	1.28	0.07	0.92	0.13	0.21	0.19	0.37	0.24
nelson's antelope ground squirrel	Ammospermophilus nelsoni	FS & ST	0.09	5.90	0.04	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin pocket mouse	Perognathus inornatus	FS	0.00	6.91	0.04	0.66	1.28	0.00	0.00	0.00	0.00	0.19	0.00	0.00
California pocket mouse	Chaetodipus californicus	N/A	0.00	6.91	0.04	0.00	1.28	0.07	0.92	0.00	0.00	0.19	0.37	0.00
heermann's kangaroo rat	Dipodomys heermanni	N/A	0.09	6.91	0.04	0.00	1.28	0.00	0.92	0.00	0.00	0.19	0.37	0.00
giant kangaroo rat	Dipodomys ingens	FE & SE	0.09	5.90	0.04	0.66	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00
fresno kangaroo rat	Dipodomys nitratoides	FE & SE	0.09	5.90	0.04	0.66	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	Peromyscus maniculatus	N/A	0.09	6.91	0.04	0.66	1.28	0.07	0.92	0.13	0.21	0.19	0.37	0.24
southern grasshopper mouse	Onychomys torridus	N/A	0.09	6.64	0.04	0.00	0.00	0.00	0.29	0.13	0.21	0.19	0.00	0.00
desert woodrat	Neotoma lepida	N/A	0.09	0.00	0.00	0.00	0.00	0.07	0.92	0.13	0.21	0.19	0.37	0.00
dusky-footed woodrat	Neotoma fuscipes	N/A	0.00	0.00	0.00	0.00	1.28	0.07	0.92	0.00	0.00	0.19	0.37	0.00
California vole	Microtus californicus	N/A	0.09	6.91	0.04	0.00	1.28	0.00	0.92	0.00	0.00	0.19	0.37	0.24
kit fox	Vulpes macrotis	N/A	0.09	5.90	0.04	0.66	0.02	0.00	0.00	0.00	0.21	0.00	0.00	0.00
san joaquin kit fox	Vulpes macrotis mutica	FE & ST	0.09	5.90	0.04	0.66	0.02	0.00	0.00	0.00	0.21	0.00	0.00	0.00
ringtail	Bassariscus astutus	N/A	0.09	6.87	0.04	0.00	1.28	0.07	0.92	0.13	0.21	0.19	0.37	0.00
American badger	Taxidea taxus	N/A	0.09	6.91	0.04	0.66	1.28	0.07	0.92	0.13	0.21	0.19	0.37	0.00
western spotted skunk	Spilogale gracilis	N/A	0.09	6.91	0.04	0.00	1.28	0.07	0.92	0.13	0.00	0.19	0.37	0.24
mountain lion	Puma concolor	ST	0.00	6.87	0.04	0.00	1.28	0.07	0.92	0.13	0.21	0.19	0.37	0.00
Reptiles														
blunt-nosed leopard lizard	Gambelia sila	FE & SE	0.09	5.90	0.04	0.66	0.02	0.00	0.00	0.00	0.21	0.00	0.00	0.00
blainville's horned lizard	Phrynosoma blainvillii	FS	0.09	6.91	0.04	0.00	1.28	0.07	0.92	0.00	0.00	0.19	0.00	0.00
desert night lizard	Xantusia vigilis	FS	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00
western skink	Plestiodon skiltonianus	N/A	0.00	6.91	0.04	0.00	1.28	0.07	0.92	0.00	0.00	0.19	0.37	0.00
California legless lizard	Anniella pulchra	FS	0.00	0.00	0.00	0.00	1.28	0.07	0.92	0.00	0.21	0.19	0.00	0.00
ring-necked snake	Diadophis punctatus	N/A	0.00	6.91	0.04	0.00	1.28	0.07	0.92	0.00	0.21	0.19	0.37	0.08
coachwhip	Coluber flagellum	N/A	0.09	6.91	0.04	0.00	1.28	0.07	0.92	0.13	0.21	0.19	0.00	0.00
striped racer	Coluber lateralis	N/A	0.00	0.00	0.00	0.00	1.28	0.07	0.92	0.00	0.00	0.19	0.37	0.00
western patch-nosed snake	Salvadora hexalepis	N/A	0.00	0.26	0.04	0.00	0.00	0.00	0.10	0.00	0.21	0.03	0.00	0.00
gophersnake	Pituophis catenifer	N/A	0.09	6.91	0.04	0.00	1.28	0.07	0.92	0.13	0.21	0.19	0.37	0.24
common gartersnake	Thamnophis sirtalis	N/A	0.00	6.91	0.04	0.00	1.28	0.07	0.92	0.00	0.00	0.19	0.37	0.00
two-striped gartersnake	Thamnophis hammondii	FS	0.00	6.61	0.00	0.00	1.27	0.07	0.82	0.00	0.00	0.16	0.37	0.00
Invertebrates														
vernal pool fairy shrimp	Branchinecta lynchi	FT	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vernal pool tadpole shrimp	Lepidurus packardi	FE	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants														
dwarf goldenstar	Bloomeria humilis	FS	0.00	6.73	0.04	0.00	0.00	0.00	0.84	0.00	0.00	0.03	0.00	0.00
san benito evening-primrose	Camissonia benitensis	FT	0.00	6.73	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.37	0.00
succulent owl's-clover	Castilleja campestris var. succulenta	FT & SE	0.00	5.90	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California jewelflower	Caulanthus californicus	FE & SE	0.00	5.90	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
palmate-bracted bird's-beak	Chloropyron palmatum	FE & SE	0.00	5.90	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kern mallow	Eremalche parryi ssp. kernensis	FE	0.00	6.91	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grass	Annual Grassland	Barren	Blue Oak Woodland	Chamise - Redshank Chaparral	Coastal Scrub	Desert Riparian	Desert Scrub	Mixed Chaparral	Montane Hardwood	Urban
contra costa wallflower	Erysimum capitatum var. angustatum	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.00
hoover's spurge	Euphorbia hooveri	FT	0.00	5.90	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	Fritillaria roderickii	SE	0.00	6.73	0.04	0.00	0.00	0.00	0.84	0.00	0.00	0.00	0.00	0.00
boggs lake hedge-hyssop	Gratiola heterosepala	FS & SE	0.00	5.90	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin woollythreads	Monolopia congdonii	FE	0.00	5.90	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
colusa grass	Neostapfia colusana	FT & SE	0.00	5.90	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bakersfield cactus	Opuntia basilaris var. treleasei	FE & SE	0.00	5.90	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin valley orcutt grass	Orcuttia inaequalis	FT & SE	0.00	5.90	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hairy orcutt grass	Orcuttia pilosa	FE & SE	0.00	5.90	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin adobe sunburst	Pseudobahia peirsonii	FT & SE	0.00	5.90	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
greene's tuctoria	Tuctoria greenei	FE	0.00	5.90	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Caltrans District 6 – Great Valley Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grass	Annual Grassland	Barren	Coastal Scrub	Deciduous Orchard	Desert Scrub	Eucalyptus	Fresh Emergent Wetland	Irrigated Row and Field Crops	Pasture	Riverine	Urban	Valley Foothill Riparian
		Total:	0.08	9.60	8.80	1.72	1.30	45.56	0.04	0.07	0.03	51.89	1.21	1.35	137.59	0.72
Amphibians																
California tiger salamander	*Ambystoma californiense*	FE & FT & ST	0.00	7.68	1.31	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.34
California newt	*Taricha torosa*	N/A	0.00	0.24	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
yellow-blotched salamander	*Ensatina eschscholtzii croceator*	FS	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western spadefoot	*Spea hammondii*	FS	0.08	9.60	8.80	0.00	0.20	45.56	0.00	0.07	0.03	51.89	0.00	1.35	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.00	7.03	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.07
California red-legged frog	*Rana draytonii*	FT	0.00	6.65	1.06	0.00	0.14	0.00	0.00	0.07	0.00	0.00	0.00	0.24	0.00	0.07
Birds																
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.00	9.60	8.80	0.00	1.30	0.00	0.00	0.07	0.03	51.89	0.00	1.35	137.59	0.72
great egret	*Ardea alba*	N/A	0.00	9.60	8.80	0.00	0.00	0.00	0.00	0.07	0.03	51.89	0.00	1.35	137.59	0.72
fulvous whistling-duck	*Dendrocygna bicolor*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.29	0.00	0.19	0.00	0.00
greater white-fronted goose	*Anser albifrons*	N/A	0.00	9.60	8.80	0.00	0.00	0.00	0.00	0.00	0.03	51.89	0.00	1.35	0.00	0.00
redhead	*Aythya Americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.27	0.00	0.00
California condor	*Gymnogyps Californianus*	FE & SE	0.00	1.33	6.24	0.03	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.08	7.77	8.03	0.19	0.00	0.00	0.04	0.00	0.03	0.00	0.00	1.16	0.00	0.11
white-tailed kite	*Elanus leucurus*	FS	0.08	9.60	8.80	1.72	1.30	45.56	0.04	0.07	0.03	51.89	0.00	0.00	137.59	0.72
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.00	9.60	8.80	1.72	1.30	0.00	0.00	0.07	0.03	0.00	0.00	1.35	0.00	0.72
northern harrier	*Circus cyaneus*	N/A	0.08	9.60	8.80	1.72	1.30	45.56	0.04	0.07	0.03	0.00	0.00	1.35	137.59	0.72
swainson's hawk	*Buteo swainsoni*	FS & ST	0.00	9.60	8.29	0.50	0.00	0.00	0.04	0.07	0.00	0.00	1.21	0.00	134.07	0.72
golden eagle	*Aquila chrysaetos*	FS	0.08	9.60	8.80	1.72	1.30	0.00	0.04	0.07	0.03	0.00	1.21	0.00	137.59	0.72
peregrine falcon	*Falco peregrinus*	FS	0.00	9.60	8.80	1.72	1.30	0.00	0.00	0.07	0.03	0.00	0.00	1.35	137.59	0.72
California quail	*Callipepla californica*	N/A	0.08	9.60	8.80	0.00	1.30	45.56	0.04	0.07	0.00	0.00	0.00	0.00	137.59	0.72
sandhill crane	*Grus canadensis*	N/A	0.00	9.60	8.80	0.00	0.00	0.00	0.00	0.00	0.03	51.89	0.00	0.00	0.00	0.72
lesser sandhill crane	*Grus canadensis canadensis*	N/A	0.00	0.74	0.17	0.00	0.00	0.00	0.00	0.00	0.03	38.15	0.00	0.00	0.00	0.35
snowy plover	*Charadrius nivosus*	FT	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mountain plover	*Charadrius montanus*	FS	0.00	0.74	0.24	0.32	0.00	0.00	0.00	0.00	0.00	15.61	0.00	0.00	0.00	0.00
black tern	*Chlidonias niger*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.08	9.60	8.80	1.72	1.30	0.00	0.04	0.07	0.00	0.00	1.21	0.00	137.59	0.72
long-eared owl	*Asio otus*	N/A	0.00	7.03	2.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
short-eared owl	*Asio flammeus*	N/A	0.08	9.60	8.80	0.00	1.30	0.00	0.04	0.07	0.03	51.89	0.00	0.00	137.59	0.72
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.00	0.00	1.30	45.56	0.00	0.07	0.00	0.00	0.00	0.00	137.59	0.72
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.69
loggerhead shrike	*Lanius ludovicianus*	N/A	0.08	9.60	8.80	1.72	1.30	45.56	0.04	0.07	0.00	0.00	0.00	0.00	137.59	0.72
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.00	0.00	1.30	3.31	0.00	0.00	0.00	0.00	0.00	0.00	2.21	0.30
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.91	0.07
common yellowthroat	*Geothlypis trichas*	N/A	0.00	9.60	8.80	0.00	0.00	0.00	0.00	0.07	0.03	0.00	0.00	0.00	0.00	0.72
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.00	0.00	1.30	45.56	0.00	0.07	0.00	0.00	0.00	0.00	137.59	0.72
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.00	0.00	1.30	42.55	0.00	0.07	0.00	0.00	0.00	0.00	78.71	0.37
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.00	6.79	1.90	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
vesper sparrow	*Pooecetes gramineus*	N/A	0.00	8.25	2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grass	Annual Grassland	Barren	Coastal Scrub	Deciduous Orchard	Desert Scrub	Eucalyptus	Fresh Emergent Wetland	Irrigated Row and Field Crops	Pasture	Riverine	Urban	Valley Foothill Riparian
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	0.00	8.25	2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.08	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.08	9.60	8.80	0.00	1.30	45.56	0.04	0.07	0.00	0.00	1.21	0.00	0.00	0.72
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	9.21	2.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.00	9.60	8.80	0.00	1.30	45.56	0.00	0.07	0.03	0.00	0.00	1.35	137.59	0.72
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	9.60	8.80	0.00	1.30	45.56	0.00	0.07	0.03	51.89	0.00	0.00	137.59	0.72
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	9.60	8.80	0.00	0.00	45.56	0.00	0.07	0.03	51.89	0.00	0.00	137.59	0.72
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	9.60	8.80	0.00	0.00	0.00	0.00	0.00	0.03	0.00	1.21	0.00	0.00	0.00
Mammals																
ornate shrew	*Sorex ornatus*	N/A	0.00	9.60	8.80	0.00	1.30	0.00	0.00	0.07	0.03	0.00	0.00	0.00	0.00	0.72
broad-footed mole	*Scapanus latimanus*	N/A	0.00	7.03	2.07	0.00	0.14	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.07
yuma myotis	*Myotis yumanensis*	FS	0.08	9.60	8.80	0.00	1.30	45.56	0.04	0.07	0.03	51.89	1.21	1.35	137.59	0.72
long-eared myotis	*Myotis evotis*	FS	0.00	0.00	0.00	0.03	1.30	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.02
fringed myotis	*Myotis thysanodes*	FS	0.00	1.36	2.43	1.08	1.30	0.00	0.00	0.00	0.00	2.39	0.31	0.41	7.74	0.05
small-footed myotis	*Myotis ciliolabrum*	FS	0.00	1.41	3.14	0.03	1.30	1.14	0.04	0.00	0.00	4.79	0.00	0.41	1.80	0.11
western red bat	*Lasiurus blossevillii*	N/A	0.00	9.60	8.80	0.00	1.30	0.00	0.00	0.07	0.03	0.00	1.21	1.35	137.59	0.72
spotted bat	*Euderma maculatum*	FS	0.00	6.82	2.49	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.45	4.70	0.09
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.08	9.60	8.80	1.72	1.30	45.56	0.04	0.07	0.00	51.89	1.21	1.35	137.59	0.72
pallid bat	*Antrozous pallidus*	FS	0.08	9.60	8.80	1.72	1.30	45.56	0.04	0.07	0.00	51.89	1.21	1.35	137.59	0.72
western mastiff bat	*Eumops perotis*	FS	0.08	9.60	8.70	1.72	1.30	44.27	0.04	0.07	0.03	26.60	1.21	0.00	127.47	0.37
brush rabbit	*Sylvilagus bachmani*	N/A	0.00	7.03	2.07	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.07
black-tailed jackrabbit	*Lepus californicus*	N/A	0.08	9.60	8.80	0.00	1.30	45.56	0.04	0.07	0.00	51.89	1.21	0.00	137.59	0.72
nelson's antelope ground squirrel	*Ammospermophilus nelsoni*	FS & ST	0.08	1.83	1.31	1.72	0.00	0.00	0.00	0.00	0.00	0.00	1.21	0.00	0.00	0.00
san joaquin pocket mouse	*Perognathus inornatus*	FS	0.00	9.36	8.29	1.72	0.00	0.00	0.00	0.00	0.00	0.00	1.21	0.00	0.00	0.00
California pocket mouse	*Chaetodipus californicus*	N/A	0.00	7.03	2.07	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
heermann's kangaroo rat	*Dipodomys heermanni*	N/A	0.08	9.60	8.80	0.00	1.30	0.00	0.00	0.07	0.00	0.00	1.21	0.00	0.00	0.00
giant kangaroo rat	*Dipodomys ingens*	FE & SE	0.08	1.69	1.24	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
fresno kangaroo rat	*Dipodomys nitratoides*	FE & SE	0.08	3.16	2.03	1.72	0.00	0.00	0.00	0.07	0.00	0.00	1.21	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.08	9.60	8.80	1.72	1.30	45.56	0.04	0.07	0.03	51.89	1.21	0.00	137.59	0.72
southern grasshopper mouse	*Onychomys torridus*	N/A	0.08	2.32	8.80	0.00	1.30	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.72
desert woodrat	*Neotoma lepida*	N/A	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California vole	*Microtus californicus*	N/A	0.08	9.60	8.80	0.00	1.30	45.56	0.00	0.07	0.03	51.89	1.21	0.00	137.59	0.72
red fox	*Vulpes vulpes*	N/A	0.00	0.13	5.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.00
kit fox	*Vulpes macrotis*	N/A	0.08	8.43	7.82	1.72	0.00	0.00	0.04	0.00	0.00	0.00	1.21	0.00	0.00	0.21
san joaquin kit fox	*Vulpes macrotis mutica*	FE & ST	0.08	8.43	7.82	1.72	0.00	0.00	0.04	0.00	0.00	0.00	1.21	0.00	0.00	0.21
ringtail	*Bassariscus astutus*	N/A	0.00	4.41	7.49	0.68	1.30	0.00	0.04	0.00	0.00	6.82	0.31	0.00	0.00	0.30
American badger	*Taxidea taxus*	N/A	0.08	9.60	8.80	1.72	1.30	45.56	0.04	0.07	0.00	51.89	1.21	0.00	0.00	0.72
western spotted skunk	*Spilogale gracilis*	N/A	0.08	9.60	8.80	0.00	1.30	45.56	0.00	0.07	0.00	51.89	1.21	0.00	137.59	0.72
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00
mountain lion	*Puma concolor*	ST	0.00	7.54	2.07	0.00	0.14	0.00	0.00	0.00	0.00	0.00	1.21	0.00	0.00	0.07
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
Reptiles																
blunt-nosed leopard lizard	*Gambelia sila*	FE & SE	0.08	2.85	6.62	1.72	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.02

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Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grass	Annual Grassland	Barren	Coastal Scrub	Deciduous Orchard	Desert Scrub	Eucalyptus	Fresh Emergent Wetland	Irrigated Row and Field Crops	Pasture	Riverine	Urban	Valley Foothill Riparian
blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.08	9.60	8.80	0.00	1.30	0.00	0.00	0.07	0.00	51.89	0.00	0.00	0.00	0.72
desert night lizard	*Xantusia vigilis*	FS	0.00	0.88	5.67	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.00	0.24	0.17	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00
California legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.00	0.00	1.30	0.00	0.04	0.07	0.00	0.00	0.00	0.00	0.00	0.72
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
ring-necked snake	*Diadophis punctatus*	N/A	0.00	0.89	1.74	0.00	1.10	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.54	0.02
coachwhip	*Coluber flagellum*	N/A	0.08	3.16	7.32	0.00	1.30	0.00	0.04	0.07	0.00	0.00	1.21	0.00	0.00	0.63
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
western patch-nosed snake	*Salvadora hexalepis*	N/A	0.00	1.08	5.94	1.41	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
gophersnake	*Pituophis catenifer*	N/A	0.08	9.60	8.80	0.00	1.30	45.56	0.04	0.07	0.03	51.89	1.21	0.00	137.59	0.72
California mountain kingsnake	*Lampropeltis zonata*	N/A	0.00	6.66	1.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
common gartersnake	*Thamnophis sirtalis*	N/A	0.00	9.60	8.80	0.00	1.30	45.56	0.00	0.07	0.03	51.89	1.21	0.00	0.00	0.72
giant gartersnake	*Thamnophis gigas*	FT & ST	0.00	7.61	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.00
two-striped gartersnake	*Thamnophis hammondii*	FS	0.00	0.24	0.44	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Invertebrates																
vernal pool fairy shrimp	*Branchinecta lynchi*	FT	0.00	7.92	2.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
valley elderberry longhorn beetle	*Desmocerus californicus dimorphus*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
vernal pool tadpole shrimp	*Lepidurus packardi*	FE	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants																
braunton's milk-vetch	*Astragalus brauntonii*	FE	0.00	0.00	0.44	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
nevin's barberry	*Berberis nevinii*	FE & SE	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dwarf goldenstar	*Bloomeria humilis*	FS	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kaweah brodiaea	*Brodiaea insignis*	FS & SE	0.00	0.38	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
chinese camp brodiaea	*Brodiaea pallida*	FT & SE	0.00	0.09	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san benito evening-primrose	*Camissonia benitensis*	FT	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
succulent owl's-clover	*Castilleja campestris var. succulenta*	FT & SE	0.00	9.60	8.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California jewelflower	*Caulanthus californicus*	FE & SE	0.00	9.36	8.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
palmate-bracted bird's-beak	*Chloropyron palmatum*	FE & SE	0.00	9.36	8.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san fernando valley spineflower	*Chorizanthe parryi var. fernandina*	FS & SE	0.00	0.00	0.44	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
springville clarkia	*Clarkia springvillensis*	FT & SE	0.00	0.38	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa susana tarplant	*Deinandra minthornii*	FS	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender-horned spineflower	*Dodecahema leptoceras*	FE & SE	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa monica dudleya	*Dudleya cymosa ssp. ovatifolia*	FT	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
conejo dudleya	*Dudleya parva*	FT	0.00	0.00	0.44	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
verity's dudleya	*Dudleya verityi*	FS	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kern mallow	*Eremalche parryi ssp. kernensis*	FE	0.00	9.36	8.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lompoc yerba santa	*Eriodictyon capitatum*	FE	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
conejo buckwheat	*Eriogonum crocatum*	N/A	0.00	0.00	0.44	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
congdon's woolly sunflower	*Eriophyllum congdonii*	FS	0.00	0.09	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
contra costa wallflower	*Erysimum capitatum var. angustatum*	FE & SE	0.00	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hoover's spurge	*Euphorbia hooveri*	FT	0.00	9.36	8.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grass	Annual Grassland	Barren	Coastal Scrub	Deciduous Orchard	Desert Scrub	Eucalyptus	Fresh Emergent Wetland	Irrigated Row and Field Crops	Pasture	Riverine	Urban	Valley Foothill Riparian
roderick's fritillary	*Fritillaria roderickii*	SE	0.00	0.24	0.44	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
striped adobe-lily	*Fritillaria striata*	FS & ST	0.00	0.38	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.00	9.36	8.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
congdon's lewisia	*Lewisia congdonii*	FS	0.00	0.09	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin woollythreads	*Monolopia congdonii*	FE	0.00	9.36	8.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spreading navarretia	*Navarretia fossalis*	FT	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
colusa grass	*Neostapfia colusana*	FT & SE	0.00	9.36	8.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bakersfield cactus	*Opuntia basilaris var. treleasei*	FE & SE	0.00	9.36	8.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California orcutt grass	*Orcuttia californica*	FE & SE	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin valley orcutt grass	*Orcuttia inaequalis*	FT & SE	0.00	9.36	8.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hairy orcutt grass	*Orcuttia pilosa*	FE & SE	0.00	9.36	8.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lyon's pentachaeta	*Pentachaeta lyonii*	FE & SE	0.00	0.00	0.44	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hartweg's golden sunburst	*Pseudobahia bahiifolia*	FE & SE	0.00	0.09	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin adobe sunburst	*Pseudobahia peirsonii*	FT & SE	0.00	9.60	8.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
keck's checkerbloom	*Sidalcea keckii*	FE	0.00	0.46	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
greene's tuctoria	*Tuctoria greenei*	FE	0.00	9.36	8.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
red hills vervain	*Verbena californica*	FT & ST	0.00	0.09	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Caltrans District 6 – Sierra Nevada Foothills Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Lacustrine	Mixed Chaparral	Montane Hardwood
		Total:	21.23	5.52	5.40	0.28	0.36	0.64	1.05
Amphibians									
California tiger salamander	*Ambystoma californiense*	FE & FT & ST	12.25	0.00	2.24	0.09	0.00	0.00	0.00
California newt	*Taricha torosa*	N/A	5.73	0.00	2.04	0.19	0.36	0.49	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	5.40	0.28	0.00	0.64	1.05
yellow-blotched salamander	*Ensatina eschscholtzii croceator*	FS	0.00	0.00	0.54	0.19	0.00	0.55	0.21
kern canyon slender salamander	*Batrachoseps simatus*	FS & ST	0.00	0.00	0.00	0.15	0.00	0.37	0.10
tehachapi slender salamander	*Batrachoseps stebbinsi*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western spadefoot	*Spea hammondii*	FS	15.65	0.00	3.89	0.09	0.08	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	19.54	0.00	5.40	0.28	0.00	0.58	1.05
southern mountain yellow-legged frog	*Rana muscosa*	FE & FS & SE	0.00	0.00	0.00	0.00	0.08	0.00	0.25
relictual slender salamander	*Batrachoseps relictus*	FS	0.61	0.00	0.00	0.10	0.00	0.02	0.00
California red-legged frog	*Rana draytonii*	FT	15.50	0.00	3.35	0.09	0.00	0.16	0.60
Birds									
common loon	*Gavia immer*	N/A	0.00	0.00	0.00	0.00	0.36	0.00	0.00
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	1.29	0.00	0.00	0.29	0.00	0.00
great blue heron	*Ardea herodias*	N/A	21.23	0.00	5.40	0.28	0.36	0.00	1.05
great egret	*Ardea alba*	N/A	21.23	0.00	5.40	0.28	0.36	0.00	0.00
greater white-fronted goose	*Anser albifrons*	N/A	12.17	0.00	0.00	0.00	0.08	0.00	0.00
redhead	*Aythya Americana*	N/A	0.00	0.00	0.00	0.00	0.36	0.00	0.00
California condor	*Gymnogyps Californianus*	FE & SE	7.42	3.63	2.04	0.19	0.36	0.55	0.45
osprey	*Pandion haliaetus*	FS	19.54	5.30	5.40	0.28	0.36	0.58	1.05
white-tailed kite	*Elanus leucurus*	FS	21.23	5.52	5.40	0.28	0.00	0.64	0.00
bald eagle	*Haliaeetus leucocephalus*	FS & SE	21.23	5.52	5.40	0.28	0.36	0.64	1.05
northern harrier	*Circus cyaneus*	N/A	21.23	5.52	5.40	0.28	0.36	0.64	1.05
northern goshawk	*Accipiter gentilis*	FS	0.00	0.00	0.13	0.04	0.00	0.19	0.21
swainson's hawk	*Buteo swainsoni*	FS & ST	15.05	2.99	0.75	0.19	0.00	0.49	0.21
golden eagle	*Aquila chrysaetos*	FS	21.23	5.52	5.40	0.28	0.00	0.64	1.05
peregrine falcon	*Falco peregrinus*	FS	21.23	5.52	5.40	0.28	0.36	0.64	1.05
sooty grouse	*Dendragapus fuliginosus*	N/A	0.85	0.00	0.00	0.00	0.00	0.00	0.04
mount pinos sooty grouse	*Dendragapus obscurus howardi*	N/A	1.16	0.00	0.00	0.00	0.00	0.00	0.04
California quail	*Callipepla californica*	N/A	21.23	0.00	5.40	0.28	0.00	0.64	1.05
sandhill crane	*Grus canadensis*	N/A	12.17	0.00	0.00	0.00	0.08	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	21.23	5.52	5.40	0.28	0.00	0.64	0.00
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.19	0.00	0.00	0.96
California spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.00	0.00	0.19	0.00	0.00	0.96
long-eared owl	*Asio otus*	N/A	21.23	0.00	5.40	0.28	0.00	0.64	1.05
short-eared owl	*Asio flammeus*	N/A	21.23	0.00	5.40	0.28	0.00	0.64	0.00
black swift	*Cypseloides niger*	N/A	2.20	0.57	1.25	0.00	0.08	0.00	0.25
vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.04
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.04
willow flycatcher	*Empidonax traillii*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
purple martin	*Progne subis*	N/A	1.16	0.00	0.07	0.00	0.00	0.00	0.04
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	5.40	0.28	0.00	0.64	1.05
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	21.23	5.52	5.40	0.28	0.00	0.64	1.05
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	5.19	0.28	0.00	0.64	1.05
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	5.40	0.28	0.00	0.64	1.05
common yellowthroat	*Geothlypis trichas*	N/A	18.46	0.00	0.00	0.00	0.00	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	5.40	0.28	0.00	0.64	1.05
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	5.40	0.28	0.00	0.64	1.05

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Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Lacustrine	Mixed Chaparral	Montane Hardwood
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	21.23	0.00	0.00	0.28	0.00	0.64	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	21.23	0.00	5.40	0.28	0.00	0.64	0.00
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	21.23	0.00	5.40	0.28	0.00	0.64	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.00	0.00	0.36	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	21.23	0.00	5.40	0.28	0.00	0.64	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	20.17	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	21.23	0.00	5.40	0.28	0.36	0.64	1.05
red-winged blackbird	*Agelaius phoeniceus*	N/A	21.23	0.00	0.00	0.00	0.00	0.00	0.00
kern red-winged blackbird	*Agelaius phoeniceus aciculatus*	N/A	0.04	0.00	0.00	0.00	0.00	0.00	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	21.23	0.00	0.00	0.00	0.00	0.00	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	12.17	0.00	0.00	0.00	0.36	0.00	0.00
Mammals									
ornate shrew	*Sorex ornatus*	N/A	21.15	0.00	5.35	0.23	0.00	0.45	0.00
broad-footed mole	*Scapanus latimanus*	N/A	21.23	0.00	5.40	0.28	0.00	0.00	1.05
yuma myotis	*Myotis yumanensis*	FS	21.23	0.00	5.40	0.28	0.36	0.64	1.05
long-eared myotis	*Myotis evotis*	FS	0.00	2.66	0.00	0.09	0.29	0.43	0.19
fringed myotis	*Myotis thysanodes*	FS	21.23	5.52	5.34	0.28	0.36	0.64	1.05
small-footed myotis	*Myotis ciliolabrum*	FS	20.63	4.92	4.43	0.28	0.36	0.64	0.79
western red bat	*Lasiurus blossevillii*	N/A	20.57	0.00	5.40	0.23	0.36	0.37	0.96
spotted bat	*Euderma maculatum*	FS	20.96	0.00	5.40	0.28	0.00	0.00	0.00
townsend's big-eared bat	*Corynorhinus townsendii*	FS	21.23	5.52	5.40	0.28	0.00	0.64	1.05
pallid bat	*Antrozous pallidus*	FS	21.23	5.52	5.40	0.28	0.00	0.64	1.05
western mastiff bat	*Eumops perotis*	FS	21.23	5.52	5.40	0.28	0.00	0.64	1.05
brush rabbit	*Sylvilagus bachmani*	N/A	21.23	0.00	5.40	0.28	0.00	0.64	1.05
black-tailed jackrabbit	*Lepus californicus*	N/A	21.23	0.00	5.40	0.28	0.00	0.64	1.05
mountain beaver	*Aplodontia rufa*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.27
nelson's antelope ground squirrel	*Ammospermophilus nelsoni*	FS & ST	0.30	0.00	0.00	0.00	0.00	0.00	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.22
san joaquin pocket mouse	*Perognathus inornatus*	FS	16.29	3.04	0.99	0.00	0.00	0.43	0.00
white-eared pocket mouse	*Perognathus alticolus*	FS	0.00	0.00	0.00	0.00	0.00	0.06	0.00
California pocket mouse	*Chaetodipus californicus*	N/A	21.23	0.00	5.40	0.28	0.00	0.64	1.05
heermann's kangaroo rat	*Dipodomys heermanni*	N/A	18.41	0.00	5.40	0.16	0.00	0.24	0.96
fresno kangaroo rat	*Dipodomys nitratoides*	FE & SE	1.66	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	21.23	5.52	5.40	0.28	0.00	0.64	1.05
southern grasshopper mouse	*Onychomys torridus*	N/A	20.69	0.00	0.00	0.00	0.00	0.59	0.00
desert woodrat	*Neotoma lepida*	N/A	0.00	0.00	0.00	0.19	0.00	0.55	0.22
California vole	*Microtus californicus*	N/A	21.06	0.00	5.33	0.28	0.00	0.64	0.80
red fox	*Vulpes vulpes*	N/A	2.73	0.99	0.00	0.00	0.00	0.02	0.00
kit fox	*Vulpes macrotis*	N/A	12.44	0.99	0.06	0.00	0.00	0.00	0.00
san joaquin kit fox	*Vulpes macrotis mutica*	FE & ST	12.44	0.99	0.06	0.00	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	21.23	5.52	5.34	0.28	0.00	0.64	1.05
marten	*Martes caurina*	FS	0.00	0.65	0.00	0.00	0.00	0.00	0.00
fisher	*Pekania pennanti*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
wolverine	*Gulo gulo*	FS & ST	0.00	1.30	0.00	0.00	0.00	0.00	0.00
American badger	*Taxidea taxus*	N/A	21.23	5.52	5.40	0.28	0.00	0.64	1.05
western spotted skunk	*Spilogale gracilis*	N/A	21.23	0.00	5.40	0.28	0.00	0.64	1.05
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.08	0.00	0.00
mountain lion	*Puma concolor*	ST	21.23	0.00	5.40	0.28	0.00	0.64	1.05
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	5.40	0.28	0.00	0.64	1.05
Reptiles									
blunt-nosed leopard lizard	*Gambelia sila*	FE & SE	0.51	0.00	0.00	0.00	0.00	0.00	0.00
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.00	0.00	0.40	0.14
blainville's horned lizard	*Phrynosoma blainvillii*	FS	21.23	0.00	5.40	0.28	0.00	0.64	0.00
desert night lizard	*Xantusia vigilis*	FS	5.07	0.00	0.54	0.19	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	1.90	0.00	1.04	0.00	0.00	0.00	0.26

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Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Lacustrine	Mixed Chaparral	Montane Hardwood
California legless lizard	*Anniella pulchra*	FS	0.00	0.00	2.04	0.19	0.00	0.55	0.00
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	1.05
ring-necked snake	*Diadophis punctatus*	N/A	19.80	0.00	5.08	0.11	0.00	0.18	0.63
coachwhip	*Coluber flagellum*	N/A	5.49	0.00	0.00	0.15	0.00	0.43	0.00
striped racer	*Coluber lateralis*	N/A	0.00	0.00	5.40	0.28	0.00	0.64	1.05
western patch-nosed snake	*Salvadora hexalepis*	N/A	1.99	0.22	0.00	0.00	0.00	0.06	0.00
gophersnake	*Pituophis catenifer*	N/A	21.23	0.00	5.40	0.28	0.00	0.64	1.05
California mountain kingsnake	*Lampropeltis zonata*	N/A	17.16	0.00	4.85	0.09	0.00	0.10	0.87
common gartersnake	*Thamnophis sirtalis*	N/A	21.23	0.00	5.40	0.28	0.36	0.64	1.05
giant gartersnake	*Thamnophis gigas*	FT & ST	5.00	0.00	0.00	0.00	0.00	0.00	0.00
two-striped gartersnake	*Thamnophis hammondii*	FS	1.69	0.00	0.00	0.00	0.00	0.06	0.00
Invertebrates									
vernal pool fairy shrimp	*Branchinecta lynchi*	FT	11.68	0.00	0.00	0.00	0.00	0.00	0.00
valley elderberry longhorn beetle	*Desmocerus californicus dimorphus*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vernal pool tadpole shrimp	*Lepidurus packardi*	FE	10.72	0.00	0.00	0.00	0.00	0.00	0.00
Plants									
braunton's milk-vetch	*Astragalus brauntonii*	FE	1.69	0.00	0.00	0.00	0.00	0.06	0.00
nevin's barberry	*Berberis nevinii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.06	0.00
kaweah brodiaea	*Brodiaea insignis*	FS & SE	13.67	0.00	0.00	0.00	0.00	0.00	0.80
chinese camp brodiaea	*Brodiaea pallida*	FT & SE	7.12	0.00	0.00	0.00	0.00	0.00	0.00
tree-anemone	*Carpenteria californica*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.46	0.80
succulent owl's-clover	*Castilleja campestris var. succulenta*	FT & SE	19.61	0.00	0.00	0.00	0.00	0.00	0.00
California jewelflower	*Caulanthus californicus*	FE & SE	13.35	0.00	0.00	0.00	0.00	0.00	0.00
palmate-bracted bird's-beak	*Chloropyron palmatum*	FE & SE	13.09	0.00	0.00	0.00	0.00	0.00	0.00
san fernando valley spineflower	*Chorizanthe parryi var. fernandina*	FS & SE	1.69	0.00	0.00	0.00	0.00	0.00	0.00
springville clarkia	*Clarkia springvillensis*	FT & SE	13.67	0.00	0.00	0.00	0.00	0.46	0.80
santa susana tarplant	*Deinandra minthornii*	FS	0.00	0.00	0.00	0.00	0.00	0.06	0.00
mojave tarplant	*Deinandra mohavensis*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.18	0.00
slender-horned spineflower	*Dodecahema leptoceras*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.06	0.00
marcescent dudleya	*Dudleya cymosa ssp. agourensis*	FT	0.00	0.00	0.00	0.00	0.00	0.06	0.00
marcescent dudleya	*Dudleya cymosa ssp. agourensis*	FT	0.00	0.00	0.00	0.00	0.00	0.06	0.00
santa monica dudleya	*Dudleya cymosa ssp. ovatifolia*	FT	0.00	0.00	0.00	0.00	0.00	0.06	0.00
conejo dudleya	*Dudleya parva*	FT	1.69	0.00	0.00	0.00	0.00	0.00	0.00
verity's dudleya	*Dudleya verityi*	FS	0.00	0.00	0.00	0.00	0.00	0.06	0.00
kern mallow	*Eremalche parryi ssp. kernensis*	FE	13.09	0.00	0.00	0.00	0.00	0.00	0.00
lompoc yerba santa	*Eriodictyon capitatum*	FE	0.00	0.00	0.00	0.00	0.00	0.06	0.00
conejo buckwheat	*Eriogonum crocatum*	N/A	1.69	0.00	0.00	0.00	0.00	0.06	0.00
southern mountain buckwheat	*Eriogonum kennedyi var. austromontanum*	FT	0.00	0.00	0.00	0.00	0.00	0.06	0.00
twisselmann's buckwheat	*Eriogonum twisselmannii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
congdon's woolly sunflower	*Eriophyllum congdonii*	FS	7.12	0.00	0.00	0.00	0.00	0.00	0.00
hoover's spurge	*Euphorbia hooveri*	FT	13.09	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	1.69	0.00	0.00	0.00	0.00	0.00	0.00
striped adobe-lily	*Fritillaria striata*	FS & ST	13.67	0.00	0.00	0.00	0.00	0.00	0.80
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	15.23	0.00	0.00	0.00	0.00	0.00	0.00
congdon's lewisia	*Lewisia congdonii*	FS	9.42	0.00	0.00	0.00	0.00	0.18	0.25
father crowley's lupine	*Lupinus padre-crowleyi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin woollythreads	*Monolopia congdonii*	FE	13.09	0.00	0.00	0.00	0.00	0.00	0.00
spreading navarretia	*Navarretia fossalis*	FT	1.69	0.00	0.00	0.00	0.00	0.00	0.00
twisselmann's nemacladus	*Nemacladus twisselmannii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
colusa grass	*Neostapfia colusana*	FT & SE	13.09	0.00	0.00	0.00	0.00	0.00	0.00
bakersfield cactus	*Opuntia basilaris var. treleasei*	FE & SE	13.09	0.00	0.00	0.00	0.00	0.00	0.00
California orcutt grass	*Orcuttia californica*	FE & SE	1.69	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin valley orcutt grass	*Orcuttia inaequalis*	FT & SE	15.23	0.00	0.00	0.00	0.00	0.00	0.00
hairy orcutt grass	*Orcuttia pilosa*	FE & SE	13.09	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Lacustrine	Mixed Chaparral	Montane Hardwood
lyon's pentachaeta	*Pentachaeta lyonii*	FE & SE	1.69	0.00	0.00	0.00	0.00	0.06	0.00
hartweg's golden sunburst	*Pseudobahia bahiifolia*	FE & SE	7.12	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin adobe sunburst	*Pseudobahia peirsonii*	FT & SE	19.61	0.00	0.00	0.00	0.00	0.00	0.00
parish's checkerbloom	*Sidalcea hickmanii ssp. parishii*	FS	0.00	0.00	0.00	0.00	0.00	0.06	0.00
keck's checkerbloom	*Sidalcea keckii*	FE	19.40	0.00	0.00	0.00	0.00	0.00	0.80
santa ynez false lupine	*Thermopsis macrophylla*	FS	0.00	0.00	0.00	0.00	0.00	0.06	0.00
greene's tuctoria	*Tuctoria greenei*	FE	13.09	0.00	0.00	0.00	0.00	0.00	0.00
red hills vervain	*Verbena californica*	FT & ST	7.12	0.00	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Montane Hardwood-Conifer	Ponderosa Pine	Riverine	Sagebrush	Urban	Valley Foothill Riparian	Valley Oak Woodland	Wet Meadow
		Total:	0.01	0.02	0.04	0.35	5.96	0.63	3.33	0.06
Amphibians										
California tiger salamander	*Ambystoma californiense*	FE & FT & ST	0.00	0.00	0.00	0.00	0.00	0.05	0.56	0.00
California newt	*Taricha torosa*	N/A	0.00	0.00	0.04	0.00	0.00	0.29	0.75	0.06
ensatina	*Ensatina eschscholtzii*	N/A	0.01	0.02	0.00	0.00	0.00	0.63	3.33	0.06
yellow-blotched salamander	*Ensatina eschscholtzii croceator*	FS	0.00	0.00	0.00	0.00	0.00	0.41	0.50	0.04
kern canyon slender salamander	*Batrachoseps simatus*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.01	0.35	0.00
tehachapi slender salamander	*Batrachoseps stebbinsi*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.29	0.05	0.00
western spadefoot	*Spea hammondii*	FS	0.00	0.00	0.04	0.00	0.00	0.00	1.08	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.01	0.02	0.04	0.00	0.00	0.34	3.28	0.06
southern mountain yellow-legged frog	*Rana muscosa*	FE & FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
relictual slender salamander	*Batrachoseps relictus*	FS	0.00	0.00	0.04	0.00	0.00	0.01	0.35	0.00
California red-legged frog	*Rana draytonii*	FT	0.01	0.02	0.00	0.00	0.00	0.35	2.59	0.00
Birds										
common loon	*Gavia immer*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.01	0.02	0.04	0.00	5.96	0.63	3.33	0.06
great egret	*Ardea alba*	N/A	0.01	0.00	0.04	0.00	5.96	0.63	3.33	0.06
greater white-fronted goose	*Anser albifrons*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
redhead	*Aythya Americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California condor	*Gymnogyps Californianus*	FE & SE	0.00	0.00	0.04	0.35	0.00	0.00	0.80	0.00
osprey	*Pandion haliaetus*	FS	0.01	0.02	0.04	0.00	0.00	0.34	3.28	0.06
white-tailed kite	*Elanus leucurus*	FS	0.00	0.00	0.00	0.00	5.96	0.63	3.33	0.06
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.01	0.02	0.04	0.35	0.00	0.63	3.33	0.06
northern harrier	*Circus cyaneus*	N/A	0.01	0.02	0.04	0.35	5.96	0.63	3.33	0.06
northern goshawk	*Accipiter gentilis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	1.30	0.00
swainson's hawk	*Buteo swainsoni*	FS & ST	0.00	0.00	0.00	0.00	0.14	0.12	0.45	0.04
golden eagle	*Aquila chrysaetos*	FS	0.01	0.02	0.00	0.35	5.96	0.63	3.33	0.06
peregrine falcon	*Falco peregrinus*	FS	0.01	0.02	0.04	0.35	5.96	0.63	3.33	0.06
sooty grouse	*Dendragapus fuliginosus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mount pinos sooty grouse	*Dendragapus obscurus howardi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California quail	*Callipepla californica*	N/A	0.01	0.02	0.00	0.35	5.96	0.63	3.33	0.06
sandhill crane	*Grus canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.00	0.02	0.00	0.35	5.96	0.63	3.33	0.06
spotted owl	*Strix occidentalis*	N/A	0.01	0.02	0.00	0.00	0.00	0.37	0.00	0.00
California spotted owl	*Strix occidentalis occidentalis*	FS	0.01	0.02	0.00	0.00	0.00	0.37	0.00	0.00
long-eared owl	*Asio otus*	N/A	0.01	0.02	0.00	0.35	0.00	0.63	3.33	0.06
short-eared owl	*Asio flammeus*	N/A	0.01	0.02	0.00	0.35	5.96	0.63	3.33	0.06
black swift	*Cypseloides niger*	N/A	0.00	0.00	0.00	0.00	0.12	0.17	0.30	0.02
vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
willow flycatcher	*Empidonax traillii*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
purple martin	*Progne subis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.01	0.02	0.00	0.00	5.96	0.63	3.33	0.00
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.02
loggerhead shrike	*Lanius ludovicianus*	N/A	0.01	0.02	0.00	0.35	5.96	0.63	3.33	0.06
hutton's vireo	*Vireo huttoni*	N/A	0.01	0.02	0.00	0.00	5.96	0.63	3.33	0.00
yellow warbler	*Setophaga petechia*	N/A	0.01	0.02	0.00	0.00	5.96	0.63	3.33	0.00
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.04
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.01	0.02	0.00	0.35	5.96	0.63	3.33	0.00
California towhee	*Pipilo crissalis*	N/A	0.01	0.02	0.00	0.00	5.93	0.63	3.33	0.00
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.00	0.00	0.00	0.35	0.00	0.63	0.00	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	0.00	0.00	0.00	0.35	0.00	0.00	3.33	0.00

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Common Name	Species Name	Status	Montane Hardwood-Conifer	Ponderosa Pine	Riverine	Sagebrush	Urban	Valley Foothill Riparian	Valley Oak Woodland	Wet Meadow
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	0.00	0.00	0.00	0.35	0.00	0.00	3.33	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.00	0.00	0.00	0.35	0.00	0.63	3.33	0.06
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
song sparrow	*Melospiza melodia*	N/A	0.01	0.02	0.04	0.00	5.96	0.63	3.33	0.06
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.00	0.00	0.00	5.96	0.63	0.00	0.06
kern red-winged blackbird	*Agelaius phoeniceus aciculatus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.00	0.00	0.00	5.96	0.63	0.00	0.06
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals										
ornate shrew	*Sorex ornatus*	N/A	0.01	0.02	0.00	0.00	0.00	0.63	3.23	0.06
broad-footed mole	*Scapanus latimanus*	N/A	0.01	0.02	0.00	0.00	0.00	0.63	3.33	0.06
yuma myotis	*Myotis yumanensis*	FS	0.01	0.02	0.04	0.35	5.96	0.63	3.33	0.06
long-eared myotis	*Myotis evotis*	FS	0.00	0.00	0.04	0.35	0.00	0.29	0.13	0.04
fringed myotis	*Myotis thysanodes*	FS	0.01	0.02	0.04	0.35	5.96	0.63	3.33	0.00
small-footed myotis	*Myotis ciliolabrum*	FS	0.01	0.02	0.04	0.35	5.96	0.47	3.04	0.04
western red bat	*Lasiurus blossevillii*	N/A	0.01	0.02	0.04	0.00	5.96	0.63	3.33	0.06
spotted bat	*Euderma maculatum*	FS	0.01	0.02	0.04	0.23	3.62	0.34	3.28	0.06
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.01	0.02	0.04	0.35	5.96	0.63	3.33	0.06
pallid bat	*Antrozous pallidus*	FS	0.01	0.02	0.04	0.35	5.96	0.63	3.33	0.06
western mastiff bat	*Eumops perotis*	FS	0.01	0.02	0.00	0.00	5.96	0.63	3.33	0.06
brush rabbit	*Sylvilagus bachmani*	N/A	0.01	0.02	0.00	0.00	5.96	0.63	3.33	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	0.01	0.02	0.00	0.35	5.96	0.63	3.33	0.06
mountain beaver	*Aplodontia rufa*	N/A	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
nelson's antelope ground squirrel	*Ammospermophilus nelsoni*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00
san joaquin pocket mouse	*Perognathus inornatus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.00
white-eared pocket mouse	*Perognathus alticolus*	FS	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00
California pocket mouse	*Chaetodipus californicus*	N/A	0.00	0.00	0.00	0.35	0.00	0.00	3.33	0.00
heermann's kangaroo rat	*Dipodomys heermanni*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	3.28	0.02
fresno kangaroo rat	*Dipodomys nitratoides*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.01	0.02	0.00	0.35	5.96	0.63	3.33	0.06
southern grasshopper mouse	*Onychomys torridus*	N/A	0.00	0.00	0.00	0.35	0.00	0.55	0.00	0.00
desert woodrat	*Neotoma lepida*	N/A	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00
California vole	*Microtus californicus*	N/A	0.01	0.00	0.00	0.35	5.96	0.61	3.23	0.06
red fox	*Vulpes vulpes*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kit fox	*Vulpes macrotis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
san joaquin kit fox	*Vulpes macrotis mutica*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
ringtail	*Bassariscus astutus*	N/A	0.01	0.02	0.00	0.35	0.00	0.63	3.33	0.06
marten	*Martes caurina*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
fisher	*Pekania pennanti*	FS & ST	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00
wolverine	*Gulo gulo*	FS & ST	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02
American badger	*Taxidea taxus*	N/A	0.01	0.02	0.00	0.35	0.00	0.63	3.33	0.06
western spotted skunk	*Spilogale gracilis*	N/A	0.01	0.02	0.00	0.35	5.96	0.63	3.33	0.06
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mountain lion	*Puma concolor*	ST	0.01	0.02	0.00	0.35	0.00	0.63	3.33	0.06
big-eared woodrat	*Neotoma macrotis*	N/A	0.01	0.02	0.00	0.35	0.00	0.63	3.33	0.06
Reptiles										
blunt-nosed leopard lizard	*Gambelia sila*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00
blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.01	0.02	0.00	0.00	0.00	0.63	3.33	0.00
desert night lizard	*Xantusia vigilis*	FS	0.00	0.00	0.00	0.35	0.00	0.00	0.50	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.00	0.00	0.00	0.00	0.00	0.07	0.27	0.00
California legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.00	0.00	0.00	0.58	0.96	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Montane Hardwood-Conifer	Ponderosa Pine	Riverine	Sagebrush	Urban	Valley Foothill Riparian	Valley Oak Woodland	Wet Meadow
northern rubber boa	*Charina bottae*	N/A	0.01	0.02	0.00	0.00	0.00	0.63	0.00	0.06
ring-necked snake	*Diadophis punctatus*	N/A	0.01	0.02	0.00	0.00	5.96	0.62	3.09	0.00
coachwhip	*Coluber flagellum*	N/A	0.00	0.00	0.00	0.35	0.00	0.30	0.40	0.00
striped racer	*Coluber lateralis*	N/A	0.01	0.02	0.00	0.00	0.00	0.63	3.33	0.06
western patch-nosed snake	*Salvadora hexalepis*	N/A	0.00	0.00	0.00	0.35	0.00	0.29	0.05	0.00
gophersnake	*Pituophis catenifer*	N/A	0.01	0.02	0.00	0.35	5.96	0.63	3.33	0.06
California mountain kingsnake	*Lampropeltis zonata*	N/A	0.01	0.02	0.00	0.00	0.00	0.22	2.83	0.02
common gartersnake	*Thamnophis sirtalis*	N/A	0.01	0.02	0.00	0.35	0.00	0.63	3.33	0.06
giant gartersnake	*Thamnophis gigas*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
two-striped gartersnake	*Thamnophis hammondii*	FS	0.00	0.00	0.00	0.00	0.00	0.29	0.05	0.00
Invertebrates										
vernal pool fairy shrimp	*Branchinecta lynchi*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
valley elderberry longhorn beetle	*Desmocerus californicus dimorphus*	FT	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00
vernal pool tadpole shrimp	*Lepidurus packardi*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants										
braunton's milk-vetch	*Astragalus brauntonii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
nevin's barberry	*Berberis nevinii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kaweah brodiaea	*Brodiaea insignis*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
chinese camp brodiaea	*Brodiaea pallida*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tree-anemone	*Carpenteria californica*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
succulent owl's-clover	*Castilleja campestris var. succulenta*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California jewelflower	*Caulanthus californicus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
palmate-bracted bird's-beak	*Chloropyron palmatum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san fernando valley spineflower	*Chorizanthe parryi var. fernandina*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
springville clarkia	*Clarkia springvillensis*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa susana tarplant	*Deinandra minthornii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mojave tarplant	*Deinandra mohavensis*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender-horned spineflower	*Dodecahema leptoceras*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marcescent dudleya	*Dudleya cymosa ssp. agourensis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marcescent dudleya	*Dudleya cymosa ssp. agourensis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa monica dudleya	*Dudleya cymosa ssp. ovatifolia*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
conejo dudleya	*Dudleya parva*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
verity's dudleya	*Dudleya verityi*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kern mallow	*Eremalche parryi ssp. kernensis*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lompoc yerba santa	*Eriodictyon capitatum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
conejo buckwheat	*Eriogonum crocatum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
southern mountain buckwheat	*Eriogonum kennedyi var. austromontanum*	FT	0.00	0.00	0.00	0.00	4.58	0.00	0.00	0.00
twisselmann's buckwheat	*Eriogonum twisselmannii*	FS	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
congdon's woolly sunflower	*Eriophyllum congdonii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hoover's spurge	*Euphorbia hooveri*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
striped adobe-lily	*Fritillaria striata*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
congdon's lewisia	*Lewisia congdonii*	FS	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
father crowley's lupine	*Lupinus padre-crowleyi*	N/A	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin woollythreads	*Monolopia congdonii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spreading navarretia	*Navarretia fossalis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
twisselmann's nemacladus	*Nemacladus twisselmannii*	FS	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
colusa grass	*Neostapfia colusana*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bakersfield cactus	*Opuntia basilaris var. treleasei*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California orcutt grass	*Orcuttia californica*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin valley orcutt grass	*Orcuttia inaequalis*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hairy orcutt grass	*Orcuttia pilosa*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Montane Hardwood-Conifer	Ponderosa Pine	Riverine	Sagebrush	Urban	Valley Foothill Riparian	Valley Oak Woodland	Wet Meadow
lyon's pentachaeta	*Pentachaeta lyonii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hartweg's golden sunburst	*Pseudobahia bahiifolia*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin adobe sunburst	*Pseudobahia peirsonii*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
parish's checkerbloom	*Sidalcea hickmanii ssp. parishii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
keck's checkerbloom	*Sidalcea keckii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa ynez false lupine	*Thermopsis macrophylla*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
greene's tuctoria	*Tuctoria greenei*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
red hills vervain	*Verbena californica*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Caltrans District 6 – Sierra Nevada Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise - Redshank Chaparral	Lacustrine	Mixed Chaparral	Montane Chaparral	Montane Hardwood
		Total:	0.25	5.58	0.09	0.16	0.52	0.02	1.26	0.27	2.59
Amphibians											
California newt	*Taricha torosa*	N/A	0.16	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.09	0.16	0.00	0.00	1.26	0.27	2.59
yellow-blotched salamander	*Ensatina eschscholtzii croceator*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.09
mount lyell salamander	*Hydromantes platycephalus*	N/A	0.00	1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yosemite toad	*Anaxyrus canorus*	FT & FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.25	0.00	0.09	0.16	0.52	0.00	1.20	0.27	2.52
southern mountain yellow-legged frog	*Rana muscosa*	FE & FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37
sierra nevada yellow-legged frog	*Rana sierrae*	FE & FS & ST	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
California red-legged frog	*Rana draytonii*	FT	0.09	0.00	0.09	0.16	0.00	0.02	1.19	0.00	2.21
Birds											
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.25	0.00	0.09	0.16	0.00	0.02	0.00	0.00	2.55
great egret	*Ardea alba*	N/A	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California condor	*Gymnogyps Californianus*	FE & SE	0.16	0.89	0.00	0.00	0.03	0.00	0.07	0.00	0.38
osprey	*Pandion haliaetus*	FS	0.25	5.58	0.09	0.16	0.00	0.02	1.26	0.27	2.59
white-tailed kite	*Elanus leucurus*	FS	0.02	0.77	0.00	0.00	0.00	0.00	0.07	0.00	0.00
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.25	5.58	0.09	0.16	0.52	0.02	1.26	0.27	2.59
northern harrier	*Circus cyaneus*	N/A	0.02	0.86	0.00	0.00	0.00	0.00	0.07	0.00	0.03
northern goshawk	*Accipiter gentilis*	FS	0.00	0.00	0.00	0.16	0.52	0.00	1.22	0.27	2.52
swainson's hawk	*Buteo swainsoni*	FS & ST	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00
golden eagle	*Aquila chrysaetos*	FS	0.25	5.58	0.09	0.16	0.52	0.00	1.26	0.27	2.59
peregrine falcon	*Falco peregrinus*	FS	0.25	5.58	0.09	0.16	0.52	0.02	1.26	0.27	2.59
sooty grouse	*Dendragapus fuliginosus*	N/A	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.59
mount pinos sooty grouse	*Dendragapus obscurus howardi*	N/A	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85
California quail	*Callipepla californica*	N/A	0.25	0.00	0.09	0.16	0.52	0.00	1.26	0.27	2.57
burrowing owl	*Athene cunicularia*	FS	0.02	0.77	0.00	0.00	0.00	0.00	0.07	0.00	0.00
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	2.57
California spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	2.57
great gray owl	*Strix nebulosa*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
long-eared owl	*Asio otus*	N/A	0.25	0.00	0.09	0.16	0.52	0.00	1.26	0.27	2.59
short-eared owl	*Asio flammeus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00
black swift	*Cypseloides niger*	N/A	0.16	1.74	0.00	0.00	0.00	0.00	0.33	0.00	0.58
vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	0.16	0.00	0.02	1.26	0.27	2.59
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.16	0.52	0.00	1.26	0.00	2.59
willow flycatcher	*Empidonax traillii*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
purple martin	*Progne subis*	N/A	0.25	0.00	0.09	0.16	0.00	0.02	0.00	0.00	2.59
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.09	0.16	0.52	0.00	1.23	0.27	2.55
loggerhead shrike	*Lanius ludovicianus*	N/A	0.25	5.58	0.09	0.16	0.52	0.00	1.26	0.00	2.57
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.09	0.16	0.52	0.00	0.94	0.00	2.23
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.09	0.16	0.52	0.00	1.26	0.27	2.57
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.09	0.16	0.52	0.00	1.26	0.27	2.59
California towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.09	0.16	0.03	0.00	1.26	0.26	2.32
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.02	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00

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Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise - Redshank Chaparral	Lacustrine	Mixed Chaparral	Montane Chaparral	Montane Hardwood
vesper sparrow	*Pooecetes gramineus*	N/A	0.02	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	0.02	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.02	0.00	0.09	0.00	0.49	0.00	0.11	0.00	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.25	0.00	0.09	0.16	0.52	0.02	1.26	0.00	2.59
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kern red-winged blackbird	*Agelaius phoeniceus aciculatus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals											
ornate shrew	*Sorex ornatus*	N/A	0.24	0.00	0.09	0.16	0.00	0.00	0.87	0.00	0.00
broad-footed mole	*Scapanus latimanus*	N/A	0.25	0.00	0.09	0.16	0.00	0.00	0.00	0.00	2.59
yuma myotis	*Myotis yumanensis*	FS	0.25	0.00	0.09	0.16	0.52	0.02	1.26	0.27	2.59
long-eared myotis	*Myotis evotis*	FS	0.00	4.37	0.09	0.00	0.49	0.02	0.44	0.13	0.72
fringed myotis	*Myotis thysanodes*	FS	0.25	5.58	0.09	0.16	0.52	0.02	1.26	0.27	2.59
small-footed myotis	*Myotis ciliolabrum*	FS	0.08	3.40	0.09	0.16	0.49	0.00	0.91	0.00	1.83
western red bat	*Lasiurus blossevillii*	N/A	0.24	0.00	0.09	0.16	0.52	0.00	0.94	0.14	2.20
spotted bat	*Euderma maculatum*	FS	0.25	0.00	0.09	0.16	0.00	0.00	0.00	0.27	0.00
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.25	5.58	0.09	0.16	0.52	0.00	1.26	0.27	2.59
pallid bat	*Antrozous pallidus*	FS	0.25	5.58	0.09	0.16	0.52	0.00	1.26	0.27	2.59
western mastiff bat	*Eumops perotis*	FS	0.25	5.49	0.09	0.16	0.52	0.00	0.94	0.22	2.29
brush rabbit	*Sylvilagus bachmani*	N/A	0.25	0.00	0.09	0.16	0.52	0.00	1.26	0.27	2.57
black-tailed jackrabbit	*Lepus californicus*	N/A	0.25	0.00	0.09	0.16	0.52	0.00	1.26	0.26	2.57
mountain beaver	*Aplodontia rufa*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61
lodgepole chipmunk	*Tamias speciosus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	1.82
san joaquin pocket mouse	*Perognathus inornatus*	FS	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California pocket mouse	*Chaetodipus californicus*	N/A	0.16	0.00	0.00	0.00	0.03	0.00	0.49	0.11	0.83
heermann's kangaroo rat	*Dipodomys heermanni*	N/A	0.02	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.03
deer mouse	*Peromyscus maniculatus*	N/A	0.25	5.58	0.09	0.16	0.52	0.00	1.26	0.27	2.59
southern grasshopper mouse	*Onychomys torridus*	N/A	0.04	0.00	0.00	0.00	0.00	0.00	0.57	0.00	0.00
California vole	*Microtus californicus*	N/A	0.25	0.00	0.09	0.16	0.00	0.00	0.91	0.14	2.11
red fox	*Vulpes vulpes*	N/A	0.00	2.43	0.00	0.00	0.00	0.00	0.33	0.13	0.00
sierra nevada red fox	*Vulpes vulpes necator*	FS & ST	0.00	2.43	0.00	0.00	0.00	0.00	0.33	0.13	0.00
ringtail	*Bassariscus astutus*	N/A	0.25	5.58	0.09	0.16	0.52	0.00	1.26	0.27	2.59
marten	*Martes caurina*	FS	0.00	4.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
fisher	*Pekania pennanti*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
wolverine	*Gulo gulo*	FS & ST	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.11	0.00
American badger	*Taxidea taxus*	N/A	0.25	5.58	0.09	0.16	0.52	0.00	1.26	0.27	2.59
western spotted skunk	*Spilogale gracilis*	N/A	0.25	0.00	0.09	0.16	0.52	0.00	1.26	0.27	2.59
mountain lion	*Puma concolor*	ST	0.25	0.00	0.09	0.16	0.52	0.00	1.26	0.27	2.59
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	0.09	0.16	0.52	0.00	1.26	0.27	2.57
Reptiles											
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	1.26	0.27	2.59
blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.02	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.16	0.00	0.00	0.00	0.03	0.00	0.09	0.00	0.38
California legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.00	0.00	0.03	0.00	0.07	0.00	0.00
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	2.59

Status Key: FE = federally endangered, FT= federally threatened,
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Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise - Redshank Chaparral	Lacustrine	Mixed Chaparral	Montane Chaparral	Montane Hardwood
ring-necked snake	*Diadophis punctatus*	N/A	0.08	0.00	0.09	0.16	0.49	0.00	0.84	0.14	1.66
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.09	0.16	0.52	0.00	1.26	0.27	2.57
gophersnake	*Pituophis catenifer*	N/A	0.25	0.00	0.09	0.16	0.52	0.00	1.26	0.27	2.59
California mountain kingsnake	*Lampropeltis zonata*	N/A	0.25	0.00	0.09	0.16	0.00	0.00	1.26	0.27	2.57
common gartersnake	*Thamnophis sirtalis*	N/A	0.25	0.00	0.09	0.16	0.52	0.02	1.26	0.27	2.59
Plants											
yosemite onion	*Allium yosemitense*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	1.33
kaweah brodiaea	*Brodiaea insignis*	FS & SE	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27
chinese camp brodiaea	*Brodiaea pallida*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
mariposa pussypaws	*Calyptridium pulchellum*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	1.33
tree-anemone	*Carpenteria californica*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.40
succulent owl's-clover	*Castilleja campestris var. succulenta*	FT & SE	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
merced clarkia	*Clarkia lingulata*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.14
springville clarkia	*Clarkia springvillensis*	FT & SE	0.16	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.27
mojave tarplant	*Deinandra mohavensis*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.00
twisselmann's buckwheat	*Eriogonum twisselmannii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
congdon's woolly sunflower	*Eriophyllum congdonii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.14
striped adobe-lily	*Fritillaria striata*	FS & ST	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27
congdon's lewisia	*Lewisia congdonii*	FS	0.09	0.00	0.00	0.00	0.00	0.00	1.26	0.00	2.32
mariposa lupine	*Lupinus citrinus var. deflexus*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.14
father crowley's lupine	*Lupinus padre-crowleyi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
twisselmann's nemacladus	*Nemacladus twisselmannii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
layne's ragwort	*Packera layneae*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.14
hartweg's golden sunburst	*Pseudobahia bahiifolia*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
san joaquin adobe sunburst	*Pseudobahia peirsonii*	FT & SE	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
keck's checkerbloom	*Sidalcea keckii*	FE	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40
red hills vervain	*Verbena californica*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14

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Units are in acres

Common Name	Species Name	Status	Montane Hardwood-Conifer	Ponderosa Pine	Red Fir	Riverine	Sierran Mixed Conifer	Urban	Valley Oak Woodland	Wet Meadow	White Fir
		Total:	1.00	0.86	0.17	0.04	1.23	0.05	0.04	0.03	0.04
Amphibians											
California newt	*Taricha torosa*	N/A	0.04	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	1.00	0.86	0.00	0.00	1.23	0.00	0.04	0.00	0.04
yellow-blotched salamander	*Ensatina eschscholtzii croceator*	FS	0.04	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
mount lyell salamander	*Hydromantes platycephalus*	N/A	0.00	0.00	0.17	0.00	0.16	0.00	0.00	0.00	0.04
yosemite toad	*Anaxyrus canorus*	FT & FS	0.00	0.00	0.17	0.00	0.06	0.00	0.00	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	1.00	0.86	0.00	0.00	1.23	0.00	0.04	0.03	0.04
southern mountain yellow-legged frog	*Rana muscosa*	FE & FS & SE	0.00	0.00	0.00	0.04	0.10	0.00	0.00	0.00	0.00
sierra nevada yellow-legged frog	*Rana sierrae*	FE & FS & ST	0.09	0.00	0.17	0.00	0.34	0.00	0.00	0.00	0.04
California red-legged frog	*Rana draytonii*	FT	0.96	0.86	0.00	0.03	0.00	0.00	0.04	0.00	0.00
Birds											
American white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	1.00	0.86	0.00	0.00	1.23	0.05	0.04	0.03	0.04
great egret	*Ardea alba*	N/A	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California condor	*Gymnogyps Californianus*	FE & SE	0.04	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	1.00	0.86	0.17	0.04	1.23	0.00	0.04	0.03	0.04
white-tailed kite	*Elanus leucurus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bald eagle	*Haliaeetus leucocephalus*	FS & SE	1.00	0.86	0.17	0.04	1.23	0.00	0.04	0.03	0.04
northern harrier	*Circus cyaneus*	N/A	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.03	0.00
northern goshawk	*Accipiter gentilis*	FS	1.00	0.86	0.17	0.00	1.23	0.00	0.04	0.00	0.04
swainson's hawk	*Buteo swainsoni*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
golden eagle	*Aquila chrysaetos*	FS	1.00	0.86	0.17	0.00	1.23	0.05	0.04	0.03	0.04
peregrine falcon	*Falco peregrinus*	FS	1.00	0.86	0.17	0.04	1.23	0.05	0.04	0.03	0.04
sooty grouse	*Dendragapus fuliginosus*	N/A	1.00	0.86	0.17	0.00	1.23	0.00	0.00	0.00	0.04
mount pinos sooty grouse	*Dendragapus obscurus howardi*	N/A	0.32	0.56	0.00	0.00	0.62	0.00	0.00	0.00	0.00
California quail	*Callipepla californica*	N/A	1.00	0.86	0.00	0.00	1.07	0.05	0.04	0.03	0.00
burrowing owl	*Athene cunicularia*	FS	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted owl	*Strix occidentalis*	N/A	1.00	0.86	0.17	0.00	1.21	0.00	0.00	0.00	0.04
California spotted owl	*Strix occidentalis occidentalis*	FS	1.00	0.86	0.17	0.00	1.21	0.00	0.00	0.00	0.04
great gray owl	*Strix nebulosa*	FS & SE	0.00	0.00	0.17	0.00	1.23	0.00	0.00	0.00	0.04
long-eared owl	*Asio otus*	N/A	1.00	0.86	0.00	0.00	1.23	0.00	0.04	0.03	0.04
short-eared owl	*Asio flammeus*	N/A	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black swift	*Cypseloides niger*	N/A	0.00	0.00	0.00	0.04	0.10	0.00	0.00	0.00	0.00
vaux's swift	*Chaetura vauxi*	N/A	1.00	0.86	0.17	0.04	1.23	0.05	0.00	0.00	0.04
olive-sided flycatcher	*Contopus cooperi*	N/A	1.00	0.86	0.17	0.00	1.23	0.00	0.00	0.00	0.04
willow flycatcher	*Empidonax traillii*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
purple martin	*Progne subis*	N/A	1.00	0.86	0.00	0.04	1.17	0.05	0.04	0.00	0.00
bewick's wren	*Thryomanes bewickii*	N/A	1.00	0.86	0.00	0.00	0.00	0.05	0.04	0.00	0.04
loggerhead shrike	*Lanius ludovicianus*	N/A	1.00	0.86	0.00	0.00	0.00	0.05	0.04	0.03	0.00
hutton's vireo	*Vireo huttoni*	N/A	0.88	0.67	0.00	0.00	0.96	0.05	0.04	0.00	0.00
yellow warbler	*Setophaga petechia*	N/A	1.00	0.86	0.00	0.00	1.07	0.05	0.04	0.00	0.00
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
spotted towhee	*Pipilo maculatus*	N/A	1.00	0.86	0.00	0.00	1.23	0.05	0.04	0.00	0.04
California towhee	*Pipilo crissalis*	N/A	0.68	0.77	0.00	0.00	0.00	0.05	0.00	0.00	0.00
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Montane Hardwood-Conifer	Ponderosa Pine	Red Fir	Riverine	Sierran Mixed Conifer	Urban	Valley Oak Woodland	Wet Meadow	White Fir
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.03	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
song sparrow	*Melospiza melodia*	N/A	1.00	0.86	0.00	0.04	1.23	0.05	0.04	0.03	0.04
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.03	0.00
kern red-winged blackbird	*Agelaius phoeniceus aciculatus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
Mammals											
ornate shrew	*Sorex ornatus*	N/A	0.43	0.21	0.00	0.00	0.10	0.00	0.04	0.03	0.00
broad-footed mole	*Scapanus latimanus*	N/A	1.00	0.86	0.17	0.00	1.23	0.00	0.04	0.03	0.04
yuma myotis	*Myotis yumanensis*	FS	1.00	0.86	0.17	0.04	1.23	0.05	0.04	0.03	0.04
long-eared myotis	*Myotis evotis*	FS	0.32	0.19	0.17	0.04	0.67	0.00	0.04	0.03	0.04
fringed myotis	*Myotis thysanodes*	FS	1.00	0.86	0.17	0.04	1.23	0.05	0.04	0.00	0.04
small-footed myotis	*Myotis ciliolabrum*	FS	0.59	0.30	0.00	0.00	0.24	0.05	0.04	0.03	0.00
western red bat	*Lasiurus blossevillii*	N/A	0.82	0.67	0.00	0.00	0.53	0.05	0.04	0.00	0.00
spotted bat	*Euderma maculatum*	FS	1.00	0.86	0.00	0.04	1.23	0.05	0.04	0.03	0.04
townsend's big-eared bat	*Corynorhinus townsendii*	FS	1.00	0.86	0.17	0.04	1.23	0.05	0.04	0.03	0.04
pallid bat	*Antrozous pallidus*	FS	1.00	0.86	0.17	0.04	1.23	0.05	0.04	0.03	0.04
western mastiff bat	*Eumops perotis*	FS	1.00	0.84	0.00	0.00	0.00	0.05	0.04	0.03	0.00
brush rabbit	*Sylvilagus bachmani*	N/A	1.00	0.86	0.00	0.00	0.95	0.05	0.04	0.00	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	1.00	0.86	0.00	0.00	0.79	0.05	0.04	0.03	0.00
mountain beaver	*Aplodontia rufa*	N/A	0.81	0.74	0.17	0.00	1.07	0.00	0.00	0.00	0.04
lodgepole chipmunk	*Tamias speciosus*	N/A	0.00	0.00	0.17	0.00	0.56	0.00	0.00	0.00	0.04
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.92	0.76	0.17	0.00	1.16	0.00	0.04	0.00	0.04
san joaquin pocket mouse	*Perognathus inornatus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California pocket mouse	*Chaetodipus californicus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
heermann's kangaroo rat	*Dipodomys heermanni*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	1.00	0.86	0.17	0.00	1.23	0.05	0.04	0.03	0.04
southern grasshopper mouse	*Onychomys torridus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California vole	*Microtus californicus*	N/A	0.71	0.30	0.00	0.00	0.70	0.05	0.04	0.03	0.00
red fox	*Vulpes vulpes*	N/A	0.02	0.10	0.17	0.00	0.48	0.00	0.00	0.00	0.04
sierra nevada red fox	*Vulpes vulpes necator*	FS & ST	0.02	0.10	0.17	0.00	0.48	0.00	0.00	0.00	0.04
ringtail	*Bassariscus astutus*	N/A	1.00	0.86	0.00	0.00	1.23	0.00	0.04	0.03	0.04
marten	*Martes caurina*	FS	0.67	0.74	0.17	0.00	1.19	0.00	0.00	0.00	0.04
fisher	*Pekania pennanti*	FS & ST	1.00	0.86	0.17	0.00	1.23	0.00	0.00	0.00	0.04
wolverine	*Gulo gulo*	FS & ST	0.32	0.00	0.17	0.00	0.68	0.00	0.00	0.00	0.04
American badger	*Taxidea taxus*	N/A	1.00	0.86	0.17	0.00	1.23	0.00	0.04	0.03	0.04
western spotted skunk	*Spilogale gracilis*	N/A	1.00	0.86	0.17	0.00	1.23	0.05	0.04	0.03	0.04
mountain lion	*Puma concolor*	ST	1.00	0.86	0.17	0.00	1.23	0.00	0.04	0.03	0.04
big-eared woodrat	*Neotoma macrotis*	N/A	1.00	0.86	0.00	0.00	1.07	0.00	0.04	0.03	0.00
Reptiles											
common sagebrush lizard	*Sceloporus graciosus*	FS	1.00	0.86	0.00	0.00	1.23	0.00	0.00	0.00	0.04
blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.05	0.03	0.00	0.00	0.18	0.00	0.00	0.00	0.00
California legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern rubber boa	*Charina bottae*	N/A	1.00	0.86	0.17	0.00	1.23	0.00	0.00	0.00	0.04

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

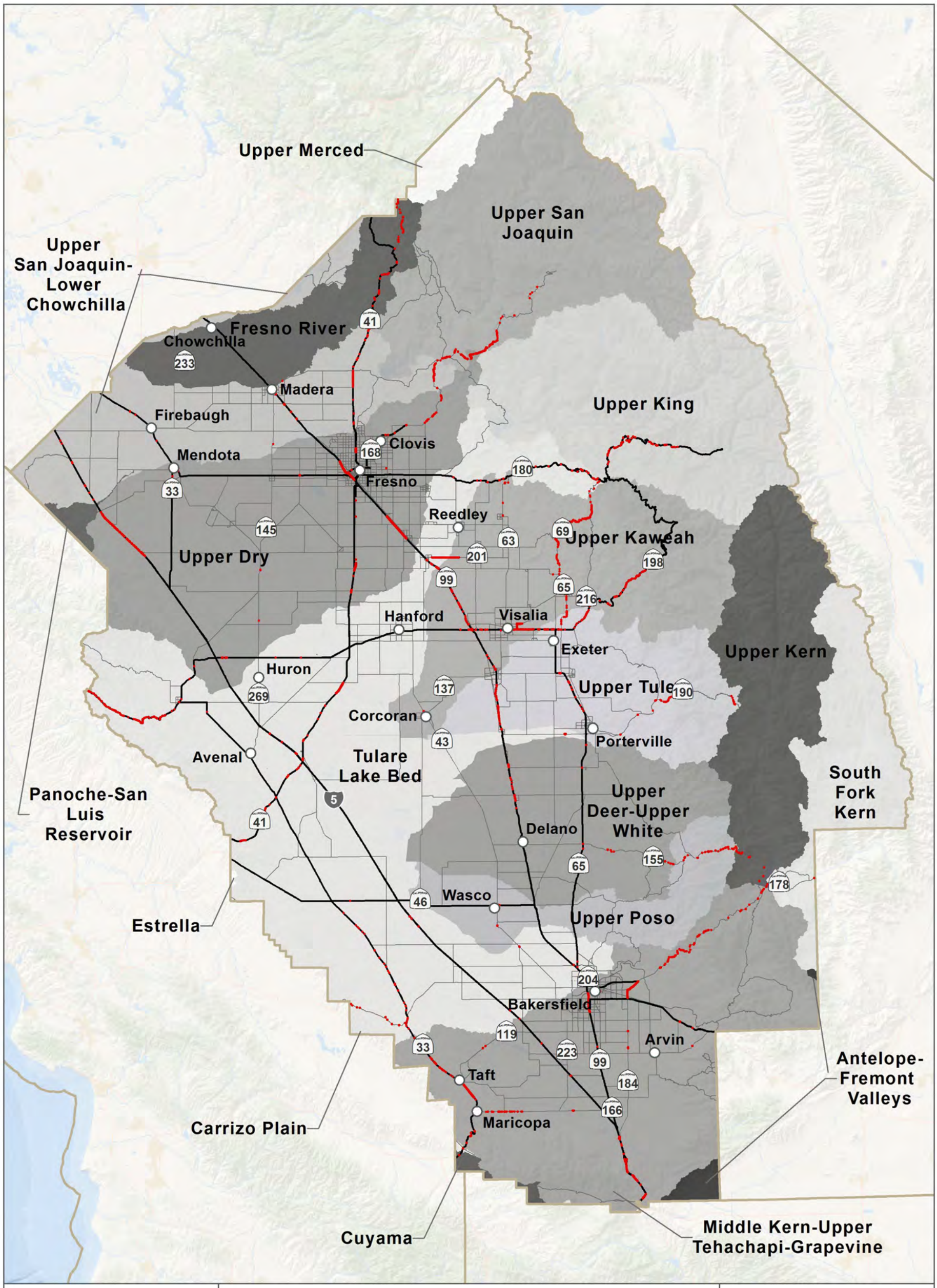
Units are in acres

Common Name	Species Name	Status	Montane Hardwood-Conifer	Ponderosa Pine	Red Fir	Riverine	Sierran Mixed Conifer	Urban	Valley Oak Woodland	Wet Meadow	White Fir
ring-necked snake	*Diadophis punctatus*	N/A	0.46	0.21	0.00	0.00	0.28	0.00	0.04	0.00	0.00
striped racer	*Coluber lateralis*	N/A	1.00	0.86	0.00	0.00	1.07	0.00	0.04	0.03	0.00
gophersnake	*Pituophis catenifer*	N/A	1.00	0.86	0.00	0.00	1.23	0.05	0.04	0.03	0.04
California mountain kingsnake	*Lampropeltis zonata*	N/A	1.00	0.86	0.00	0.00	1.07	0.00	0.04	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	1.00	0.86	0.00	0.00	1.23	0.00	0.04	0.03	0.04
Plants											
yosemite onion	*Allium yosemitense*	N/A	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kaweah brodiaea	*Brodiaea insignis*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
chinese camp brodiaea	*Brodiaea pallida*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mariposa pussypaws	*Calyptridium pulchellum*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tree-anemone	*Carpenteria californica*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
succulent owl's-clover	*Castilleja campestris var. succulenta*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
merced clarkia	*Clarkia lingulata*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
springville clarkia	*Clarkia springvillensis*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mojave tarplant	*Deinandra mohavensis*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
twisselmann's buckwheat	*Eriogonum twisselmannii*	FS	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
congdon's woolly sunflower	*Eriophyllum congdonii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
striped adobe-lily	*Fritillaria striata*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
congdon's lewisia	*Lewisia congdonii*	FS	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mariposa lupine	*Lupinus citrinus var. deflexus*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
father crowley's lupine	*Lupinus padre-crowleyi*	N/A	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
twisselmann's nemacladus	*Nemacladus twisselmannii*	FS	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
layne's ragwort	*Packera layneae*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hartweg's golden sunburst	*Pseudobahia bahiifolia*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin adobe sunburst	*Pseudobahia peirsonii*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
keck's checkerbloom	*Sidalcea keckii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
red hills vervain	*Verbena californica*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 6 – Hydrologic Units (HUC-8) with Potential Transportation Projects



N

Miles

0 10 20

City

Highway

Major Road

District 6 Transportation Project

Caltrans District

HYDROLOGIC UNITS (HUC8) WITH POTENTIAL TRANSPORTATION PROJECTS FOR CALTRANS DISTRICT 6

PATH: \\SAC-SRV01\GIS\PROJECTS\CALTRANS\10235489_CALTRANS_TO4_SAMNA2020\7.2_WORKING\MAP_DOCS\PROCESSING\7_CALTRANSPROJECTS\D06\CALTRANS_HUC_ANSIB_D6.MXD - USER: ROLDEN - DATE: 3/31/2021

Caltrans District 6 – Watershed Impacts to Waters and Fish Species Summary Table

HUC-8 Name / Common Species Name	Scientific Species Name	Listing Status	Artificial Path	Canal/Ditch	Connector	Inundation Area	Lake/Pond	Pipeline	Reservoir	Stream/River
Carrizo Plain			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cuyama			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fresno River			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Middle Kern-Upper Tehachapi-Grapevine			0.00	0.65	0.13	0.00	0.00	0.07	0.00	3.16
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Middle San Joaquin-Lower Chowchilla			0.01	0.19	0.03	0.00	0.00	0.00	0.00	0.52
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
South Fork Kern			0.00	0.02	0.00	0.18	0.00	0.00	0.00	0.03
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tulare Lake Bed			0.01	1.08	0.00	0.00	0.00	0.00	0.00	2.03
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upper Deer-Upper White			0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.04
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upper Dry			0.01	0.63	0.09	0.00	0.00	0.22	0.00	0.98
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upper Kaweah			0.00	0.61	0.02	0.00	0.00	0.00	0.00	0.73
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upper Kern			0.00	0.00	0.00	0.06	0.04	0.00	0.00	0.04
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upper King			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42
Lahontan cutthroat trout	*Oncorhynchus clarkii henshawi*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41
Upper Poso			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upper San Joaquin			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98
Lahontan cutthroat trout	*Oncorhynchus clarkii henshawi*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97
Paiute cutthroat trout	*Oncorhynchus clarkii seleniris*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97
Upper Tule			0.05	0.24	0.00	0.00	0.02	0.00	0.00	0.16
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 6 – HUC-8 Watershed Impacts by Wetland Type Summary Table

HUC-8 Name	Freshwater Emergent Wetland	Freshwater Forested/Shrub Wetland	Freshwater Pond	Lake	Riverine
Carrizo Plain	0.00	0.00	0.00	0.00	0.05
Cuyama	0.00	0.00	0.00	0.00	0.03
Fresno River	0.00	0.00	0.00	0.00	0.07
Middle Kern-Upper Tehachapi-Grapevine	0.03	0.07	0.03	0.00	2.33
Middle San Joaquin-Lower Chowchilla	0.06	0.03	0.00	0.00	0.28
South Fork Kern	0.00	0.00	0.00	0.15	0.01
Tulare Lake Bed	0.06	0.31	0.00	0.00	1.73
Upper Deer-Upper White	0.00	0.00	0.00	0.00	0.02
Upper Dry	0.00	0.00	0.02	0.00	0.73
Upper Kaweah	0.10	0.02	0.00	0.03	0.47
Upper Kern	0.00	0.00	0.00	0.09	0.11
Upper King	0.00	0.00	0.00	0.00	0.12
Upper Poso	0.00	0.00	0.00	0.00	0.06
Upper San Joaquin	0.00	0.04	0.00	0.00	0.21
Upper Tule	0.06	0.02	0.00	0.00	0.09

Units are in acres

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APPENDIX G

District 7

- **Table**: Caltrans District 7 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin
- **Map**: Caltrans District 7 – Ecoregion Sections with Potential Transportation Projects
- **Table**: Caltrans District 7 – Mojave Desert Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 7 – Southern California Coast Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 7 – Southern California Mountains and Valleys Ecoregion Section Impact by Species Summary Table
- **Map**: Caltrans District 7 – Hydrologic Units (HUC-8) with Potential Transportation Projects
- **Table**: Caltrans District 7 – Watershed Impacts to Waters and Fish Species Summary Table
- **Table**: Caltrans District 7 – HUC-8 Watershed Impacts by Wetland Type Summary Table

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Caltrans District 7 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
9251	Los Angeles	101	S0.91	2.86	Bridge	2023/24	Southern California Coast	2.00	Los Angeles	1.41
									Santa Monica Bay	0.63
9296	Los Angeles	213	2.7	3.9	Drainage	2019/20	Southern California Coast	0.10	San Gabriel	0.10
11250	Los Angeles	1	56.5	56.9	Bridge	2020/21	Southern California Coast	0.99	Santa Monica Bay	0.99
11289	Los Angeles	91	R10.2	R10.3	Bridge	2021/22	Southern California Coast	3.73	Los Angeles	3.10
									San Gabriel	0.64
13501	Ventura	1	28.2	N/A	Bridge	2020/21	Southern California Coast	0.55	Ventura	1.63
							Southern California Mountains and Valleys	1.07		
13675	Los Angeles	1	0	19	Pavement	2021/22	Southern California Coast	0.64	Los Angeles	0.32
									San Gabriel	0.40
13678	Los Angeles	22	0	1.5	Pavement	2020/21	Southern California Coast	0.30	San Gabriel	0.31
13691	Los Angeles	5	R59.7	R73.7	Pavement	2020/21	Southern California Mountains and Valleys	0.19	Santa Clara	0.19
13708	Los Angeles	10	R4.7	14.1	Drainage	2023/24	Southern California Coast	0.90	Santa Monica Bay	1.10
13739	Los Angeles	405	39.1	N/A	Mobility - Operational Improvements	2021/22	Southern California Coast	0.36	Los Angeles	0.37
13760	Los Angeles	164	1.4	6.9	Mobility - ADA	2021/22	Southern California Coast	26.23	Los Angeles	26.57
15837	Los Angeles	110	22.8	N/A	Bridge	2020/21	Southern California Coast	0.97	Santa Monica Bay	0.97
15838	Los Angeles	134	R12.6	N/A	Bridge	2021/22	Southern California Coast	1.67	Los Angeles	1.67
15854	Los Angeles	138	70.3	N/A	Bridge	2021/22	Mojave Desert	0.49	Antelope-Fremont Valleys	0.49
							Southern California Mountains and Valleys	1.90	San Gabriel	1.91
15934	Los Angeles	1	35.2	46.9	Pavement	2025/26	Southern California Coast	1.90	Santa Monica Bay	1.90
15968	Los Angeles	405	0	12.8	Pavement	2023/24	Southern California Coast	0.44	San Gabriel	0.47
15972	Los Angeles	10	24	31.2	Pavement	2027/28	Southern California Coast	0.63	Los Angeles	0.63
16007	Los Angeles	1	37.7	62.8	Drainage	2020/21	Southern California Coast	3.14	Santa Monica Bay	3.16
16008	Los Angeles	2	14.19	57.47	Drainage	2022/23	Southern California Coast	2.43	Antelope-Fremont Valleys	0.27
							Southern California Mountains and Valleys	0.59	Los Angeles	3.08
16368	Los Angeles	Various	28.3		Bridge	2019/20	Southern California Coast	0.62	Los Angeles	0.62
16836	Los Angeles	118	R11.0	R14.0	Sustainability	2021/22	Southern California Coast	19.38	Los Angeles	19.43
16850	Los Angeles	1	0.04	0.04	Bridge	2023/24	Southern California Coast	1.02	San Gabriel	1.04
16961	Ventura	33	16.1	N/A	Bridge	2021/22	Southern California Mountains and Valleys	0.56	Ventura	0.56
17221	Los Angeles	103	0.1	0.1	Drainage	2020/21	Southern California Coast	0.20	San Gabriel	0.20

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
17520	Los Angeles	110	31	31	Mobility - Operational Improvements	2021/22	Southern California Coast	0.37	Los Angeles	0.37
17609	Los Angeles	14	28.9	N/A	Drainage	2019/20	Southern California Mountains and Valleys	2.21	Santa Clara	2.22
17977	Los Angeles	5	20.8	N/A	Drainage	2019/20	Southern California Coast	0.14	Los Angeles	0.14
18047	Los Angeles	101	0	8.05	Pavement	2028/29	Southern California Coast	0.78	Los Angeles	0.49
									Santa Monica Bay	0.30
18048	Ventura	34	6.27	17.66	Pavement	2023/24	Southern California Coast	0.11	Calleguas	0.11
18056	Los Angeles	710	5.9	7.1	Pavement	2028/29	Southern California Coast	0.86	Los Angeles	1.04
18133	Los Angeles	103	0.9	0.9	Bridge	2023/24	Southern California Coast	2.19	San Gabriel	2.19
18175	Los Angeles	110	27.08	30.1	Bridge	2025/26	Southern California Coast	1.05	Los Angeles	1.06
18215	Los Angeles	1	7.08	7.11	Bridge	2022/23	Southern California Coast	1.52	Los Angeles	1.53
18253	Ventura	33	30.52	32.1	Bridge	2027/28	Southern California Coast	2.91	Calleguas	1.99
							Southern California Mountains and Valleys	1.48	Santa Clara	1.49
									Ventura	0.93
18313	Los Angeles	39	18.36	22.17	Bridge	2028/29	Southern California Mountains and Valleys	1.92	San Gabriel	1.94
18314	Los Angeles	39	20.66	20.66	Bridge	2023/24	Southern California Mountains and Valleys	0.45	San Gabriel	0.45
18593	Los Angeles	5	27	66.5	Bridge	2019/20	Southern California Coast	4.63	Los Angeles	4.64
							Southern California Mountains and Valleys	0.78	Santa Clara	0.78
18595	Los Angeles	210	R19.4	R27.0	Bridge	2023/24	Southern California Coast	1.03	Los Angeles	1.06
18685	Los Angeles	2	68.12	82.05	Drainage	2022/23	Southern California Mountains and Valleys	1.35	Antelope-Fremont Valleys	0.76
									Mojave	0.62
18690	Los Angeles	5	R60.0	R75.0	Drainage	2023/24	Southern California Mountains and Valleys	3.63	Santa Clara	3.64
18691	Los Angeles	118	R13.0	R13.88	Drainage	2023/24	Southern California Coast	0.94	Los Angeles	0.96
19078	Los Angeles	1	44.15	44.15	Bridge	2026/27	Southern California Coast	1.45	Santa Monica Bay	1.45
19664	Los Angeles	60	15.9	19.5	Bridge	2020/21	Southern California Coast	6.46	San Gabriel	6.48
20258	Los Angeles	91	6.012	R12.0	Pavement	2028/29	Southern California Coast	1.09	Los Angeles	1.14
20259	Los Angeles	60	11.75	R25.3	Pavement	2027/28	Southern California Coast	0.12	San Gabriel	0.12
20309	Los Angeles	110	1.2	10	Drainage	2025/26	Southern California Coast	1.15	San Gabriel	1.23
20784	Los Angeles	210	27.4	31.9	Drainage	2025/26	Southern California Coast	1.32	Los Angeles	1.35
20818	Los Angeles	405	31.56	41.37	Pavement	2022/23	Southern California Coast	0.62	Santa Monica Bay	0.64
21140	Los Angeles	210	R11.0	R11.5	Drainage	2025/26	Southern California Coast	1.75	Los Angeles	1.76
21168	Ventura	150	0	31.3	Pavement	2026/27	Southern California Coast	1.94	Santa Clara	0.12
									Ventura	1.93
21316	Ventura	1	4.4	4.8	Bridge	2024/25	Southern California Coast	0.93	Santa Monica Bay	0.86

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
21471	Los Angeles	210	32	39	Drainage	2027/28	Southern California Coast	1.46	Los Angeles	0.81
									San Gabriel	0.72
21504	Los Angeles	138	33	33.2	Safety Improvements	2023/24	Mojave Desert	1.95	Antelope-Fremont Valleys	1.95
21772	Los Angeles	10	18.48	18.59	Bridge	2025/26	Southern California Coast	1.25	Los Angeles	1.27
21944	Los Angeles	14	R70.99	R70.99	Bridge	2024/25	Mojave Desert	1.95	Antelope-Fremont Valleys	1.95
22009	Los Angeles	210	0.4	29	Drainage	2026/27	Southern California Coast	9.81	Los Angeles	10.32
22012	Ventura	23	23	24	Drainage	2026/27	Southern California Coast	2.48	Santa Clara	2.48
22139	Los Angeles	110	25.34	25.43	Bridge	2024/25	Southern California Coast	0.56	Los Angeles	0.60
22293	Los Angeles	14	28	33.5	Drainage	2026/27	Southern California Mountains and Valleys	2.37	Santa Clara	2.37
22294	Los Angeles	110	24	32	Drainage	2026/27	Southern California Coast	0.78	Los Angeles	0.82
22295	Los Angeles	405	13.6	29.5	Drainage	2026/27	Southern California Coast	4.41	Los Angeles	0.11
									San Gabriel	3.13
									Santa Monica Bay	1.36
22296	Ventura	118	16	32	Drainage	2026/27	Southern California Coast	1.35	Calleguas	1.35
22315	Los Angeles	213	2.8	8.5	Drainage	2027/28	Southern California Coast	1.79	San Gabriel	1.55
									Santa Monica Bay	0.38
22321	Los Angeles	105	2.5	16.5	Drainage	2027/28	Southern California Coast	2.04	Los Angeles	0.70
									San Gabriel	1.38
22324	Los Angeles	10	21	40	Drainage	2027/28	Southern California Coast	1.53	Los Angeles	0.79
							Southern California Mountains and Valleys	2.28	San Gabriel	2.08
									Santa Ana	1.00
22326	Los Angeles	39	17.5	44.1	Drainage	2028/29	Southern California Mountains and Valleys	2.36	Antelope-Fremont Valleys	0.12
									Mojave	0.14
									San Gabriel	2.23
22327	Los Angeles	710	13.1	27.3	Drainage	2028/29	Southern California Coast	1.30	Los Angeles	1.37
22328	Ventura	101	31.7	35.3	Drainage	2028/29	Southern California Coast	1.90	Cuyama	0.20
							Southern California Mountains and Valleys	0.48	Santa Clara	0.12
									Ventura	2.12
22329	Los Angeles	5	26.8	74.7	Drainage	2028/29	Southern California Coast	1.18	Los Angeles	1.18
							Southern California Mountains and Valleys	2.58	Santa Clara	2.59
22330	Ventura	101	1.7	15.1	Drainage	2028/29	Southern California Coast	1.68	Calleguas	1.51
									Los Angeles	0.11
									Santa Monica Bay	0.11

Caltrans District 7 – Ecoregion Sections with Potential Transportation Projects



PATH: \\SAC-SRV01\GIS\PROJECTS\CALTRANS\10235489_CALTRANS_TO4_SAMNA2020\7.2_WORKING\MAP_DOCS\PROCESSING\7_CALTRANS\PROJECTS\D07\CALTRANS_ECOREGIONS_ANSIB_D7.MXD - USER: ROLDEN - DATE: 3/31/2021

Caltrans District 7 – Mojave Desert Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Alkali Desert Scrub	Irrigated Row and Field Crops	Joshua Tree	Lacustrine	Sagebrush	Urban
		Total:	**1.41**	**0.37**	**0.25**	**0.23**	**0.19**	**1.95**
Amphibians								
california red-legged frog	*Rana draytonii*	FT	0.00	0.00	0.00	0.23	0.00	0.00
Birds								
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.00	0.23	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.00	0.37	0.00	0.23	0.00	1.95
great egret	*Ardea alba*	N/A	0.00	0.37	0.00	0.23	0.00	1.95
white-tailed kite	*Elanus leucurus*	FS	1.41	0.37	0.00	0.00	0.00	1.95
northern harrier	*Circus cyaneus*	N/A	1.41	0.00	0.00	0.23	0.19	1.95
swainson's hawk	*Buteo swainsoni*	FS & ST	0.00	0.00	0.00	0.00	0.18	1.95
golden eagle	*Aquila chrysaetos*	FS	1.41	0.00	0.25	0.00	0.19	1.95
california quail	*Callipepla californica*	N/A	1.41	0.00	0.25	0.00	0.19	1.95
mountain plover	*Charadrius montanus*	FS	0.00	0.37	0.00	0.00	0.18	0.00
burrowing owl	*Athene cunicularia*	FS	1.41	0.00	0.25	0.00	0.19	1.95
long-eared owl	*Asio otus*	N/A	0.00	0.00	0.00	0.00	0.19	0.00
short-eared owl	*Asio flammeus*	N/A	1.41	0.37	0.00	0.00	0.18	1.95
cactus wren	*Campylorhynchus brunneicapillus*	N/A	0.00	0.00	0.25	0.00	0.00	1.95
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.25	0.00	0.00	1.95
le conte's thrasher	*Toxostoma lecontei*	N/A	1.41	0.00	0.25	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	1.41	0.00	0.25	0.00	0.19	1.95
bell's sparrow	*Artemisiospiza belli*	N/A	1.41	0.00	0.25	0.00	0.19	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	1.41	0.00	0.00	0.00	0.19	0.00
song sparrow	*Melospiza melodia*	N/A	0.00	0.00	0.00	0.23	0.00	1.95
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.37	0.00	0.00	0.00	1.95
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.37	0.00	0.00	0.00	1.95
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.00	0.00	0.23	0.00	0.00
Mammals								
long-eared myotis	*Myotis evotis*	FS	0.00	0.00	0.00	0.23	0.00	0.00
small-footed myotis	*Myotis ciliolabrum*	FS	0.00	0.00	0.00	0.23	0.00	0.00
spotted bat	*Euderma maculatum*	FS	1.41	0.00	0.25	0.00	0.19	1.95
townsend's big-eared bat	*Corynorhinus townsendii*	FS	1.41	0.37	0.25	0.00	0.19	1.95
pallid bat	*Antrozous pallidus*	FS	1.41	0.37	0.25	0.00	0.19	1.95
western mastiff bat	*Eumops perotis*	FS	1.41	0.37	0.25	0.00	0.00	1.95
black-tailed jackrabbit	*Lepus californicus*	N/A	1.41	0.37	0.25	0.00	0.19	1.95
mohave ground squirrel	*Xerospermophilus mohavensis*	FS & ST	1.41	0.00	0.25	0.00	0.00	0.00
little pocket mouse	*Perognathus longimembris*	N/A	0.00	0.00	0.25	0.00	0.02	0.00
merriam's kangaroo rat	*Dipodomys merriami*	N/A	1.41	0.00	0.25	0.00	0.19	0.00
deer mouse	*Peromyscus maniculatus*	N/A	1.41	0.37	0.25	0.00	0.19	1.95
southern grasshopper mouse	*Onychomys torridus*	N/A	1.41	0.00	0.00	0.00	0.19	0.00
desert woodrat	*Neotoma lepida*	N/A	1.41	0.00	0.25	0.00	0.19	0.00
california vole	*Microtus californicus*	N/A	0.00	0.00	0.00	0.00	0.02	0.00
kit fox	*Vulpes macrotis*	N/A	1.41	0.00	0.25	0.00	0.19	0.00
american badger	*Taxidea taxus*	N/A	1.41	0.37	0.25	0.00	0.19	0.00
western spotted skunk	*Spilogale gracilis*	N/A	1.41	0.37	0.00	0.00	0.18	1.95
Reptiles								
mohave desert tortoise	*Gopherus agassizii*	FT & ST	1.41	0.00	0.25	0.00	0.19	0.00
desert night lizard	*Xantusia vigilis*	FS	1.41	0.00	0.25	0.00	0.19	0.00
coachwhip	*Coluber flagellum*	N/A	1.41	0.00	0.25	0.00	0.19	0.00
western patch-nosed snake	*Salvadora hexalepis*	N/A	1.41	0.00	0.25	0.00	0.19	0.00
gophersnake	*Pituophis catenifer*	N/A	1.41	0.37	0.25	0.00	0.19	1.95

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Alkali Desert Scrub	Irrigated Row and Field Crops	Joshua Tree	Lacustrine	Sagebrush	Urban
Plants								
lane mountain milk-vetch	*Astragalus jaegerianus*	FE	0.00	0.00	0.25	0.00	0.00	0.00

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Caltrans District 7 – Southern California Coast Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Coastal Oak Woodland	Coastal Scrub	Deciduous Orchard	Desert Wash	Eucalyptus	Evergreen Orchard
		Total:	4.76	1.89	0.71	3.68	2.05	0.29	0.65	0.01
Amphibians										
california newt	*Taricha torosa*	N/A	2.00	0.00	0.40	1.58	0.00	0.00	0.65	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.61	2.60	0.00	0.00	0.00	0.00
southern california slender salamander	*Batrachoseps major*	N/A	0.00	0.40	0.00	0.00	0.00	0.05	0.00	0.00
western spadefoot	*Spea hammondii*	FS	4.76	0.00	0.71	3.68	2.05	0.00	0.65	0.01
arroyo toad	*Anaxyrus californicus*	FE	0.00	0.00	0.00	0.00	0.00	0.05	0.48	0.00
foothill yellow-legged frog	*Rana boylii*	FS	1.43	0.00	0.31	1.17	0.00	0.00	0.00	0.00
california red-legged frog	*Rana draytonii*	FT	4.76	0.00	0.71	3.68	0.00	0.00	0.65	0.00
Birds										
common loon	*Gavia immer*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	1.89	0.00	0.00	0.00	0.00	0.00	0.00
brown pelican	*Pelecanus occidentalis*	FS	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00
least bittern	*Ixobrychus exilis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	4.76	0.00	0.71	3.68	0.00	0.00	0.65	0.00
great egret	*Ardea alba*	N/A	4.76	0.00	0.71	0.00	0.00	0.00	0.65	0.00
redhead	*Aythya americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california condor	*Gymnogyps californianus*	FE & SE	1.69	0.00	0.28	0.54	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	4.76	1.89	0.71	0.00	0.00	0.29	0.65	0.00
white-tailed kite	*Elanus leucurus*	FS	4.76	1.89	0.71	3.68	2.05	0.00	0.65	0.01
bald eagle	*Haliaeetus leucocephalus*	FS & SE	4.76	1.89	0.71	3.68	0.00	0.00	0.65	0.00
northern harrier	*Circus cyaneus*	N/A	4.76	1.89	0.71	3.68	2.05	0.29	0.65	0.00
golden eagle	*Aquila chrysaetos*	FS	1.86	1.55	0.61	2.60	0.00	0.24	0.00	0.00
peregrine falcon	*Falco peregrinus*	FS	4.76	1.89	0.71	3.68	0.00	0.00	0.65	0.00
california quail	*Callipepla californica*	N/A	4.76	0.00	0.71	3.68	2.05	0.29	0.65	0.01
clapper rail	*Rallus longirostris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
light-footed clapper rail	*Rallus longirostris levipes*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
snowy plover	*Charadrius nivosus*	FT	0.00	1.55	0.00	0.00	0.00	0.00	0.00	0.00
mountain plover	*Charadrius montanus*	FS	0.05	0.17	0.00	0.00	0.00	0.00	0.00	0.00
least tern	*Sternula antillarum*	FE & SE	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00
black skimmer	*Rynchops niger*	N/A	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	4.35	0.45	0.32	1.59	0.00	0.29	0.65	0.00
long-eared owl	*Asio otus*	N/A	1.82	0.00	0.31	0.00	0.00	0.00	0.00	0.00
short-eared owl	*Asio flammeus*	N/A	0.48	0.00	0.32	2.49	0.00	0.00	0.00	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
purple martin	*Progne subis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cactus wren	*Campylorhynchus brunneicapillus*	N/A	0.00	0.00	0.00	3.68	0.00	0.29	0.00	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.71	3.68	2.05	0.29	0.65	0.00
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	4.76	1.89	0.71	3.68	2.05	0.29	0.65	0.00
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.71	3.68	2.05	0.00	0.65	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.71	3.68	2.05	0.29	0.65	0.00
common yellowthroat	*Geothlypis trichas*	N/A	4.76	0.00	0.00	0.00	0.00	0.00	0.65	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	3.36	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.71	3.68	2.05	0.29	0.65	0.00
california towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.71	3.68	2.05	0.00	0.65	0.00
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	4.76	0.00	0.00	3.68	0.00	0.00	0.65	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	1.19	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	4.76	0.00	0.71	3.68	2.05	0.29	0.65	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	1.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Coastal Oak Woodland	Coastal Scrub	Deciduous Orchard	Desert Wash	Eucalyptus	Evergreen Orchard
song sparrow	*Melospiza melodia*	N/A	4.76	0.00	0.71	3.68	2.05	0.00	0.65	0.00
red-winged blackbird	*Agelaius phoeniceus*	N/A	4.76	0.00	0.00	3.68	2.05	0.00	0.65	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	4.76	0.00	0.00	0.00	2.05	0.00	0.65	0.00
california gnatcatcher	*Polioptila californica*	FT	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
fork-tailed storm-petrel	*Oceanodroma furcata*	FS	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00
ashy storm-petrel	*Oceanodroma homochroa*	FS	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00
black storm-petrel	*Oceanodroma melania*	N/A	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00
Mammals										
ornate shrew	*Sorex ornatus*	N/A	4.76	0.00	0.71	3.68	0.00	0.00	0.65	0.00
broad-footed mole	*Scapanus latimanus*	N/A	4.76	0.00	0.71	3.68	2.05	0.00	0.65	0.01
yuma myotis	*Myotis yumanensis*	FS	4.76	0.00	0.71	3.68	2.05	0.29	0.65	0.01
long-eared myotis	*Myotis evotis*	FS	0.00	1.89	0.71	3.68	2.05	0.29	0.65	0.01
fringed myotis	*Myotis thysanodes*	FS	4.76	1.89	0.71	3.68	0.00	0.29	0.65	0.00
small-footed myotis	*Myotis ciliolabrum*	FS	4.76	1.89	0.71	3.68	2.05	0.00	0.65	0.01
western red bat	*Lasiurus blossevillii*	N/A	4.76	0.00	0.71	3.68	0.00	0.00	0.65	0.00
western yellow bat	*Lasiurus xanthinus*	N/A	0.00	0.00	0.10	0.00	0.00	0.05	0.00	0.00
spotted bat	*Euderma maculatum*	FS	2.73	0.00	0.26	2.86	0.00	0.05	0.48	0.00
townsend's big-eared bat	*Corynorhinus townsendii*	FS	4.76	1.89	0.71	3.68	2.05	0.29	0.65	0.01
pallid bat	*Antrozous pallidus*	FS	4.76	1.89	0.71	3.68	2.05	0.29	0.65	0.01
western mastiff bat	*Eumops perotis*	FS	4.76	1.89	0.71	3.68	2.05	0.29	0.65	0.01
brush rabbit	*Sylvilagus bachmani*	N/A	4.76	0.00	0.71	3.68	2.05	0.00	0.65	0.01
black-tailed jackrabbit	*Lepus californicus*	N/A	4.76	0.00	0.71	3.68	2.05	0.29	0.65	0.01
little pocket mouse	*Perognathus longimembris*	N/A	0.00	0.00	0.10	0.80	0.00	0.05	0.00	0.00
california pocket mouse	*Chaetodipus californicus*	N/A	4.76	0.00	0.71	3.68	0.00	0.00	0.65	0.00
deer mouse	*Peromyscus maniculatus*	N/A	4.76	1.89	0.71	3.68	2.05	0.29	0.65	0.01
southern grasshopper mouse	*Onychomys torridus*	N/A	2.67	0.00	0.00	0.80	0.00	0.05	0.00	0.00
desert woodrat	*Neotoma lepida*	N/A	0.00	0.00	0.00	3.68	0.00	0.29	0.00	0.00
california vole	*Microtus californicus*	N/A	4.76	0.00	0.71	3.68	2.05	0.00	0.65	0.01
red fox	*Vulpes vulpes*	N/A	0.32	1.46	0.00	0.00	0.00	0.00	0.00	0.01
ringtail	*Bassariscus astutus*	N/A	4.76	1.89	0.71	3.68	0.00	0.29	0.65	0.00
american badger	*Taxidea taxus*	N/A	4.76	1.89	0.71	3.68	2.05	0.29	0.65	0.01
western spotted skunk	*Spilogale gracilis*	N/A	4.76	0.00	0.71	3.68	2.05	0.00	0.65	0.01
mountain lion	*Puma concolor*	ST	1.86	0.00	0.61	2.60	1.88	0.24	0.00	0.00
guadalupe fur-seal	*Arctocephalus townsendi*	FT & ST	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00
california sea-lion	*Zalophus californianus*	N/A	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00
harbor seal	*Phoca vitulina*	N/A	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00
northern elephant seal	*Mirounga angustirostris*	N/A	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00
bighorn sheep	*Ovis canadensis*	FE & SE & ST	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	0.71	3.68	0.00	0.00	0.65	0.00
Reptiles										
blainville's horned lizard	*Phrynosoma blainvillii*	FS	4.76	0.00	0.71	3.68	0.00	0.00	0.65	0.00
western skink	*Plestiodon skiltonianus*	N/A	4.76	0.00	0.71	3.68	2.05	0.00	0.65	0.01
california legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.71	3.68	0.00	0.29	0.65	0.00
ring-necked snake	*Diadophis punctatus*	N/A	4.76	0.00	0.71	3.68	0.00	0.00	0.65	0.00
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.71	3.68	0.00	0.00	0.65	0.00
western patch-nosed snake	*Salvadora hexalepis*	N/A	3.37	1.55	0.61	3.16	0.00	0.29	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	4.76	0.00	0.71	3.68	2.05	0.29	0.65	0.01
california mountain kingsnake	*Lampropeltis zonata*	N/A	0.79	0.00	0.61	0.00	0.00	0.00	0.00	0.00
california mountain kingsnake (san diego population)	*Lampropeltis zonata pulchra*	FS	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	4.76	0.00	0.71	3.68	2.05	0.00	0.65	0.01
two-striped gartersnake	*Thamnophis hammondii*	FS	4.76	0.00	0.71	3.68	0.00	0.00	0.65	0.00
Invertebrates										
riverside fairy shrimp	*Streptocephalus woottoni*	FE	0.29	0.00	0.00	0.33	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Annual Grass	Barren	Coastal Oak Woodland	Coastal Scrub	Deciduous Orchard	Desert Wash	Eucalyptus	Evergreen Orchard
Plants										
san diego thorn-mint	*Acanthomintha ilicifolia*	FT & SE	2.83	0.00	0.00	2.97	0.00	0.00	0.00	0.00
munz's onion	*Allium munzii*	FE & ST	2.83	0.00	0.00	2.97	0.00	0.00	0.00	0.00
san diego ambrosia	*Ambrosia pumila*	FE	2.83	0.00	0.00	2.97	0.00	0.00	0.00	0.00
del mar manzanita	*Arctostaphylos glandulosa ssp. crassifolia*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marsh sandwort	*Arenaria paludicola*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
braunton's milk-vetch	*Astragalus brauntonii*	FE	4.76	0.00	0.00	3.68	0.00	0.00	0.00	0.00
ventura marsh milk-vetch	*Astragalus pycnostachyus var. lanosissimus*	FE & SE	0.00	0.00	0.00	2.97	0.00	0.00	0.00	0.00
coastal dunes milk-vetch	*Astragalus tener var. titi*	FE & SE	0.00	0.00	0.00	2.97	0.00	0.00	0.00	0.00
san jacinto valley crownscale	*Atriplex coronata var. notatior*	FE	2.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
encinitas baccharis	*Baccharis vanessae*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
nevin's barberry	*Berberis nevinii*	FE & SE	0.00	0.00	0.00	3.68	0.00	0.00	0.00	0.00
thread-leaved brodiaea	*Brodiaea filifolia*	FT & SE	2.83	0.00	0.00	2.97	0.00	0.00	0.00	0.00
dunn's mariposa lily	*Calochortus dunnii*	FS	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california jewelflower	*Caulanthus californicus*	FE & SE	1.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
salt marsh bird's-beak	*Chloropyron maritimum ssp. maritimum*	FE & SE	0.00	0.00	0.00	2.97	0.00	0.00	0.00	0.00
orcutt's spineflower	*Chorizanthe orcuttiana*	FE & SE	0.00	0.00	0.00	2.97	0.00	0.00	0.00	0.00
san fernando valley spineflower	*Chorizanthe parryi var. fernandina*	FS & SE	1.93	0.00	0.00	0.85	0.00	0.00	0.00	0.00
otay tarplant	*Deinandra conjugens*	FT & SE	2.83	0.00	0.00	2.97	0.00	0.00	0.00	0.00
gaviota tarplant	*Deinandra increscens ssp. Villosa*	FE & SE	2.14	0.00	0.00	2.97	0.00	0.00	0.00	0.00
santa susana tarplant	*Deinandra minthornii*	FS	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00
cuyamaca larkspur	*Delphinium hesperium ssp. cuyamacae*	FS	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00
beach spectaclepod	*Dithyrea maritima*	FS & ST	0.00	0.00	0.00	2.97	0.00	0.00	0.00	0.00
slender-horned spineflower	*Dodecahema leptoceras*	FE & SE	0.00	0.00	0.00	3.68	0.00	0.00	0.00	0.00
cuyamaca lake downingia	*Downingia concolor var. brevior*	SE	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00
short-leaved dudleya	*Dudleya brevifolia*	SE	0.00	0.00	0.00	2.97	0.00	0.00	0.00	0.00
marcescent dudleya	*Dudleya cymosa ssp. agourensis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marcescent dudleya	*Dudleya cymosa ssp. agourensis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa monica dudleya	*Dudleya cymosa ssp. ovatifolia*	FT	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00
conejo dudleya	*Dudleya parva*	FT	1.93	0.00	0.00	0.85	0.00	0.00	0.00	0.00
laguna beach dudleya	*Dudleya stolonifera*	FT & ST	2.14	0.00	0.00	2.97	0.00	0.00	0.00	0.00
verity's dudleya	*Dudleya verityi*	FS	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00
santa ana river woollystar	*Eriastrum densifolium ssp. sanctorum*	FE & SE	0.00	0.00	0.00	2.97	0.00	0.00	0.00	0.00
lompoc yerba santa	*Eriodictyon capitatum*	FE	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00
conejo buckwheat	*Eriogonum crocatum*	N/A	1.93	0.00	0.00	0.85	0.00	0.00	0.00	0.00
southern mountain buckwheat	*Eriogonum kennedyi var. austromontanum*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san diego button-celery	*Eryngium aristulatum var. parishii*	FE & SE	2.83	0.00	0.00	2.97	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	4.76	0.00	0.00	3.68	0.00	0.00	0.00	0.00
orcutt's hazardia	*Hazardia orcuttii*	ST	0.00	0.00	0.00	2.97	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	2.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
parish's meadowfoam	*Limnanthes alba ssp. parishii*	FS & SE	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00
willowy monardella	*Monardella viminea*	FE & SE	0.00	0.00	0.00	2.97	0.00	0.00	0.00	0.00
spreading navarretia	*Navarretia fossalis*	FT	4.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california orcutt grass	*Orcuttia californica*	FE & SE	4.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00
baja california birdbush	*Ornithostaphylos oppositifolia*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lyon's pentachaeta	*Pentachaeta lyonii*	FE & SE	4.07	0.00	0.00	3.68	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Coastal Oak Woodland	Coastal Scrub	Deciduous Orchard	Desert Wash	Eucalyptus	Evergreen Orchard
san diego mesa mint	*Pogogyne abramsii*	FE & SE	2.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
otay mesa mint	*Pogogyne nudiuscula*	FE & SE	2.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
parish's checkerbloom	*Sidalcea hickmanii ssp. parishii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa ynez false lupine	*Thermopsis macrophylla*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
big-leaved crownbeard	*Verbesina dissita*	FT & ST	0.00	0.00	0.00	2.97	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Fresh Emergent Wetland	Lacustrine	Mixed Chaparral	Pasture	Perennial Grassland	Urban	Valley Foothill Riparian
		Total:	0.37	0.49	1.69	0.01	0.06	118.19	0.28
Amphibians									
california newt	*Taricha torosa*	N/A	0.37	0.29	1.21	0.00	0.00	0.00	0.28
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	1.20	0.00	0.00	0.00	0.03
southern california slender salamander	*Batrachoseps major*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western spadefoot	*Spea hammondii*	FS	0.37	0.49	1.69	0.00	0.06	0.00	0.00
arroyo toad	*Anaxyrus californicus*	FE	0.00	0.00	0.49	0.00	0.00	0.00	0.25
foothill yellow-legged frog	*Rana boylii*	FS	0.00	0.00	0.72	0.00	0.00	0.00	0.00
california red-legged frog	*Rana draytonii*	FT	0.37	0.49	1.69	0.00	0.06	0.00	0.28
Birds									
common loon	*Gavia immer*	N/A	0.00	0.05	0.00	0.00	0.00	0.00	0.00
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.49	0.00	0.00	0.00	0.00	0.00
brown pelican	*Pelecanus occidentalis*	FS	0.00	0.05	0.00	0.00	0.00	0.00	0.00
least bittern	*Ixobrychus exilis*	N/A	0.37	0.49	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.37	0.49	0.00	0.00	0.06	118.19	0.28
great egret	*Ardea alba*	N/A	0.37	0.49	0.00	0.00	0.06	118.19	0.28
redhead	*Aythya americana*	N/A	0.00	0.12	0.00	0.00	0.00	0.00	0.00
california condor	*Gymnogyps californianus*	FE & SE	0.00	0.00	0.21	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.37	0.49	1.69	0.00	0.06	0.00	0.28
white-tailed kite	*Elanus leucurus*	FS	0.37	0.00	1.69	0.00	0.06	118.19	0.28
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.37	0.49	1.69	0.00	0.06	0.00	0.28
northern harrier	*Circus cyaneus*	N/A	0.37	0.49	1.69	0.00	0.06	118.19	0.28
golden eagle	*Aquila chrysaetos*	FS	0.00	0.00	1.20	0.01	0.00	101.49	0.03
peregrine falcon	*Falco peregrinus*	FS	0.37	0.49	1.69	0.00	0.06	118.19	0.28
california quail	*Callipepla californica*	N/A	0.00	0.00	1.69	0.00	0.06	118.19	0.28
clapper rail	*Rallus longirostris*	N/A	0.00	0.20	0.00	0.00	0.00	0.00	0.00
light-footed clapper rail	*Rallus longirostris levipes*	FE & SE	0.00	0.20	0.00	0.00	0.00	0.00	0.00
snowy plover	*Charadrius nivosus*	FT	0.00	0.49	0.00	0.00	0.00	0.00	0.00
mountain plover	*Charadrius montanus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
least tern	*Sternula antillarum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black skimmer	*Rynchops niger*	N/A	0.00	0.12	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.00	0.00	0.49	0.01	0.06	112.41	0.25
long-eared owl	*Asio otus*	N/A	0.00	0.00	0.90	0.01	0.00	0.00	0.00
short-eared owl	*Asio flammeus*	N/A	0.00	0.00	1.20	0.00	0.06	68.24	0.03
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.72	0.00	0.00	0.00	0.00
purple martin	*Progne subis*	N/A	0.00	0.00	0.00	0.00	0.00	31.34	0.00
cactus wren	*Campylorhynchus brunneicapillus*	N/A	0.00	0.00	1.69	0.00	0.00	118.19	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	1.69	0.00	0.00	118.19	0.28
marsh wren	*Cistothorus palustris*	N/A	0.37	0.00	0.00	0.00	0.00	0.00	0.28
loggerhead shrike	*Lanius ludovicianus*	N/A	0.00	0.00	1.69	0.00	0.06	118.19	0.28
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	1.69	0.00	0.00	116.47	0.28
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	1.69	0.00	0.00	118.19	0.28
common yellowthroat	*Geothlypis trichas*	N/A	0.37	0.00	0.00	0.00	0.06	0.00	0.28
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.28
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	1.69	0.00	0.00	118.19	0.28
california towhee	*Pipilo crissalis*	N/A	0.00	0.00	1.69	0.00	0.00	118.19	0.28
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.00	0.00	1.69	0.00	0.06	0.00	0.28
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.81	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.00	0.00	1.69	0.01	0.06	0.00	0.28
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.37	0.49	1.69	0.00	0.06	118.19	0.28
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.37	0.00	0.00	0.00	0.06	118.19	0.28
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.37	0.00	0.00	0.00	0.06	118.19	0.28
california gnatcatcher	*Polioptila californica*	FT	0.00	0.00	0.00	0.00	0.06	0.00	0.00

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Common Name	Species Name	Status	Fresh Emergent Wetland	Lacustrine	Mixed Chaparral	Pasture	Perennial Grassland	Urban	Valley Foothill Riparian
fork-tailed storm-petrel	*Oceanodroma furcata*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ashy storm-petrel	*Oceanodroma homochroa*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black storm-petrel	*Oceanodroma melania*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals									
ornate shrew	*Sorex ornatus*	N/A	0.37	0.00	1.69	0.00	0.06	0.00	0.28
broad-footed mole	*Scapanus latimanus*	N/A	0.00	0.00	0.00	0.01	0.06	0.00	0.28
yuma myotis	*Myotis yumanensis*	FS	0.37	0.49	1.69	0.01	0.06	118.19	0.28
long-eared myotis	*Myotis evotis*	FS	0.37	0.49	1.69	0.01	0.06	0.00	0.28
fringed myotis	*Myotis thysanodes*	FS	0.00	0.49	1.69	0.01	0.06	118.19	0.28
small-footed myotis	*Myotis ciliolabrum*	FS	0.37	0.49	1.69	0.01	0.06	118.19	0.28
western red bat	*Lasiurus blossevillii*	N/A	0.37	0.49	1.69	0.01	0.06	118.19	0.28
western yellow bat	*Lasiurus xanthinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.25
spotted bat	*Euderma maculatum*	FS	0.00	0.00	0.00	0.00	0.00	102.43	0.07
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.00	0.00	1.69	0.01	0.06	118.19	0.28
pallid bat	*Antrozous pallidus*	FS	0.00	0.00	1.69	0.01	0.06	118.19	0.28
western mastiff bat	*Eumops perotis*	FS	0.37	0.00	1.69	0.01	0.06	118.19	0.28
brush rabbit	*Sylvilagus bachmani*	N/A	0.00	0.00	1.69	0.01	0.06	118.19	0.28
black-tailed jackrabbit	*Lepus californicus*	N/A	0.00	0.00	1.69	0.01	0.06	118.19	0.28
little pocket mouse	*Perognathus longimembris*	N/A	0.00	0.00	0.49	0.00	0.00	0.00	0.00
california pocket mouse	*Chaetodipus californicus*	N/A	0.00	0.00	1.69	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.37	0.00	1.69	0.01	0.06	118.19	0.28
southern grasshopper mouse	*Onychomys torridus*	N/A	0.00	0.00	0.55	0.00	0.00	0.00	0.25
desert woodrat	*Neotoma lepida*	N/A	0.00	0.00	1.69	0.00	0.00	0.00	0.00
california vole	*Microtus californicus*	N/A	0.37	0.00	1.69	0.01	0.06	118.19	0.28
red fox	*Vulpes vulpes*	N/A	0.00	0.00	0.47	0.00	0.06	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	0.00	0.00	1.69	0.01	0.06	0.00	0.28
american badger	*Taxidea taxus*	N/A	0.00	0.00	1.69	0.01	0.06	0.00	0.28
western spotted skunk	*Spilogale gracilis*	N/A	0.00	0.00	1.69	0.01	0.06	118.19	0.28
mountain lion	*Puma concolor*	ST	0.00	0.00	1.20	0.01	0.00	0.00	0.03
guadalupe fur-seal	*Arctocephalus townsendi*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california sea-lion	*Zalophus californianus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
harbor seal	*Phoca vitulina*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern elephant seal	*Mirounga angustirostris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bighorn sheep	*Ovis canadensis*	FE & SE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	1.69	0.00	0.06	0.00	0.28
Reptiles									
blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.00	0.00	1.69	0.00	0.06	0.00	0.28
western skink	*Plestiodon skiltonianus*	N/A	0.00	0.00	1.69	0.01	0.06	0.00	0.28
california legless lizard	*Anniella pulchra*	FS	0.00	0.00	1.69	0.00	0.06	0.00	0.28
ring-necked snake	*Diadophis punctatus*	N/A	0.37	0.00	1.69	0.01	0.06	118.19	0.28
striped racer	*Coluber lateralis*	N/A	0.00	0.00	1.69	0.00	0.00	0.00	0.28
western patch-nosed snake	*Salvadora hexalepis*	N/A	0.00	0.00	1.29	0.00	0.00	0.00	0.21
gophersnake	*Pituophis catenifer*	N/A	0.37	0.00	1.69	0.01	0.06	118.19	0.28
california mountain kingsnake	*Lampropeltis zonata*	N/A	0.00	0.00	1.20	0.00	0.00	0.00	0.03
california mountain kingsnake (san diego population)	*Lampropeltis zonata pulchra*	FS	0.00	0.00	0.47	0.00	0.00	0.00	0.03
common gartersnake	*Thamnophis sirtalis*	N/A	0.37	0.49	1.69	0.01	0.06	0.00	0.28
two-striped gartersnake	*Thamnophis hammondii*	FS	0.37	0.49	1.69	0.00	0.00	0.00	0.28
Invertebrates									
riverside fairy shrimp	*Streptocephalus woottoni*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants									
san diego thorn-mint	*Acanthomintha ilicifolia*	FT & SE	0.00	0.00	0.86	0.00	0.00	0.00	0.00
munz's onion	*Allium munzii*	FE & ST	0.00	0.00	0.86	0.00	0.00	0.00	0.00
san diego ambrosia	*Ambrosia pumila*	FE	0.00	0.00	0.86	0.00	0.00	0.00	0.00

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del mar manzanita	*Arctostaphylos glandulosa ssp. crassifolia*	FE	0.00	0.00	0.86	0.00	0.00	0.00	0.00
marsh sandwort	*Arenaria paludicola*	FE & SE	0.37	0.00	0.00	0.00	0.00	0.00	0.00
braunton's milk-vetch	*Astragalus brauntonii*	FE	0.00	0.00	1.69	0.00	0.00	0.00	0.00
ventura marsh milk-vetch	*Astragalus pycnostachyus var. lanosissimus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coastal dunes milk-vetch	*Astragalus tener var. titi*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san jacinto valley crownscale	*Atriplex coronata var. notatior*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
encinitas baccharis	*Baccharis vanessae*	FT & SE	0.00	0.00	0.86	0.00	0.00	0.00	0.00
nevin's barberry	*Berberis nevinii*	FE & SE	0.00	0.00	1.69	0.00	0.00	0.00	0.00
thread-leaved brodiaea	*Brodiaea filifolia*	FT & SE	0.00	0.00	0.86	0.00	0.00	0.00	0.00
dunn's mariposa lily	*Calochortus dunnii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california jewelflower	*Caulanthus californicus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
salt marsh bird's-beak	*Chloropyron maritimum ssp. maritimum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
orcutt's spineflower	*Chorizanthe orcuttiana*	FE & SE	0.00	0.00	0.86	0.00	0.00	0.00	0.00
san fernando valley spineflower	*Chorizanthe parryi var. fernandina*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
otay tarplant	*Deinandra conjugens*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gaviota tarplant	*Deinandra increscens ssp. Villosa*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa susana tarplant	*Deinandra minthornii*	FS	0.00	0.00	1.00	0.00	0.00	0.00	0.00
cuyamaca larkspur	*Delphinium hesperium ssp. cuyamacae*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
beach spectaclepod	*Dithyrea maritima*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender-horned spineflower	*Dodecahema leptoceras*	FE & SE	0.00	0.00	1.69	0.00	0.00	0.00	0.00
cuyamaca lake downingia	*Downingia concolor var. brevior*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
short-leaved dudleya	*Dudleya brevifolia*	SE	0.00	0.00	0.86	0.00	0.00	0.00	0.00
marcescent dudleya	*Dudleya cymosa ssp. agourensis*	FT	0.00	0.00	1.00	0.00	0.00	0.00	0.00
marcescent dudleya	*Dudleya cymosa ssp. agourensis*	FT	0.00	0.00	1.00	0.00	0.00	0.00	0.00
santa monica dudleya	*Dudleya cymosa ssp. ovatifolia*	FT	0.00	0.00	1.00	0.00	0.00	0.00	0.00
conejo dudleya	*Dudleya parva*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
laguna beach dudleya	*Dudleya stolonifera*	FT & ST	0.00	0.00	0.86	0.00	0.00	0.00	0.00
verity's dudleya	*Dudleya verityi*	FS	0.00	0.00	1.00	0.00	0.00	0.00	0.00
santa ana river woollystar	*Eriastrum densifolium ssp. sanctorum*	FE & SE	0.00	0.00	0.86	0.00	0.00	0.00	0.00
lompoc yerba santa	*Eriodictyon capitatum*	FE	0.00	0.00	1.00	0.00	0.00	0.00	0.00
conejo buckwheat	*Eriogonum crocatum*	N/A	0.00	0.00	1.00	0.00	0.00	0.00	0.00
southern mountain buckwheat	*Eriogonum kennedyi var. austromontanum*	FT	0.00	0.00	1.00	0.00	0.00	93.46	0.00
san diego button-celery	*Eryngium aristulatum var. parishii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
orcutt's hazardia	*Hazardia orcuttii*	ST	0.00	0.00	0.86	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
parish's meadowfoam	*Limnanthes alba ssp. parishii*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
willowy monardella	*Monardella viminea*	FE & SE	0.00	0.00	0.86	0.00	0.00	0.00	0.25
spreading navarretia	*Navarretia fossalis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california orcutt grass	*Orcuttia californica*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
baja california birdbush	*Ornithostaphylos oppositifolia*	SE	0.00	0.00	0.86	0.00	0.00	0.00	0.00
lyon's pentachaeta	*Pentachaeta lyonii*	FE & SE	0.00	0.00	1.69	0.00	0.00	0.00	0.00
san diego mesa mint	*Pogogyne abramsii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
otay mesa mint	*Pogogyne nudiuscula*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
parish's checkerbloom	*Sidalcea hickmanii ssp. parishii*	FS	0.00	0.00	1.00	0.00	0.00	0.00	0.00
santa ynez false lupine	*Thermopsis macrophylla*	FS	0.00	0.00	1.00	0.00	0.00	0.00	0.00
big-leaved crownbeard	*Verbesina dissita*	FT & ST	0.00	0.00	0.86	0.00	0.00	0.00	0.00

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Units are in acres

Caltrans District 7 – Southern California Mountains and Valleys Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Chamise - Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Desert Wash	Eastside Pine	Jeffrey Pine	Lacustrine	Mixed Chaparral
		Total:	2.02	2.74	0.15	0.50	2.18	0.07	0.13	0.04	0.03	4.15
Amphibians												
california newt	*Taricha torosa*	N/A	0.06	0.00	0.00	0.06	0.55	0.00	0.00	0.00	0.00	1.49
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.00	0.50	2.18	0.00	0.00	0.00	0.00	4.15
southern california slender salamander	*Batrachoseps major*	N/A	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western spadefoot	*Spea hammondii*	FS	1.70	0.00	0.01	0.50	1.82	0.00	0.00	0.00	0.00	1.77
arroyo toad	*Anaxyrus californicus*	FE	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.03	4.01
foothill yellow-legged frog	*Rana boylii*	FS	0.19	0.00	0.14	0.24	0.08	0.00	0.00	0.00	0.00	1.32
southern mountain yellow-legged frog	*Rana muscosa*	FE & FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
san gabriel slender salamander	*Batrachoseps gabrieli*	FS	0.00	1.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california red-legged frog	*Rana draytonii*	FT	2.02	0.00	0.00	0.50	2.18	0.00	0.00	0.00	0.03	4.15
Birds												
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	2.72	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
great blue heron	*Ardea herodias*	N/A	2.02	0.00	0.00	0.50	2.18	0.00	0.13	0.00	0.03	0.00
great egret	*Ardea alba*	N/A	1.70	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00
california condor	*Gymnogyps californianus*	FE & SE	1.41	0.09	0.15	0.39	0.62	0.00	0.00	0.00	0.03	2.61
osprey	*Pandion haliaetus*	FS	1.70	2.67	0.00	0.50	0.00	0.07	0.13	0.04	0.00	2.89
white-tailed kite	*Elanus leucurus*	FS	2.02	1.95	0.15	0.44	1.67	0.00	0.00	0.00	0.00	2.61
bald eagle	*Haliaeetus leucocephalus*	FS & SE	2.02	2.74	0.15	0.50	2.18	0.00	0.13	0.04	0.03	4.15
northern harrier	*Circus cyaneus*	N/A	2.02	1.98	0.15	0.50	2.12	0.01	0.05	0.00	0.03	3.94
northern goshawk	*Accipiter gentilis*	FS	0.00	0.00	0.14	0.00	0.00	0.00	0.13	0.04	0.00	0.36
golden eagle	*Aquila chrysaetos*	FS	2.02	2.74	0.15	0.50	2.18	0.07	0.13	0.04	0.00	4.15
peregrine falcon	*Falco peregrinus*	FS	2.02	2.74	0.15	0.50	2.18	0.00	0.13	0.04	0.03	4.15
california quail	*Callipepla californica*	N/A	2.02	0.00	0.15	0.50	2.18	0.07	0.13	0.00	0.00	4.15
burrowing owl	*Athene cunicularia*	FS	0.20	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.30	0.00	0.00	0.13	0.04	0.00	0.00
california spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.00	0.00	0.30	0.00	0.00	0.13	0.04	0.00	0.00
long-eared owl	*Asio otus*	N/A	2.02	0.00	0.15	0.50	0.00	0.00	0.13	0.00	0.00	4.15
black swift	*Cypseloides niger*	N/A	0.00	0.98	0.00	0.06	0.00	0.00	0.00	0.00	0.00	1.19
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.15	0.00	0.00	0.00	0.13	0.04	0.00	3.51
purple martin	*Progne subis*	N/A	0.61	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00
cactus wren	*Campylorhynchus brunneicapillus*	N/A	0.00	0.00	0.00	0.00	2.18	0.07	0.00	0.00	0.00	4.15
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.15	0.50	2.18	0.07	0.00	0.00	0.00	4.15
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	2.02	2.74	0.15	0.50	2.18	0.07	0.13	0.04	0.00	4.15
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.14	0.50	0.54	0.00	0.00	0.00	0.00	2.21
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.15	0.50	2.18	0.07	0.13	0.04	0.00	4.15
common yellowthroat	*Geothlypis trichas*	N/A	2.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	1.67	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.15	0.50	2.18	0.07	0.13	0.04	0.00	4.15
california towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.15	0.50	2.18	0.00	0.00	0.00	0.00	4.15
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	2.02	0.00	0.15	0.00	2.12	0.00	0.00	0.00	0.00	3.90
vesper sparrow	*Pooecetes gramineus*	N/A	0.61	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	0.61	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.15	0.00	2.18	0.00	0.13	0.00	0.00	4.15
savannah sparrow	*Passerculus sandwichensis*	N/A	2.02	0.00	0.15	0.50	2.18	0.07	0.00	0.00	0.00	4.15
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Annual Grass	Barren	Chamise - Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Desert Wash	Eastside Pine	Jeffrey Pine	Lacustrine	Mixed Chaparral
song sparrow	*Melospiza melodia*	N/A	2.02	0.00	0.15	0.50	2.18	0.00	0.13	0.04	0.03	4.15
red-winged blackbird	*Agelaius phoeniceus*	N/A	2.02	0.00	0.00	0.00	2.18	0.00	0.00	0.00	0.00	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals												
ornate shrew	*Sorex ornatus*	N/A	2.02	0.00	0.00	0.50	2.18	0.00	0.00	0.00	0.00	4.15
broad-footed mole	*Scapanus latimanus*	N/A	2.02	0.00	0.00	0.50	2.18	0.00	0.13	0.04	0.00	0.00
yuma myotis	*Myotis yumanensis*	FS	2.02	0.00	0.15	0.50	2.18	0.07	0.13	0.04	0.03	4.15
long-eared myotis	*Myotis evotis*	FS	0.00	2.74	0.15	0.50	2.18	0.07	0.13	0.04	0.03	4.15
fringed myotis	*Myotis thysanodes*	FS	2.02	2.74	0.15	0.50	2.18	0.07	0.13	0.04	0.03	4.15
small-footed myotis	*Myotis ciliolabrum*	FS	2.02	2.74	0.15	0.50	2.18	0.00	0.13	0.04	0.03	4.15
western red bat	*Lasiurus blossevillii*	N/A	2.02	0.00	0.15	0.44	1.83	0.00	0.00	0.00	0.03	3.20
western yellow bat	*Lasiurus xanthinus*	N/A	0.00	0.00	0.00	0.11	0.00	0.05	0.00	0.00	0.00	0.00
spotted bat	*Euderma maculatum*	FS	2.02	0.00	0.00	0.26	2.16	0.07	0.13	0.04	0.00	0.00
townsend's big-eared bat	*Corynorhinus townsendii*	FS	2.02	2.74	0.15	0.50	2.18	0.07	0.13	0.04	0.00	4.15
pallid bat	*Antrozous pallidus*	FS	2.02	2.74	0.15	0.50	2.18	0.07	0.13	0.04	0.00	4.15
western mastiff bat	*Eumops perotis*	FS	2.02	2.74	0.15	0.50	2.18	0.07	0.00	0.00	0.00	4.15
brush rabbit	*Sylvilagus bachmani*	N/A	2.02	0.00	0.15	0.50	2.12	0.00	0.00	0.00	0.00	3.90
black-tailed jackrabbit	*Lepus californicus*	N/A	2.02	0.00	0.15	0.50	2.18	0.07	0.05	0.00	0.00	4.14
lodgepole chipmunk	*Tamias speciosus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.02	0.00	0.00
san bernardino flying squirrel	*Glaucomys sabrinus californicus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.02	0.00	0.00
little pocket mouse	*Perognathus longimembris*	N/A	0.00	0.00	0.00	0.26	1.50	0.00	0.00	0.00	0.00	1.29
san joaquin pocket mouse	*Perognathus inornatus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
san diego pocket mouse	*Chaetodipus fallax*	N/A	0.61	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.04
california pocket mouse	*Chaetodipus californicus*	N/A	2.02	0.00	0.15	0.50	2.18	0.00	0.00	0.00	0.00	4.15
stephens' kangaroo rat	*Dipodomys stephensi*	FE & ST	0.61	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	2.02	2.74	0.15	0.50	2.18	0.07	0.13	0.04	0.00	4.15
southern grasshopper mouse	*Onychomys torridus*	N/A	2.02	0.00	0.00	0.00	2.16	0.07	0.00	0.00	0.00	3.03
desert woodrat	*Neotoma lepida*	N/A	0.00	0.00	0.15	0.00	2.18	0.07	0.00	0.00	0.00	4.15
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	0.14	0.24	0.01	0.00	0.00	0.00	0.00	0.77
california vole	*Microtus californicus*	N/A	2.02	0.00	0.00	0.50	2.18	0.00	0.13	0.00	0.00	4.15
red fox	*Vulpes vulpes*	N/A	0.00	0.02	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.22
ringtail	*Bassariscus astutus*	N/A	2.02	2.74	0.15	0.50	2.18	0.07	0.13	0.04	0.00	4.15
american badger	*Taxidea taxus*	N/A	2.02	2.74	0.15	0.50	2.18	0.07	0.13	0.04	0.00	4.15
western spotted skunk	*Spilogale gracilis*	N/A	2.02	0.00	0.15	0.50	2.18	0.00	0.13	0.04	0.00	4.15
mountain lion	*Puma concolor*	ST	2.02	0.00	0.15	0.50	2.18	0.07	0.13	0.04	0.00	4.15
bighorn sheep	*Ovis canadensis*	FE & SE & ST	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	0.01	0.26	2.16	0.00	0.00	0.00	0.00	3.39
Reptiles												
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.04	0.00	3.12
blainville's horned lizard	*Phrynosoma blainvillii*	FS	2.02	0.00	0.15	0.50	2.18	0.00	0.00	0.00	0.00	4.15
desert night lizard	*Xantusia vigilis*	FS	1.41	0.00	0.00	0.00	0.00	0.07	0.13	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	2.02	0.00	0.15	0.50	2.18	0.00	0.00	0.00	0.00	4.15
california legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.15	0.50	2.18	0.07	0.00	0.00	0.00	4.15
ring-necked snake	*Diadophis punctatus*	N/A	2.02	0.00	0.15	0.50	2.18	0.00	0.00	0.00	0.00	4.11
coachwhip	*Coluber flagellum*	N/A	2.02	0.00	0.15	0.50	2.18	0.07	0.00	0.00	0.00	4.15
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.15	0.50	2.18	0.00	0.00	0.00	0.00	4.15

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western patch-nosed snake	*Salvadora hexalepis*	N/A	2.02	2.74	0.15	0.50	2.18	0.07	0.00	0.00	0.00	4.15
gophersnake	*Pituophis catenifer*	N/A	2.02	0.00	0.15	0.50	2.18	0.07	0.13	0.04	0.00	4.15
california mountain kingsnake	*Lampropeltis zonata*	N/A	0.03	0.00	0.00	0.45	0.00	0.00	0.00	0.04	0.00	2.24
california mountain kingsnake (san bernardino population)	*Lampropeltis zonata parviruba*	FS	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.04	0.00	1.54
common gartersnake	*Thamnophis sirtalis*	N/A	1.89	0.00	0.15	0.50	2.12	0.00	0.00	0.00	0.03	3.34
red diamond rattlesnake	*Crotalus ruber*	FS	0.61	0.00	0.00	0.05	0.04	0.00	0.00	0.00	0.00	0.00
two-striped gartersnake	*Thamnophis hammondii*	FS	2.02	0.00	0.15	0.50	2.18	0.00	0.00	0.04	0.03	4.15
Plants												
san diego thorn-mint	*Acanthomintha ilicifolia*	FT & SE	0.61	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.10
munz's onion	*Allium munzii*	FE & ST	0.61	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.10
san diego ambrosia	*Ambrosia pumila*	FE	0.61	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.10
del mar manzanita	*Arctostaphylos glandulosa ssp. crassifolia*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
braunton's milk-vetch	*Astragalus brauntonii*	FE	2.02	0.00	0.00	0.00	2.18	0.00	0.00	0.00	0.00	4.15
ventura marsh milk-vetch	*Astragalus pycnostachyus var. lanosissimus*	FE & SE	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00
coastal dunes milk-vetch	*Astragalus tener var. titi*	FE & SE	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00
san jacinto valley crownscale	*Atriplex coronata var. notatior*	FE	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
encinitas baccharis	*Baccharis vanessae*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
nevin's barberry	*Berberis nevinii*	FE & SE	0.00	0.00	0.00	0.00	2.18	0.00	0.00	0.00	0.00	4.15
thread-leaved brodiaea	*Brodiaea filifolia*	FT & SE	0.61	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.10
dunn's mariposa lily	*Calochortus dunnii*	FS	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mt. gleason paintbrush	*Castilleja gleasoni*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.45
california jewelflower	*Caulanthus californicus*	FE & SE	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
salt marsh bird's-beak	*Chloropyron maritimum ssp. maritimum*	FE & SE	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00
orcutt's spineflower	*Chorizanthe orcuttiana*	FE & SE	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.10
san fernando valley spineflower	*Chorizanthe parryi var. fernandina*	FS & SE	1.41	0.00	0.00	0.00	1.62	0.00	0.00	0.00	0.00	0.00
otay tarplant	*Deinandra conjugens*	FT & SE	0.61	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00
gaviota tarplant	*Deinandra increscens ssp. Villosa*	FE & SE	0.20	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00
santa susana tarplant	*Deinandra minthornii*	FS	0.00	0.00	0.00	0.00	1.62	0.00	0.00	0.00	0.00	2.61
mojave tarplant	*Deinandra mohavensis*	FS & SE	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
cuyamaca larkspur	*Delphinium hesperium ssp. cuyamacae*	FS	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
beach spectaclepod	*Dithyrea maritima*	FS & ST	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00
slender-horned spineflower	*Dodecahema leptoceras*	FE & SE	0.00	0.00	0.00	0.00	2.18	0.00	0.00	0.00	0.00	4.15
cuyamaca lake downingia	*Downingia concolor var. brevior*	SE	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
short-leaved dudleya	*Dudleya brevifolia*	SE	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.10
marcescent dudleya	*Dudleya cymosa ssp. agourensis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.61
marcescent dudleya	*Dudleya cymosa ssp. agourensis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.61
santa monica dudleya	*Dudleya cymosa ssp. ovatifolia*	FT	0.00	0.00	0.00	0.00	1.62	0.00	0.00	0.00	0.00	2.61
conejo dudleya	*Dudleya parva*	FT	1.41	0.00	0.00	0.00	1.62	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Chamise - Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Desert Wash	Eastside Pine	Jeffrey Pine	Lacustrine	Mixed Chaparral
laguna beach dudleya	*Dudleya stolonifera*	FT & ST	0.20	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.10
verity's dudleya	*Dudleya verityi*	FS	0.00	0.00	0.00	0.00	1.62	0.00	0.00	0.00	0.00	2.61
santa ana river woollystar	*Eriastrum densifolium ssp. sanctorum*	FE & SE	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.10
lompoc yerba santa	*Eriodictyon capitatum*	FE	0.00	0.00	0.00	0.00	1.62	0.00	0.00	0.00	0.00	2.61
conejo buckwheat	*Eriogonum crocatum*	N/A	1.41	0.00	0.00	0.00	1.62	0.00	0.00	0.00	0.00	2.61
southern mountain buckwheat	*Eriogonum kennedyi var. austromontanum*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.61
san diego button-celery	*Eryngium aristulatum var. parishii*	FE & SE	0.61	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	2.02	0.00	0.00	0.00	2.18	0.00	0.00	0.00	0.00	0.00
orcutt's hazardia	*Hazardia orcuttii*	ST	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.10
contra costa goldfields	*Lasthenia conjugens*	FE	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
parish's meadowfoam	*Limnanthes alba ssp. parishii*	FS & SE	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
willowy monardella	*Monardella viminea*	FE & SE	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.10
spreading navarretia	*Navarretia fossalis*	FT	2.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california orcutt grass	*Orcuttia californica*	FE & SE	2.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
baja california birdbush	*Ornithostaphylos oppositifolia*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
lyon's pentachaeta	*Pentachaeta lyonii*	FE & SE	1.61	0.00	0.00	0.00	1.83	0.00	0.00	0.00	0.00	2.70
san diego mesa mint	*Pogogyne abramsii*	FE & SE	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
otay mesa mint	*Pogogyne nudiuscula*	FE & SE	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
small-leaved rose	*Rosa minutifolia*	SE	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
parish's checkerbloom	*Sidalcea hickmanii ssp. parishii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.61
santa ynez false lupine	*Thermopsis macrophylla*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.61
big-leaved crownbeard	*Verbesina dissita*	FT & ST	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.10

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Units are in acres

Common Name	Species Name	Status	Montane Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Pasture	Pinyon-Juniper	Sagebrush	Sierran Mixed Conifer	Urban	Valley Foothill Riparian
		Total:	0.25	0.50	0.24	0.25	0.02	0.24	0.38	11.42	0.91
Amphibians											
california newt	*Taricha torosa*	N/A	0.00	0.00	0.20	0.00	0.00	0.00	0.13	0.00	0.18
ensatina	*Ensatina eschscholtzii*	N/A	0.25	0.50	0.24	0.00	0.00	0.00	0.38	0.00	0.91
southern california slender salamander	*Batrachoseps major*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western spadefoot	*Spea hammondii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
arroyo toad	*Anaxyrus californicus*	FE	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.83
foothill yellow-legged frog	*Rana boylii*	FS	0.08	0.39	0.20	0.00	0.00	0.00	0.13	0.00	0.65
southern mountain yellow-legged frog	*Rana muscosa*	FE & FS & SE	0.00	0.49	0.23	0.00	0.00	0.00	0.38	0.00	0.00
san gabriel slender salamander	*Batrachoseps gabrieli*	FS	0.00	0.49	0.20	0.00	0.00	0.00	0.13	0.00	0.00
california red-legged frog	*Rana draytonii*	FT	0.00	0.50	0.24	0.00	0.00	0.00	0.00	0.00	0.91
Birds											
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.00	0.50	0.24	0.00	0.02	0.00	0.38	11.42	0.91
great egret	*Ardea alba*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.06	0.65
california condor	*Gymnogyps californianus*	FE & SE	0.00	0.00	0.00	0.00	0.02	0.06	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.25	0.50	0.24	0.00	0.00	0.20	0.38	0.00	0.91
white-tailed kite	*Elanus leucurus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.14	0.65
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.25	0.50	0.24	0.00	0.02	0.24	0.38	0.00	0.91
northern harrier	*Circus cyaneus*	N/A	0.00	0.11	0.01	0.00	0.02	0.24	0.15	11.02	0.88
northern goshawk	*Accipiter gentilis*	FS	0.25	0.40	0.24	0.00	0.00	0.18	0.38	0.00	0.14
golden eagle	*Aquila chrysaetos*	FS	0.25	0.50	0.24	0.25	0.02	0.24	0.38	11.42	0.91
peregrine falcon	*Falco peregrinus*	FS	0.25	0.50	0.24	0.00	0.02	0.24	0.38	11.42	0.91
california quail	*Callipepla californica*	N/A	0.25	0.50	0.24	0.00	0.02	0.24	0.38	11.42	0.91
burrowing owl	*Athene cunicularia*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.15	0.00
spotted owl	*Strix occidentalis*	N/A	0.00	0.50	0.24	0.00	0.00	0.00	0.38	0.00	0.91
california spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.50	0.24	0.00	0.00	0.00	0.38	0.00	0.91
long-eared owl	*Asio otus*	N/A	0.25	0.50	0.24	0.25	0.00	0.24	0.38	0.00	0.91
black swift	*Cypseloides niger*	N/A	0.08	0.49	0.20	0.00	0.00	0.00	0.13	0.95	0.18
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.50	0.24	0.00	0.00	0.00	0.38	0.00	0.00
purple martin	*Progne subis*	N/A	0.00	0.49	0.23	0.00	0.00	0.00	0.22	4.15	0.20
cactus wren	*Campylorhynchus brunneicapillus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.42	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.25	0.50	0.24	0.00	0.02	0.00	0.00	11.42	0.91
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83
loggerhead shrike	*Lanius ludovicianus*	N/A	0.00	0.50	0.24	0.00	0.02	0.24	0.00	11.42	0.91
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.10	0.00	0.00	0.00	0.00	0.00	5.48	0.83
yellow warbler	*Setophaga petechia*	N/A	0.25	0.50	0.24	0.00	0.00	0.00	0.38	11.42	0.91
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65
spotted towhee	*Pipilo maculatus*	N/A	0.25	0.50	0.24	0.00	0.02	0.24	0.38	11.42	0.91
california towhee	*Pipilo crissalis*	N/A	0.25	0.50	0.24	0.00	0.00	0.00	0.00	11.42	0.91
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.83
vesper sparrow	*Pooecetes gramineus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.25	0.00	0.00	0.00	0.02	0.24	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.00	0.00	0.00	0.25	0.02	0.24	0.00	0.00	0.91
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.00	0.50	0.24	0.00	0.02	0.00	0.38	11.42	0.91
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.42	0.91

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Common Name	Species Name	Status	Montane Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Pasture	Pinyon-Juniper	Sagebrush	Sierran Mixed Conifer	Urban	Valley Foothill Riparian
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.21	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals											
ornate shrew	*Sorex ornatus*	N/A	0.25	0.00	0.24	0.00	0.00	0.00	0.38	0.00	0.91
broad-footed mole	*Scapanus latimanus*	N/A	0.00	0.50	0.24	0.25	0.00	0.00	0.38	0.00	0.91
yuma myotis	*Myotis yumanensis*	FS	0.25	0.50	0.24	0.25	0.02	0.24	0.38	11.42	0.91
long-eared myotis	*Myotis evotis*	FS	0.25	0.50	0.24	0.25	0.02	0.24	0.38	0.00	0.91
fringed myotis	*Myotis thysanodes*	FS	0.25	0.50	0.24	0.25	0.02	0.24	0.38	11.42	0.91
small-footed myotis	*Myotis ciliolabrum*	FS	0.25	0.50	0.24	0.25	0.02	0.24	0.38	11.42	0.91
western red bat	*Lasiurus blossevillii*	N/A	0.00	0.00	0.00	0.25	0.02	0.00	0.00	10.36	0.83
western yellow bat	*Lasiurus xanthinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18
spotted bat	*Euderma maculatum*	FS	0.25	0.00	0.24	0.00	0.00	0.18	0.38	9.75	0.26
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.25	0.50	0.24	0.25	0.02	0.24	0.38	11.42	0.91
pallid bat	*Antrozous pallidus*	FS	0.25	0.50	0.24	0.25	0.02	0.24	0.38	11.42	0.91
western mastiff bat	*Eumops perotis*	FS	0.25	0.50	0.24	0.25	0.02	0.00	0.00	11.42	0.91
brush rabbit	*Sylvilagus bachmani*	N/A	0.00	0.11	0.00	0.25	0.00	0.00	0.00	10.89	0.83
black-tailed jackrabbit	*Lepus californicus*	N/A	0.08	0.50	0.21	0.25	0.02	0.24	0.28	11.35	0.88
lodgepole chipmunk	*Tamias speciosus*	N/A	0.17	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.00	0.04	0.00	0.00	0.00	0.10	0.00	0.08
san bernardino flying squirrel	*Glaucomys sabrinus californicus*	FS	0.00	0.00	0.04	0.00	0.00	0.00	0.10	0.00	0.08
little pocket mouse	*Perognathus longimembris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin pocket mouse	*Perognathus inornatus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san diego pocket mouse	*Chaetodipus fallax*	N/A	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00
california pocket mouse	*Chaetodipus californicus*	N/A	0.25	0.50	0.00	0.00	0.00	0.24	0.00	0.00	0.00
stephens' kangaroo rat	*Dipodomys stephensi*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.25	0.50	0.24	0.25	0.02	0.24	0.38	11.42	0.91
southern grasshopper mouse	*Onychomys torridus*	N/A	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.26
desert woodrat	*Neotoma lepida*	N/A	0.25	0.50	0.24	0.00	0.02	0.24	0.00	0.00	0.00
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.65
california vole	*Microtus californicus*	N/A	0.25	0.50	0.24	0.25	0.00	0.24	0.38	11.42	0.91
red fox	*Vulpes vulpes*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	0.25	0.50	0.24	0.25	0.02	0.24	0.38	0.00	0.91
american badger	*Taxidea taxus*	N/A	0.25	0.50	0.24	0.25	0.02	0.24	0.38	0.00	0.91
western spotted skunk	*Spilogale gracilis*	N/A	0.25	0.50	0.24	0.25	0.02	0.24	0.38	11.42	0.91
mountain lion	*Puma concolor*	ST	0.25	0.50	0.24	0.25	0.02	0.24	0.38	0.00	0.91
bighorn sheep	*Ovis canadensis*	FE & SE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	0.25	0.50	0.24	0.00	0.00	0.18	0.38	0.00	0.26
Reptiles											
common sagebrush lizard	*Sceloporus graciosus*	FS	0.25	0.50	0.24	0.00	0.02	0.24	0.38	0.00	0.00
blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.91
desert night lizard	*Xantusia vigilis*	FS	0.00	0.00	0.00	0.00	0.02	0.22	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.25	0.50	0.24	0.25	0.02	0.00	0.38	0.00	0.91
california legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91
ring-necked snake	*Diadophis punctatus*	N/A	0.00	0.48	0.15	0.25	0.00	0.00	0.08	11.11	0.91
coachwhip	*Coluber flagellum*	N/A	0.00	0.00	0.00	0.25	0.02	0.24	0.00	0.00	0.91
striped racer	*Coluber lateralis*	N/A	0.25	0.50	0.24	0.00	0.00	0.00	0.38	0.00	0.91
western patch-nosed snake	*Salvadora hexalepis*	N/A	0.25	0.00	0.00	0.00	0.02	0.24	0.00	0.00	0.91
gophersnake	*Pituophis catenifer*	N/A	0.25	0.50	0.24	0.25	0.02	0.24	0.38	11.42	0.91

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Montane Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Pasture	Pinyon-Juniper	Sagebrush	Sierran Mixed Conifer	Urban	Valley Foothill Riparian
california mountain kingsnake	*Lampropeltis zonata*	N/A	0.25	0.50	0.24	0.00	0.00	0.00	0.38	0.00	0.91
california mountain kingsnake (san bernardino population)	*Lampropeltis zonata parviruba*	FS	0.25	0.50	0.24	0.00	0.00	0.00	0.38	0.00	0.26
common gartersnake	*Thamnophis sirtalis*	N/A	0.00	0.10	0.00	0.25	0.02	0.06	0.00	0.00	0.83
red diamond rattlesnake	*Crotalus ruber*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
two-striped gartersnake	*Thamnophis hammondii*	FS	0.25	0.50	0.24	0.00	0.00	0.00	0.00	0.00	0.91
Plants											
san diego thorn-mint	*Acanthomintha ilicifolia*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
munz's onion	*Allium munzii*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san diego ambrosia	*Ambrosia pumila*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
del mar manzanita	*Arctostaphylos glandulosa ssp. crassifolia*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
braunton's milk-vetch	*Astragalus brauntonii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ventura marsh milk-vetch	*Astragalus pycnostachyus var. lanosissimus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coastal dunes milk-vetch	*Astragalus tener var. titi*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san jacinto valley crownscale	*Atriplex coronata var. notatior*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
encinitas baccharis	*Baccharis vanessae*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
nevin's barberry	*Berberis nevinii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
thread-leaved brodiaea	*Brodiaea filifolia*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dunn's mariposa lily	*Calochortus dunnii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mt. gleason paintbrush	*Castilleja gleasoni*	FS	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00
california jewelflower	*Caulanthus californicus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
salt marsh bird's-beak	*Chloropyron maritimum ssp. maritimum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
orcutt's spineflower	*Chorizanthe orcuttiana*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san fernando valley spineflower	*Chorizanthe parryi var. fernandina*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
otay tarplant	*Deinandra conjugens*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gaviota tarplant	*Deinandra increscens ssp. Villosa*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa susana tarplant	*Deinandra minthornii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mojave tarplant	*Deinandra mohavensis*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cuyamaca larkspur	*Delphinium hesperium ssp. cuyamacae*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
beach spectaclepod	*Dithyrea maritima*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender-horned spineflower	*Dodecahema leptoceras*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cuyamaca lake downingia	*Downingia concolor var. brevior*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
short-leaved dudleya	*Dudleya brevifolia*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marcescent dudleya	*Dudleya cymosa ssp. agourensis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marcescent dudleya	*Dudleya cymosa ssp. agourensis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa monica dudleya	*Dudleya cymosa ssp. ovatifolia*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
conejo dudleya	*Dudleya parva*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
laguna beach dudleya	*Dudleya stolonifera*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
verity's dudleya	*Dudleya verityi*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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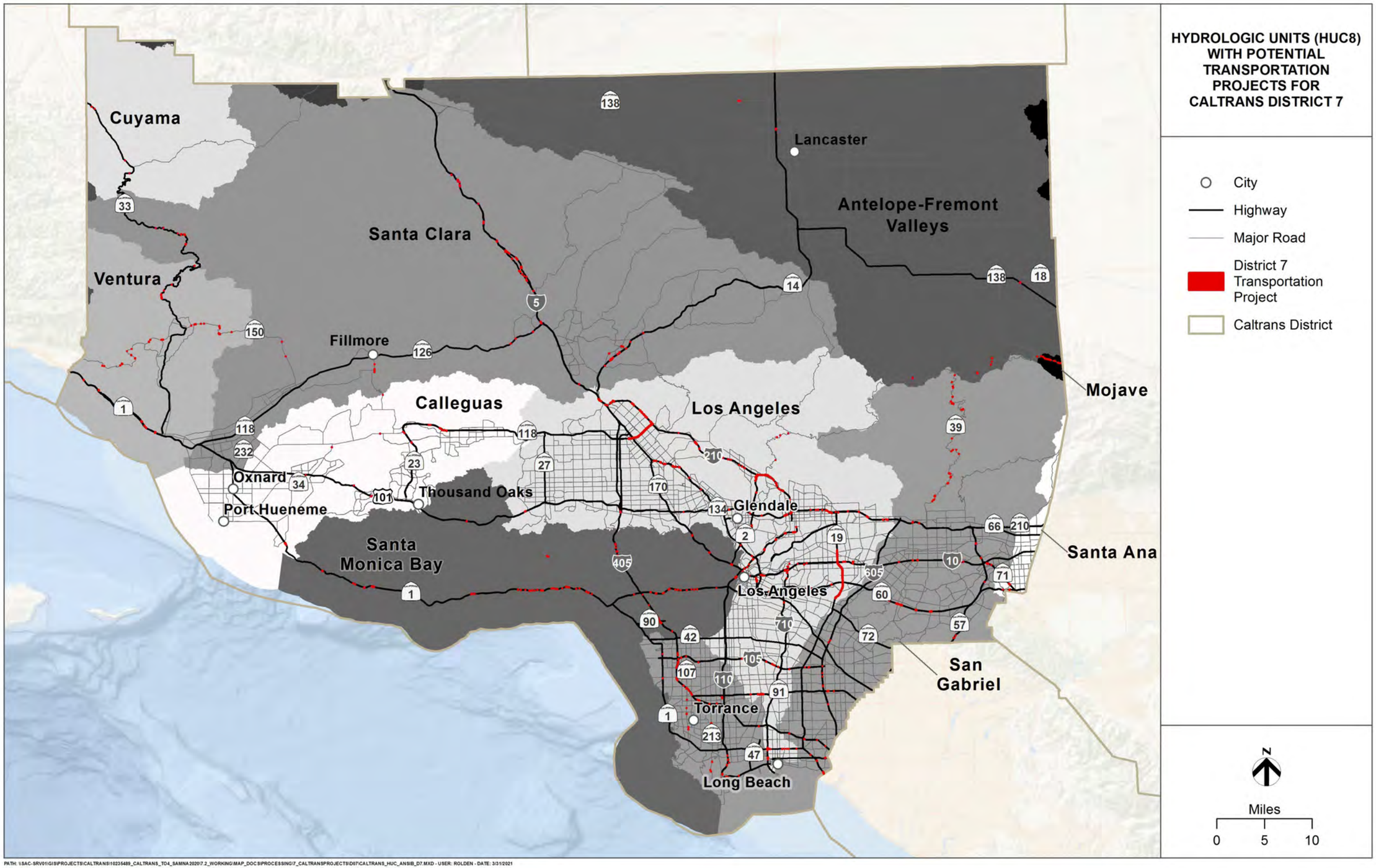
Units are in acres

Common Name	Species Name	Status	Montane Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Pasture	Pinyon-Juniper	Sagebrush	Sierran Mixed Conifer	Urban	Valley Foothill Riparian
santa ana river woollystar	*Eriastrum densifolium ssp. sanctorum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lompoc yerba santa	*Eriodictyon capitatum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
conejo buckwheat	*Eriogonum crocatum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
southern mountain buckwheat	*Eriogonum kennedyi var. austromontanum*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.02	0.00
san diego button-celery	*Eryngium aristulatum var. parishii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
orcutt's hazardia	*Hazardia orcuttii*	ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
parish's meadowfoam	*Limnanthes alba ssp. parishii*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
willowy monardella	*Monardella viminea*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18
spreading navarretia	*Navarretia fossalis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california orcutt grass	*Orcuttia californica*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
baja california birdbush	*Ornithostaphylos oppositifolia*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lyon's pentachaeta	*Pentachaeta lyonii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san diego mesa mint	*Pogogyne abramsii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
otay mesa mint	*Pogogyne nudiuscula*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
small-leaved rose	*Rosa minutifolia*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
parish's checkerbloom	*Sidalcea hickmanii ssp. parishii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa ynez false lupine	*Thermopsis macrophylla*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
big-leaved crownbeard	*Verbesina dissita*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Caltrans District 7 – Hydrologic Units (HUC-8) with Potential Transportation Projects



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Caltrans District 7 – Watershed Impacts to Waters and Fish Species Summary Table

HUC-8 Name / Common Species Name	Scientific Species Name	Listing Status	Artificial Path	Canal/Ditch	Coastline	Connector	Pipeline	Sea/Ocean	Stream/River	Wash
Antelope-Fremont Valleys			0.03	0.05	0.00	0.00	0.00	0.00	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Calleguas			0.00	0.01	0.00	0.00	0.00	0.00	0.79	0.00
Steelhead - Southern California DPS	*Oncorhynchus mykiss*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.00
Cuyama			0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.10
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Los Angeles			0.02	0.48	0.00	0.00	16.09	0.00	1.33	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mojave			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Gabriel			0.00	0.00	0.00	0.00	2.73	0.00	0.54	0.00
Mohave tui chub	*Siphateles bicolor mohavensis*	FE & SE	0.00	0.00	0.00	0.00	2.81	0.00	0.56	0.00
Santa Ana sucker	*Catostomus santaanae*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
Santa Clara			0.00	0.00	0.00	0.00	0.15	0.00	0.31	0.00
Steelhead - Southern California DPS	*Oncorhynchus mykiss*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00
Unarmored threespine stickleback	*Gasterosteus aculeatus williamsoni*	FE & SE	0.00	0.00	0.00	0.00	0.17	0.00	0.28	0.00
Santa Monica Bay			0.00	0.00	0.05	0.00	2.35	0.01	0.44	0.00
Steelhead - Southern California DPS	*Oncorhynchus mykiss*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
Tidewater goby	*Eucyclogobius newberryi*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00
Ventura			0.00	0.00	0.00	0.03	0.00	0.00	0.48	0.00
Steelhead - Southern California DPS	Oncorhynchus mykiss	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00

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Units are in acres

Caltrans District 7 – HUC-8 Watershed Impacts by Wetland Type Summary Table

HUC-8 Name	Estuarine and Marine Deepwater	Estuarine and Marine Wetland	Estuarine Saline Natural Intertidal Non-vegetated	Estuarine Saline Natural Subtidal Non-vegetated	Estuarine Saline Natural Subtidal Vegetated	Estuarine Saline Unnatural Intertidal Emergent	Freshwater Emergent Wetland	Freshwater Forested/Shrub Wetland	Riverine
Antelope-Fremont Valleys	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
Calleguas	0.18	0.82	0.00	0.00	0.00	0.01	0.00	0.05	0.08
Cuyama	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Los Angeles	0.34	0.00	0.00	0.00	0.00	0.00	0.35	0.02	0.95
Mojave	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.02
San Gabriel	0.32	0.00	0.00	0.00	0.00	0.00	0.02	0.25	0.22
Santa Clara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.15
Santa Monica Bay	0.23	0.52	0.01	0.00	0.00	0.00	0.00	0.15	0.22
Ventura	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.10

Units are in acres

APPENDIX H

District 8

- **Table**: Caltrans District 8 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin
- **Map**: Caltrans District 8 – Ecoregion Sections with Potential Transportation Projects
- **Table**: Caltrans District 8 – Colorado Desert Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 8 – Mojave Desert Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 8 – Sonoran Desert Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 8 – Southern California Mountains and Valleys Ecoregion Section Impact by Species Summary Table
- **Map**: Caltrans District 8 – Hydrologic Units (HUC-8) with Potential Transportation Projects
- **Table**: Caltrans District 8 – Watershed Impacts to Waters and Fish Species Summary Table
- **Table**: Caltrans District 8 – HUC-8 Watershed Impacts by Wetland Type Summary Table

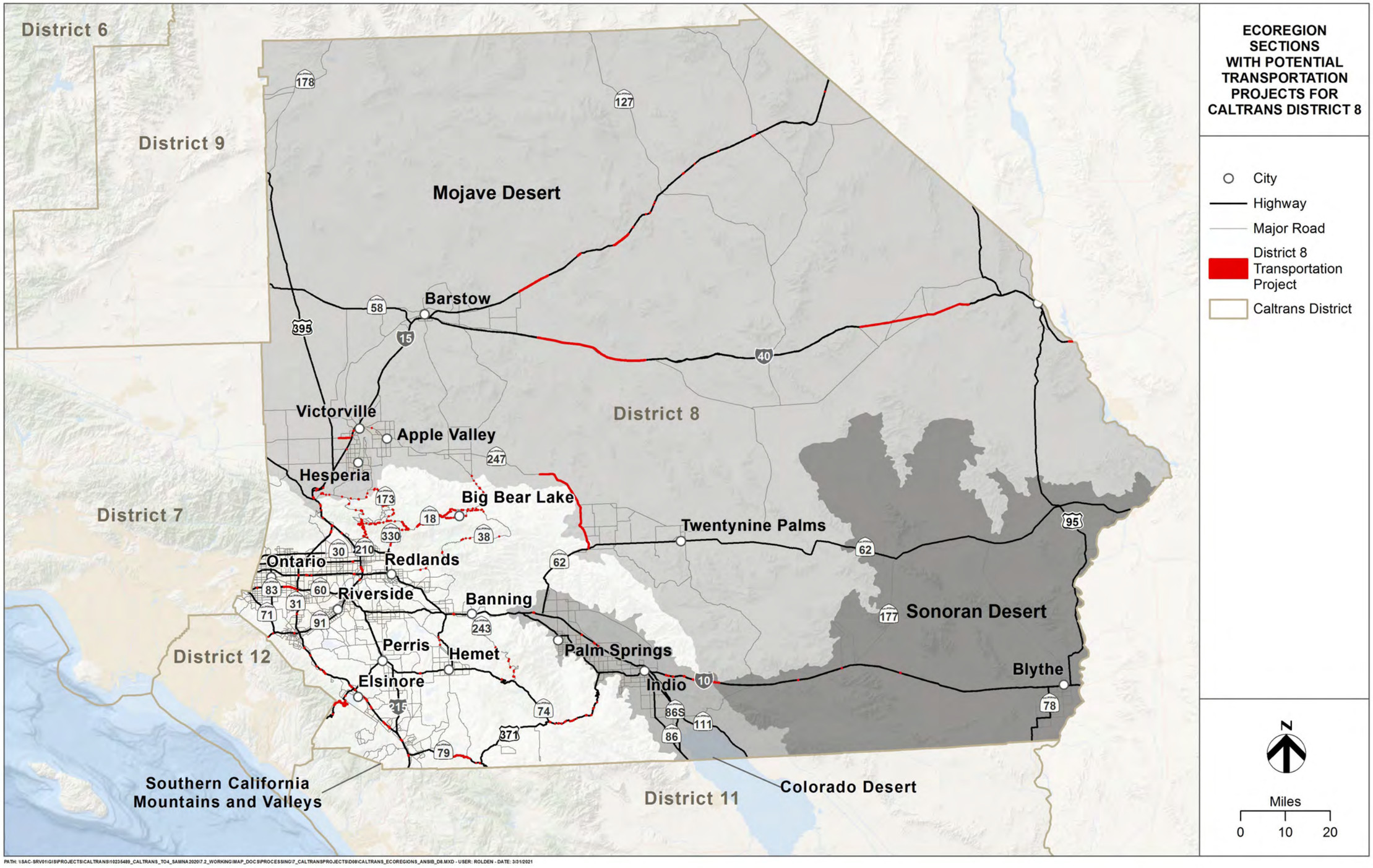
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Caltrans District 8 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
11280	San Bernardino	40	153.9	154.7	Bridge	2024/25	Mojave Desert	4.96	Havasu-Mohave Lakes	4.99
13554	Riverside	74	13.2	34	Bridge	2019/20	Southern California Mountains and Valleys	2.44	San Jacinto	1.48
									Santa Margarita	0.98
13628	Riverside	74	2.9	3.2	Bridge	2021/22	Southern California Mountains and Valleys	1.00	Aliso-San Onofre	0.49
									San Jacinto	0.51
13795	San Bernardino	15	R96.1	R124.3	Safety - Collision Reduction	2021/22	Mojave Desert	89.60	Mojave	89.62
13796	San Bernardino	40	R25.0	R50.0	Safety - Collision Reduction	2021/22	Mojave Desert	363.42	Mojave	319.04
									Southern Mojave	44.40
13833	San Bernardino	18	44.3	68.5	Drainage	2021/22	Southern California Mountains and Valleys	2.14	Santa Ana	2.02
									Southern Mojave	0.21
13956	San Bernardino	18	97	99.5	Safety Improvements	2019/20	Mojave Desert	10.56	Mojave	10.56
14065	San Bernardino	66	21.3	21.3	Bridge	2023/24	Southern California Mountains and Valleys	2.04	Santa Ana	2.04
15891	Riverside	10	R60.9	R74.0	Pavement	2021/22	Colorado Desert	6.78	Salton Sea	5.88
							Sonoran Desert	5.88	Whitewater River	6.78
16014	San Bernardino	18	T8.0	R17.8	Drainage	2021/22	Southern California Mountains and Valleys	6.42	Santa Ana	6.45
16015	San Bernardino	38	47.5	59.4	Drainage	2019/20	Southern California Mountains and Valleys	1.53	Santa Ana	1.61
16302	San Bernardino	215	2.4	3	Bridge	2019/20	Southern California Mountains and Valleys	1.31	Santa Ana	1.31
16756	Riverside	10	R71.8	R72.4	Roadside	2023/24	Colorado Desert	2.92	Salton Sea	2.92
16942	San Bernardino	40	R100.0	R125.0	Safety - Collision Reduction	2020/21	Mojave Desert	181.45	Southern Mojave	181.45
17123	Riverside	15	R0.0	3.1	Pavement	2019/20	Southern California Mountains and Valleys	1.97	Santa Margarita	1.98
17243	Riverside	79	5.4	11.4	Safety Improvements	2021/22	Southern California Mountains and Valleys	22.49	Santa Margarita	22.51
17354	Riverside	10	R104.9	R134.2	Pavement	2019/20	Colorado Desert	1.71	Whitewater River	1.71
17458	San Bernardino	40	101.3		Bridge	2021/22	Mojave Desert	1.00	Southern Mojave	1.00
17498	San Bernardino	15	137.6	156	Pavement	2028/29	Mojave Desert	0.39	Mojave	0.39
18664	San Bernardino	215	4.5	5.8	Safety Improvements	2019/20	Southern California Mountains and Valleys	10.64	Santa Ana	10.64
19062	San Bernardino	247	0	23	Pavement	2023/24	Mojave Desert	75.30	Southern Mojave	83.92
							Southern California Mountains and Valleys	7.49		
19081	San Bernardino	18	90.9	96.6	Pavement	2023/24	Mojave Desert	0.16	Mojave	0.16
19092	Riverside	10	R91.9	R115.4	Bridge	2022/23	Sonoran Desert	1.96	Southern Mojave	1.96
19097	San Bernardino	18	34	44.3	Drainage	2023/24	Southern California Mountains and Valleys	75.39	Mojave	36.56
									Santa Ana	38.87
19175	San Bernardino	15	160.9	161.5	Roadside	2023/24	Mojave Desert	2.92	Death Valley-Lower Amargosa	2.92
19176	San Bernardino	40	27.9	28.8	Roadside	2026/27	Mojave Desert	4.38	Mojave	4.38
19683	San Bernardino	15	2.4	2.4	Bridge	2023/24	Southern California Mountains and Valleys	1.68	Santa Ana	1.68
19697	Riverside	15	8.1	23.9	Pavement	2027/28	Southern California Mountains and Valleys	6.16	San Jacinto	2.49
									Santa Ana	1.22
									Santa Margarita	2.45
19729	Riverside	243	0	29.7	Pavement	2023/24	Southern California Mountains and Valleys	1.55	San Jacinto	1.54
									Whitewater River	0.09
19730	Riverside	15	16.3	52.3	Mobility - ADA	2023/24	Southern California Mountains and Valleys	6.65	San Jacinto	0.74
									Santa Ana	5.91
19809	San Bernardino	10	11.6	R22.4	Bridge	2020/21	Sonoran Desert	1.97	San Jacinto	2.60
							Southern California Mountains and Valleys	6.09	Santa Ana	3.50
									Southern Mojave	1.97
20071	San Bernardino	15	120	144	Pavement	2025/26	Mojave Desert	0.81	Mojave	0.81
20076	San Bernardino	18	17.8	31.65	Pavement	2027/28	Southern California Mountains and Valleys	1.62	Mojave	0.04
									Santa Ana	1.66
20855	San Bernardino	15	R21.5	R22.0	Safety Improvements	2020/21	Mojave Desert	2.94	Santa Ana	2.94
20882	San Bernardino	60	R7.3	R10.0	Mobility - Operational Improvements	2019/20	Southern California Mountains and Valleys	17.68	Santa Ana	17.68
21127	Riverside	91	R0.0	10	Pavement	2026/27	Southern California Mountains and Valleys	0.50	Santa Ana	0.51
21417	Riverside	15	3.5	6.8	Mobility - Operational Improvements	2023/24	Southern California Mountains and Valleys	0.24	Santa Margarita	0.24

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
21442	Riverside	79	M32.4	40.44	Pavement	2028/29	Southern California Mountains and Valleys	0.43	San Jacinto	0.43
21456	San Bernardino	40	R105.1	R105.9	Roadside	2022/23	Mojave Desert	3.88	Southern Mojave	3.88
21621	Riverside	215	42.7	45.3	Pavement	2028/29	Southern California Mountains and Valleys	4.35	Santa Ana	4.35
21623	Riverside	10	32.6	44.4	Pavement	2026/27	Colorado Desert	0.44	Whitewater River	0.44
21638	Riverside	74	5.7	11.8	Safety Improvements	2023/24	Southern California Mountains and Valleys	21.92	Aliso-San Onofre	4.27
									San Jacinto	17.68
21667	San Bernardino	15	37.5	46	Pavement	2028/29	Mojave Desert	0.55	Mojave	0.55
21802	San Bernardino	18	57	66.9	Pavement	2025/26	Mojave Desert	0.05	Southern Mojave	0.31
							Southern California Mountains and Valleys	0.24		
21810	San Bernardino	15	177	186.23	Pavement	2028/29	Mojave Desert	0.07	Ivanpah-Pahrump Valleys	0.07
21952	San Bernardino	10	9.9	20	Pavement	2028/29	Southern California Mountains and Valleys	0.10	Santa Ana	0.10
21955	Riverside	74	71.8	R92.3	Pavement	2026/27	Southern California Mountains and Valleys	1.62	San Jacinto	0.13
									Whitewater River	1.53
22150	Riverside	15	16.62	25.41	Drainage	2024/25	Southern California Mountains and Valleys	2.06	Santa Ana	2.06
22154	San Bernardino	138	17.55	19.04	Drainage	2027/28	Mojave Desert	1.17	Santa Ana	4.33
							Southern California Mountains and Valleys	3.04		
22155	San Bernardino	173	0.78	23.04	Drainage	2027/28	Mojave Desert	0.36	Mojave	2.11
							Southern California Mountains and Valleys	1.64		
22156	San Bernardino	138	36.82	36.82	Drainage	2028/29	Southern California Mountains and Valleys	3.91	Santa Ana	3.96
22157	San Bernardino	38	7.15	35.29	Drainage	2028/29	Southern California Mountains and Valleys	1.30	Santa Ana	1.36
22259	Riverside	79	1.3	5.8	Pavement	2028/29	Southern California Mountains and Valleys	0.36	Santa Margarita	0.36

Caltrans District 8 – Ecoregion Sections with Potential Transportation Projects



PATH: \\SAC-SRV01\GIS\PROJECTS\CALTRANS\10235489_CALTRANS_TO4_SAMNA2020\7.2_WORKING\MAP_DOCS\PROCESSING\7_CALTRANSPROJECTSID08\CALTRANS_ECOREGIONS_ANSIB_D8.MXD - USER: ROLDEN - DATE: 3/31/2021

Caltrans District 8 – Colorado Desert Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Desert Scrub	Desert Wash	Urban
		Total:	6.95	1.51	3.40
Amphibians					
southern california slender salamander	*Batrachoseps major*	N/A	5.03	0.00	0.00
couch's spadefoot	*Scaphiopus couchii*	FS	6.95	0.00	0.00
Birds					
great blue heron	*Ardea herodias*	N/A	0.00	0.00	3.40
great egret	*Ardea alba*	N/A	0.00	0.00	3.40
osprey	*Pandion haliaetus*	FS	6.95	1.51	0.00
white-tailed kite	*Elanus leucurus*	FS	6.95	0.00	3.40
northern harrier	*Circus cyaneus*	N/A	6.95	1.51	3.40
golden eagle	*Aquila chrysaetos*	FS	6.95	1.51	3.40
peregrine falcon	*Falco peregrinus*	FS	0.00	0.00	3.40
california quail	*Callipepla californica*	N/A	6.95	1.51	0.25
burrowing owl	*Athene cunicularia*	FS	6.95	1.51	3.40
long-eared owl	*Asio otus*	N/A	6.95	0.00	0.00
cactus wren	*Campylorhynchus brunneicapillus*	N/A	6.95	1.51	3.40
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	1.59
crissal thrasher	*Toxostoma crissale*	N/A	0.00	1.51	0.00
le conte's thrasher	*Toxostoma lecontei*	N/A	6.95	1.51	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	6.95	1.51	3.40
lucy's warbler	*Oreothlypis luciae*	FS	1.92	0.00	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	1.51	3.40
spotted towhee	*Pipilo maculatus*	N/A	0.00	1.51	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	6.95	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	6.95	1.51	0.00
song sparrow	*Melospiza melodia*	N/A	0.00	0.00	3.40
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.00	3.40
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.00	3.40
gilded flicker	*Colaptes chrysoides*	FS & SE	1.92	0.00	0.00
Mammals					
california leaf-nosed bat	*Macrotus californicus*	FS	6.95	1.51	0.00
arizona myotis	*Myotis occultus*	N/A	1.92	0.00	0.00
yuma myotis	*Myotis yumanensis*	FS	6.95	0.00	0.00
cave myotis	*Myotis velifer*	FS	1.92	0.00	0.00
small-footed myotis	*Myotis ciliolabrum*	FS	6.95	0.00	0.59
western yellow bat	*Lasiurus xanthinus*	N/A	0.00	1.51	0.00
spotted bat	*Euderma maculatum*	FS	6.95	1.51	3.40
townsend's big-eared bat	*Corynorhinus townsendii*	FS	6.95	1.51	3.40
pallid bat	*Antrozous pallidus*	FS	6.95	1.51	3.40
pocketed free-tailed bat	*Nyctinomops femorosaccus*	N/A	6.95	1.51	3.40
western mastiff bat	*Eumops perotis*	FS	6.95	1.51	3.40
brush rabbit	*Sylvilagus bachmani*	N/A	0.00	0.00	0.25
black-tailed jackrabbit	*Lepus californicus*	N/A	6.95	1.51	3.40
mohave ground squirrel	*Xerospermophilus mohavensis*	FS & ST	1.92	0.00	0.00
round-tailed ground squirrel	*Xerospermophilus tereticaudus*	FS	6.95	1.51	0.00
little pocket mouse	*Perognathus longimembris*	N/A	6.95	1.51	0.00
san diego pocket mouse	*Chaetodipus fallax*	N/A	6.95	1.51	0.00
merriam's kangaroo rat	*Dipodomys merriami*	N/A	6.95	1.51	0.00
deer mouse	*Peromyscus maniculatus*	N/A	6.95	1.51	3.40
southern grasshopper mouse	*Onychomys torridus*	N/A	6.95	1.51	0.00
hispid cotton rat	*Sigmodon hispidus*	N/A	6.95	0.00	0.00
desert woodrat	*Neotoma lepida*	N/A	6.95	1.51	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Desert Scrub	Desert Wash	Urban
california vole	*Microtus californicus*	N/A	0.00	0.00	0.59
kit fox	*Vulpes macrotis*	N/A	6.95	1.51	0.00
ringtail	*Bassariscus astutus*	N/A	6.95	1.51	0.00
american badger	*Taxidea taxus*	N/A	6.95	1.51	0.00
western spotted skunk	*Spilogale gracilis*	N/A	0.00	0.00	1.59
mountain lion	*Puma concolor*	ST	6.95	1.51	0.00
bighorn sheep	*Ovis canadensis*	FE & SE & ST	6.95	1.51	0.00
Reptiles					
mohave desert tortoise	*Gopherus agassizii*	FT & ST	6.95	1.51	0.00
coachella fringe-toed lizard	*Uma inornata*	FT & SE	6.95	1.51	0.00
mohave fringe-toed lizard	*Uma scoparia*	FS	6.95	1.51	0.00
flat-tailed horned lizard	*Phrynosoma mcallii*	FS	5.03	0.00	0.00
desert night lizard	*Xantusia vigilis*	FS	6.95	1.51	0.00
california legless lizard	*Anniella pulchra*	FS	6.95	1.51	0.00
gila monster	*Heloderma suspectum*	FS	6.95	0.00	0.00
ring-necked snake	*Diadophis punctatus*	N/A	6.95	0.00	0.59
coachwhip	*Coluber flagellum*	N/A	6.95	1.51	0.00
western patch-nosed snake	*Salvadora hexalepis*	N/A	6.95	1.51	0.00
gophersnake	*Pituophis catenifer*	N/A	6.95	1.51	3.40
red diamond rattlesnake	*Crotalus ruber*	FS	5.03	0.00	0.00
Invertebrates					
casey's june beetle	*Dinacoma caseyi*	FE	5.03	0.00	0.00
Plants					
cushenbury milk-vetch	*Astragalus albens*	FE	5.03	0.00	0.00
lane mountain milk-vetch	*Astragalus jaegerianus*	FE	6.95	0.00	0.00
coachella valley milk-vetch	*Astragalus lentiginosus var. coachellae*	FE	6.95	0.00	0.00
peirson's milk-vetch	*Astragalus magdalenae var. peirsonii*	FT & SE	6.95	0.00	0.00
triple-ribbed milk-vetch	*Astragalus tricarinatus*	FE	5.03	0.00	0.00
ash-gray paintbrush	*Castilleja cinerea*	FT	5.03	0.00	0.00
wiggins' croton	*Croton wigginsii*	FS	6.95	0.00	0.00
july gold	*Dedeckera eurekensis*	FS	1.92	0.00	0.00
red rock tarplant	*Deinandra arida*	FS	6.95	0.00	0.00
parish's daisy	*Erigeron parishii*	FT	5.03	0.00	0.00
cushenbury buckwheat	*Eriogonum ovalifolium var. vineum*	FE	5.03	0.00	0.00
borrego bedstraw	*Galium angustifolium ssp. borregoense*	N/A	6.95	0.00	0.00
algodones dunes sunflower	*Helianthus niveus ssp. tephrodes*	SE	6.95	0.00	0.00
rock lady	*Holmgrenanthe petrophila*	N/A	6.95	0.00	0.00
eureka dunes evening-primrose	*Oenothera californica ssp. eurekensis*	N/A	6.95	0.00	0.00
eureka valley dune grass	*Swallenia alexandrae*	FT	6.95	0.00	0.00

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Units are in acres

Caltrans District 8 – Mojave Desert Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Barren	Desert Riparian	Desert Scrub	Desert Wash	Fresh Emergent Wetland
		Total:	11.59	0.27	8.54	1.41	239.24	5.88	0.01
Amphibians									
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
southern california slender salamander	*Batrachoseps major*	N/A	0.00	0.00	0.00	0.00	0.08	0.00	0.00
couch's spadefoot	*Scaphiopus couchii*	FS	0.00	0.00	0.00	0.00	175.04	0.00	0.00
western spadefoot	*Spea hammondii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
arroyo toad	*Anaxyrus californicus*	FE	0.00	0.00	0.00	0.05	3.10	0.00	0.00
california red-legged frog	*Rana draytonii*	FT	0.00	0.27	0.00	0.00	0.00	0.00	0.01
Birds									
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	8.43	0.00	0.00	0.00	0.00
least bittern	*Ixobrychus exilis*	N/A	0.00	0.00	0.00	1.27	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.00	0.27	0.00	1.41	0.00	0.00	0.01
great egret	*Ardea alba*	N/A	0.00	0.27	0.00	1.31	0.00	0.00	0.01
redhead	*Aythya americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
barrow's goldeneye	*Bucephala islandica*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.00	0.00	0.00	1.27	210.80	1.33	0.00
white-tailed kite	*Elanus leucurus*	FS	0.34	0.27	0.00	0.00	178.14	0.00	0.01
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.00	0.00	0.00	1.27	0.00	0.00	0.00
northern harrier	*Circus cyaneus*	N/A	11.59	0.27	8.54	1.41	239.24	5.88	0.01
northern goshawk	*Accipiter gentilis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
golden eagle	*Aquila chrysaetos*	FS	11.59	0.27	8.54	1.41	239.24	5.88	0.01
california quail	*Callipepla californica*	N/A	0.34	0.27	0.00	0.05	212.67	1.33	0.00
clapper rail	*Rallus longirostris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yuma clapper rail	*Rallus longirostris yumanensis*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mountain plover	*Charadrius montanus*	FS	0.00	0.27	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	11.59	0.27	8.54	1.41	239.24	5.88	0.00
long-eared owl	*Asio otus*	N/A	0.00	0.27	0.00	1.41	239.24	0.00	0.00
gila woodpecker	*Melanerpes uropygialis*	FS & SE	0.00	0.00	0.00	1.27	0.00	0.00	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vermilion flycatcher	*Pyrocephalus rubinus*	N/A	0.00	0.00	0.00	1.27	0.00	0.00	0.00
cactus wren	*Campylorhynchus brunneicapillus*	N/A	0.00	0.00	0.00	1.41	239.24	5.88	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.00	1.31	0.00	2.19	0.00
bendire's thrasher	*Toxostoma bendirei*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
crissal thrasher	*Toxostoma crissale*	N/A	0.00	0.00	0.00	1.27	0.00	0.00	0.00
le conte's thrasher	*Toxostoma lecontei*	N/A	11.59	0.00	0.00	0.00	239.24	5.88	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	11.59	0.27	8.54	1.41	239.24	5.88	0.00
bell's vireo	*Vireo bellii*	N/A	0.00	0.00	0.00	1.27	0.00	0.00	0.00
arizona bell's vireo	*Vireo bellii arizonae*	FS & SE	0.00	0.00	0.00	1.27	0.00	0.00	0.00
gray vireo	*Vireo vicinior*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lucy's warbler	*Oreothlypis luciae*	FS	0.00	0.00	0.00	1.27	175.11	0.00	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.00	1.31	0.00	0.00	0.00
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.00	1.27	0.00	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	1.27	0.00	0.00	0.00
summer tanager	*Piranga rubra*	N/A	0.00	0.00	0.00	1.27	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.00	1.27	0.00	1.33	0.00
california towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	11.59	0.00	0.00	0.00	239.24	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	11.59	0.27	0.00	1.41	239.24	5.88	0.00
song sparrow	*Melospiza melodia*	N/A	0.00	0.27	0.00	1.27	0.00	0.00	0.00
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.27	0.00	1.41	0.00	0.00	0.01

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Barren	Desert Riparian	Desert Scrub	Desert Wash	Fresh Emergent Wetland
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.27	0.00	0.00	0.00	0.00	0.01
gilded flicker	*Colaptes chrysoides*	FS & SE	0.00	0.00	0.00	1.27	175.04	0.00	0.00
Mammals									
ornate shrew	*Sorex ornatus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.01
california leaf-nosed bat	*Macrotus californicus*	FS	0.00	0.00	1.32	1.27	179.39	3.50	0.00
arizona myotis	*Myotis occultus*	N/A	0.00	0.00	0.00	1.27	175.04	0.00	0.00
yuma myotis	*Myotis yumanensis*	FS	0.00	0.00	0.00	1.31	175.82	0.00	0.01
cave myotis	*Myotis velifer*	FS	0.00	0.00	0.00	1.27	175.04	0.00	0.00
long-eared myotis	*Myotis evotis*	FS	0.00	0.00	0.00	0.05	0.00	0.00	0.01
fringed myotis	*Myotis thysanodes*	FS	0.00	0.00	0.00	0.05	0.00	1.14	0.00
small-footed myotis	*Myotis ciliolabrum*	FS	0.00	0.00	0.07	0.05	200.70	0.00	0.01
spotted bat	*Euderma maculatum*	FS	11.59	0.27	0.00	1.41	239.24	5.88	0.00
townsend's big-eared bat	*Corynorhinus townsendii*	FS	11.59	0.27	8.54	1.41	239.24	5.88	0.00
pallid bat	*Antrozous pallidus*	FS	11.59	0.27	8.54	1.41	239.24	5.88	0.00
pocketed free-tailed bat	*Nyctinomops femorosaccus*	N/A	0.00	0.00	0.00	0.00	175.04	0.00	0.00
western mastiff bat	*Eumops perotis*	FS	11.59	0.27	8.54	1.41	239.24	5.88	0.01
brush rabbit	*Sylvilagus bachmani*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	11.59	0.27	0.00	1.41	239.24	5.88	0.00
mohave ground squirrel	*Xerospermophilus mohavensis*	FS & ST	0.88	0.27	0.00	0.00	178.27	0.00	0.00
round-tailed ground squirrel	*Xerospermophilus tereticaudus*	FS	11.25	0.00	0.00	0.00	236.14	5.88	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san bernardino flying squirrel	*Glaucomys sabrinus californicus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
little pocket mouse	*Perognathus longimembris*	N/A	11.59	0.00	0.00	1.41	239.24	5.88	0.00
white-eared pocket mouse	*Perognathus alticolus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san diego pocket mouse	*Chaetodipus fallax*	N/A	0.00	0.27	0.00	0.00	223.25	2.38	0.00
california pocket mouse	*Chaetodipus californicus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
merriam's kangaroo rat	*Dipodomys merriami*	N/A	11.59	0.27	0.00	1.38	239.04	5.88	0.00
deer mouse	*Peromyscus maniculatus*	N/A	11.59	0.27	8.54	1.41	239.24	5.88	0.01
southern grasshopper mouse	*Onychomys torridus*	N/A	11.59	0.27	0.00	1.41	239.24	5.88	0.00
hispid cotton rat	*Sigmodon hispidus*	N/A	0.00	0.00	0.00	0.00	175.04	0.00	0.00
arizona cotton rat	*Sigmodon arizonae*	N/A	0.00	0.00	0.00	1.27	0.00	0.00	0.00
desert woodrat	*Neotoma lepida*	N/A	11.59	0.00	0.00	1.41	239.24	5.88	0.00
california vole	*Microtus californicus*	N/A	0.34	0.27	0.00	0.00	0.00	0.00	0.01
kit fox	*Vulpes macrotis*	N/A	11.59	0.27	8.54	1.41	239.24	5.88	0.00
ringtail	*Bassariscus astutus*	N/A	11.59	0.27	8.54	1.41	239.24	5.88	0.00
american badger	*Taxidea taxus*	N/A	11.59	0.27	8.54	1.41	239.24	5.88	0.00
western spotted skunk	*Spilogale gracilis*	N/A	0.34	0.27	0.00	1.31	0.00	0.00	0.00
mountain lion	*Puma concolor*	ST	0.00	0.00	0.00	1.27	210.88	1.33	0.00
bighorn sheep	*Ovis canadensis*	FE & SE & ST	11.25	0.00	0.00	1.41	236.99	5.88	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reptiles									
mohave desert tortoise	*Gopherus agassizii*	FT & ST	11.59	0.27	8.54	1.41	239.24	5.88	0.00
coachella fringe-toed lizard	*Uma inornata*	FT & SE	0.00	0.00	0.00	0.00	175.04	0.00	0.00
mohave fringe-toed lizard	*Uma scoparia*	FS	11.59	0.00	8.46	0.14	239.24	5.88	0.00
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
desert night lizard	*Xantusia vigilis*	FS	11.59	0.27	0.00	1.41	239.24	5.88	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.00	0.00	206.85	0.19	0.00
gila monster	*Heloderma suspectum*	FS	0.00	0.00	0.00	0.00	175.04	0.00	0.00
ring-necked snake	*Diadophis punctatus*	N/A	0.00	0.00	0.00	0.00	176.73	0.00	0.01
coachwhip	*Coluber flagellum*	N/A	11.59	0.27	0.00	1.41	239.24	5.88	0.00
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western patch-nosed snake	*Salvadora hexalepis*	N/A	11.59	0.27	8.54	1.41	239.24	5.88	0.00

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Units are in acres

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Barren	Desert Riparian	Desert Scrub	Desert Wash	Fresh Emergent Wetland
gophersnake	*Pituophis catenifer*	N/A	11.59	0.27	0.00	1.41	239.24	5.88	0.01
california mountain kingsnake	*Lampropeltis zonata*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california mountain kingsnake (san bernardino population)	*Lampropeltis zonata parviruba*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
red diamond rattlesnake	*Crotalus ruber*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
two-striped gartersnake	*Thamnophis hammondii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Plants									
cushenbury milk-vetch	*Astragalus albens*	FE	0.00	0.00	0.00	0.00	0.16	0.00	0.00
braunton's milk-vetch	*Astragalus brauntonii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lane mountain milk-vetch	*Astragalus jaegerianus*	FE	0.00	0.00	0.00	0.00	239.07	0.00	0.00
coachella valley milk-vetch	*Astragalus lentiginosus var. coachellae*	FE	0.00	0.00	0.00	0.00	175.04	0.00	0.00
peirson's milk-vetch	*Astragalus magdalenae var. peirsonii*	FT & SE	0.00	0.00	0.00	0.00	175.04	0.00	0.00
triple-ribbed milk-vetch	*Astragalus tricarinatus*	FE	0.00	0.00	0.00	0.00	0.16	0.00	0.00
nevin's barberry	*Berberis nevinii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
thread-leaved brodiaea	*Brodiaea filifolia*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ash-gray paintbrush	*Castilleja cinerea*	FT	0.00	0.00	0.00	0.00	0.16	0.00	0.00
mt. gleason paintbrush	*Castilleja gleasoni*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
wiggins' croton	*Croton wigginsii*	FS	0.00	0.00	0.00	0.00	175.04	0.00	0.00
july gold	*Dedeckera eurekensis*	FS	0.00	0.00	0.00	0.00	194.98	0.00	0.00
red rock tarplant	*Deinandra arida*	FS	0.00	0.00	0.00	0.00	239.07	0.00	0.00
mojave tarplant	*Deinandra mohavensis*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender-horned spineflower	*Dodecahema leptoceras*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
big bear valley sandwort	*Eremogone ursina*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
parish's daisy	*Erigeron parishii*	FT	0.00	0.00	0.00	0.00	0.16	0.00	0.00
southern mountain buckwheat	*Eriogonum kennedyi var. austromontanum*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cushenbury buckwheat	*Eriogonum ovalifolium var. vineum*	FE	0.00	0.00	0.00	0.00	0.16	0.00	0.00
borrego bedstraw	*Galium angustifolium ssp. borregoense*	N/A	0.00	0.00	0.00	0.00	175.04	0.00	0.00
algodones dunes sunflower	*Helianthus niveus ssp. tephrodes*	SE	0.00	0.00	0.00	0.00	175.04	0.00	0.00
rock lady	*Holmgrenanthe petrophila*	N/A	0.00	0.00	0.00	0.00	239.07	0.00	0.00
spreading navarretia	*Navarretia fossalis*	FT	0.00	0.27	0.00	0.00	0.00	0.00	0.00
amargosa nitrophila	*Nitrophila mohavensis*	FE & ST	0.00	0.27	0.00	0.00	0.00	0.00	0.00
eureka dunes evening-primrose	*Oenothera californica ssp. eurekensis*	N/A	0.00	0.00	0.00	0.00	239.07	0.00	0.00
san bernardino mountains bladderpod	*Physaria kingii ssp. bernardina*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
parish's checkerbloom	*Sidalcea hickmanii ssp. parishii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bird-foot checkerbloom	*Sidalcea pedata*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
eureka valley dune grass	*Swallenia alexandrae*	FT	0.00	0.00	0.00	0.00	239.07	0.00	0.00
big-leaved crownbeard	*Verbesina dissita*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Joshua Tree	Juniper	Lacustrine	Mixed Chaparral	Riverine	Sagebrush	Urban	Valley Foothill Riparian
		Total:	17.10	0.94	0.23	0.56	0.16	0.15	457.88	0.03
Amphibians										
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00
southern california slender salamander	*Batrachoseps major*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
couch's spadefoot	*Scaphiopus couchii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western spadefoot	*Spea hammondii*	FS	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00
arroyo toad	*Anaxyrus californicus*	FE	0.00	0.00	0.00	0.56	0.00	0.00	0.00	0.03
california red-legged frog	*Rana draytonii*	FT	0.00	0.00	0.00	0.56	0.00	0.00	0.00	0.03
Birds										
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.23	0.00	0.16	0.00	0.00	0.00
least bittern	*Ixobrychus exilis*	N/A	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.00	0.94	0.23	0.00	0.16	0.00	457.88	0.03
great egret	*Ardea alba*	N/A	0.00	0.00	0.00	0.00	0.16	0.00	13.07	0.03
redhead	*Aythya americana*	N/A	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00
barrow's goldeneye	*Bucephala islandica*	N/A	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.00	0.94	0.00	0.05	0.16	0.00	0.00	0.00
white-tailed kite	*Elanus leucurus*	FS	0.00	0.00	0.00	0.56	0.00	0.00	11.24	0.03
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.00	0.00	0.00	0.23	0.16	0.00	0.00	0.00
northern harrier	*Circus cyaneus*	N/A	0.00	0.94	0.23	0.56	0.16	0.15	457.88	0.03
northern goshawk	*Accipiter gentilis*	FS	0.00	0.94	0.00	0.28	0.00	0.03	0.00	0.03
golden eagle	*Aquila chrysaetos*	FS	17.10	0.94	0.00	0.56	0.00	0.15	457.88	0.03
california quail	*Callipepla californica*	N/A	2.68	0.94	0.00	0.56	0.00	0.15	72.19	0.03
clapper rail	*Rallus longirostris*	N/A	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00
yuma clapper rail	*Rallus longirostris yumanensis*	FE & ST	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00
mountain plover	*Charadrius montanus*	FS	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	17.10	0.94	0.00	0.56	0.00	0.15	457.88	0.03
long-eared owl	*Asio otus*	N/A	0.00	0.94	0.00	0.56	0.00	0.15	0.00	0.03
gila woodpecker	*Melanerpes uropygialis*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
vermilion flycatcher	*Pyrocephalus rubinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cactus wren	*Campylorhynchus brunneicapillus*	N/A	17.10	0.00	0.00	0.56	0.00	0.00	457.88	0.00
bewick's wren	*Thryomanes bewickii*	N/A	17.10	0.94	0.00	0.56	0.00	0.00	22.65	0.03
bendire's thrasher	*Toxostoma bendirei*	FS	14.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00
crissal thrasher	*Toxostoma crissale*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
le conte's thrasher	*Toxostoma lecontei*	N/A	17.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	17.10	0.94	0.00	0.56	0.00	0.15	457.88	0.03
bell's vireo	*Vireo bellii*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
arizona bell's vireo	*Vireo bellii arizonae*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gray vireo	*Vireo vicinior*	FS	0.00	0.94	0.00	0.56	0.00	0.00	0.00	0.00
lucy's warbler	*Oreothlypis luciae*	FS	0.00	0.00	0.00	0.00	0.00	0.00	7.01	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.00	0.56	0.00	0.00	11.24	0.03
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
summer tanager	*Piranga rubra*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.94	0.00	0.26	0.00	0.00	4.78	0.00
california towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.00	0.56	0.00	0.00	11.75	0.03
bell's sparrow	*Artemisiospiza belli*	N/A	17.10	0.94	0.00	0.56	0.00	0.15	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.00	0.94	0.00	0.56	0.00	0.15	0.00	0.03
song sparrow	*Melospiza melodia*	N/A	0.00	0.00	0.00	0.28	0.16	0.00	72.19	0.03
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	457.88	0.03
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	2.94	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gilded flicker	*Colaptes chrysoides*	FS & SE	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Joshua Tree	Juniper	Lacustrine	Mixed Chaparral	Riverine	Sagebrush	Urban	Valley Foothill Riparian
Mammals										
ornate shrew	*Sorex ornatus*	N/A	0.00	0.00	0.00	0.56	0.00	0.00	0.00	0.03
california leaf-nosed bat	*Macrotus californicus*	FS	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00
arizona myotis	*Myotis occultus*	N/A	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00
yuma myotis	*Myotis yumanensis*	FS	0.00	0.00	0.00	0.56	0.16	0.10	2.94	0.03
cave myotis	*Myotis velifer*	FS	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00
long-eared myotis	*Myotis evotis*	FS	0.00	0.00	0.00	0.41	0.00	0.10	0.00	0.03
fringed myotis	*Myotis thysanodes*	FS	4.12	0.94	0.23	0.56	0.00	0.10	4.82	0.03
small-footed myotis	*Myotis ciliolabrum*	FS	17.10	0.94	0.23	0.56	0.00	0.10	10.49	0.03
spotted bat	*Euderma maculatum*	FS	17.10	0.94	0.00	0.00	0.16	0.15	457.88	0.03
townsend's big-eared bat	*Corynorhinus townsendii*	FS	17.10	0.94	0.00	0.56	0.16	0.15	457.88	0.03
pallid bat	*Antrozous pallidus*	FS	17.10	0.94	0.00	0.56	0.16	0.15	457.88	0.03
pocketed free-tailed bat	*Nyctinomops femorosaccus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western mastiff bat	*Eumops perotis*	FS	17.10	0.94	0.00	0.56	0.00	0.00	457.88	0.03
brush rabbit	*Sylvilagus bachmani*	N/A	0.00	0.00	0.00	0.28	0.00	0.00	4.78	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	17.10	0.94	0.00	0.56	0.00	0.15	457.88	0.03
mohave ground squirrel	*Xerospermophilus mohavensis*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
round-tailed ground squirrel	*Xerospermophilus tereticaudus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
san bernardino flying squirrel	*Glaucomys sabrinus californicus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
little pocket mouse	*Perognathus longimembris*	N/A	17.10	0.00	0.00	0.56	0.00	0.15	0.00	0.00
white-eared pocket mouse	*Perognathus alticolus*	FS	0.00	0.00	0.00	0.17	0.00	0.03	0.00	0.00
san diego pocket mouse	*Chaetodipus fallax*	N/A	0.00	0.94	0.00	0.42	0.00	0.15	0.00	0.00
california pocket mouse	*Chaetodipus californicus*	N/A	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00
merriam's kangaroo rat	*Dipodomys merriami*	N/A	17.10	0.00	0.00	0.25	0.00	0.12	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	17.10	0.94	0.00	0.56	0.00	0.15	457.88	0.03
southern grasshopper mouse	*Onychomys torridus*	N/A	0.00	0.00	0.00	0.56	0.00	0.15	0.00	0.03
hispid cotton rat	*Sigmodon hispidus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
arizona cotton rat	*Sigmodon arizonae*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
desert woodrat	*Neotoma lepida*	N/A	17.10	0.00	0.00	0.56	0.00	0.15	0.00	0.00
california vole	*Microtus californicus*	N/A	0.00	0.00	0.00	0.56	0.00	0.15	11.28	0.03
kit fox	*Vulpes macrotis*	N/A	17.10	0.94	0.00	0.00	0.00	0.15	0.00	0.03
ringtail	*Bassariscus astutus*	N/A	17.10	0.94	0.00	0.56	0.00	0.15	0.00	0.03
american badger	*Taxidea taxus*	N/A	17.10	0.94	0.00	0.56	0.00	0.15	0.00	0.03
western spotted skunk	*Spilogale gracilis*	N/A	0.00	0.94	0.00	0.56	0.00	0.15	22.72	0.03
mountain lion	*Puma concolor*	ST	3.25	0.94	0.00	0.26	0.00	0.00	0.00	0.00
bighorn sheep	*Ovis canadensis*	FE & SE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00
Reptiles										
mohave desert tortoise	*Gopherus agassizii*	FT & ST	17.10	0.00	0.00	0.00	0.00	0.15	0.00	0.00
coachella fringe-toed lizard	*Uma inornata*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mohave fringe-toed lizard	*Uma scoparia*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.56	0.00	0.06	0.00	0.00
blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.00	0.94	0.00	0.56	0.00	0.00	0.00	0.03
desert night lizard	*Xantusia vigilis*	FS	17.10	0.00	0.00	0.00	0.00	0.15	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.00	0.94	0.00	0.28	0.00	0.00	0.00	0.00
california legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00
gila monster	*Heloderma suspectum*	FS	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ring-necked snake	*Diadophis punctatus*	N/A	0.00	0.00	0.00	0.56	0.00	0.00	14.12	0.03
coachwhip	*Coluber flagellum*	N/A	17.10	0.94	0.00	0.56	0.00	0.15	0.00	0.03
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.03
western patch-nosed snake	*Salvadora hexalepis*	N/A	17.10	0.00	0.00	0.56	0.00	0.15	0.00	0.03
gophersnake	*Pituophis catenifer*	N/A	17.10	0.94	0.00	0.56	0.00	0.15	457.88	0.03
california mountain kingsnake	*Lampropeltis zonata*	N/A	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00

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N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Joshua Tree	Juniper	Lacustrine	Mixed Chaparral	Riverine	Sagebrush	Urban	Valley Foothill Riparian
california mountain kingsnake (san bernardino population)	*Lampropeltis zonata parviruba*	FS	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00
red diamond rattlesnake	*Crotalus ruber*	FS	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
two-striped gartersnake	*Thamnophis hammondii*	FS	0.00	0.00	0.00	0.56	0.00	0.00	0.00	0.03
Plants										
cushenbury milk-vetch	*Astragalus albens*	FE	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
braunton's milk-vetch	*Astragalus brauntonii*	FE	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00
lane mountain milk-vetch	*Astragalus jaegerianus*	FE	17.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coachella valley milk-vetch	*Astragalus lentiginosus var. coachellae*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
peirson's milk-vetch	*Astragalus magdalenae var. peirsonii*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
triple-ribbed milk-vetch	*Astragalus tricarinatus*	FE	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
nevin's barberry	*Berberis nevinii*	FE & SE	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00
thread-leaved brodiaea	*Brodiaea filifolia*	FT & SE	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00
ash-gray paintbrush	*Castilleja cinerea*	FT	0.00	0.00	0.00	0.00	0.00	0.00	2.94	0.00
mt. gleason paintbrush	*Castilleja gleasoni*	FS	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00
wiggins' croton	*Croton wigginsii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
july gold	*Dedeckera eurekensis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
red rock tarplant	*Deinandra arida*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mojave tarplant	*Deinandra mohavensis*	FS & SE	0.00	0.00	0.00	0.56	0.00	0.00	0.00	0.00
slender-horned spineflower	*Dodecahema leptoceras*	FE & SE	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00
big bear valley sandwort	*Eremogone ursina*	FT	0.00	0.00	0.00	0.00	0.00	0.00	2.94	0.00
parish's daisy	*Erigeron parishii*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
southern mountain buckwheat	*Eriogonum kennedyi var. austromontanum*	FT	0.00	0.00	0.00	0.17	0.00	0.00	2.94	0.00
cushenbury buckwheat	*Eriogonum ovalifolium var. vineum*	FE	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
borrego bedstraw	*Galium angustifolium ssp. borregoense*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
algodones dunes sunflower	*Helianthus niveus ssp. tephrodes*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
rock lady	*Holmgrenanthe petrophila*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spreading navarretia	*Navarretia fossalis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
amargosa nitrophila	*Nitrophila mohavensis*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
eureka dunes evening-primrose	*Oenothera californica ssp. eurekensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san bernardino mountains bladderpod	*Physaria kingii ssp. bernardina*	FE	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00
parish's checkerbloom	*Sidalcea hickmanii ssp. parishii*	FS	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00
bird-foot checkerbloom	*Sidalcea pedata*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	2.94	0.00
eureka valley dune grass	*Swallenia alexandrae*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
big-leaved crownbeard	*Verbesina dissita*	FT & ST	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00

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Units are in acres

Caltrans District 8 – Sonoran Desert Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Desert Scrub	Desert Wash	Urban
		Total:	4.30	0.36	5.15
Amphibians					
couch's spadefoot	*Scaphiopus couchii*	FS	4.30	0.00	0.00
Birds					
great blue heron	*Ardea herodias*	N/A	0.00	0.00	5.15
great egret	*Ardea alba*	N/A	0.00	0.00	1.58
osprey	*Pandion haliaetus*	FS	4.30	0.00	0.00
white-tailed kite	*Elanus leucurus*	FS	4.30	0.00	1.58
northern harrier	*Circus cyaneus*	N/A	4.30	0.36	5.15
golden eagle	*Aquila chrysaetos*	FS	4.30	0.36	5.15
peregrine falcon	*Falco peregrinus*	FS	0.00	0.00	1.58
california quail	*Callipepla californica*	N/A	4.30	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	4.30	0.36	5.15
long-eared owl	*Asio otus*	N/A	4.30	0.00	0.00
cactus wren	*Campylorhynchus brunneicapillus*	N/A	4.30	0.36	5.15
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.18	0.80
crissal thrasher	*Toxostoma crissale*	N/A	0.00	0.36	0.00
le conte's thrasher	*Toxostoma lecontei*	N/A	4.30	0.36	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	4.30	0.36	5.15
lucy's warbler	*Oreothlypis luciae*	FS	4.30	0.00	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	1.58
bell's sparrow	*Artemisiospiza belli*	N/A	4.30	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	4.30	0.36	0.00
song sparrow	*Melospiza melodia*	N/A	0.00	0.00	1.58
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.00	5.15
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.00	1.58
gilded flicker	*Colaptes chrysoides*	FS & SE	4.30	0.00	0.00
Mammals					
california leaf-nosed bat	*Macrotus californicus*	FS	4.30	0.36	0.00
arizona myotis	*Myotis occultus*	N/A	4.30	0.00	0.00
yuma myotis	*Myotis yumanensis*	FS	4.30	0.00	0.00
cave myotis	*Myotis velifer*	FS	4.30	0.00	0.00
small-footed myotis	*Myotis ciliolabrum*	FS	4.30	0.00	0.00
western yellow bat	*Lasiurus xanthinus*	N/A	0.00	0.36	0.00
spotted bat	*Euderma maculatum*	FS	4.30	0.36	5.15
townsend's big-eared bat	*Corynorhinus townsendii*	FS	4.30	0.36	5.15
pallid bat	*Antrozous pallidus*	FS	4.30	0.36	5.15
pocketed free-tailed bat	*Nyctinomops femorosaccus*	N/A	4.30	0.36	5.15
western mastiff bat	*Eumops perotis*	FS	4.30	0.36	5.15
black-tailed jackrabbit	*Lepus californicus*	N/A	4.30	0.36	5.15
mohave ground squirrel	*Xerospermophilus mohavensis*	FS & ST	4.30	0.00	0.00
round-tailed ground squirrel	*Xerospermophilus tereticaudus*	FS	4.30	0.36	0.00
little pocket mouse	*Perognathus longimembris*	N/A	4.30	0.36	0.00
san diego pocket mouse	*Chaetodipus fallax*	N/A	4.30	0.00	0.00
merriam's kangaroo rat	*Dipodomys merriami*	N/A	4.30	0.36	0.00
deer mouse	*Peromyscus maniculatus*	N/A	4.30	0.36	5.15
southern grasshopper mouse	*Onychomys torridus*	N/A	4.30	0.36	0.00
hispid cotton rat	*Sigmodon hispidus*	N/A	4.30	0.00	0.00
desert woodrat	*Neotoma lepida*	N/A	4.30	0.36	0.00
kit fox	*Vulpes macrotis*	N/A	4.30	0.36	0.00
ringtail	*Bassariscus astutus*	N/A	4.30	0.36	0.00
american badger	*Taxidea taxus*	N/A	4.30	0.36	0.00

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Units are in acres

Common Name	Species Name	Status	Desert Scrub	Desert Wash	Urban
mountain lion	*Puma concolor*	ST	4.30	0.36	0.00
bighorn sheep	*Ovis canadensis*	FE & SE & ST	4.30	0.36	0.00
Reptiles					
mohave desert tortoise	*Gopherus agassizii*	FT & ST	4.30	0.36	0.00
coachella fringe-toed lizard	*Uma inornata*	FT & SE	4.30	0.00	0.00
mohave fringe-toed lizard	*Uma scoparia*	FS	4.30	0.18	0.00
desert night lizard	*Xantusia vigilis*	FS	4.30	0.00	0.00
california legless lizard	*Anniella pulchra*	FS	4.30	0.00	0.00
gila monster	*Heloderma suspectum*	FS	4.30	0.00	0.00
ring-necked snake	*Diadophis punctatus*	N/A	4.30	0.00	0.00
coachwhip	*Coluber flagellum*	N/A	4.30	0.36	0.00
western patch-nosed snake	*Salvadora hexalepis*	N/A	4.30	0.36	0.00
gophersnake	*Pituophis catenifer*	N/A	4.30	0.36	5.15
Plants					
lane mountain milk-vetch	*Astragalus jaegerianus*	FE	4.30	0.00	0.00
coachella valley milk-vetch	*Astragalus lentiginosus var. coachellae*	FE	4.30	0.00	0.00
peirson's milk-vetch	*Astragalus magdalenae var. peirsonii*	FT & SE	4.30	0.00	0.00
wiggins' croton	*Croton wigginsii*	FS	4.30	0.00	0.00
july gold	*Dedeckera eurekensis*	FS	4.30	0.00	0.00
red rock tarplant	*Deinandra arida*	FS	4.30	0.00	0.00
borrego bedstraw	*Galium angustifolium ssp. borregoense*	N/A	4.30	0.00	0.00
algodones dunes sunflower	*Helianthus niveus ssp. tephrodes*	SE	4.30	0.00	0.00
rock lady	*Holmgrenanthe petrophila*	N/A	4.30	0.00	0.00
eureka dunes evening-primrose	*Oenothera californica ssp. eurekensis*	N/A	4.30	0.00	0.00
eureka valley dune grass	*Swallenia alexandrae*	FT	4.30	0.00	0.00

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Units are in acres

Caltrans District 8 – Southern California Mountains and Valleys Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Annual Grassland	Barren	Chamise - Redshank Chaparral	Chamise-Red Shank Chaparral	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Desert Scrub	Desert Wash	Eastside Pine	Fresh Emergent Wetland	Jeffrey Pine	Joshua Tree
		Total:	4.62	0.15	6.74	6.08	0.60	0.31	5.24	5.92	4.08	1.04	0.24	0.04	3.99	0.64
Amphibians																
california newt	*Taricha torosa*	N/A	0.98	0.15	0.00	0.00	0.00	0.00	3.88	4.45	0.00	0.00	0.00	0.00	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.00	0.00	0.00	0.31	5.24	5.92	0.00	0.00	0.00	0.00	0.00	0.00
southern california slender salamander	*Batrachoseps major*	N/A	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.07	0.46	0.00	0.00	0.00	0.00
desert slender salamander	*Batrachoseps major aridus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00
western spadefoot	*Spea hammondii*	FS	3.90	0.15	0.00	5.54	0.57	0.00	1.62	5.51	0.00	0.00	0.00	0.04	0.00	0.00
arroyo toad	*Anaxyrus californicus*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.00	0.00	0.00	0.00
southern mountain yellow-legged frog	*Rana muscosa*	FE & FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san gabriel slender salamander	*Batrachoseps gabrieli*	FS	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california red-legged frog	*Rana draytonii*	FT	4.05	0.15	0.00	0.00	0.00	0.31	5.24	5.92	0.00	0.00	0.00	0.04	0.00	0.00
Birds																
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	6.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
least bittern	*Ixobrychus exilis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
great blue heron	*Ardea herodias*	N/A	4.62	0.15	0.00	0.00	0.00	0.31	5.24	5.92	0.00	0.00	0.24	0.04	0.00	0.00
great egret	*Ardea alba*	N/A	3.25	0.15	0.00	0.00	0.00	0.00	5.10	0.00	0.00	0.00	0.00	0.04	0.00	0.00
redhead	*Aythya americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
osprey	*Pandion haliaetus*	FS	3.93	0.15	0.33	0.00	0.00	0.00	5.21	0.00	4.01	1.04	0.00	0.04	0.00	0.00
white-tailed kite	*Elanus leucurus*	FS	4.01	0.15	0.31	6.01	0.60	0.00	5.24	5.69	0.04	0.00	0.00	0.04	0.00	0.00
bald eagle	*Haliaeetus leucocephalus*	FS & SE	4.62	0.15	6.72	6.07	0.60	0.00	5.24	5.92	0.00	0.00	0.24	0.04	3.99	0.00
northern harrier	*Circus cyaneus*	N/A	4.62	0.15	6.74	6.08	0.60	0.31	5.24	5.92	4.08	1.04	0.24	0.04	3.99	0.00
northern goshawk	*Accipiter gentilis*	FS	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	3.99	0.00
golden eagle	*Aquila chrysaetos*	FS	4.62	0.15	6.74	6.08	0.60	0.00	5.24	5.92	4.08	1.04	0.24	0.04	3.99	0.64
peregrine falcon	*Falco peregrinus*	FS	3.93	0.15	0.31	5.68	0.57	0.00	5.21	5.69	0.00	0.00	0.00	0.04	0.00	0.00
california quail	*Callipepla californica*	N/A	4.62	0.15	0.00	6.08	0.60	0.31	5.24	5.92	4.08	1.04	0.24	0.00	0.00	0.64
mountain plover	*Charadrius montanus*	FS	2.51	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-billed cuckoo	*Coccyzus americanus*	FT & FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	3.72	0.00	0.33	5.69	0.57	0.00	1.33	1.87	4.08	1.04	0.00	0.00	0.00	0.64
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.24	0.00	3.99	0.00
california spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.24	0.00	3.99	0.00
long-eared owl	*Asio otus*	N/A	4.62	0.15	0.00	6.08	0.60	0.00	5.24	0.00	4.08	0.00	0.24	0.00	0.00	0.00
short-eared owl	*Asio flammeus*	N/A	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
black swift	*Cypseloides niger*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.88	0.03	0.00	0.00	0.00	0.00	0.00	0.24	0.00	3.99	0.00
purple martin	*Progne subis*	N/A	0.92	0.15	0.00	0.00	0.00	0.31	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cactus wren	*Campylorhynchus brunneicapillus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.92	4.01	1.04	0.00	0.00	0.00	0.64

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Annual Grassland	Barren	Chamise - Redshank Chaparral	Chamise-Red Shank Chaparral	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Desert Scrub	Desert Wash	Eastside Pine	Fresh Emergent Wetland	Jeffrey Pine	Joshua Tree
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.00	6.08	0.60	0.00	5.24	5.92	0.00	1.04	0.00	0.00	0.00	0.64
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
bendire's thrasher	*Toxostoma bendirei*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64
le conte's thrasher	*Toxostoma lecontei*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.04	0.00	0.00	0.00	0.00	0.64
loggerhead shrike	*Lanius ludovicianus*	N/A	4.62	0.15	6.74	6.08	0.60	0.31	5.24	5.92	4.08	1.04	0.24	0.00	3.99	0.64
bell's vireo	*Vireo bellii*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
least bell's vireo	*Vireo bellii pusillus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gray vireo	*Vireo vicinior*	FS	0.00	0.00	0.00	0.92	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.00	5.58	0.57	0.31	5.21	5.92	0.00	0.00	0.00	0.00	0.00	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.00	6.08	0.60	0.31	5.24	5.92	0.00	1.04	0.24	0.00	3.99	0.00
common yellowthroat	*Geothlypis trichas*	N/A	3.96	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.71	0.00	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.00	6.08	0.60	0.31	5.24	5.92	0.00	1.04	0.24	0.00	3.99	0.00
california towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.00	6.08	0.60	0.31	5.24	5.92	0.00	0.00	0.00	0.00	0.00	0.00
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	4.01	0.15	0.00	6.01	0.60	0.00	0.00	5.69	0.00	0.00	0.00	0.00	0.00	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	3.93	0.15	0.00	0.00	0.00	0.00	5.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	3.93	0.15	0.00	0.00	0.00	0.00	5.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	6.08	0.60	0.00	0.00	5.92	4.08	0.00	0.22	0.00	0.00	0.64
savannah sparrow	*Passerculus sandwichensis*	N/A	4.62	0.15	0.00	6.08	0.60	0.00	5.24	5.92	4.08	1.04	0.00	0.00	0.00	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	2.65	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	4.62	0.15	0.00	6.08	0.60	0.31	5.24	5.92	0.00	0.00	0.24	0.04	3.99	0.00
red-winged blackbird	*Agelaius phoeniceus*	N/A	4.62	0.15	0.00	0.00	0.00	0.00	0.00	5.92	0.00	0.00	0.00	0.04	0.00	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	3.91	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california gnatcatcher	*Polioptila californica*	FT	3.02	0.15	0.00	5.58	0.57	0.00	5.10	4.93	0.00	0.00	0.00	0.00	0.00	0.00
Mammals																
ornate shrew	*Sorex ornatus*	N/A	4.62	0.15	0.00	0.00	0.00	0.00	5.24	5.92	0.00	0.00	0.00	0.04	0.00	0.00
broad-footed mole	*Scapanus latimanus*	N/A	4.62	0.15	0.00	0.00	0.00	0.00	5.24	5.92	0.00	0.00	0.24	0.00	3.99	0.00
california leaf-nosed bat	*Macrotus californicus*	FS	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	1.70	0.00	0.00	0.00	0.00	0.00
yuma myotis	*Myotis yumanensis*	FS	4.62	0.15	0.00	6.08	0.60	0.31	5.24	5.92	0.06	1.04	0.24	0.04	3.99	0.00
long-eared myotis	*Myotis evotis*	FS	0.00	0.00	6.72	6.08	0.60	0.31	5.24	5.92	0.00	1.04	0.24	0.04	3.99	0.00
fringed myotis	*Myotis thysanodes*	FS	4.62	0.15	6.74	6.08	0.60	0.31	5.24	5.92	0.00	1.04	0.24	0.00	3.99	0.64
small-footed myotis	*Myotis ciliolabrum*	FS	4.62	0.15	6.74	6.08	0.60	0.00	5.24	5.92	1.87	0.00	0.24	0.04	3.99	0.64
western red bat	*Lasiurus blossevillii*	N/A	3.89	0.15	0.00	5.61	0.60	0.00	5.21	5.47	0.00	0.00	0.00	0.04	0.00	0.00
western yellow bat	*Lasiurus xanthinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	5.24	0.00	0.00	1.04	0.00	0.00	0.00	0.00
spotted bat	*Euderma maculatum*	FS	4.62	0.15	0.00	0.00	0.00	0.00	5.24	5.92	4.08	1.04	0.24	0.00	3.99	0.64
townsend's big-eared bat	*Corynorhinus townsendii*	FS	4.62	0.15	6.74	6.08	0.60	0.00	5.24	5.92	4.08	1.04	0.24	0.00	3.99	0.64
pallid bat	*Antrozous pallidus*	FS	4.62	0.15	6.74	6.08	0.60	0.00	5.24	5.92	4.08	1.04	0.24	0.00	3.99	0.64

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pocketed free-tailed bat	*Nyctinomops femorosaccus*	N/A	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.11	0.58	0.00	0.00	0.00	0.00
western mastiff bat	*Eumops perotis*	FS	4.62	0.15	6.74	6.08	0.60	0.31	5.24	5.92	4.08	1.04	0.00	0.04	0.00	0.64
brush rabbit	*Sylvilagus bachmani*	N/A	4.05	0.15	0.00	6.08	0.60	0.00	5.24	5.92	0.00	0.00	0.00	0.00	0.00	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	4.05	0.15	0.00	6.08	0.60	0.31	5.24	5.92	4.08	1.04	0.01	0.00	0.00	0.64
lodgepole chipmunk	*Tamias speciosus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.99	0.00
round-tailed ground squirrel	*Xerospermophilus tereticaudus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.91	0.00	0.00	0.00	0.00	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	3.99	0.00
san bernardino flying squirrel	*Glaucomys sabrinus californicus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	3.99	0.00
little pocket mouse	*Perognathus longimembris*	N/A	0.00	0.00	0.00	6.08	0.60	0.00	1.36	1.47	4.03	1.04	0.00	0.00	0.00	0.64
white-eared pocket mouse	*Perognathus alticolus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san diego pocket mouse	*Chaetodipus fallax*	N/A	4.05	0.15	0.00	6.08	0.60	0.00	0.00	5.92	4.08	1.04	0.00	0.00	0.00	0.00
california pocket mouse	*Chaetodipus californicus*	N/A	4.62	0.15	0.00	6.07	0.60	0.00	5.24	5.92	0.00	0.00	0.00	0.00	0.00	0.00
stephens' kangaroo rat	*Dipodomys stephensi*	FE & ST	4.01	0.15	0.00	0.00	0.00	0.00	0.00	5.69	0.00	0.00	0.00	0.00	0.00	0.00
merriam's kangaroo rat	*Dipodomys merriami*	N/A	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.49	4.00	0.44	0.00	0.00	0.00	0.64
san bernardino kangaroo rat	*Dipodomys merriami parvus*	N/A	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.04	0.44	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	4.62	0.15	6.74	6.08	0.60	0.31	5.24	5.92	4.08	1.04	0.24	0.04	3.99	0.64
southern grasshopper mouse	*Onychomys torridus*	N/A	4.62	0.15	0.00	0.00	0.00	0.00	0.00	5.92	4.08	1.04	0.00	0.00	0.00	0.00
desert woodrat	*Neotoma lepida*	N/A	0.00	0.00	0.00	6.08	0.60	0.00	0.00	5.92	4.08	1.04	0.00	0.00	0.00	0.64
california vole	*Microtus californicus*	N/A	4.62	0.15	0.00	0.00	0.00	0.00	5.24	5.92	0.00	0.00	0.24	0.04	0.00	0.00
kit fox	*Vulpes macrotis*	N/A	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	3.95	0.00	0.00	0.00	0.00	0.64
ringtail	*Bassariscus astutus*	N/A	4.62	0.15	6.74	6.08	0.60	0.31	5.24	5.92	4.08	1.04	0.24	0.00	3.99	0.64
american badger	*Taxidea taxus*	N/A	4.62	0.15	6.74	6.08	0.60	0.31	5.24	5.92	4.08	1.04	0.24	0.00	3.99	0.64
western spotted skunk	*Spilogale gracilis*	N/A	4.62	0.15	0.00	6.08	0.60	0.31	5.24	5.92	0.00	0.00	0.24	0.00	3.99	0.00
mountain lion	*Puma concolor*	ST	4.62	0.15	0.00	6.08	0.60	0.31	5.24	5.92	4.08	1.04	0.24	0.00	3.99	0.64
bighorn sheep	*Ovis canadensis*	FE & SE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.08	0.38	0.00	0.00	0.00	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	0.00	6.08	0.60	0.31	5.24	5.92	0.00	0.00	0.00	0.00	0.00	0.00
Reptiles																
mohave desert tortoise	*Gopherus agassizii*	FT & ST	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	3.97	0.00	0.00	0.00	0.00	0.64
mohave fringe-toed lizard	*Uma scoparia*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.29	0.00	0.00	0.00	0.00	0.00
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	3.99	0.00
blainville's horned lizard	*Phrynosoma blainvillii*	FS	4.62	0.15	0.00	6.08	0.60	0.31	5.24	5.92	0.00	0.00	0.00	0.00	0.00	0.00

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desert night lizard	*Xantusia vigilis*	FS	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.04	0.00	0.00	0.00	0.00	0.64
western skink	*Plestiodon skiltonianus*	N/A	4.62	0.15	0.00	6.08	0.60	0.31	5.24	5.92	0.00	0.00	0.00	0.00	0.00	0.00
orange-throated whiptail	*Aspidoscelis hyperythra*	FS	0.00	0.00	0.00	5.58	0.57	0.00	5.21	5.69	0.00	0.00	0.00	0.00	0.00	0.00
california legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.00	6.08	0.60	0.00	5.24	5.92	4.08	1.04	0.00	0.00	0.00	0.00
ring-necked snake	*Diadophis punctatus*	N/A	4.05	0.15	0.00	6.08	0.60	0.31	5.24	5.92	1.87	0.00	0.00	0.04	0.00	0.00
coachwhip	*Coluber flagellum*	N/A	4.62	0.15	0.00	6.08	0.60	0.00	5.24	5.92	4.08	1.04	0.00	0.00	0.00	0.64
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.00	6.08	0.60	0.00	5.24	5.92	0.00	0.00	0.00	0.00	0.00	0.00
western patch-nosed snake	*Salvadora hexalepis*	N/A	4.62	0.15	6.74	6.08	0.60	0.00	5.24	5.92	4.08	1.04	0.00	0.00	0.00	0.64
gophersnake	*Pituophis catenifer*	N/A	4.62	0.15	0.00	6.08	0.60	0.31	5.24	5.92	4.08	1.04	0.24	0.04	3.99	0.64
california mountain kingsnake	*Lampropeltis zonata*	N/A	0.69	0.00	0.00	0.00	0.00	0.31	2.65	0.00	0.00	0.00	0.00	0.00	3.99	0.00
california mountain kingsnake (san bernardino population)	*Lampropeltis zonata parviruba*	FS	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.99	0.00
california mountain kingsnake (san diego population)	*Lampropeltis zonata pulchra*	FS	0.00	0.15	0.00	0.00	0.00	0.00	3.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	3.14	0.15	0.00	4.02	0.57	0.00	5.10	5.47	0.00	0.00	0.00	0.04	0.00	0.00
red diamond rattlesnake	*Crotalus ruber*	FS	3.40	0.15	0.11	5.68	0.57	0.00	5.21	5.47	1.68	0.58	0.00	0.00	0.00	0.64
two-striped gartersnake	*Thamnophis hammondii*	FS	4.62	0.15	0.00	6.08	0.60	0.31	5.24	5.92	0.00	0.00	0.00	0.04	3.99	0.00
Invertebrates																
vernal pool fairy shrimp	*Branchinecta lynchi*	FT	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
quino checkerspot butterfly	*Euphydryas editha quino*	FE	0.00	0.00	0.00	5.94	0.57	0.00	0.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00
delhi sands flower-loving fly	*Rhaphiomidas terminatus abdominalis*	FE	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
riverside fairy shrimp	*Streptocephalus woottoni*	FE	0.79	0.15	0.00	0.00	0.00	0.00	0.00	3.35	0.00	0.00	0.00	0.00	0.00	0.00
Plants																
san diego thorn-mint	*Acanthomintha ilicifolia*	FT & SE	3.98	0.15	0.00	0.00	0.00	0.00	0.00	5.83	0.00	0.00	0.00	0.00	0.00	0.00
cushenbury oxytheca	*Acanthoscyphus parishii var. goodmaniana*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
munz's onion	*Allium munzii*	FE & ST	3.98	0.15	0.00	0.00	0.00	0.00	0.00	5.83	0.00	0.00	0.00	0.00	0.00	0.00
san diego ambrosia	*Ambrosia pumila*	FE	3.98	0.15	0.00	0.00	0.00	0.00	0.00	5.83	0.00	0.00	0.00	0.00	0.00	0.00
del mar manzanita	*Arctostaphylos glandulosa ssp. crassifolia*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marsh sandwort	*Arenaria paludicola*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
cushenbury milk-vetch	*Astragalus albens*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00

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braunton's milk-vetch	*Astragalus brauntonii*	FE	3.98	0.15	0.00	0.00	0.00	0.00	0.00	5.83	0.00	0.00	0.00	0.00	0.00	0.00
lane mountain milk-vetch	*Astragalus jaegerianus*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.97	0.00	0.00	0.00	0.00	0.64
ventura marsh milk-vetch	*Astragalus pycnostachyus var. lanosissimus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00
coastal dunes milk-vetch	*Astragalus tener var. titi*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00
triple-ribbed milk-vetch	*Astragalus tricarinatus*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00
san jacinto valley crownscale	*Atriplex coronata var. notatior*	FE	1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
encinitas baccharis	*Baccharis vanessae*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
nevin's barberry	*Berberis nevinii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.92	0.00	0.00	0.00	0.00	0.00	0.00
thread-leaved brodiaea	*Brodiaea filifolia*	FT & SE	4.62	0.15	0.00	0.00	0.00	0.00	0.00	5.92	0.00	0.00	0.00	0.00	0.00	0.00
dunn's mariposa lily	*Calochortus dunnii*	FS	2.57	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ash-gray paintbrush	*Castilleja cinerea*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00
vail lake ceanothus	*Ceanothus ophiochilus*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
salt marsh bird's-beak	*Chloropyron maritimum ssp. maritimum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00
orcutt's spineflower	*Chorizanthe orcuttiana*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00
red rock tarplant	*Deinandra arida*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.97	0.00	0.00	0.00	0.00	0.00
otay tarplant	*Deinandra conjugens*	FT & SE	3.98	0.15	0.00	0.00	0.00	0.00	0.00	5.83	0.00	0.00	0.00	0.00	0.00	0.00
gaviota tarplant	*Deinandra increscens ssp. Villosa*	FE & SE	1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00
mojave tarplant	*Deinandra mohavensis*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.39	0.00	0.00	0.00	0.00	0.00	0.00
cuyamaca larkspur	*Delphinium hesperium ssp. cuyamacae*	FS	2.57	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mt. laguna aster	*Dieteria asteroides var. lagunensis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
beach spectaclepod	*Dithyrea maritima*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00
slender-horned spineflower	*Dodecahema leptoceras*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.92	0.00	0.00	0.00	0.00	0.00	0.00
cuyamaca lake downingia	*Downingia concolor var. brevior*	SE	2.57	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
short-leaved dudleya	*Dudleya brevifolia*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00
laguna beach dudleya	*Dudleya stolonifera*	FT & ST	1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00
big bear valley sandwort	*Eremogone ursina*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa ana river woollystar	*Eriastrum densifolium ssp. sanctorum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00
parish's daisy	*Erigeron parishii*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Annual Grass	Annual Grassland	Barren	Chamise - Redshank Chaparral	Chamise-Red Shank Chaparral	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Desert Scrub	Desert Wash	Eastside Pine	Fresh Emergent Wetland	Jeffrey Pine	Joshua Tree
southern mountain buckwheat	*Eriogonum kennedyi var. austromontanum*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cushenbury buckwheat	*Eriogonum ovalifolium var. vineum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00
san diego button-celery	*Eryngium aristulatum var. parishii*	FE & SE	3.98	0.15	0.00	0.00	0.00	0.00	0.00	5.83	0.00	0.00	0.00	0.00	0.00	0.00
mexican flannelbush	*Fremontodendron mexicanum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	4.62	0.15	0.00	0.00	0.00	0.00	0.00	5.92	0.00	0.00	0.00	0.00	0.00	0.00
orcutt's hazardia	*Hazardia orcuttii*	ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00
rock lady	*Holmgrenanthe petrophila*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.97	0.00	0.00	0.00	0.00	0.00
tahquitz ivesia	*Ivesia callida*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
parish's meadowfoam	*Limnanthes alba ssp. parishii*	FS & SE	2.57	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
willowy monardella	*Monardella viminea*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00
spreading navarretia	*Navarretia fossalis*	FT	4.62	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dehesa nolina	*Nolina interrata*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
eureka dunes evening-primrose	*Oenothera californica ssp. eurekensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.97	0.00	0.00	0.00	0.00	0.00
california orcutt grass	*Orcuttia californica*	FE & SE	3.98	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
baja california birdbush	*Ornithostaphylos oppositifolia*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gander's ragwort	*Packera ganderi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lyon's pentachaeta	*Pentachaeta lyonii*	FE & SE	1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00
san bernardino mountains bladderpod	*Physaria kingii ssp. bernardina*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san diego mesa mint	*Pogogyne abramsii*	FE & SE	1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
otay mesa mint	*Pogogyne nudiuscula*	FE & SE	1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
small-leaved rose	*Rosa minutifolia*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.30	0.00	0.00	0.00	0.00	0.00	0.00
parish's checkerbloom	*Sidalcea hickmanii ssp. parishii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bird-foot checkerbloom	*Sidalcea pedata*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
eureka valley dune grass	*Swallenia alexandrae*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.97	0.00	0.00	0.00	0.00	0.00
hidden lake bluecurls	*Trichostema austromontanum ssp. compactum*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
big-leaved crownbeard	*Verbesina dissita*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Mixed Chaparral	Montane Chaparral	Montane Hardwood	Montane Hardwood - Conifer	Montane Hardwood-Conifer	Montane Riparian	Pasture	Pinyon-Juniper	Ponderosa Pine	Sagebrush	Sierran Mixed Conifer	Urban	Valley Foothill Riparian
		Total:	30.53	2.37	20.08	0.91	15.85	0.18	1.64	0.77	0.19	0.30	7.39	96.52	1.57
Amphibians															
california newt	*Taricha torosa*	N/A	12.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29
ensatina	*Ensatina eschscholtzii*	N/A	30.14	2.37	20.08	0.91	15.85	0.18	0.00	0.00	0.19	0.00	7.39	0.00	1.57
southern california slender salamander	*Batrachoseps major*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
desert slender salamander	*Batrachoseps major aridus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western spadefoot	*Spea hammondii*	FS	16.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
arroyo toad	*Anaxyrus californicus*	FE	18.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62
southern mountain yellow-legged frog	*Rana muscosa*	FE & FS & SE	0.00	0.00	1.83	0.91	0.34	0.18	0.00	0.00	0.08	0.00	0.94	0.00	0.00
san gabriel slender salamander	*Batrachoseps gabrieli*	FS	0.00	0.00	1.50	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.86	0.00	0.00
california red-legged frog	*Rana draytonii*	FT	30.44	0.00	20.05	0.91	15.81	0.18	0.00	0.00	0.19	0.00	0.00	0.00	1.57
Birds															
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
least bittern	*Ixobrychus exilis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.00	0.00	20.08	0.91	15.85	0.18	0.00	0.77	0.19	0.00	7.39	96.52	1.57
great egret	*Ardea alba*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.51	0.51
redhead	*Aythya americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	18.43	0.02	0.00	0.00	0.00	0.18	0.00	0.08	0.00	0.14	0.00	0.00	0.62
white-tailed kite	*Elanus leucurus*	FS	18.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.45	0.62
bald eagle	*Haliaeetus leucocephalus*	FS & SE	30.48	2.37	20.08	0.91	15.85	0.18	0.00	0.25	0.19	0.30	7.39	0.00	1.57
northern harrier	*Circus cyaneus*	N/A	30.53	2.37	20.08	0.91	15.85	0.18	0.00	0.77	0.19	0.30	7.39	96.52	1.57
northern goshawk	*Accipiter gentilis*	FS	8.17	2.29	19.48	0.91	15.65	0.00	0.00	0.77	0.19	0.17	7.36	0.00	0.40
golden eagle	*Aquila chrysaetos*	FS	30.53	2.37	20.08	0.91	15.85	0.18	1.64	0.77	0.19	0.30	7.39	96.52	1.57
peregrine falcon	*Falco peregrinus*	FS	18.36	0.02	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.12	0.00	70.35	0.62
california quail	*Callipepla californica*	N/A	30.53	2.37	20.08	0.91	15.85	0.18	0.00	0.77	0.19	0.30	7.39	96.52	1.57
mountain plover	*Charadrius montanus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-billed cuckoo	*Coccyzus americanus*	FT & FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
burrowing owl	*Athene cunicularia*	FS	8.46	0.02	0.00	0.00	0.00	0.00	1.64	0.61	0.00	0.14	0.00	69.75	0.26
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	20.08	0.91	15.81	0.18	0.00	0.00	0.19	0.00	7.39	0.00	0.95
california spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.00	20.08	0.91	15.81	0.18	0.00	0.00	0.19	0.00	7.39	0.00	0.95
long-eared owl	*Asio otus*	N/A	30.53	2.37	20.08	0.91	15.85	0.18	1.64	0.00	0.19	0.30	7.39	0.00	1.57
short-eared owl	*Asio flammeus*	N/A	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.01	0.00
black swift	*Cypseloides niger*	N/A	0.85	0.00	0.00	0.91	0.13	0.00	0.00	0.00	0.10	0.00	0.44	60.04	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	13.08	0.00	20.08	0.91	15.85	0.00	0.00	0.00	0.19	0.00	7.39	0.00	0.00
purple martin	*Progne subis*	N/A	0.00	0.00	19.02	0.91	14.99	0.00	0.00	0.00	0.19	0.00	6.14	73.00	1.43
cactus wren	*Campylorhynchus brunneicapillus*	N/A	29.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.37	0.00
bewick's wren	*Thryomanes bewickii*	N/A	30.53	2.37	20.08	0.91	15.85	0.18	0.00	0.77	0.19	0.00	0.00	96.52	1.57
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	1.57
bendire's thrasher	*Toxostoma bendirei*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Mixed Chaparral	Montane Chaparral	Montane Hardwood	Montane Hardwood - Conifer	Montane Hardwood-Conifer	Montane Riparian	Pasture	Pinyon-Juniper	Ponderosa Pine	Sagebrush	Sierran Mixed Conifer	Urban	Valley Foothill Riparian
le conte's thrasher	*Toxostoma lecontei*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	30.53	0.00	20.08	0.91	15.85	0.18	0.00	0.77	0.19	0.30	0.00	96.52	1.57
bell's vireo	*Vireo bellii*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
least bell's vireo	*Vireo bellii pusillus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
gray vireo	*Vireo vicinior*	FS	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00
hutton's vireo	*Vireo huttoni*	N/A	21.28	0.00	0.32	0.89	0.16	0.18	0.00	0.00	0.08	0.00	0.36	89.50	1.07
yellow warbler	*Setophaga petechia*	N/A	30.11	2.37	20.08	0.00	15.85	0.18	0.00	0.00	0.19	0.00	7.39	93.60	1.57
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.09	0.00	0.00	0.00	1.17
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.62
spotted towhee	*Pipilo maculatus*	N/A	30.50	2.37	20.08	0.91	15.85	0.18	0.00	0.25	0.19	0.30	7.39	96.46	1.57
california towhee	*Pipilo crissalis*	N/A	30.53	2.37	20.08	0.91	15.85	0.18	0.00	0.00	0.19	0.00	0.00	93.61	1.57
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	18.88	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.62
vesper sparrow	*Pooecetes gramineus*	N/A	18.88	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	18.88	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	29.84	0.74	0.00	0.00	0.00	0.00	0.00	0.77	0.00	0.19	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	30.53	0.00	0.00	0.00	0.00	0.00	1.64	0.77	0.00	0.30	0.00	0.00	1.57
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	30.53	0.00	20.08	0.91	15.85	0.18	0.00	0.77	0.19	0.00	7.39	96.52	1.57
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	96.52	1.57
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.55	1.57
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california gnatcatcher	*Polioptila californica*	FT	17.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55
Mammals															
ornate shrew	*Sorex ornatus*	N/A	30.53	2.37	0.00	0.91	15.85	0.18	0.00	0.00	0.19	0.00	7.39	0.00	1.57
broad-footed mole	*Scapanus latimanus*	N/A	0.00	0.00	20.08	0.91	15.85	0.18	1.64	0.00	0.19	0.00	7.39	0.00	1.57
california leaf-nosed bat	*Macrotus californicus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yuma myotis	*Myotis yumanensis*	FS	30.50	2.37	20.08	0.91	15.85	0.18	1.64	0.77	0.19	0.30	7.39	93.61	1.57
long-eared myotis	*Myotis evotis*	FS	30.53	2.37	20.08	0.91	15.85	0.18	1.64	0.77	0.19	0.30	7.39	0.00	1.57
fringed myotis	*Myotis thysanodes*	FS	30.53	2.37	20.08	0.91	15.85	0.18	1.64	0.77	0.19	0.30	7.39	96.52	1.57
small-footed myotis	*Myotis ciliolabrum*	FS	30.53	2.37	20.08	0.91	15.85	0.18	1.64	0.77	0.19	0.30	7.39	96.52	1.57
western red bat	*Lasiurus blossevillii*	N/A	18.52	0.02	0.00	0.91	0.00	0.18	1.64	0.00	0.00	0.00	0.00	66.91	0.62
western yellow bat	*Lasiurus xanthinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.57
spotted bat	*Euderma maculatum*	FS	0.00	2.37	0.00	0.91	15.85	0.18	0.00	0.77	0.19	0.30	7.39	96.52	1.57
townsend's big-eared bat	*Corynorhinus townsendii*	FS	30.53	2.37	20.08	0.91	15.85	0.18	1.64	0.77	0.19	0.30	7.39	96.52	1.57
pallid bat	*Antrozous pallidus*	FS	30.53	2.37	20.08	0.91	15.85	0.18	1.64	0.77	0.19	0.30	7.39	96.52	1.57
pocketed free-tailed bat	*Nyctinomops femorosaccus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.00	64.24	0.00
western mastiff bat	*Eumops perotis*	FS	30.53	2.37	20.08	0.91	15.85	0.18	1.64	0.77	0.19	0.00	0.00	96.52	1.57
brush rabbit	*Sylvilagus bachmani*	N/A	23.90	0.22	1.93	0.91	0.45	0.18	1.64	0.00	0.00	0.00	0.63	94.39	1.17
black-tailed jackrabbit	*Lepus californicus*	N/A	24.15	0.48	2.21	0.91	0.89	0.18	1.64	0.68	0.03	0.23	1.47	94.67	1.17

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lodgepole chipmunk	*Tamias speciosus*	N/A	0.00	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.81	0.00	0.00
round-tailed ground squirrel	*Xerospermophilus tereticaudus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.00	17.87	0.91	15.21	0.18	0.00	0.00	0.10	0.00	6.32	0.00	0.40
san bernardino flying squirrel	*Glaucomys sabrinus californicus*	FS	0.00	0.00	17.87	0.91	15.21	0.18	0.00	0.00	0.10	0.00	6.32	0.00	0.40
little pocket mouse	*Perognathus longimembris*	N/A	12.26	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00
white-eared pocket mouse	*Perognathus alticolus*	FS	6.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00
san diego pocket mouse	*Chaetodipus fallax*	N/A	23.90	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.23	0.00	0.00	0.00
california pocket mouse	*Chaetodipus californicus*	N/A	30.52	2.37	20.08	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00
stephens' kangaroo rat	*Dipodomys stephensi*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
merriam's kangaroo rat	*Dipodomys merriami*	N/A	5.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san bernardino kangaroo rat	*Dipodomys merriami parvus*	N/A	5.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	30.53	2.37	20.08	0.91	15.85	0.18	1.64	0.77	0.19	0.30	7.39	96.52	1.57
southern grasshopper mouse	*Onychomys torridus*	N/A	30.53	0.00	0.00	0.00	0.00	0.18	0.00	0.77	0.00	0.30	0.00	0.00	1.57
desert woodrat	*Neotoma lepida*	N/A	30.53	2.37	20.08	0.91	15.85	0.00	0.00	0.77	0.00	0.30	0.00	0.00	0.00
california vole	*Microtus californicus*	N/A	30.53	2.37	20.08	0.91	15.85	0.18	1.64	0.00	0.19	0.30	7.39	93.61	1.57
kit fox	*Vulpes macrotis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	30.53	2.37	20.08	0.91	15.85	0.18	1.64	0.77	0.19	0.30	7.39	0.00	1.57
american badger	*Taxidea taxus*	N/A	30.53	2.37	20.08	0.91	15.85	0.18	1.64	0.77	0.19	0.30	7.39	0.00	1.57
western spotted skunk	*Spilogale gracilis*	N/A	30.53	2.37	20.08	0.91	15.85	0.18	1.64	0.77	0.19	0.30	7.39	96.52	1.57
mountain lion	*Puma concolor*	ST	30.53	2.37	20.08	0.91	15.85	0.18	1.64	0.77	0.19	0.30	7.39	0.00	1.57
bighorn sheep	*Ovis canadensis*	FE & SE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	30.53	2.37	20.08	0.91	15.85	0.18	0.00	0.00	0.19	0.30	7.39	0.00	1.57
Reptiles															
mohave desert tortoise	*Gopherus agassizii*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.01	0.00	0.00	0.00
mohave fringe-toed lizard	*Uma scoparia*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
common sagebrush lizard	*Sceloporus graciosus*	FS	12.40	2.35	20.08	0.91	15.85	0.00	0.00	0.25	0.19	0.17	7.39	0.00	0.00
blainville's horned lizard	*Phrynosoma blainvillii*	FS	30.53	0.00	0.00	0.91	15.85	0.00	0.00	0.00	0.19	0.00	0.00	0.00	1.57
desert night lizard	*Xantusia vigilis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.01	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	30.53	2.37	20.08	0.91	15.85	0.18	1.64	0.77	0.19	0.00	7.39	0.00	1.57
orange-throated whiptail	*Aspidoscelis hyperythra*	FS	18.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california legless lizard	*Anniella pulchra*	FS	30.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.57
ring-necked snake	*Diadophis punctatus*	N/A	24.15	1.41	12.03	0.91	9.88	0.18	1.64	0.00	0.09	0.00	4.11	95.11	1.57

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coachwhip	*Coluber flagellum*	N/A	30.53	0.00	0.00	0.00	0.00	0.00	1.64	0.77	0.00	0.30	0.00	0.00	1.57
striped racer	*Coluber lateralis*	N/A	30.50	2.37	20.08	0.91	15.85	0.18	0.00	0.00	0.19	0.00	7.39	0.00	1.57
western patch-nosed snake	*Salvadora hexalepis*	N/A	30.53	2.37	0.00	0.00	0.00	0.00	0.00	0.77	0.00	0.30	0.00	0.00	1.57
gophersnake	*Pituophis catenifer*	N/A	30.53	2.37	20.08	0.91	15.85	0.18	1.64	0.77	0.19	0.30	7.39	96.52	1.57
california mountain kingsnake	*Lampropeltis zonata*	N/A	13.13	2.35	20.08	0.91	15.85	0.00	0.00	0.00	0.19	0.00	7.39	0.00	0.95
california mountain kingsnake (san bernardino population)	*Lampropeltis zonata parviruba*	FS	9.27	2.35	19.75	0.91	15.65	0.00	0.00	0.00	0.19	0.00	7.12	0.00	0.50
california mountain kingsnake (san diego population)	*Lampropeltis zonata pulchra*	FS	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29
common gartersnake	*Thamnophis sirtalis*	N/A	16.33	0.02	0.00	0.00	0.00	0.00	1.61	0.00	0.00	0.00	0.00	0.00	0.51
red diamond rattlesnake	*Crotalus ruber*	FS	18.03	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.00	0.00	0.62
two-striped gartersnake	*Thamnophis hammondii*	FS	30.53	2.37	20.08	0.91	15.85	0.18	0.00	0.00	0.19	0.00	0.00	0.00	1.57
Invertebrates															
vernal pool fairy shrimp	*Branchinecta lynchi*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
quino checkerspot butterfly	*Euphydryas editha quino*	FE	7.71	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
delhi sands flower-loving fly	*Rhaphiomidas terminatus abdominalis*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
riverside fairy shrimp	*Streptocephalus woottoni*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants															
san diego thorn-mint	*Acanthomintha ilicifolia*	FT & SE	17.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cushenbury oxytheca	*Acanthoscyphus parishii var. goodmaniana*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00
munz's onion	*Allium munzii*	FE & ST	17.76	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.00	0.00	0.00
san diego ambrosia	*Ambrosia pumila*	FE	17.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
del mar manzanita	*Arctostaphylos glandulosa ssp. crassifolia*	FE	2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
marsh sandwort	*Arenaria paludicola*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cushenbury milk-vetch	*Astragalus albens*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00
braunton's milk-vetch	*Astragalus brauntonii*	FE	17.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lane mountain milk-vetch	*Astragalus jaegerianus*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ventura marsh milk-vetch	*Astragalus pycnostachyus var. lanosissimus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coastal dunes milk-vetch	*Astragalus tener var. titi*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
triple-ribbed milk-vetch	*Astragalus tricarinatus*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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san jacinto valley crownscale	*Atriplex coronata var. notatior*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
encinitas baccharis	*Baccharis vanessae*	FT & SE	17.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
nevin's barberry	*Berberis nevinii*	FE & SE	30.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
thread-leaved brodiaea	*Brodiaea filifolia*	FT & SE	29.75	0.00	20.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dunn's mariposa lily	*Calochortus dunnii*	FS	15.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ash-gray paintbrush	*Castilleja cinerea*	FT	0.00	0.00	0.00	0.00	15.85	0.00	0.00	0.25	0.00	0.00	0.00	26.26	0.00
vail lake ceanothus	*Ceanothus ophiochilus*	FT & SE	15.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
salt marsh bird's-beak	*Chloropyron maritimum ssp. maritimum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
orcutt's spineflower	*Chorizanthe orcuttiana*	FE & SE	2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
red rock tarplant	*Deinandra arida*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
otay tarplant	*Deinandra conjugens*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gaviota tarplant	*Deinandra increscens ssp. Villosa*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mojave tarplant	*Deinandra mohavensis*	FS & SE	27.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cuyamaca larkspur	*Delphinium hesperium ssp. cuyamacae*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mt. laguna aster	*Dieteria asteroides var. lagunensis*	FS	15.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
beach spectaclepod	*Dithyrea maritima*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender-horned spineflower	*Dodecahema leptoceras*	FE & SE	29.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cuyamaca lake downingia	*Downingia concolor var. brevior*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
short-leaved dudleya	*Dudleya brevifolia*	SE	2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
laguna beach dudleya	*Dudleya stolonifera*	FT & ST	2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
big bear valley sandwort	*Eremogone ursina*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	26.26	0.00
santa ana river woollystar	*Eriastrum densifolium ssp. sanctorum*	FE & SE	2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
parish's daisy	*Erigeron parishii*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00
southern mountain buckwheat	*Eriogonum kennedyi var. austromontanum*	FT	11.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.26	0.00
cushenbury buckwheat	*Eriogonum ovalifolium var. vineum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00
san diego button-celery	*Eryngium aristulatum var. parishii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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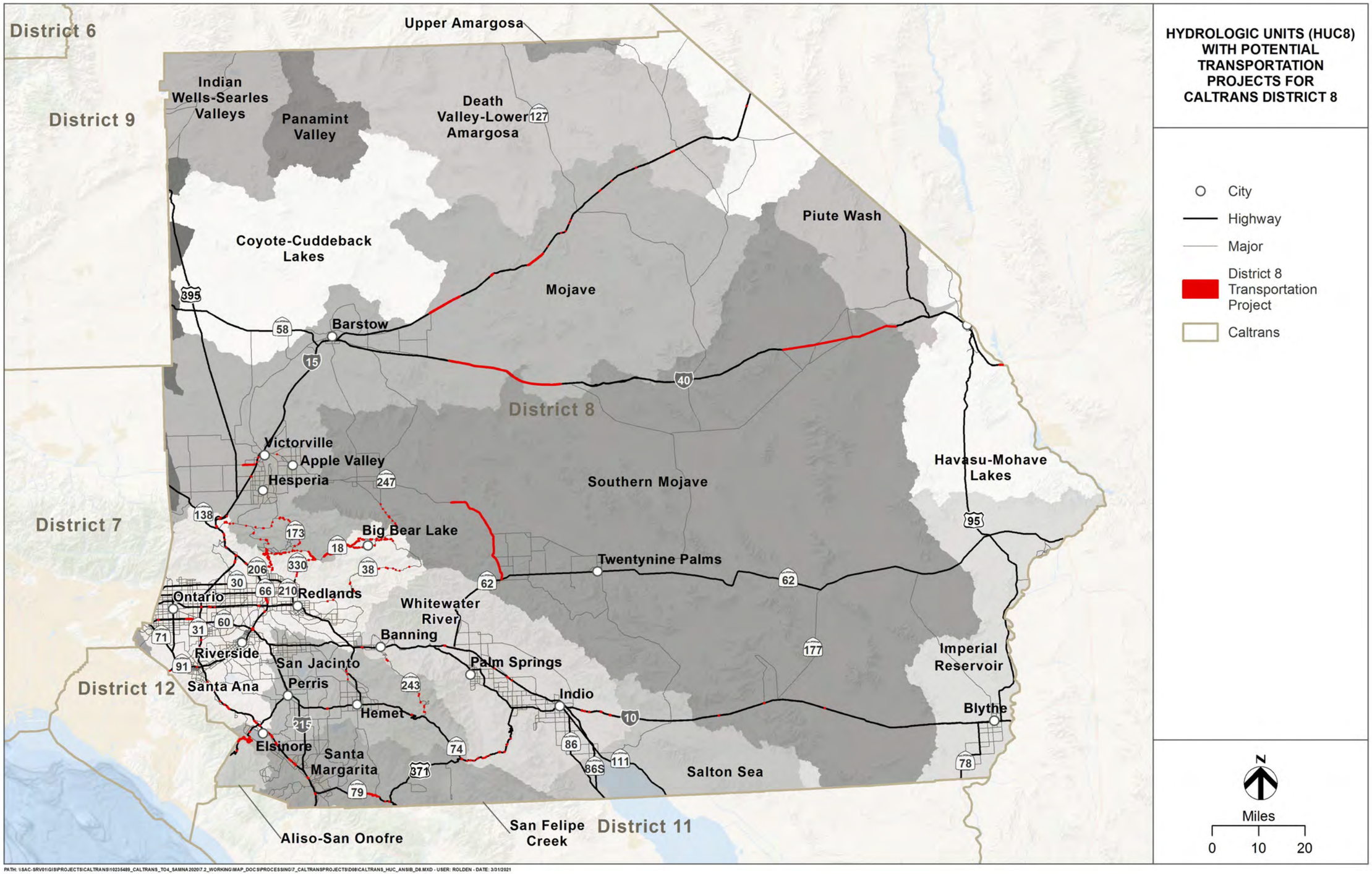
Units are in acres

Common Name	Species Name	Status	Mixed Chaparral	Montane Chaparral	Montane Hardwood	Montane Hardwood - Conifer	Montane Hardwood-Conifer	Montane Riparian	Pasture	Pinyon-Juniper	Ponderosa Pine	Sagebrush	Sierran Mixed Conifer	Urban	Valley Foothill Riparian
mexican flannelbush	*Fremontodendron mexicanum*	FE	15.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
orcutt's hazardia	*Hazardia orcuttii*	ST	2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
rock lady	*Holmgrenanthe petrophila*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tahquitz ivesia	*Ivesia callida*	FS	0.00	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
parish's meadowfoam	*Limnanthes alba ssp. parishii*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
willowy monardella	*Monardella viminea*	FE & SE	2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18
spreading navarretia	*Navarretia fossalis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dehesa nolina	*Nolina interrata*	FS & SE	15.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
eureka dunes evening-primrose	*Oenothera californica ssp. eurekensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california orcutt grass	*Orcuttia californica*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
baja california birdbush	*Ornithostaphylos oppositifolia*	SE	2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gander's ragwort	*Packera ganderi*	N/A	15.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
lyon's pentachaeta	*Pentachaeta lyonii*	FE & SE	2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san bernardino mountains bladderpod	*Physaria kingii ssp. bernardina*	FE	11.98	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00
san diego mesa mint	*Pogogyne abramsii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
otay mesa mint	*Pogogyne nudiuscula*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
small-leaved rose	*Rosa minutifolia*	SE	15.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
parish's checkerbloom	*Sidalcea hickmanii ssp. parishii*	FS	11.98	0.00	20.08	0.00	15.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bird-foot checkerbloom	*Sidalcea pedata*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.26	0.00
eureka valley dune grass	*Swallenia alexandrae*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hidden lake bluecurls	*Trichostema austromontanum ssp. compactum*	FT	0.00	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
big-leaved crownbeard	*Verbesina dissita*	FT & ST	14.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 8 – Hydrologic Units (HUC-8) with Potential Transportation Projects



PATH: \\SAC-SRV01\GIS\PROJECTS\CALTRANS\10235489_CALTRANS_TO4_SAMNA2020\7.2_WORKING\MAP_DOCS\PROCESSING\7_CALTRANS\PROJECTS\D08\CALTRANS_HUC_ANSIB_D8.MXD - USER: ROLDEN - DATE: 3/31/2021

Caltrans District 8 – Watershed Impacts to Waters and Fish Species Summary Table

HUC-8 Name / Common Species Name	Scientific Species Name	Listing Status	Artificial Path	Canal/Ditch	Connector	Lake/Pond	Pipeline	Playa	Stream/River	Wash
Aliso-San Onofre			0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Death Valley-Lower Amargosa			0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00
Cottonball Marsh pupfish	*Cyprinodon salinus milleri*	ST	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00
Havasu-Mohave Lakes			0.00	0.00	0.00	0.08	0.00	0.00	0.11	0.00
Bonytail	*Gila elegans*	FE & SE	0.00	0.00	0.00	0.08	0.00	0.00	0.05	0.00
Colorado pikeminnow	*Ptychocheilus lucius*	FE & SE	0.00	0.00	0.00	0.08	0.00	0.00	0.11	0.00
Razorback sucker	*Xyrauchen texanus*	FE & SE	0.00	0.00	0.00	0.08	0.00	0.00	0.11	0.00
Ivanpah-Pahrump Valleys			0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00
Mohave tui chub	*Siphateles bicolor mohavensis*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00
Mojave			0.00	0.00	0.00	0.00	0.00	0.00	2.64	0.00
Mohave tui chub	*Siphateles bicolor mohavensis*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	2.63	0.00
Salton Sea			0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00
Desert pupfish	*Cyprinodon macularius*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00
Razorback sucker	*Xyrauchen texanus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00
San Jacinto			0.00	0.13	0.00	0.00	0.00	0.00	0.43	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Santa Ana			0.01	0.09	0.00	0.00	0.05	0.00	1.79	0.00
Santa Ana sucker	*Catostomus santaanae*	FT	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00
Unarmored threespine stickleback	*Gasterosteus aculeatus williamsoni*	FE & SE	0.00	0.09	0.00	0.00	0.05	0.00	1.78	0.00
Santa Margarita			0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Southern Mojave			0.00	0.00	0.03	0.00	0.00	0.00	2.09	2.26
Mohave tui chub	*Siphateles bicolor mohavensis*	FE & SE	0.00	0.00	0.03	0.00	0.00	0.00	2.09	2.26
Whitewater River			0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.12
Desert pupfish	*Cyprinodon macularius*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.12
Razorback sucker	*Xyrauchen texanus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.12

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 8 – HUC-8 Watershed Impacts by Wetland Type Summary Table

HUC-8 Name	Depressional Perennial Unnatural Emergent	Freshwater Emergent Wetland	Freshwater Forested/Shrub Wetland	Freshwater Pond	Lacustrine Unnatural Non-vegetated	Lake	Playa	Riverine
Aliso-San Onofre	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.16
Death Valley-Lower Amargosa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
Havasu-Mohave Lakes	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.05
Ivanpah-Pahrump Valleys	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Mojave	0.00	0.12	0.07	10.79	0.00	1.01	19.68	1.72
Salton Sea	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
San Jacinto	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.40
Santa Ana	0.01	0.01	0.03	0.00	0.03	0.00	0.00	0.80
Santa Margarita	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.13
Southern Mojave	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.40
Whitewater River	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56

Units are in acres

APPENDIX I

District 9

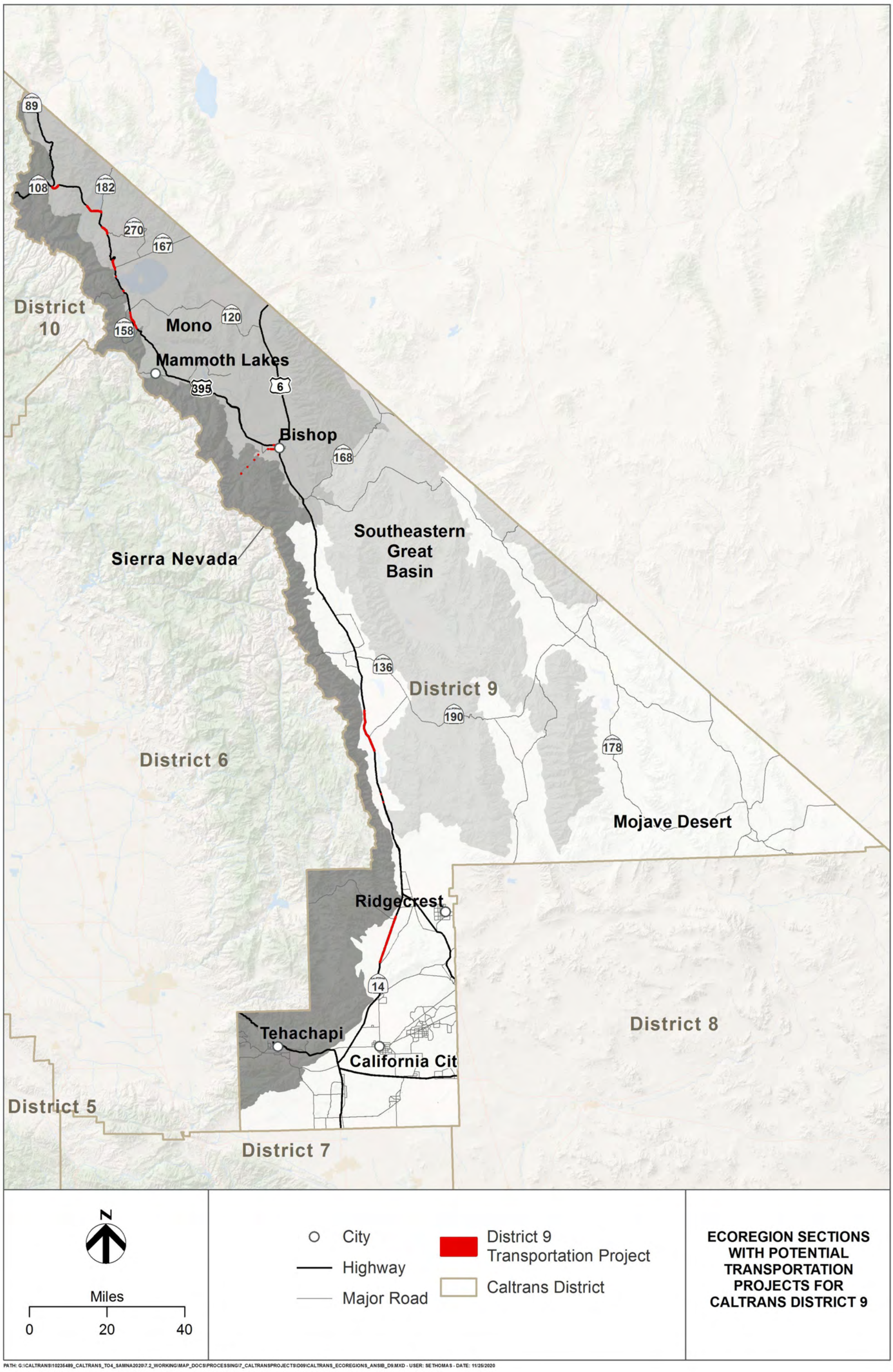
- **Table**: Caltrans District 9 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin
- **Map**: Caltrans District 9 – Ecoregion Sections with Potential Transportation Projects
- **Table**: Caltrans District 9 – Mojave Desert Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 9 – Mono Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 9 – Sierra Nevada Foothills Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 9 – Sierra Nevada Ecoregion Section Impact by Species Summary Table
- **Map**: Caltrans District 9 – Hydrologic Units (HUC-8) with Potential Transportation Projects
- **Table**: Caltrans District 9 – Watershed Impacts to Waters and Fish Species Summary Table
- **Table**: Caltrans District 9 – HUC-8 Watershed Impacts by Wetland Type Summary Table

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Caltrans District 9 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
13540	Mono	395	6.9	9.6	Safety - Collision Reduction	2020/21	Mono	6.34	Crowley Lake	6.34
13580	Inyo	178	43.4		Drainage	2019/20	Mojave Desert	0.08	Upper Amargosa	0.08
16628	Inyo	168	16	17.7	Safety - Collision Reduction	2019/20	Mono	16.44	Crowley Lake	16.44
16629	Mono	395	58.2	60.2	Safety - Collision Reduction	2021/22	Mono	20.35	Mono Lake	20.37
16630	Mono	395	91.6	93.4	Safety - Collision Reduction	2022/23	Mono	7.78	West Walker	7.78
17663	Kern	202	R4.7	R5.1	Safety - Collision Reduction	2021/22	Sierra Nevada	1.02	Middle Kern-Upper Tehachapi-Grapevine	1.02
18974	Mono	395	76	80.6	Pavement	2025/26	Mono	1.01	East Walker	1.01
18987	Mono	395	50.5	55.6	Mobility - ADA	2023/24	Sierra Nevada	1.06	Mono Lake	1.06
19001	Kern	58	89.5	99.8	Pavement	2028/29	Sierra Nevada	5.98	Antelope-Fremont Valleys	3.30
									Middle Kern-Upper Tehachapi-Grapevine	2.68
19004	Kern	14	R12.6	16.7	Pavement	2026/27	Mojave Desert	68.18	Antelope-Fremont Valleys	68.19
19005	Mono	395	R9.8	R12.6	Pavement	2023/24	Mono	0.14	Crowley Lake	0.14
19012	Kern	14	46.2	53	Pavement	2022/23	Mojave Desert	0.07	Indian Wells-Searles Valleys	0.07
19023	Inyo	395	56.83	57.39	Mobility - ADA	2023/24	Mojave Desert	4.99	Owens Lake	4.99
20339	Kern	58	77.2	R88.6	Pavement	2024/25	Sierra Nevada	4.65	Middle Kern-Upper Tehachapi-Grapevine	7.22
							Sierra Nevada Foothills	2.56		
20347	Mono	6	R17.5	26.5	Pavement	2025/26	Mono	0.47	Crowley Lake	0.48
20351	Kern	178	88.6	104.6	Pavement	2027/28	Mojave Desert	0.16	Indian Wells-Searles Valleys	0.16
20354	Inyo	190	96.8	111.6	Pavement	2027/28	Mojave Desert	0.10	Death Valley-Lower Amargosa	0.10
20357	Mono	203	L0	8.671	Pavement	2026/27	Mono	1.66	Crowley Lake	1.76
							Sierra Nevada	0.07		
20430	Kern	202	R5.0	12.093	Pavement	2028/29	Sierra Nevada	21.08	Middle Kern-Upper Tehachapi-Grapevine	21.09
20431	Inyo	168	R0	17.5	Pavement	2028/29	Mono	0.34	Crowley Lake	0.97
							Sierra Nevada	0.57		
21131	Mono	395	84.1	93.4	Pavement	2028/29	Mono	0.18	East Walker	0.12
									West Walker	0.06
21136	Inyo	395	57.9	R59.0	Pavement	2025/26	Mojave Desert	0.34	Owens Lake	0.34
21138	Kern	58	R99.8	R107.7	Pavement	2026/27	Mojave Desert	0.14	Antelope-Fremont Valleys	1.30
							Sierra Nevada	1.14		
21986	Kern	58	138.75	139	Roadside	2028/29	Mojave Desert	1.22	Antelope-Fremont Valleys	1.22
22242	Inyo	190	111.6	126.1	Pavement	2028/29	Mojave Desert	0.07	Death Valley-Lower Amargosa	0.07
22251	Mono	182	5.5	12.6	Pavement	2028/29	Mono	0.32	East Walker	0.33

Caltrans District 9 – Ecoregion Sections with Potential Transportation Projects



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Caltrans District 9 – Mojave Desert Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Barren	Desert Scrub	Desert Wash	Urban
		Total:	7.56	1.91	0.15	10.05	0.10	55.58
Birds								
great blue heron	*Ardea herodias*	N/A	0.00	1.91	0.00	0.00	0.00	55.58
great egret	*Ardea alba*	N/A	0.00	1.91	0.00	0.00	0.00	55.58
osprey	*Pandion haliaetus*	FS	5.33	0.00	0.00	0.18	0.00	0.00
white-tailed kite	*Elanus leucurus*	FS	2.23	1.91	0.00	10.05	0.00	55.58
northern harrier	*Circus cyaneus*	N/A	7.56	1.91	0.15	10.05	0.10	55.58
swainson's hawk	*Buteo swainsoni*	FS & ST	0.00	1.91	0.00	10.05	0.00	55.58
golden eagle	*Aquila chrysaetos*	FS	7.56	1.91	0.15	10.05	0.10	55.58
peregrine falcon	*Falco peregrinus*	FS	0.00	0.00	0.00	0.00	0.00	0.13
california quail	*Callipepla californica*	N/A	7.56	1.91	0.00	10.05	0.00	55.58
burrowing owl	*Athene cunicularia*	FS	7.56	1.91	0.15	10.05	0.10	55.58
long-eared owl	*Asio otus*	N/A	0.00	1.91	0.00	10.05	0.00	0.00
cactus wren	*Campylorhynchus brunneicapillus*	N/A	0.00	0.00	0.00	10.05	0.00	55.58
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.00	0.00	0.00	55.58
crissal thrasher	*Toxostoma crissale*	N/A	0.00	0.00	0.00	0.00	0.08	0.00
le conte's thrasher	*Toxostoma lecontei*	N/A	7.56	0.00	0.00	10.05	0.10	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	7.56	1.91	0.15	10.05	0.10	55.58
lucy's warbler	*Oreothlypis luciae*	FS	0.00	0.00	0.00	0.00	0.08	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.00	0.00	0.00	0.13
bell's sparrow	*Artemisiospiza belli*	N/A	7.56	0.00	0.00	10.05	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	7.56	1.91	0.00	10.05	0.10	0.00
song sparrow	*Melospiza melodia*	N/A	0.00	0.00	0.00	0.00	0.00	29.72
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	1.91	0.00	0.00	0.00	55.58
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	1.91	0.00	0.00	0.00	55.53
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	1.91	0.00	0.00	0.00	0.00
Mammals								
yuma myotis	*Myotis yumanensis*	FS	5.33	0.00	0.00	0.07	0.00	0.00
long-eared myotis	*Myotis evotis*	FS	5.33	0.00	0.00	0.00	0.00	0.00
fringed myotis	*Myotis thysanodes*	FS	0.00	0.00	0.14	0.00	0.08	0.00
small-footed myotis	*Myotis ciliolabrum*	FS	5.33	0.00	0.15	0.18	0.00	0.05
spotted bat	*Euderma maculatum*	FS	7.56	1.91	0.00	10.05	0.10	55.58
townsend's big-eared bat	*Corynorhinus townsendii*	FS	7.56	1.91	0.15	10.05	0.10	55.58
pallid bat	*Antrozous pallidus*	FS	7.56	1.91	0.15	10.05	0.10	55.58
western mastiff bat	*Eumops perotis*	FS	2.23	1.91	0.03	10.05	0.08	55.58
brush rabbit	*Sylvilagus bachmani*	N/A	0.00	0.00	0.00	0.00	0.00	0.13
black-tailed jackrabbit	*Lepus californicus*	N/A	7.56	1.91	0.00	10.05	0.10	55.58
mohave ground squirrel	*Xerospermophilus mohavensis*	FS & ST	7.56	1.91	0.00	10.05	0.00	0.00
round-tailed ground squirrel	*Xerospermophilus tereticaudus*	FS	0.00	0.00	0.00	0.00	0.02	0.00
little pocket mouse	*Perognathus longimembris*	N/A	5.33	0.00	0.00	0.18	0.10	0.00
san joaquin pocket mouse	*Perognathus inornatus*	FS	0.00	1.91	0.00	0.00	0.00	0.00
great basin pocket mouse	*Perognathus parvus*	N/A	5.33	0.00	0.00	0.00	0.00	0.00
merriam's kangaroo rat	*Dipodomys merriami*	N/A	7.56	1.91	0.00	10.05	0.10	0.00
deer mouse	*Peromyscus maniculatus*	N/A	7.56	1.91	0.15	10.05	0.10	55.58
southern grasshopper mouse	*Onychomys torridus*	N/A	7.56	1.91	0.00	10.05	0.10	0.00
desert woodrat	*Neotoma lepida*	N/A	7.56	0.00	0.00	10.05	0.10	0.00
california vole	*Microtus californicus*	N/A	5.33	0.00	0.00	0.00	0.00	0.00
kit fox	*Vulpes macrotis*	N/A	7.56	1.91	0.15	10.05	0.10	0.00
ringtail	*Bassariscus astutus*	N/A	6.75	0.54	0.15	4.96	0.10	0.00
american badger	*Taxidea taxus*	N/A	7.56	1.91	0.15	10.05	0.10	0.00
western spotted skunk	*Spilogale gracilis*	N/A	7.56	1.91	0.00	0.00	0.00	55.53
mountain lion	*Puma concolor*	ST	0.00	0.00	0.00	0.18	0.02	0.00
bighorn sheep	*Ovis canadensis*	FE & SE & ST	5.34	0.00	0.00	0.18	0.10	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Barren	Desert Scrub	Desert Wash	Urban
Reptiles								
mohave desert tortoise	*Gopherus agassizii*	FT & ST	7.56	1.91	0.15	10.05	0.10	0.00
desert night lizard	*Xantusia vigilis*	FS	7.56	1.91	0.00	10.05	0.10	0.00
california legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.00	0.18	0.00	0.00
coachwhip	*Coluber flagellum*	N/A	7.56	1.91	0.00	10.05	0.10	0.00
western patch-nosed snake	*Salvadora hexalepis*	N/A	7.56	1.91	0.15	10.05	0.10	0.00
gophersnake	*Pituophis catenifer*	N/A	7.56	1.91	0.00	10.05	0.10	55.58
Plants								
lane mountain milk-vetch	*Astragalus jaegerianus*	FE	0.00	0.00	0.00	10.05	0.00	0.00
red rock tarplant	*Deinandra arida*	FS	0.00	0.00	0.00	10.05	0.00	0.00
rock lady	*Holmgrenanthe petrophila*	N/A	0.00	0.00	0.00	10.05	0.00	0.00
spreading navarretia	*Navarretia fossalis*	FT	0.00	1.91	0.00	0.00	0.00	0.00
amargosa nitrophila	*Nitrophila mohavensis*	FE & ST	0.00	1.91	0.00	0.00	0.00	0.00
eureka dunes evening-primrose	*Oenothera californica ssp. eurekensis*	N/A	0.00	0.00	0.00	10.05	0.00	0.00
eureka valley dune grass	*Swallenia alexandrae*	FT	0.00	0.00	0.00	10.05	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 9 – Mono Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grass	Aspen	Barren	Bitterbrush	Eastside Pine	Lodgepole Pine
		Total:	0.22	0.27	0.02	6.57	5.68	0.19	0.06
Amphibians									
mount lyell salamander	*Hydromantes platycephalus*	N/A	0.00	0.00	0.00	3.44	0.00	0.00	0.00
yosemite toad	*Anaxyrus canorus*	FT & FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern leopard frog	*Lithobates pipiens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sierra nevada yellow-legged frog	*Rana sierrae*	FE & FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.06
Birds									
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.00	2.48	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.00	0.27	0.00	0.00	0.00	0.19	0.00
osprey	*Pandion haliaetus*	FS	0.00	0.00	0.00	5.92	0.00	0.00	0.00
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.00	0.27	0.02	6.57	5.68	0.19	0.06
northern harrier	*Circus cyaneus*	N/A	0.14	0.27	0.02	6.57	5.68	0.19	0.06
northern goshawk	*Accipiter gentilis*	FS	0.00	0.00	0.02	0.00	5.68	0.19	0.06
swainson's hawk	*Buteo swainsoni*	FS & ST	0.00	0.00	0.00	3.06	0.00	0.00	0.00
golden eagle	*Aquila chrysaetos*	FS	0.22	0.27	0.00	6.57	5.68	0.19	0.06
peregrine falcon	*Falco peregrinus*	FS	0.00	0.27	0.00	6.57	5.68	0.19	0.06
sooty grouse	*Dendragapus fuliginosus*	N/A	0.00	0.24	0.00	0.00	0.00	0.19	0.06
greater sage-grouse	*Centrocercus urophasianus*	FS	0.01	0.00	0.00	5.85	5.68	0.00	0.00
california quail	*Callipepla californica*	N/A	0.22	0.27	0.02	0.00	5.68	0.19	0.00
snowy plover	*Charadrius nivosus*	FT	0.00	0.00	0.00	4.35	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.22	0.27	0.00	6.57	5.68	0.00	0.00
long-eared owl	*Asio otus*	N/A	0.00	0.27	0.02	0.00	5.68	0.19	0.00
short-eared owl	*Asio flammeus*	N/A	0.22	0.27	0.00	0.00	5.68	0.19	0.00
black swift	*Cypseloides niger*	N/A	0.00	0.24	0.00	0.72	0.00	0.00	0.06
willow flycatcher	*Empidonax traillii*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bank swallow	*Riparia riparia*	FS & ST	0.00	0.00	0.00	4.35	0.00	0.00	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
le conte's thrasher	*Toxostoma lecontei*	N/A	0.22	0.00	0.00	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.22	0.27	0.00	6.57	5.68	0.19	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.02	0.00	0.00	0.19	0.06
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.03	0.00	0.00	0.00	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.02	0.00	5.68	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.22	0.00	0.00	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.22	0.27	0.00	0.00	5.68	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.00	0.27	0.02	0.00	0.00	0.19	0.00
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.27	0.00	0.00	0.00	0.00	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.27	0.00	0.00	0.00	0.00	0.00
Mammals									
mt. lyell shrew	*Sorex lyelli*	N/A	0.00	0.00	0.02	0.00	0.00	0.00	0.00
vagrant shrew	*Sorex vagrans*	N/A	0.13	0.03	0.02	0.00	0.00	0.00	0.00
broad-footed mole	*Scapanus latimanus*	N/A	0.00	0.27	0.02	0.00	0.00	0.19	0.06
yuma myotis	*Myotis yumanensis*	FS	0.22	0.27	0.02	0.00	5.68	0.19	0.06
long-eared myotis	*Myotis evotis*	FS	0.22	0.00	0.02	6.57	5.68	0.19	0.06
fringed myotis	*Myotis thysanodes*	FS	0.00	0.27	0.02	6.57	5.68	0.19	0.06
small-footed myotis	*Myotis ciliolabrum*	FS	0.22	0.02	0.00	5.51	0.00	0.00	0.00
spotted bat	*Euderma maculatum*	FS	0.22	0.27	0.00	0.00	5.68	0.19	0.00
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.22	0.17	0.02	6.41	5.68	0.19	0.00
pallid bat	*Antrozous pallidus*	FS	0.22	0.27	0.00	6.57	5.68	0.19	0.06
pygmy rabbit	*Brachylagus idahoensis*	FS	0.00	0.00	0.00	0.00	5.68	0.00	0.00
snowshoe hare	*Lepus americanus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.06
white-tailed jackrabbit	*Lepus townsendii*	N/A	0.00	0.00	0.00	0.00	0.00	0.19	0.06

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Units are in acres

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grass	Aspen	Barren	Bitterbrush	Eastside Pine	Lodgepole Pine
black-tailed jackrabbit	*Lepus californicus*	N/A	0.22	0.27	0.02	0.00	5.68	0.19	0.06
mountain beaver	*Aplodontia rufa*	N/A	0.00	0.00	0.02	0.00	0.00	0.19	0.06
great basin pocket mouse	*Perognathus parvus*	N/A	0.22	0.03	0.00	0.00	5.68	0.00	0.00
merriam's kangaroo rat	*Dipodomys merriami*	N/A	0.22	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.22	0.27	0.02	6.57	5.68	0.19	0.06
southern grasshopper mouse	*Onychomys torridus*	N/A	0.22	0.00	0.00	0.00	0.00	0.00	0.00
desert woodrat	*Neotoma lepida*	N/A	0.22	0.00	0.00	0.00	0.00	0.00	0.00
california vole	*Microtus californicus*	N/A	0.22	0.00	0.00	0.00	0.00	0.00	0.00
red fox	*Vulpes vulpes*	N/A	0.00	0.24	0.00	2.39	0.00	0.19	0.06
sierra nevada red fox	*Vulpes vulpes necator*	FS & ST	0.00	0.24	0.00	2.39	0.00	0.19	0.06
ringtail	*Bassariscus astutus*	N/A	0.22	0.27	0.02	6.57	5.68	0.19	0.00
marten	*Martes caurina*	FS	0.00	0.00	0.02	6.48	0.00	0.19	0.06
wolverine	*Gulo gulo*	FS & ST	0.00	0.00	0.00	4.00	0.00	0.00	0.06
american badger	*Taxidea taxus*	N/A	0.22	0.27	0.02	6.57	5.68	0.19	0.06
western spotted skunk	*Spilogale gracilis*	N/A	0.22	0.17	0.02	0.00	5.68	0.19	0.00
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mountain lion	*Puma concolor*	ST	0.00	0.27	0.02	0.00	5.68	0.19	0.06
bighorn sheep	*Ovis canadensis*	FE & SE & ST	0.22	0.00	0.00	0.00	0.00	0.00	0.00
Reptiles									
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.00	5.68	0.19	0.06
desert night lizard	*Xantusia vigilis*	FS	0.22	0.00	0.00	0.00	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
panamint alligator lizard	*Elgaria panamintina*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	0.02	0.00	0.00	0.00	0.00
coachwhip	*Coluber flagellum*	N/A	0.22	0.03	0.00	0.00	4.37	0.00	0.00
western patch-nosed snake	*Salvadora hexalepis*	N/A	0.22	0.00	0.00	2.95	0.00	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	0.22	0.02	0.00	0.00	0.00	0.19	0.00
Plants									
congdon's lewisia	*Lewisia congdonii*	FS	0.00	0.24	0.00	0.00	0.00	0.00	0.00
father crowley's lupine	*Lupinus padre-crowleyi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
owens valley checkerbloom	*Sidalcea covillei*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Low Sage	Montane Riparian	Pinyon-Juniper	Sagebrush	Sierran Mixed Conifer	Subalpine Conifer	Urban	Wet Meadow
		Total:	0.06	3.43	0.04	21.76	0.14	0.15	12.65	3.80
Amphibians										
mount lyell salamander	*Hydromantes platycephalus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yosemite toad	*Anaxyrus canorus*	FT & FS	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
northern leopard frog	*Lithobates pipiens*	N/A	0.00	2.54	0.00	0.00	0.00	0.00	0.00	3.67
sierra nevada yellow-legged frog	*Rana sierrae*	FE & FS & ST	0.00	0.00	0.00	0.00	0.14	0.15	0.00	0.00
Birds										
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.00	3.43	0.04	0.00	0.14	0.00	12.65	3.80
osprey	*Pandion haliaetus*	FS	0.00	0.13	0.00	17.56	0.00	0.00	0.00	0.00
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.06	3.43	0.04	21.76	0.14	0.15	0.00	3.80
northern harrier	*Circus cyaneus*	N/A	0.06	3.43	0.04	21.76	0.14	0.00	12.54	3.80
northern goshawk	*Accipiter gentilis*	FS	0.06	3.43	0.04	21.76	0.14	0.15	0.00	0.00
swainson's hawk	*Buteo swainsoni*	FS & ST	0.00	0.00	0.00	3.73	0.00	0.00	10.52	3.75
golden eagle	*Aquila chrysaetos*	FS	0.06	3.43	0.04	21.76	0.14	0.15	12.65	3.80
peregrine falcon	*Falco peregrinus*	FS	0.06	3.43	0.04	21.76	0.14	0.00	12.65	3.80
sooty grouse	*Dendragapus fuliginosus*	N/A	0.00	0.00	0.00	0.13	0.14	0.15	0.00	0.00
greater sage-grouse	*Centrocercus urophasianus*	FS	0.06	0.00	0.00	21.63	0.00	0.00	0.00	0.13
california quail	*Callipepla californica*	N/A	0.06	3.43	0.04	21.76	0.14	0.00	12.65	3.80
snowy plover	*Charadrius nivosus*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.06	0.00	0.04	21.76	0.00	0.00	12.65	3.80
long-eared owl	*Asio otus*	N/A	0.06	3.43	0.00	21.76	0.14	0.00	0.00	3.80
short-eared owl	*Asio flammeus*	N/A	0.06	3.43	0.04	21.76	0.14	0.00	12.65	3.80
black swift	*Cypseloides niger*	N/A	0.00	0.00	0.00	0.00	0.14	0.15	0.00	0.00
willow flycatcher	*Empidonax traillii*	FS & SE	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.00
bank swallow	*Riparia riparia*	FS & ST	0.00	2.54	0.00	0.22	0.00	0.00	10.40	3.71
bewick's wren	*Thryomanes bewickii*	N/A	0.00	3.43	0.04	0.00	0.00	0.00	12.65	0.00
le conte's thrasher	*Toxostoma lecontei*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.06	3.43	0.04	21.76	0.00	0.00	12.65	3.80
yellow warbler	*Setophaga petechia*	N/A	0.00	3.43	0.00	0.00	0.14	0.00	12.65	0.00
common yellowthroat	*Geothlypis trichas*	N/A	0.00	2.63	0.00	0.00	0.00	0.00	0.00	3.80
yellow-breasted chat	*Icteria virens*	N/A	0.00	2.54	0.00	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	3.43	0.04	21.67	0.00	0.00	12.65	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.06	0.00	0.04	21.76	0.00	0.00	0.00	3.80
song sparrow	*Melospiza melodia*	N/A	0.00	3.43	0.04	0.00	0.14	0.00	12.65	3.80
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	3.43	0.00	0.00	0.00	0.00	12.65	3.80
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.80
Mammals										
mt. lyell shrew	*Sorex lyelli*	N/A	0.00	0.90	0.00	0.00	0.00	0.15	0.00	0.05
vagrant shrew	*Sorex vagrans*	N/A	0.00	0.80	0.00	0.00	0.00	0.00	0.00	3.78
broad-footed mole	*Scapanus latimanus*	N/A	0.00	3.43	0.00	0.00	0.14	0.00	0.00	3.80
yuma myotis	*Myotis yumanensis*	FS	0.06	3.43	0.04	21.76	0.14	0.15	12.65	3.80
long-eared myotis	*Myotis evotis*	FS	0.00	3.43	0.04	21.76	0.14	0.15	0.00	3.80
fringed myotis	*Myotis thysanodes*	FS	0.06	3.43	0.04	21.76	0.14	0.00	12.65	0.00
small-footed myotis	*Myotis ciliolabrum*	FS	0.00	2.76	0.04	21.57	0.00	0.00	11.45	3.77
spotted bat	*Euderma maculatum*	FS	0.06	3.43	0.04	21.76	0.14	0.00	12.65	3.80
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.06	3.43	0.04	21.76	0.08	0.00	12.65	3.80
pallid bat	*Antrozous pallidus*	FS	0.06	3.43	0.04	21.76	0.14	0.00	12.65	3.80
pygmy rabbit	*Brachylagus idahoensis*	FS	0.00	0.00	0.04	21.72	0.00	0.00	0.00	0.00
snowshoe hare	*Lepus americanus*	N/A	0.00	0.01	0.00	0.00	0.14	0.15	0.00	0.00
white-tailed jackrabbit	*Lepus townsendii*	N/A	0.06	0.00	0.00	21.76	0.00	0.15	0.00	3.80
black-tailed jackrabbit	*Lepus californicus*	N/A	0.06	3.43	0.04	21.76	0.14	0.15	12.65	3.80
mountain beaver	*Aplodontia rufa*	N/A	0.00	0.80	0.00	0.00	0.14	0.15	0.00	0.07
great basin pocket mouse	*Perognathus parvus*	N/A	0.06	3.43	0.04	21.67	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Low Sage	Montane Riparian	Pinyon-Juniper	Sagebrush	Sierran Mixed Conifer	Subalpine Conifer	Urban	Wet Meadow
merriam's kangaroo rat	*Dipodomys merriami*	N/A	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.06	3.43	0.04	21.76	0.14	0.15	12.65	3.80
southern grasshopper mouse	*Onychomys torridus*	N/A	0.00	2.54	0.00	0.31	0.00	0.00	0.00	0.00
desert woodrat	*Neotoma lepida*	N/A	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00
california vole	*Microtus californicus*	N/A	0.00	2.54	0.00	0.31	0.00	0.00	10.52	3.67
red fox	*Vulpes vulpes*	N/A	0.00	0.00	0.00	0.00	0.14	0.15	0.00	0.00
sierra nevada red fox	*Vulpes vulpes necator*	FS & ST	0.00	0.00	0.00	0.00	0.14	0.15	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	0.06	3.43	0.04	21.76	0.14	0.00	0.00	3.80
marten	*Martes caurina*	FS	0.00	0.90	0.00	0.00	0.14	0.15	0.00	0.05
wolverine	*Gulo gulo*	FS & ST	0.00	0.68	0.00	0.00	0.14	0.15	0.00	0.00
american badger	*Taxidea taxus*	N/A	0.06	3.43	0.04	21.76	0.14	0.15	0.00	3.80
western spotted skunk	*Spilogale gracilis*	N/A	0.06	3.43	0.04	21.76	0.14	0.00	12.65	3.80
northern river otter	*Lontra canadensis*	N/A	0.00	3.21	0.00	0.00	0.00	0.00	0.00	3.71
mountain lion	*Puma concolor*	ST	0.06	3.43	0.04	21.76	0.14	0.15	0.00	3.80
bighorn sheep	*Ovis canadensis*	FE & SE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reptiles										
common sagebrush lizard	*Sceloporus graciosus*	FS	0.06	0.00	0.04	21.76	0.14	0.00	0.00	0.00
desert night lizard	*Xantusia vigilis*	FS	0.00	0.00	0.00	3.73	0.00	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.00	0.09	0.04	0.00	0.00	0.00	0.00	0.00
panamint alligator lizard	*Elgaria panamintina*	FS	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.00
northern rubber boa	*Charina bottae*	N/A	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.05
coachwhip	*Coluber flagellum*	N/A	0.00	0.00	0.04	21.62	0.00	0.00	0.00	0.00
western patch-nosed snake	*Salvadora hexalepis*	N/A	0.00	0.00	0.00	0.31	0.00	0.00	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	0.06	2.76	0.04	21.71	0.02	0.00	11.50	3.77
Plants										
congdon's lewisia	*Lewisia congdonii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
father crowley's lupine	*Lupinus padre-crowleyi*	N/A	0.00	3.43	0.00	0.00	0.00	0.00	0.00	0.00
owens valley checkerbloom	*Sidalcea covillei*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.80

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N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 9 – Sierra Nevada Foothills Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Mixed Chaparral	Urban
		Total:	1.43	0.15	0.15	0.20	0.63
Amphibians							
california newt	*Taricha torosa*	N/A	0.96	0.00	0.00	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.15	0.20	0.00
yellow-blotched salamander	*Ensatina eschscholtzii croceator*	FS	0.00	0.00	0.15	0.20	0.00
tehachapi slender salamander	*Batrachoseps stebbinsi*	FS & ST	0.00	0.00	0.15	0.00	0.00
western spadefoot	*Spea hammondii*	FS	0.96	0.00	0.00	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	1.43	0.00	0.15	0.20	0.00
Birds							
great blue heron	*Ardea herodias*	N/A	1.43	0.00	0.15	0.00	0.63
great egret	*Ardea alba*	N/A	1.43	0.00	0.15	0.00	0.63
greater white-fronted goose	*Anser albifrons*	N/A	0.96	0.00	0.00	0.00	0.00
california condor	*Gymnogyps californianus*	FE & SE	1.43	0.15	0.15	0.20	0.00
osprey	*Pandion haliaetus*	FS	1.43	0.15	0.15	0.20	0.00
white-tailed kite	*Elanus leucurus*	FS	1.43	0.15	0.15	0.20	0.63
bald eagle	*Haliaeetus leucocephalus*	FS & SE	1.43	0.15	0.15	0.20	0.00
northern harrier	*Circus cyaneus*	N/A	1.43	0.15	0.15	0.20	0.63
swainson's hawk	*Buteo swainsoni*	FS & ST	1.43	0.15	0.15	0.20	0.63
golden eagle	*Aquila chrysaetos*	FS	1.43	0.15	0.15	0.20	0.63
peregrine falcon	*Falco peregrinus*	FS	1.43	0.15	0.15	0.20	0.63
mount pinos sooty grouse	*Dendragapus obscurus howardi*	N/A	0.96	0.00	0.00	0.00	0.00
california quail	*Callipepla californica*	N/A	1.43	0.00	0.15	0.20	0.63
sandhill crane	*Grus canadensis*	N/A	0.96	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	1.43	0.15	0.15	0.20	0.63
long-eared owl	*Asio otus*	N/A	1.43	0.00	0.15	0.20	0.00
short-eared owl	*Asio flammeus*	N/A	1.43	0.00	0.15	0.20	0.63
purple martin	*Progne subis*	N/A	0.96	0.00	0.00	0.00	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.15	0.20	0.63
loggerhead shrike	*Lanius ludovicianus*	N/A	1.43	0.15	0.15	0.20	0.63
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.15	0.20	0.63
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.15	0.20	0.63
common yellowthroat	*Geothlypis trichas*	N/A	1.43	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.15	0.20	0.63
california towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.15	0.20	0.63
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	1.43	0.00	0.00	0.20	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	1.43	0.00	0.15	0.20	0.00
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	1.43	0.00	0.15	0.20	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	1.43	0.00	0.15	0.20	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	1.43	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	1.43	0.00	0.15	0.20	0.63
red-winged blackbird	*Agelaius phoeniceus*	N/A	1.43	0.00	0.00	0.00	0.63
tricolored blackbird	*Agelaius tricolor*	FS & ST	1.43	0.00	0.00	0.00	0.63
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.96	0.00	0.00	0.00	0.00
Mammals							
ornate shrew	*Sorex ornatus*	N/A	1.43	0.00	0.15	0.20	0.00
broad-footed mole	*Scapanus latimanus*	N/A	1.43	0.00	0.15	0.00	0.00
yuma myotis	*Myotis yumanensis*	FS	1.43	0.00	0.15	0.20	0.63
long-eared myotis	*Myotis evotis*	FS	0.00	0.15	0.15	0.20	0.00
fringed myotis	*Myotis thysanodes*	FS	1.43	0.15	0.15	0.20	0.63
small-footed myotis	*Myotis ciliolabrum*	FS	1.43	0.15	0.15	0.20	0.63
western red bat	*Lasiurus blossevillii*	N/A	1.43	0.00	0.15	0.20	0.63
spotted bat	*Euderma maculatum*	FS	1.43	0.00	0.15	0.00	0.63

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N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Mixed Chaparral	Urban
townsend's big-eared bat	*Corynorhinus townsendii*	FS	1.43	0.15	0.15	0.20	0.63
pallid bat	*Antrozous pallidus*	FS	1.43	0.15	0.15	0.20	0.63
western mastiff bat	*Eumops perotis*	FS	1.43	0.15	0.15	0.20	0.63
brush rabbit	*Sylvilagus bachmani*	N/A	1.43	0.00	0.15	0.20	0.63
black-tailed jackrabbit	*Lepus californicus*	N/A	1.43	0.00	0.15	0.20	0.63
nelson's antelope ground squirrel	*Ammospermophilus nelsoni*	FS & ST	0.96	0.00	0.00	0.00	0.00
san joaquin pocket mouse	*Perognathus inornatus*	FS	1.43	0.15	0.15	0.20	0.00
california pocket mouse	*Chaetodipus californicus*	N/A	1.43	0.00	0.15	0.20	0.00
heermann's kangaroo rat	*Dipodomys heermanni*	N/A	1.43	0.00	0.15	0.20	0.00
fresno kangaroo rat	*Dipodomys nitratoides*	FE & SE	0.96	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	1.43	0.15	0.15	0.20	0.63
southern grasshopper mouse	*Onychomys torridus*	N/A	1.43	0.00	0.00	0.20	0.00
desert woodrat	*Neotoma lepida*	N/A	0.00	0.00	0.00	0.20	0.00
california vole	*Microtus californicus*	N/A	1.43	0.00	0.15	0.20	0.63
red fox	*Vulpes vulpes*	N/A	0.96	0.00	0.00	0.00	0.00
kit fox	*Vulpes macrotis*	N/A	0.96	0.00	0.00	0.00	0.00
san joaquin kit fox	*Vulpes macrotis mutica*	FE & ST	0.96	0.00	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	1.43	0.15	0.15	0.20	0.00
american badger	*Taxidea taxus*	N/A	1.43	0.15	0.15	0.20	0.00
western spotted skunk	*Spilogale gracilis*	N/A	1.43	0.00	0.15	0.20	0.63
mountain lion	*Puma concolor*	ST	1.43	0.00	0.15	0.20	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	0.15	0.20	0.00
Reptiles							
blunt-nosed leopard lizard	*Gambelia sila*	FE & SE	0.96	0.00	0.00	0.00	0.00
blainville's horned lizard	*Phrynosoma blainvillii*	FS	1.43	0.00	0.15	0.20	0.00
desert night lizard	*Xantusia vigilis*	FS	1.43	0.00	0.15	0.00	0.00
california legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.15	0.20	0.00
ring-necked snake	*Diadophis punctatus*	N/A	1.43	0.00	0.10	0.20	0.10
coachwhip	*Coluber flagellum*	N/A	1.43	0.00	0.15	0.20	0.00
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.15	0.20	0.00
western patch-nosed snake	*Salvadora hexalepis*	N/A	1.43	0.15	0.15	0.20	0.00
gophersnake	*Pituophis catenifer*	N/A	1.43	0.00	0.15	0.20	0.63
common gartersnake	*Thamnophis sirtalis*	N/A	1.43	0.00	0.15	0.20	0.00
Plants							
kaweah brodiaea	*Brodiaea insignis*	FS & SE	1.43	0.00	0.00	0.00	0.00
tree-anemone	*Carpenteria californica*	FS & ST	0.00	0.00	0.00	0.20	0.00
succulent owl's-clover	*Castilleja campestris var. succulenta*	FT & SE	1.43	0.00	0.00	0.00	0.00
california jewelflower	*Caulanthus californicus*	FE & SE	0.96	0.00	0.00	0.00	0.00
palmate-bracted bird's-beak	*Chloropyron palmatum*	FE & SE	0.96	0.00	0.00	0.00	0.00
springville clarkia	*Clarkia springvillensis*	FT & SE	1.43	0.00	0.00	0.20	0.00
kern mallow	*Eremalche parryi ssp. kernensis*	FE	0.96	0.00	0.00	0.00	0.00
hoover's spurge	*Euphorbia hooveri*	FT	0.96	0.00	0.00	0.00	0.00
striped adobe-lily	*Fritillaria striata*	FS & ST	1.43	0.00	0.00	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.96	0.00	0.00	0.00	0.00
san joaquin woollythreads	*Monolopia congdonii*	FE	0.96	0.00	0.00	0.00	0.00
colusa grass	*Neostapfia colusana*	FT & SE	0.96	0.00	0.00	0.00	0.00
bakersfield cactus	*Opuntia basilaris var. treleasei*	FE & SE	0.96	0.00	0.00	0.00	0.00
san joaquin valley orcutt grass	*Orcuttia inaequalis*	FT & SE	0.96	0.00	0.00	0.00	0.00
hairy orcutt grass	*Orcuttia pilosa*	FE & SE	0.96	0.00	0.00	0.00	0.00
san joaquin adobe sunburst	*Pseudobahia peirsonii*	FT & SE	1.43	0.00	0.00	0.00	0.00
keck's checkerbloom	*Sidalcea keckii*	FE	1.43	0.00	0.00	0.00	0.00
greene's tuctoria	*Tuctoria greenei*	FE	0.96	0.00	0.00	0.00	0.00

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Units are in acres

Caltrans District 9 – Sierra Nevada Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grass	Barren	Bitterbrush	Blue Oak Woodland
		Total:	0.01	13.19	3.47	0.29	1.05
Amphibians							
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.00	0.00	1.05
yellow-blotched salamander	*Ensatina eschscholtzii croceator*	FS	0.00	0.00	0.00	0.00	1.05
tehachapi slender salamander	*Batrachoseps stebbinsi*	FS & ST	0.00	0.00	0.00	0.00	1.05
mount lyell salamander	*Hydromantes platycephalus*	N/A	0.00	0.00	0.96	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.00	13.04	0.00	0.00	1.05
sierra nevada yellow-legged frog	*Rana sierrae*	FE & FS & ST	0.00	0.00	0.00	0.00	0.00
Birds							
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.72	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.00	13.19	0.00	0.00	1.05
great egret	*Ardea alba*	N/A	0.00	3.99	0.00	0.00	0.00
california condor	*Gymnogyps californianus*	FE & SE	0.00	13.04	0.25	0.00	1.05
osprey	*Pandion haliaetus*	FS	0.01	13.19	3.47	0.29	1.05
white-tailed kite	*Elanus leucurus*	FS	0.00	3.99	0.05	0.00	0.00
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.00	13.19	3.47	0.29	1.05
northern harrier	*Circus cyaneus*	N/A	0.01	13.19	3.44	0.29	1.05
northern goshawk	*Accipiter gentilis*	FS	0.00	0.00	0.00	0.29	0.00
swainson's hawk	*Buteo swainsoni*	FS & ST	0.00	3.99	0.08	0.00	0.00
golden eagle	*Aquila chrysaetos*	FS	0.01	13.19	3.47	0.29	1.05
peregrine falcon	*Falco peregrinus*	FS	0.00	13.19	3.47	0.29	1.05
sooty grouse	*Dendragapus fuliginosus*	N/A	0.00	0.00	0.00	0.00	0.00
mount pinos sooty grouse	*Dendragapus obscurus howardi*	N/A	0.00	3.99	0.00	0.00	0.00
greater sage-grouse	*Centrocercus urophasianus*	FS	0.00	0.00	0.76	0.18	0.00
california quail	*Callipepla californica*	N/A	0.01	13.19	0.00	0.29	1.05
snowy plover	*Charadrius nivosus*	FT	0.00	0.00	0.76	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.00	12.86	2.90	0.11	0.42
long-eared owl	*Asio otus*	N/A	0.00	13.19	0.00	0.29	1.05
short-eared owl	*Asio flammeus*	N/A	0.00	3.99	0.00	0.11	0.00
black swift	*Cypseloides niger*	N/A	0.00	0.00	0.05	0.00	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.00	0.00
willow flycatcher	*Empidonax traillii*	FS & SE	0.00	0.00	0.00	0.00	0.00
purple martin	*Progne subis*	N/A	0.00	13.04	0.00	0.00	1.05
bank swallow	*Riparia riparia*	FS & ST	0.00	0.00	0.78	0.18	0.00
cactus wren	*Campylorhynchus brunneicapillus*	N/A	0.00	0.00	0.00	0.00	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.00	0.00	1.05
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00
le conte's thrasher	*Toxostoma lecontei*	N/A	0.01	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.01	13.19	3.44	0.29	1.05
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.00	0.00	1.05
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.00	0.00	1.05
common yellowthroat	*Geothlypis trichas*	N/A	0.00	13.04	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.00	0.29	1.05
california towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.00	0.00	1.05
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.00	13.04	0.00	0.00	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	0.00	3.99	0.00	0.00	0.00
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	0.00	3.99	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.01	0.00	0.00	0.08	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.01	13.19	0.00	0.11	1.05
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	3.99	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.00	13.19	0.00	0.00	1.05
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	13.19	0.00	0.00	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	3.99	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grass	Barren	Bitterbrush	Blue Oak Woodland
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.25	0.00	0.00	0.00
Mammals							
mt. lyell shrew	*Sorex lyelli*	N/A	0.00	0.00	0.00	0.00	0.00
vagrant shrew	*Sorex vagrans*	N/A	0.00	0.00	0.00	0.00	0.00
ornate shrew	*Sorex ornatus*	N/A	0.00	13.04	0.00	0.00	1.05
broad-footed mole	*Scapanus latimanus*	N/A	0.00	13.19	0.00	0.00	1.05
yuma myotis	*Myotis yumanensis*	FS	0.01	13.19	0.00	0.29	1.05
long-eared myotis	*Myotis evotis*	FS	0.00	0.00	3.11	0.29	1.05
fringed myotis	*Myotis thysanodes*	FS	0.00	13.19	3.47	0.29	1.05
small-footed myotis	*Myotis ciliolabrum*	FS	0.00	13.04	2.93	0.18	1.05
western red bat	*Lasiurus blossevillii*	N/A	0.00	4.17	0.00	0.00	0.63
spotted bat	*Euderma maculatum*	FS	0.01	13.19	0.00	0.29	1.05
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.01	13.19	3.34	0.25	1.05
pallid bat	*Antrozous pallidus*	FS	0.01	13.19	3.47	0.29	1.05
western mastiff bat	*Eumops perotis*	FS	0.01	13.19	2.50	0.00	1.05
pygmy rabbit	*Brachylagus idahoensis*	FS	0.00	0.00	0.00	0.11	0.00
brush rabbit	*Sylvilagus bachmani*	N/A	0.01	13.19	0.00	0.00	1.05
snowshoe hare	*Lepus americanus*	N/A	0.00	0.00	0.00	0.00	0.00
white-tailed jackrabbit	*Lepus townsendii*	N/A	0.00	0.00	0.00	0.00	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	0.01	13.19	0.00	0.11	1.05
mountain beaver	*Aplodontia rufa*	N/A	0.00	0.00	0.00	0.00	0.00
mohave ground squirrel	*Xerospermophilus mohavensis*	FS & ST	0.01	0.25	0.00	0.00	0.00
little pocket mouse	*Perognathus longimembris*	N/A	0.00	0.00	0.00	0.00	0.00
san joaquin pocket mouse	*Perognathus inornatus*	FS	0.00	13.19	2.50	0.00	1.03
great basin pocket mouse	*Perognathus parvus*	N/A	0.00	0.00	0.00	0.25	0.00
white-eared pocket mouse	*Perognathus alticolus*	FS	0.00	0.00	0.00	0.00	0.00
california pocket mouse	*Chaetodipus californicus*	N/A	0.00	13.19	0.00	0.00	1.05
heermann's kangaroo rat	*Dipodomys heermanni*	N/A	0.00	3.99	0.00	0.00	0.00
merriam's kangaroo rat	*Dipodomys merriami*	N/A	0.01	0.25	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.01	13.19	3.47	0.29	1.05
southern grasshopper mouse	*Onychomys torridus*	N/A	0.01	13.19	0.00	0.00	0.00
desert woodrat	*Neotoma lepida*	N/A	0.01	0.00	0.00	0.00	0.00
california vole	*Microtus californicus*	N/A	0.00	13.04	0.00	0.00	1.05
red fox	*Vulpes vulpes*	N/A	0.00	0.00	0.96	0.00	0.00
sierra nevada red fox	*Vulpes vulpes necator*	FS & ST	0.00	0.00	0.96	0.00	0.00
kit fox	*Vulpes macrotis*	N/A	0.00	0.00	0.05	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	0.01	13.19	3.47	0.29	1.05
marten	*Martes caurina*	FS	0.00	0.00	0.96	0.00	0.00
wolverine	*Gulo gulo*	FS & ST	0.00	0.00	0.32	0.00	0.00
american badger	*Taxidea taxus*	N/A	0.01	13.19	3.47	0.29	1.05
western spotted skunk	*Spilogale gracilis*	N/A	0.01	13.19	0.00	0.29	1.05
mountain lion	*Puma concolor*	ST	0.00	13.19	0.00	0.29	1.05
bighorn sheep	*Ovis canadensis*	FE & SE & ST	0.01	0.00	0.00	0.00	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	0.00	0.00	1.05
Reptiles							
mohave desert tortoise	*Gopherus agassizii*	FT & ST	0.01	0.25	0.35	0.00	0.00
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.29	0.00
blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.01	13.19	0.00	0.00	1.05
desert night lizard	*Xantusia vigilis*	FS	0.01	13.19	0.00	0.00	1.05
california legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.00	0.00	1.05
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	0.00	0.00	0.00
ring-necked snake	*Diadophis punctatus*	N/A	0.00	0.42	0.00	0.00	0.00
coachwhip	*Coluber flagellum*	N/A	0.01	13.19	0.00	0.00	1.05
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.00	0.00	1.05
western patch-nosed snake	*Salvadora hexalepis*	N/A	0.01	13.19	2.53	0.00	1.05

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N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grass	Barren	Bitterbrush	Blue Oak Woodland
gophersnake	*Pituophis catenifer*	N/A	0.01	13.19	0.00	0.25	1.05
common gartersnake	*Thamnophis sirtalis*	N/A	0.00	13.04	0.00	0.00	1.05
Plants							
lane mountain milk-vetch	*Astragalus jaegerianus*	FE	0.00	0.00	0.00	0.00	0.00
long valley milk-vetch	*Astragalus johannis-howellii*	FS	0.00	0.00	0.00	0.00	0.00
mono milk-vetch	*Astragalus monoensis*	FS	0.00	0.00	0.00	0.00	0.00
kaweah brodiaea	*Brodiaea insignis*	FS & SE	0.00	7.51	0.00	0.00	0.00
tree-anemone	*Carpenteria californica*	FS & ST	0.00	0.00	0.00	0.00	0.00
succulent owl's-clover	*Castilleja campestris var. succulenta*	FT & SE	0.00	7.51	0.00	0.00	0.00
springville clarkia	*Clarkia springvillensis*	FT & SE	0.00	7.51	0.00	0.00	0.00
red rock tarplant	*Deinandra arida*	FS	0.00	0.00	0.00	0.00	0.00
striped adobe-lily	*Fritillaria striata*	FS & ST	0.00	7.51	0.00	0.00	0.00
rock lady	*Holmgrenanthe petrophila*	N/A	0.00	0.00	0.00	0.00	0.00
father crowley's lupine	*Lupinus padre-crowleyi*	N/A	0.00	0.00	0.00	0.00	0.00
eureka dunes evening-primrose	*Oenothera californica ssp. eurekensis*	N/A	0.00	0.00	0.00	0.00	0.00
san joaquin adobe sunburst	*Pseudobahia peirsonii*	FT & SE	0.00	7.51	0.00	0.00	0.00
keck's checkerbloom	*Sidalcea keckii*	FE	0.00	7.51	0.00	0.00	0.00
eureka valley dune grass	*Swallenia alexandrae*	FT	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Blue Oak-Foothill Pine	Desert Scrub	Eastside Pine	Juniper	Mixed Chaparral	Montane Riparian	Sagebrush	Urban
		Total:	0.03	0.49	0.01	0.11	0.08	0.10	0.21	16.53
Amphibians										
ensatina	*Ensatina eschscholtzii*	N/A	0.03	0.00	0.00	0.00	0.08	0.00	0.00	0.00
yellow-blotched salamander	*Ensatina eschscholtzii croceator*	FS	0.03	0.00	0.00	0.00	0.08	0.00	0.00	0.00
tehachapi slender salamander	*Batrachoseps stebbinsi*	FS & ST	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mount lyell salamander	*Hydromantes platycephalus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.03	0.00	0.00	0.00	0.08	0.00	0.00	0.00
sierra nevada yellow-legged frog	*Rana sierrae*	FE & FS & ST	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
Birds										
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.03	0.00	0.01	0.11	0.00	0.10	0.00	16.53
great egret	*Ardea alba*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46
california condor	*Gymnogyps californianus*	FE & SE	0.03	0.00	0.00	0.00	0.08	0.00	0.09	0.00
osprey	*Pandion haliaetus*	FS	0.03	0.49	0.01	0.11	0.08	0.10	0.21	0.00
white-tailed kite	*Elanus leucurus*	FS	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.46
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.03	0.00	0.01	0.11	0.08	0.10	0.21	0.00
northern harrier	*Circus cyaneus*	N/A	0.03	0.49	0.01	0.11	0.08	0.10	0.18	16.53
northern goshawk	*Accipiter gentilis*	FS	0.00	0.00	0.01	0.00	0.00	0.10	0.12	0.00
swainson's hawk	*Buteo swainsoni*	FS & ST	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.46
golden eagle	*Aquila chrysaetos*	FS	0.03	0.49	0.01	0.11	0.08	0.10	0.21	16.53
peregrine falcon	*Falco peregrinus*	FS	0.03	0.00	0.01	0.11	0.08	0.10	0.21	16.53
sooty grouse	*Dendragapus fuliginosus*	N/A	0.00	0.00	0.01	0.00	0.00	0.10	0.12	0.00
mount pinos sooty grouse	*Dendragapus obscurus howardi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00
greater sage-grouse	*Centrocercus urophasianus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
california quail	*Callipepla californica*	N/A	0.03	0.49	0.01	0.11	0.08	0.10	0.18	16.53
snowy plover	*Charadrius nivosus*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.00	0.29	0.00	0.01	0.00	0.00	0.11	16.00
long-eared owl	*Asio otus*	N/A	0.03	0.49	0.01	0.11	0.08	0.10	0.21	0.00
short-eared owl	*Asio flammeus*	N/A	0.00	0.16	0.00	0.00	0.00	0.10	0.02	0.00
black swift	*Cypseloides niger*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.03	0.00	0.01	0.00	0.08	0.10	0.00	0.00
willow flycatcher	*Empidonax traillii*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
purple martin	*Progne subis*	N/A	0.03	0.00	0.00	0.00	0.00	0.00	0.00	16.28
bank swallow	*Riparia riparia*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.10	0.02	0.00
cactus wren	*Campylorhynchus brunneicapillus*	N/A	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.26
bewick's wren	*Thryomanes bewickii*	N/A	0.03	0.00	0.00	0.11	0.08	0.10	0.00	16.53
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
le conte's thrasher	*Toxostoma lecontei*	N/A	0.00	0.49	0.00	0.00	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.03	0.49	0.01	0.11	0.08	0.10	0.18	16.53
hutton's vireo	*Vireo huttoni*	N/A	0.03	0.00	0.00	0.00	0.08	0.00	0.00	15.71
yellow warbler	*Setophaga petechia*	N/A	0.03	0.00	0.01	0.00	0.08	0.10	0.00	16.28
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.03	0.00	0.01	0.11	0.08	0.10	0.18	16.53
california towhee	*Pipilo crissalis*	N/A	0.03	0.00	0.00	0.00	0.08	0.00	0.00	16.28
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.03	0.00	0.00	0.00	0.08	0.00	0.09	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.49	0.00	0.10	0.00	0.00	0.01	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.03	0.43	0.00	0.11	0.08	0.00	0.11	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.03	0.00	0.01	0.00	0.08	0.10	0.00	16.53
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.00	0.00	0.00	0.00	0.10	0.00	16.53
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Blue Oak-Foothill Pine	Desert Scrub	Eastside Pine	Juniper	Mixed Chaparral	Montane Riparian	Sagebrush	Urban
Mammals										
mt. lyell shrew	*Sorex lyelli*	N/A	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
vagrant shrew	*Sorex vagrans*	N/A	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
ornate shrew	*Sorex ornatus*	N/A	0.03	0.00	0.00	0.00	0.08	0.00	0.00	0.00
broad-footed mole	*Scapanus latimanus*	N/A	0.03	0.00	0.01	0.00	0.00	0.10	0.00	0.00
yuma myotis	*Myotis yumanensis*	FS	0.03	0.43	0.01	0.11	0.08	0.10	0.21	16.51
long-eared myotis	*Myotis evotis*	FS	0.03	0.00	0.01	0.01	0.08	0.10	0.21	0.00
fringed myotis	*Myotis thysanodes*	FS	0.03	0.00	0.01	0.11	0.08	0.10	0.21	16.53
small-footed myotis	*Myotis ciliolabrum*	FS	0.03	0.31	0.00	0.01	0.08	0.10	0.11	16.28
western red bat	*Lasiurus blossevillii*	N/A	0.03	0.00	0.00	0.00	0.08	0.00	0.00	0.58
spotted bat	*Euderma maculatum*	FS	0.03	0.49	0.01	0.11	0.00	0.10	0.21	16.53
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.03	0.49	0.01	0.11	0.08	0.10	0.13	16.53
pallid bat	*Antrozous pallidus*	FS	0.03	0.49	0.01	0.11	0.08	0.10	0.21	16.53
western mastiff bat	*Eumops perotis*	FS	0.03	0.27	0.00	0.11	0.08	0.00	0.00	16.53
pygmy rabbit	*Brachylagus idahoensis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
brush rabbit	*Sylvilagus bachmani*	N/A	0.03	0.00	0.00	0.00	0.08	0.00	0.00	16.53
snowshoe hare	*Lepus americanus*	N/A	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
white-tailed jackrabbit	*Lepus townsendii*	N/A	0.00	0.00	0.01	0.00	0.00	0.00	0.12	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	0.03	0.49	0.00	0.11	0.08	0.10	0.11	16.53
mountain beaver	*Aplodontia rufa*	N/A	0.00	0.00	0.01	0.00	0.00	0.10	0.00	0.00
mohave ground squirrel	*Xerospermophilus mohavensis*	FS & ST	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00
little pocket mouse	*Perognathus longimembris*	N/A	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin pocket mouse	*Perognathus inornatus*	FS	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00
great basin pocket mouse	*Perognathus parvus*	N/A	0.00	0.00	0.00	0.00	0.00	0.10	0.04	0.00
white-eared pocket mouse	*Perognathus alticolus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00
california pocket mouse	*Chaetodipus californicus*	N/A	0.03	0.00	0.00	0.00	0.08	0.00	0.09	0.00
heermann's kangaroo rat	*Dipodomys heermanni*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
merriam's kangaroo rat	*Dipodomys merriami*	N/A	0.00	0.49	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.03	0.49	0.01	0.11	0.08	0.10	0.21	16.53
southern grasshopper mouse	*Onychomys torridus*	N/A	0.00	0.49	0.00	0.00	0.08	0.00	0.09	0.00
desert woodrat	*Neotoma lepida*	N/A	0.03	0.43	0.00	0.00	0.08	0.00	0.09	0.00
california vole	*Microtus californicus*	N/A	0.03	0.00	0.00	0.00	0.08	0.00	0.09	15.71
red fox	*Vulpes vulpes*	N/A	0.00	0.00	0.01	0.00	0.00	0.10	0.00	0.00
sierra nevada red fox	*Vulpes vulpes necator*	FS & ST	0.00	0.00	0.01	0.00	0.00	0.10	0.00	0.00
kit fox	*Vulpes macrotis*	N/A	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	0.03	0.49	0.01	0.11	0.08	0.10	0.21	0.00
marten	*Martes caurina*	FS	0.00	0.00	0.01	0.00	0.00	0.10	0.00	0.00
wolverine	*Gulo gulo*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
american badger	*Taxidea taxus*	N/A	0.03	0.49	0.01	0.11	0.08	0.10	0.21	0.00
western spotted skunk	*Spilogale gracilis*	N/A	0.03	0.00	0.01	0.11	0.08	0.10	0.21	16.53
mountain lion	*Puma concolor*	ST	0.03	0.49	0.01	0.11	0.08	0.10	0.21	0.00
bighorn sheep	*Ovis canadensis*	FE & SE & ST	0.00	0.49	0.00	0.00	0.00	0.00	0.00	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	0.03	0.00	0.00	0.00	0.08	0.00	0.09	0.00
Reptiles										
mohave desert tortoise	*Gopherus agassizii*	FT & ST	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.01	0.11	0.08	0.00	0.21	0.00
blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.03	0.00	0.00	0.11	0.08	0.00	0.00	0.00
desert night lizard	*Xantusia vigilis*	FS	0.03	0.49	0.00	0.00	0.00	0.00	0.09	0.00
california legless lizard	*Anniella pulchra*	FS	0.03	0.27	0.00	0.00	0.08	0.00	0.00	0.00
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
ring-necked snake	*Diadophis punctatus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coachwhip	*Coluber flagellum*	N/A	0.03	0.49	0.00	0.11	0.08	0.00	0.11	0.00
striped racer	*Coluber lateralis*	N/A	0.03	0.00	0.00	0.00	0.08	0.00	0.00	0.00
western patch-nosed snake	*Salvadora hexalepis*	N/A	0.03	0.27	0.00	0.00	0.08	0.00	0.09	0.00
gophersnake	*Pituophis catenifer*	N/A	0.03	0.49	0.01	0.11	0.08	0.10	0.13	16.53

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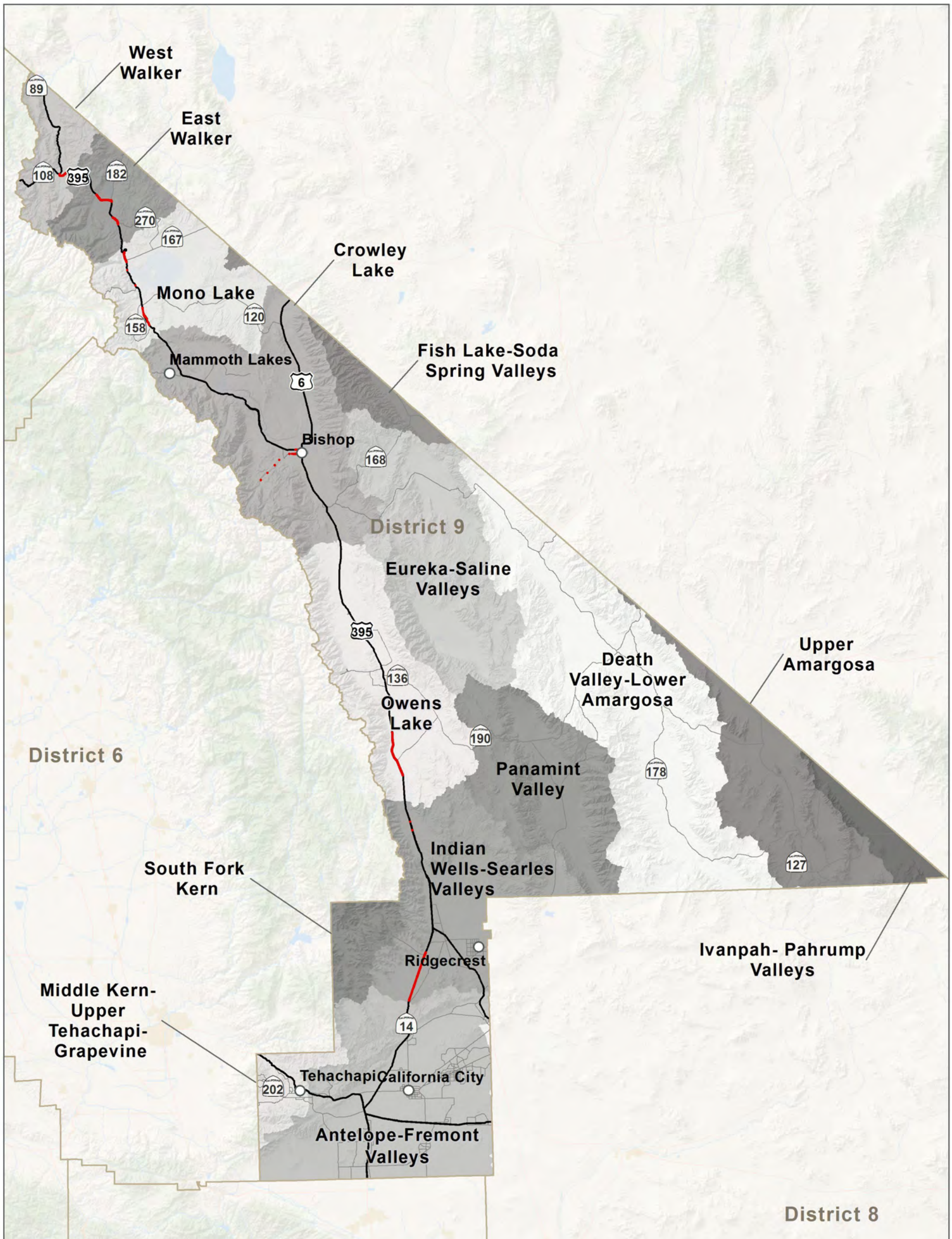
Units are in acres

Common Name	Species Name	Status	Blue Oak-Foothill Pine	Desert Scrub	Eastside Pine	Juniper	Mixed Chaparral	Montane Riparian	Sagebrush	Urban
common gartersnake	*Thamnophis sirtalis*	N/A	0.03	0.00	0.00	0.01	0.08	0.00	0.09	0.00
Plants										
lane mountain milk-vetch	*Astragalus jaegerianus*	FE	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00
long valley milk-vetch	*Astragalus johannis-howellii*	FS	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00
mono milk-vetch	*Astragalus monoensis*	FS	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00
kaweah brodiaea	*Brodiaea insignis*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tree-anemone	*Carpenteria californica*	FS & ST	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00
succulent owl's-clover	*Castilleja campestris var. succulenta*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
springville clarkia	*Clarkia springvillensis*	FT & SE	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00
red rock tarplant	*Deinandra arida*	FS	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00
striped adobe-lily	*Fritillaria striata*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
rock lady	*Holmgrenanthe petrophila*	N/A	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00
father crowley's lupine	*Lupinus padre-crowleyi*	N/A	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
eureka dunes evening-primrose	*Oenothera californica ssp. eurekensis*	N/A	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin adobe sunburst	*Pseudobahia peirsonii*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
keck's checkerbloom	*Sidalcea keckii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
eureka valley dune grass	*Swallenia alexandrae*	FT	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 9 – Hydrologic Units (HUC-8) with Potential Transportation Projects



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Caltrans District 9 – Watershed Impacts to Waters and Fish Species Summary Table

HUC-8 Name			Canal/Ditch	Stream/River
Common Species Name	**Scientific Species Name**	**Listing Status**		
Antelope-Fremont Valleys			0.00	1.38
N/A	N/A	N/A	0.00	0.00
Crowley Lake			0.01	0.25
Lahontan cutthroat trout	*Oncorhynchus clarkii henshawi*	FT	0.01	0.23
Owens pupfish	*Cyprinodon radiosus*	FE & SE	0.01	0.23
Paiute cutthroat trout	*Oncorhynchus clarkii seleniris*	FT	0.01	0.23
East Walker			0.01	0.05
Lahontan cutthroat trout	*Oncorhynchus clarkii henshawi*	FT	0.00	0.05
Indian Wells-Searles Valleys			0.00	0.05
Mohave tui chub	*Siphateles bicolor mohavensis*	FE & SE	0.00	0.05
Middle Kern-Upper Tehachapi-Grapevine			0.00	0.45
N/A	N/A	N/A	0.00	0.00
Mono Lake			0.33	0.24
N/A	N/A	N/A	0.00	0.00
Upper Amargosa			0.00	0.03
N/A	N/A	N/A	0.00	0.00
West Walker			0.00	0.13
Lahontan cutthroat trout	*Oncorhynchus clarkii henshawi*	FT	0.00	0.13

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 9 – HUC-8 Watershed Impacts by Wetland Type Summary Table

HUC-8 Name	Depressional Seasonal Natural Shrub-Scrub	Freshwater Emergent Wetland	Freshwater Forested/Shrub Wetland	Riverine
Antelope-Fremont Valleys	0.00	0.00	0.00	0.63
Crowley Lake	0.00	0.50	0.07	0.03
East Walker	0.00	0.01	0.05	0.03
Indian Wells-Searles Valleys	0.00	0.00	0.00	0.01
Middle Kern-Upper Tehachapi-Grapevine	0.00	0.12	0.00	0.13
Mono Lake	0.00	2.67	0.11	0.09
Owens Lake	0.06	0.00	0.01	0.00
Upper Amargosa	0.00	0.00	0.02	0.00
West Walker	0.00	0.00	0.00	0.08

Units are in acres

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APPENDIX J

District 10

- **Table**: Caltrans District 10 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin
- **Map**: Caltrans District 10 – Ecoregion Sections with Potential Transportation Projects
- **Table**: Caltrans District 10 – Central Valley Coast Ranges Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 10 – Great Valley Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 10 – Mono Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 10 – Sierra Nevada Foothills Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 10 – Sierra Nevada Ecoregion Section Impact by Species Summary Table
- **Map**: Caltrans District 10 – Hydrologic Units (HUC-8) with Potential Transportation Projects
- **Table**: Caltrans District 10 – Watershed Impacts to Waters and Fish Species Summary Table
- **Table**: Caltrans District 10 – HUC-8 Watershed Impacts by Wetland Type Summary Table

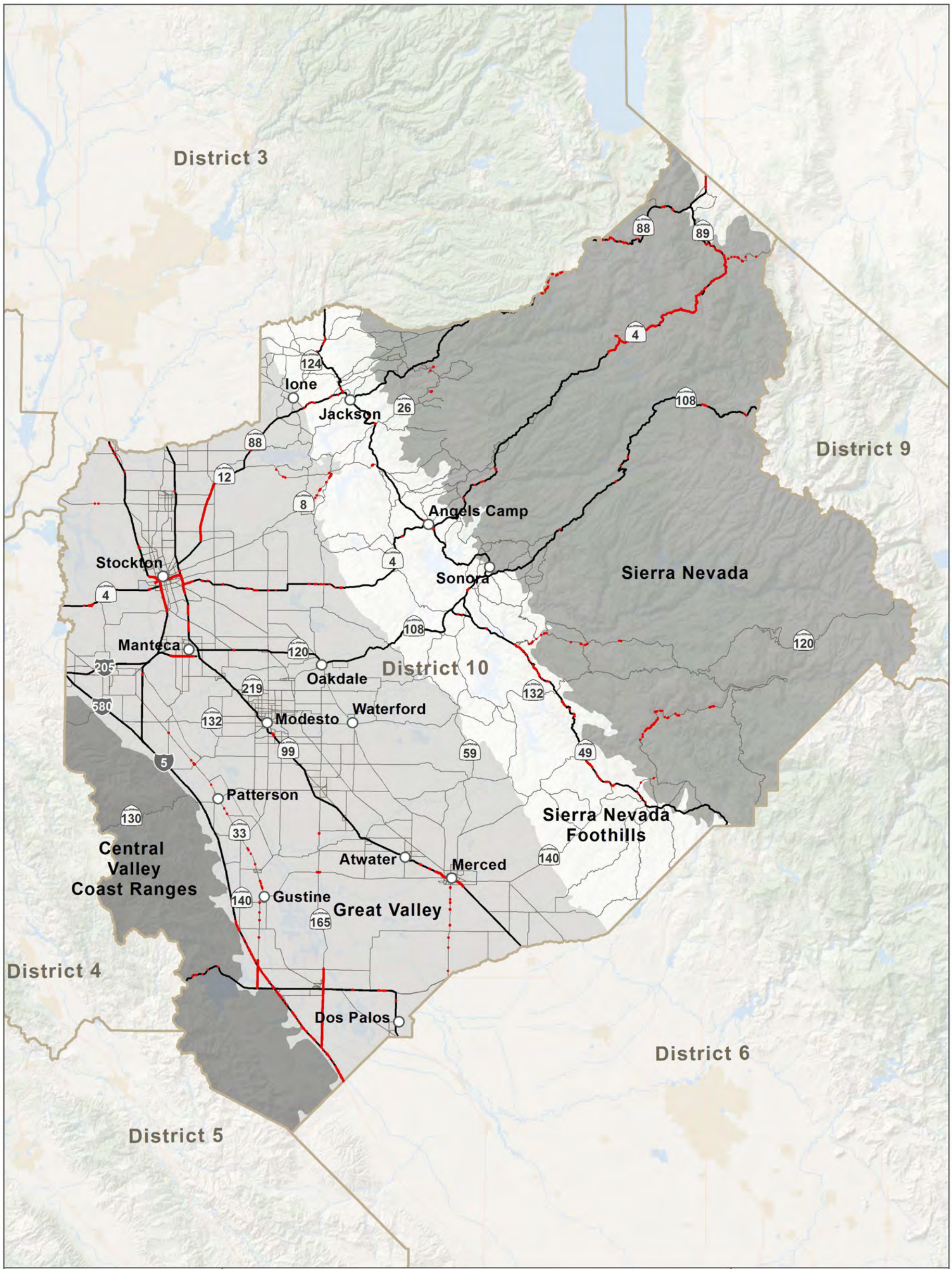
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Caltrans District 10 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
9297	Alpine	4	0		Drainage	2019/20	Mono	0.15	Upper Carson	1.47
							Sierra Nevada	1.22		
9298	San Joaquin	88	13.7	14	Drainage	2020/21	Great Valley	0.79	South Fork American	0.53
9298	San Joaquin	88	13.7	14	Drainage	2020/21	Sierra Nevada	0.49	Upper Mokelumne	0.79
9299	Alpine	88			Drainage	2019/20	Sierra Nevada	1.18	South Fork American	0.42
									Upper Cosumnes	0.70
							Sierra Nevada Foothills	0.68	Upper Mokelumne	0.09
									Upper Stanislaus	0.83
11306	Tuolumne	108	R18.9	38.8	Pavement	2020/21	Sierra Nevada	0.03	Upper Stanislaus	0.07
11366	Amador	88	5.5	14.3	Pavement	2023/24	Sierra Nevada Foothills	0.58	Upper Mokelumne	0.59
13741	Calaveras	4	29.2	29.4	Mobility - Operational Improvements	2019/20	Sierra Nevada	0.16	Upper Stanislaus	0.16
13803	Alpine	88			Bridge	2019/20	Sierra Nevada	5.85	Upper Carson	5.86
13804	Calaveras	12	17.249	17.249	Bridge	2023/24	Sierra Nevada Foothills	1.83	Upper Calaveras California	1.93
13813	Merced	99	R12.6	17.8	Pavement	2019/20	Great Valley	42.42	Middle San Joaquin-Lower Chowchilla	42.42
13834	San Joaquin	5	3.5	49	Drainage	2019/20	Great Valley	0.98	San Joaquin Delta	0.08
									Upper Mokelumne	1.05
13855	San Joaquin	99	17.2		Bridge	2019/20	Great Valley	0.53	Rock Creek-French Camp Slough	0.53
14092	Mariposa	140	37	43.3	Bridge	2025/26	Sierra Nevada	2.94	Upper Merced	2.95
15691	Merced	152			Drainage	2019/20	Great Valley	0.08	Middle San Joaquin-Lower Chowchilla	0.08
15693	Stanislaus	99	R13.4	R13.8	Mobility - Operational Improvements	2019/20	Great Valley	3.77	Upper Tuolumne	3.77
15894	Merced	165	0	11.9	Pavement	2025/26	Great Valley	43.28	Middle San Joaquin-Lower Chowchilla	43.32
16621	San Joaquin	88	22.1		Safety Improvements	2019/20	Great Valley	0.99	Upper Mokelumne	0.99
16734	San Joaquin	5	32.5	49.8	Pavement	2022/23	Great Valley	2.54	San Joaquin Delta	1.96
									Upper Mokelumne	0.59
16769	Calaveras	26			Bridge	2021/22	Sierra Nevada	1.58	Upper Mokelumne	1.58
16769	Calaveras	26			Bridge	2021/22	Sierra Nevada Foothills	0.18	Upper Stanislaus	0.18
16946	Amador	49	0		Bridge	2021/22	Sierra Nevada Foothills	0.79	Upper Mokelumne	0.92
17056	San Joaquin	120	R2.5	R6.0	Mobility - TMS	2025/26	Great Valley	33.02	San Joaquin Delta	33.77
17099	San Joaquin	26	1.1		Bridge	2020/21	Great Valley	0.93	San Joaquin Delta	0.93
17357	Alpine	4	26.8	31.2	Drainage	2024/25	Mono	0.58	Upper Carson	1.95
							Sierra Nevada	1.18		
17367	San Joaquin	4	4.1	4.9	Safety Improvements	2019/20	Great Valley	7.92	San Joaquin Delta	7.95
17442	San Joaquin	4	R16.0	R19.4	Mobility - TMS	2022/23	Great Valley	18.59	San Joaquin Delta	18.60
17444	Merced	5	0.5	0.8	Roadside	2020/21	Great Valley	1.47	Middle San Joaquin-Lower Chowchilla	1.47
17507	Tuolumne	120	R3.4R	R39.8	Drainage	2023/24	Great Valley	0.58	Upper Calaveras California	0.59
							Sierra Nevada	0.65	Upper Stanislaus	0.24
							Sierra Nevada Foothills	0.21	Upper Tuolumne	0.66
18073	San Joaquin	5	R21.4	27.9	Mobility - TMS	2021/22	Great Valley	89.39	Rock Creek-French Camp Slough	28.41
									San Joaquin Delta	63.64
18104	Calaveras	49	5.78	17.17	Drainage	2023/24	Sierra Nevada	0.46	Upper Calaveras California	0.24
							Sierra Nevada Foothills	0.47	Upper Stanislaus	0.22
									Upper Tuolumne	0.47
18122	Merced	33	R13.2	17.5	Pavement	2025/26	Great Valley	16.15	Middle San Joaquin-Lower Chowchilla	16.17
18329	San Joaquin	4	19.75	38.059	Pavement	2023/24	Great Valley	0.48	Rock Creek-French Camp Slough	1.41
18330	Merced	152	11.3	26	Pavement	2028/29	Great Valley	0.26	Middle San Joaquin-Lower Chowchilla	0.26
18336	Calaveras	49	8.5	9.1	Mobility - Operational Improvements	2024/25	Sierra Nevada Foothills	9.53	Upper Calaveras California	7.93
									Upper Stanislaus	1.60
18337	Merced	140	16	16.5	Mobility - Operational Improvements	2023/24	Great Valley	1.93	Middle San Joaquin-Lower Chowchilla	4.77
18344	Alpine	4	R0.000	31.677	Pavement	2023/24	Sierra Nevada	1.97	Upper Carson	0.43
									Upper Mokelumne	0.39

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
									Upper Stanislaus	1.40
18762	Calaveras	4	16.1		Bridge	2021/22	Sierra Nevada Foothills	0.94	Upper Calaveras California	0.94
18779	San Joaquin	4	14.2		Bridge	2025/26	Great Valley	2.22	San Joaquin Delta	2.22
18789	Merced	165	11.73	11.73	Mobility - Operational Improvements	2023/24	Great Valley	2.15	Middle San Joaquin-Lower Chowchilla	2.52
19000	Merced	152	R 0.000	11.5	Pavement	2027/28	Central Valley Coast Ranges	0.72	Middle San Joaquin-Lower Chowchilla	0.72
19002	Merced	5	0	17	Pavement	2024/25	Central Valley Coast Ranges	0.93	Middle San Joaquin-Lower Chowchilla	8.24
							Great Valley	7.25		
19003	Amador	88	R54.700	R60.800	Pavement	2023/24	Sierra Nevada	0.96	Upper Mokelumne	1.03
19020	San Joaquin	88	5.1	16.4	Pavement	2023/24	Great Valley	25.99	San Joaquin Delta	28.28
									Upper Calaveras California	3.74
									Upper Mokelumne	10.51
19026	Amador	49	0	R7.000	Pavement	2028/29	Sierra Nevada Foothills	0.76	Upper Mokelumne	0.76
19027	San Joaquin	12	M5.000	27.642	Pavement	2028/29	Great Valley	0.15	Upper Mokelumne	0.15
19038	Merced	59	R0	12.1	Pavement	2023/24	Great Valley	3.54	Middle San Joaquin-Lower Chowchilla	4.03
19220	San Joaquin	99	10	14	Pavement	2026/27	Great Valley	1.46	Rock Creek-French Camp Slough	1.23
									San Joaquin Delta	0.32
19403	Merced	5	17	32.477	Pavement	2027/28	Great Valley	6.44	Middle San Joaquin-Lower Chowchilla	6.44
20981	Mariposa	49	22.15	44.9	Drainage	2027/28	Sierra Nevada	1.48	Middle San Joaquin-Lower Chowchilla	1.73
20981	Mariposa	49	22.15	44.9	Drainage	2027/28	Sierra Nevada Foothills	2.26	Upper Merced	2.87
21061	San Joaquin	5	10.6		Bridge	2019/20	Great Valley	1.03	San Joaquin Delta	1.03
21245	Calaveras	4	25.35	65.56	Drainage	2027/28	Great Valley	0.32	San Joaquin Delta	0.21
							Sierra Nevada	0.05	Upper Calaveras California	0.11
									Upper Mokelumne	0.05
21249	Stanislaus	33	0.49	25.7	Drainage	2026/27	Great Valley	3.09	Lower San Joaquin River	2.55
									Middle San Joaquin-Lower Chowchilla	0.54
21250	Tuolumne	49	0.13	6.42	Drainage	2027/28	Sierra Nevada	0.77	Upper Tuolumne	2.88
							Sierra Nevada Foothills	1.49		
21300	Stanislaus	4	7.28	7.28	Bridge	2027/28	Great Valley	1.93	Rock Creek-French Camp Slough	1.93
21502	San Joaquin	120	11.6	11.6	Safety Improvements	2023/24	Great Valley	0.99	Rock Creek-French Camp Slough	0.99
21524	Merced	152	26	R40.95	Pavement	2028/29	Great Valley	0.49	Middle San Joaquin-Lower Chowchilla	0.67
21562	Merced	59	13.6	13.6	Safety Improvements	2022/23	Great Valley	0.95	Middle San Joaquin-Lower Chowchilla	0.97
21659	Mariposa	49	17.25	17.25	Bridge	2028/29	Sierra Nevada Foothills	0.36	Middle San Joaquin-Lower Chowchilla	0.45
21691	Calaveras	26	18.069	18.069	Safety Improvements	2023/24	Sierra Nevada Foothills	0.90	Upper Calaveras California	0.04
									Upper Mokelumne	0.85
21923	Merced	99	18.1	19.5	Bridge	2028/29	Great Valley	2.77	Middle San Joaquin-Lower Chowchilla	2.77
21933	Alpine	4	0	15	Drainage	2028/29	Sierra Nevada	1.89	Upper Mokelumne	0.40
									Upper Stanislaus	1.79
21934	Alpine	4	15	32	Drainage	2028/29	Sierra Nevada	1.73	Upper Carson	1.38
									Upper Mokelumne	0.48
22176	San Joaquin	5	26.5		Bridge	2024/25	Great Valley	2.91	San Joaquin Delta	2.92
22177	San Joaquin	5	26.5		Bridge	2026/27	Great Valley	2.94	San Joaquin Delta	2.95
22193	Merced	165	32.9	32.9	Safety Improvements	2023/24	Great Valley	0.98	Lower San Joaquin River	0.98
22250	San Joaquin	4	20.7	20.7	Safety Improvements	2023/24	Great Valley	0.35	Rock Creek-French Camp Slough	0.35

Caltrans District 10 – Ecoregion Sections with Potential Transportation Projects



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Caltrans District 10 – Central Valley Coast Ranges Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Blue Oak Woodland	Urban	Wet Meadow
		Total:	0.76	0.17	0.67	0.06
Amphibians						
california tiger salamander	*Ambystoma californiense*	FE & FT & ST	0.76	0.17	0.00	0.00
california newt	*Taricha torosa*	N/A	0.35	0.17	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.17	0.00	0.00
western spadefoot	*Spea hammondii*	FS	0.76	0.00	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.35	0.17	0.00	0.00
california red-legged frog	*Rana draytonii*	FT	0.76	0.17	0.00	0.06
Birds						
great blue heron	*Ardea herodias*	N/A	0.76	0.17	0.67	0.06
great egret	*Ardea alba*	N/A	0.38	0.00	0.03	0.00
greater white-fronted goose	*Anser albifrons*	N/A	0.38	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.32	0.17	0.00	0.00
white-tailed kite	*Elanus leucurus*	FS	0.76	0.17	0.67	0.06
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.76	0.17	0.00	0.06
northern harrier	*Circus cyaneus*	N/A	0.76	0.17	0.67	0.06
swainson's hawk	*Buteo swainsoni*	FS & ST	0.76	0.00	0.49	0.06
golden eagle	*Aquila chrysaetos*	FS	0.76	0.17	0.67	0.06
peregrine falcon	*Falco peregrinus*	FS	0.76	0.17	0.67	0.06
california quail	*Callipepla californica*	N/A	0.76	0.17	0.67	0.06
sandhill crane	*Grus canadensis*	N/A	0.38	0.00	0.00	0.00
mountain plover	*Charadrius montanus*	FS	0.38	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.76	0.17	0.67	0.06
long-eared owl	*Asio otus*	N/A	0.76	0.17	0.00	0.06
short-eared owl	*Asio flammeus*	N/A	0.76	0.17	0.67	0.06
purple martin	*Progne subis*	N/A	0.05	0.00	0.18	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.17	0.67	0.00
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.06
loggerhead shrike	*Lanius ludovicianus*	N/A	0.76	0.17	0.67	0.06
yellow warbler	*Setophaga petechia*	N/A	0.00	0.17	0.67	0.00
common yellowthroat	*Geothlypis trichas*	N/A	0.76	0.00	0.00	0.06
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.17	0.67	0.00
california towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.18	0.00
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.32	0.00	0.00	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	0.41	0.00	0.00	0.00
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	0.41	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.76	0.17	0.00	0.06
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.76	0.00	0.00	0.06
song sparrow	*Melospiza melodia*	N/A	0.76	0.17	0.67	0.06
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.76	0.00	0.67	0.06
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.76	0.00	0.67	0.06
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.38	0.00	0.00	0.00
Mammals						
ornate shrew	*Sorex ornatus*	N/A	0.76	0.17	0.00	0.06
broad-footed mole	*Scapanus latimanus*	N/A	0.76	0.17	0.00	0.06
yuma myotis	*Myotis yumanensis*	FS	0.76	0.17	0.67	0.06
long-eared myotis	*Myotis evotis*	FS	0.00	0.17	0.00	0.00
fringed myotis	*Myotis thysanodes*	FS	0.32	0.17	0.20	0.00
small-footed myotis	*Myotis ciliolabrum*	FS	0.32	0.17	0.18	0.00
western red bat	*Lasiurus blossevillii*	N/A	0.76	0.17	0.67	0.06
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.76	0.17	0.67	0.06
pallid bat	*Antrozous pallidus*	FS	0.76	0.17	0.67	0.06

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Annual Grass	Blue Oak Woodland	Urban	Wet Meadow
western mastiff bat	*Eumops perotis*	FS	0.76	0.17	0.67	0.06
brush rabbit	*Sylvilagus bachmani*	N/A	0.76	0.17	0.67	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	0.76	0.17	0.67	0.06
san joaquin pocket mouse	*Perognathus inornatus*	FS	0.76	0.17	0.00	0.00
california pocket mouse	*Chaetodipus californicus*	N/A	0.76	0.17	0.00	0.00
narrow-faced kangaroo rat	*Dipodomys venustus*	N/A	0.32	0.17	0.00	0.00
santa cruz kangaroo rat	*Dipodomys venustus venustus*	N/A	0.32	0.17	0.00	0.00
heermann's kangaroo rat	*Dipodomys heermanni*	N/A	0.76	0.17	0.00	0.06
deer mouse	*Peromyscus maniculatus*	N/A	0.76	0.17	0.67	0.06
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.17	0.00	0.06
california vole	*Microtus californicus*	N/A	0.76	0.17	0.67	0.06
kit fox	*Vulpes macrotis*	N/A	0.76	0.00	0.00	0.00
san joaquin kit fox	*Vulpes macrotis mutica*	FE & ST	0.76	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	0.35	0.17	0.00	0.00
american badger	*Taxidea taxus*	N/A	0.76	0.17	0.00	0.06
western spotted skunk	*Spilogale gracilis*	N/A	0.76	0.17	0.67	0.06
mountain lion	*Puma concolor*	ST	0.76	0.17	0.00	0.06
Reptiles						
blunt-nosed leopard lizard	*Gambelia sila*	FE & SE	0.41	0.00	0.00	0.00
blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.76	0.17	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.76	0.17	0.00	0.00
california legless lizard	*Anniella pulchra*	FS	0.00	0.17	0.00	0.00
ring-necked snake	*Diadophis punctatus*	N/A	0.35	0.17	0.20	0.00
coachwhip	*Coluber flagellum*	N/A	0.76	0.17	0.00	0.00
striped racer	*Coluber lateralis*	N/A	0.00	0.17	0.00	0.06
gophersnake	*Pituophis catenifer*	N/A	0.76	0.17	0.67	0.06
common gartersnake	*Thamnophis sirtalis*	N/A	0.76	0.17	0.00	0.06
giant gartersnake	*Thamnophis gigas*	FT & ST	0.38	0.00	0.00	0.00
Plants						
san mateo thorn-mint	*Acanthomintha duttonii*	FE & SE	0.32	0.00	0.00	0.00
sonoma sunshine	*Blennosperma bakeri*	FE & SE	0.32	0.00	0.00	0.00
dwarf goldenstar	*Bloomeria humilis*	FS	0.32	0.00	0.00	0.00
san benito evening-primrose	*Camissonia benitensis*	FT	0.32	0.00	0.00	0.00
tiburon paintbrush	*Castilleja affinis var. neglecta*	FE & ST	0.32	0.00	0.00	0.00
succulent owl's-clover	*Castilleja campestris var. succulenta*	FT & SE	0.76	0.00	0.00	0.00
california jewelflower	*Caulanthus californicus*	FE & SE	0.76	0.00	0.00	0.00
coyote ceanothus	*Ceanothus ferrisiae*	FE	0.32	0.00	0.00	0.00
palmate-bracted bird's-beak	*Chloropyron palmatum*	FE & SE	0.76	0.00	0.00	0.00
monterey spineflower	*Chorizanthe pungens var. pungens*	FT	0.32	0.00	0.00	0.00
scotts valley spineflower	*Chorizanthe robusta var. hartwegii*	FE	0.32	0.00	0.00	0.00
crystal springs fountain thistle	*Cirsium fontinale var. fontinale*	FE & SE	0.32	0.00	0.00	0.00
presidio clarkia	*Clarkia franciscana*	FE & SE	0.32	0.00	0.00	0.00
livermore tarplant	*Deinandra bacigalupii*	SE	0.00	0.00	0.00	0.06
baker's larkspur	*Delphinium bakeri*	FE & SE	0.32	0.00	0.00	0.00
santa clara valley dudleya	*Dudleya abramsii ssp. setchellii*	FE	0.32	0.00	0.00	0.00
kern mallow	*Eremalche parryi ssp. kernensis*	FE	0.76	0.00	0.00	0.00
hoover's spurge	*Euphorbia hooveri*	FT	0.76	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	0.32	0.00	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.76	0.00	0.00	0.06
marin western flax	*Hesperolinon congestum*	FT & ST	0.32	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	0.32	0.00	0.00	0.00
mason's lilaeopsis	*Lilaeopsis masonii*	N/A	0.00	0.00	0.00	0.06

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Blue Oak Woodland	Urban	Wet Meadow
san joaquin woollythreads	*Monolopia congdonii*	FE	0.76	0.00	0.00	0.00
colusa grass	*Neostapfia colusana*	FT & SE	0.76	0.00	0.00	0.00
bakersfield cactus	*Opuntia basilaris var. treleasei*	FE & SE	0.76	0.00	0.00	0.00
san joaquin valley orcutt grass	*Orcuttia inaequalis*	FT & SE	0.76	0.00	0.00	0.00
hairy orcutt grass	*Orcuttia pilosa*	FE & SE	0.76	0.00	0.00	0.00
dudley's lousewort	*Pedicularis dudleyi*	FS	0.32	0.00	0.00	0.00
white-rayed pentachaeta	*Pentachaeta bellidiflora*	FE & SE	0.32	0.00	0.00	0.00
san francisco popcornflower	*Plagiobothrys diffusus*	SE	0.32	0.00	0.00	0.00
scotts valley polygonum	*Polygonum hickmanii*	FE & SE	0.32	0.00	0.00	0.00
san joaquin adobe sunburst	*Pseudobahia peirsonii*	FT & SE	0.76	0.00	0.00	0.00
adobe sanicle	*Sanicula maritima*	N/A	0.32	0.00	0.00	0.00
rock sanicle	*Sanicula saxatilis*	FS	0.32	0.00	0.00	0.00
metcalf canyon jewelflower	*Streptanthus albidus ssp. albidus*	FE & FS	0.32	0.00	0.00	0.00
two-fork clover	*Trifolium amoenum*	FE	0.32	0.00	0.00	0.00
greene's tuctoria	*Tuctoria greenei*	FE	0.76	0.00	0.00	0.00

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Units are in acres

Caltrans District 10 – Great Valley Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Annual Grassland	Barren	Blue Oak Woodland	Deciduous Orchard	Eucalyptus	Fresh Emergent Wetland
		Total:	16.28	16.00	0.26	0.19	13.35	0.05	1.50
Amphibians									
california tiger salamander	*Ambystoma californiense*	FE & FT & ST	16.28	16.00	0.00	0.19	0.00	0.05	1.50
california newt	*Taricha torosa*	N/A	4.31	0.00	0.00	0.00	0.00	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.00	0.14	0.00	0.00	0.00
western spadefoot	*Spea hammondii*	FS	16.28	16.00	0.00	0.19	13.35	0.05	1.50
foothill yellow-legged frog	*Rana boylii*	FS	9.89	0.00	0.00	0.12	0.00	0.00	0.00
california red-legged frog	*Rana draytonii*	FT	9.02	0.00	0.00	0.09	0.00	0.00	0.00
Birds									
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.26	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	16.28	16.00	0.00	0.19	0.00	0.05	1.50
great egret	*Ardea alba*	N/A	16.28	16.00	0.00	0.19	0.00	0.05	1.50
greater white-fronted goose	*Anser albifrons*	N/A	16.28	16.00	0.00	0.00	0.00	0.00	1.50
redhead	*Aythya americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	1.44
barrow's goldeneye	*Bucephala islandica*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	6.00	3.65	0.06	0.19	0.00	0.00	1.17
white-tailed kite	*Elanus leucurus*	FS	16.28	16.00	0.26	0.19	13.35	0.05	1.50
bald eagle	*Haliaeetus leucocephalus*	FS & SE	16.28	16.00	0.26	0.19	0.00	0.05	1.50
northern harrier	*Circus cyaneus*	N/A	16.28	16.00	0.26	0.19	13.35	0.05	1.50
swainson's hawk	*Buteo swainsoni*	FS & ST	16.28	16.00	0.26	0.19	0.00	0.05	0.00
golden eagle	*Aquila chrysaetos*	FS	16.28	16.00	0.26	0.19	0.00	0.05	1.50
peregrine falcon	*Falco peregrinus*	FS	16.28	16.00	0.26	0.19	0.00	0.05	1.50
california quail	*Callipepla californica*	N/A	16.28	16.00	0.00	0.19	13.35	0.05	0.00
black rail	*Laterallus jamaicensis*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sandhill crane	*Grus canadensis*	N/A	16.28	16.00	0.00	0.00	0.00	0.00	1.50
lesser sandhill crane	*Grus canadensis canadensis*	N/A	3.23	14.90	0.00	0.00	0.00	0.00	1.13
snowy plover	*Charadrius nivosus*	FT	0.00	0.00	0.02	0.00	0.00	0.00	0.00
mountain plover	*Charadrius montanus*	FS	9.58	7.50	0.26	0.00	0.00	0.00	0.00
black tern	*Chlidonias niger*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	16.28	16.00	0.26	0.19	0.00	0.05	0.00
long-eared owl	*Asio otus*	N/A	9.02	5.06	0.00	0.14	0.00	0.00	0.00
short-eared owl	*Asio flammeus*	N/A	16.28	16.00	0.00	0.19	0.00	0.05	1.50
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.00	0.19	13.35	0.05	0.00
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	1.50
loggerhead shrike	*Lanius ludovicianus*	N/A	16.28	16.00	0.26	0.19	13.35	0.05	0.00
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.00	0.19	0.00	0.00	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.00	0.14	0.00	0.00	0.00
common yellowthroat	*Geothlypis trichas*	N/A	16.28	16.00	0.00	0.00	0.00	0.05	1.50
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.00	0.19	13.35	0.05	0.00
california towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.00	0.19	9.01	0.05	0.00
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	2.67	0.00	0.00	0.00	0.00	0.00	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	12.48	0.00	0.00	0.19	0.00	0.00	0.00
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	12.48	0.00	0.00	0.19	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	16.28	16.00	0.00	0.19	13.35	0.05	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	16.28	16.00	0.00	0.00	0.00	0.05	0.00
song sparrow	*Melospiza melodia*	N/A	16.28	16.00	0.00	0.19	13.35	0.05	1.50
modesto song sparrow	*Melospiza melodia mailliardi*	N/A	6.00	15.66	0.00	0.19	9.01	0.05	1.29
red-winged blackbird	*Agelaius phoeniceus*	N/A	16.28	16.00	0.00	0.00	13.35	0.05	1.50
tricolored blackbird	*Agelaius tricolor*	FS & ST	16.28	16.00	0.00	0.00	13.35	0.05	1.50
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	16.28	16.00	0.00	0.00	0.00	0.00	1.50
Mammals									
ornate shrew	*Sorex ornatus*	N/A	10.28	3.58	0.00	0.00	0.00	0.00	1.32

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Common Name	Species Name	Status	Annual Grass	Annual Grassland	Barren	Blue Oak Woodland	Deciduous Orchard	Eucalyptus	Fresh Emergent Wetland
broad-footed mole	*Scapanus latimanus*	N/A	12.13	1.14	0.00	0.14	7.86	0.00	0.00
yuma myotis	*Myotis yumanensis*	FS	16.28	16.00	0.00	0.19	13.35	0.05	1.50
western red bat	*Lasiurus blossevillii*	N/A	16.28	16.00	0.00	0.19	0.00	0.05	1.50
spotted bat	*Euderma maculatum*	FS	0.40	0.00	0.00	0.00	0.00	0.00	0.00
townsend's big-eared bat	*Corynorhinus townsendii*	FS	16.28	16.00	0.26	0.19	13.35	0.05	0.00
pallid bat	*Antrozous pallidus*	FS	16.28	16.00	0.26	0.19	13.35	0.05	0.00
western mastiff bat	*Eumops perotis*	FS	13.26	0.29	0.16	0.19	9.65	0.00	0.28
brush rabbit	*Sylvilagus bachmani*	N/A	9.02	0.28	0.00	0.14	1.08	0.00	0.00
riparian brush rabbit	*Sylvilagus bachmani riparius*	FE & SE	0.00	0.28	0.00	0.00	1.08	0.00	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	16.28	16.00	0.00	0.19	13.35	0.05	0.00
nelson's antelope ground squirrel	*Ammospermophilus nelsoni*	FS & ST	1.83	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin pocket mouse	*Perognathus inornatus*	FS	15.86	16.00	0.26	0.05	0.00	0.00	0.00
california pocket mouse	*Chaetodipus californicus*	N/A	9.02	0.00	0.00	0.14	0.00	0.00	0.00
heermann's kangaroo rat	*Dipodomys heermanni*	N/A	14.16	0.34	0.00	0.19	0.00	0.00	0.00
giant kangaroo rat	*Dipodomys ingens*	FE & SE	1.83	0.00	0.00	0.00	0.00	0.00	0.00
fresno kangaroo rat	*Dipodomys nitratoides*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	16.28	16.00	0.26	0.19	13.35	0.05	1.50
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california vole	*Microtus californicus*	N/A	16.28	16.00	0.00	0.19	13.35	0.05	1.50
red fox	*Vulpes vulpes*	N/A	1.83	2.26	0.05	0.00	2.67	0.00	0.00
sacramento valley red fox	*Vulpes vulpes patwin*	N/A	0.00	0.10	0.00	0.00	0.00	0.00	0.00
kit fox	*Vulpes macrotis*	N/A	10.23	0.56	0.16	0.00	0.00	0.00	0.00
san joaquin kit fox	*Vulpes macrotis mutica*	FE & ST	10.23	0.56	0.16	0.00	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	11.07	15.13	0.26	0.19	0.00	0.05	0.00
american badger	*Taxidea taxus*	N/A	16.28	16.00	0.26	0.19	13.35	0.05	0.00
western spotted skunk	*Spilogale gracilis*	N/A	16.28	16.00	0.00	0.19	13.35	0.05	0.00
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	1.10
mountain lion	*Puma concolor*	ST	11.34	0.28	0.00	0.14	3.98	0.00	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	0.00	0.14	0.00	0.00	0.00
Reptiles									
blunt-nosed leopard lizard	*Gambelia sila*	FE & SE	8.09	0.00	0.00	0.00	0.00	0.00	0.00
blainville's horned lizard	*Phrynosoma blainvillii*	FS	16.28	16.00	0.00	0.19	0.00	0.05	0.00
western skink	*Plestiodon skiltonianus*	N/A	6.36	0.00	0.00	0.00	0.00	0.00	0.00
california legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.00	0.19	0.00	0.05	0.00
ring-necked snake	*Diadophis punctatus*	N/A	9.05	0.00	0.00	0.19	0.00	0.00	0.00
coachwhip	*Coluber flagellum*	N/A	8.67	0.28	0.00	0.00	0.00	0.00	0.00
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.00	0.14	0.00	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	16.28	16.00	0.00	0.19	13.35	0.05	1.50
california mountain kingsnake	*Lampropeltis zonata*	N/A	2.67	0.00	0.00	0.14	0.00	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	16.28	16.00	0.00	0.19	13.35	0.05	1.50
giant gartersnake	*Thamnophis gigas*	FT & ST	16.28	16.00	0.00	0.00	0.00	0.00	1.50
Invertebrates									
conservancy fairy shrimp	*Branchinecta conservatio*	FE	0.66	0.29	0.00	0.00	0.00	0.00	0.00
longhorn fairy shrimp	*Branchinecta longiantenna*	FE	0.91	0.05	0.00	0.00	0.00	0.00	0.00
vernal pool fairy shrimp	*Branchinecta lynchi*	FT	4.54	0.69	0.00	0.00	0.00	0.00	0.22
valley elderberry longhorn beetle	*Desmocerus californicus dimorphus*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vernal pool tadpole shrimp	*Lepidurus packardi*	FE	5.02	0.39	0.00	0.00	0.00	0.00	0.22
Plants									
ione manzanita	*Arctostaphylos myrtifolia*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
chinese camp brodiaea	*Brodiaea pallida*	FT & SE	3.69	0.00	0.00	0.00	0.00	0.00	0.00
stebbins' morning-glory	*Calystegia stebbinsii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
succulent owl's-clover	*Castilleja campestris var. succulenta*	FT & SE	15.86	16.00	0.00	0.00	0.00	0.00	0.00
california jewelflower	*Caulanthus californicus*	FE & SE	15.86	16.00	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Annual Grass	Annual Grassland	Barren	Blue Oak Woodland	Deciduous Orchard	Eucalyptus	Fresh Emergent Wetland
pine hill ceanothus	*Ceanothus roderickii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
palmate-bracted bird's-beak	*Chloropyron palmatum*	FE & SE	15.86	16.00	0.00	0.00	0.00	0.00	0.00
kern mallow	*Eremalche parryi ssp. kernensis*	FE	15.86	16.00	0.00	0.00	0.00	0.00	0.00
ione buckwheat	*Eriogonum apricum var. apricum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
irish hill buckwheat	*Eriogonum apricum var. prostratum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hoover's spurge	*Euphorbia hooveri*	FT	15.86	16.00	0.00	0.00	0.00	0.00	0.00
pine hill flannelbush	*Fremontodendron decumbens*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
el dorado bedstraw	*Galium californicum ssp. sierrae*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	16.28	16.00	0.00	0.00	0.00	0.00	0.00
san joaquin woollythreads	*Monolopia congdonii*	FE	15.86	16.00	0.00	0.00	0.00	0.00	0.00
colusa grass	*Neostapfia colusana*	FT & SE	15.86	16.00	0.00	0.00	0.00	0.00	0.00
bakersfield cactus	*Opuntia basilaris var. treleasei*	FE & SE	15.86	16.00	0.00	0.00	0.00	0.00	0.00
san joaquin valley orcutt grass	*Orcuttia inaequalis*	FT & SE	15.86	16.00	0.00	0.00	0.00	0.00	0.00
hairy orcutt grass	*Orcuttia pilosa*	FE & SE	15.86	16.00	0.00	0.00	0.00	0.00	0.00
layne's ragwort	*Packera layneae*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin adobe sunburst	*Pseudobahia peirsonii*	FT & SE	15.86	16.00	0.00	0.00	0.00	0.00	0.00
greene's tuctoria	*Tuctoria greenei*	FE	15.86	16.00	0.00	0.00	0.00	0.00	0.00

Common Name	Species Name	Status	Irrigated Row and Field Crops	Irrigated Row and Field Crops	Lacustrine	Mixed Chaparral	Pasture	Riverine	Urban	Valley Foothill Riparian
		Total:	0.03	11.96	0.77	0.04	45.92	2.69	223.06	1.59
Amphibians										
california tiger salamander	*Ambystoma californiense*	FE & FT & ST	0.00	0.00	0.77	0.00	0.00	0.00	0.00	1.59
california newt	*Taricha torosa*	N/A	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western spadefoot	*Spea hammondii*	FS	0.03	11.96	0.77	0.04	0.00	2.69	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.00	0.00	0.00	0.04	0.00	0.09	0.00	0.00
california red-legged frog	*Rana draytonii*	FT	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00
Birds										
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.77	0.00	0.00	2.69	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.03	11.96	0.77	0.00	0.00	2.69	223.06	1.59
great egret	*Ardea alba*	N/A	0.03	11.96	0.77	0.00	0.00	2.69	223.06	1.59
greater white-fronted goose	*Anser albifrons*	N/A	0.03	11.96	0.77	0.00	0.00	2.69	0.00	0.00
redhead	*Aythya americana*	N/A	0.00	0.00	0.34	0.00	0.00	2.49	0.00	0.00
barrow's goldeneye	*Bucephala islandica*	N/A	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.00	0.00	0.00	0.04	0.00	1.59	0.00	0.05
white-tailed kite	*Elanus leucurus*	FS	0.03	11.96	0.00	0.04	0.00	0.00	223.06	1.59
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.00	0.00	0.77	0.04	0.00	2.69	0.00	1.59
northern harrier	*Circus cyaneus*	N/A	0.00	0.00	0.77	0.04	0.00	2.69	223.06	1.59
swainson's hawk	*Buteo swainsoni*	FS & ST	0.00	0.00	0.00	0.04	45.92	0.00	223.06	1.59
golden eagle	*Aquila chrysaetos*	FS	0.00	0.00	0.00	0.04	45.92	0.00	223.06	1.59
peregrine falcon	*Falco peregrinus*	FS	0.00	0.00	0.77	0.04	0.00	2.69	223.06	1.59
california quail	*Callipepla californica*	N/A	0.00	0.00	0.00	0.04	0.00	0.00	223.06	1.59
black rail	*Laterallus jamaicensis*	FS & ST	0.00	0.00	0.00	0.00	0.00	1.59	0.00	0.00
sandhill crane	*Grus canadensis*	N/A	0.03	11.96	0.77	0.00	0.00	0.00	0.00	1.59
lesser sandhill crane	*Grus canadensis canadensis*	N/A	0.00	10.42	0.32	0.00	0.00	0.00	0.00	0.92
snowy plover	*Charadrius nivosus*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mountain plover	*Charadrius montanus*	FS	0.00	10.42	0.00	0.00	0.00	0.00	0.00	0.00
black tern	*Chlidonias niger*	N/A	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.00	0.00	0.00	0.04	45.92	0.00	223.06	1.59
long-eared owl	*Asio otus*	N/A	0.00	0.00	0.00	0.00	2.40	0.00	0.00	0.04
short-eared owl	*Asio flammeus*	N/A	0.03	11.96	0.00	0.04	0.00	0.00	223.06	1.59
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.00	0.04	0.00	0.00	223.06	1.59
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.59
loggerhead shrike	*Lanius ludovicianus*	N/A	0.00	0.00	0.00	0.04	0.00	0.00	223.06	1.59
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.59
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.00	0.04	0.00	0.00	223.06	1.59
california towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.00	0.04	0.00	0.00	153.47	0.67
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.00	0.00	0.00	0.04	45.92	0.00	0.00	1.59
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.00	0.00	0.77	0.04	0.00	2.69	223.06	1.59
modesto song sparrow	*Melospiza melodia mailliardi*	N/A	0.00	0.00	0.00	0.04	0.00	1.83	159.17	1.39
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.03	11.96	0.00	0.00	0.00	0.00	223.06	1.59
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.03	11.96	0.00	0.00	0.00	0.00	223.06	1.59
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.00	0.77	0.00	45.92	0.00	0.00	0.00
Mammals										
ornate shrew	*Sorex ornatus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25
broad-footed mole	*Scapanus latimanus*	N/A	0.03	1.55	0.00	0.00	6.24	0.00	0.00	0.12
yuma myotis	*Myotis yumanensis*	FS	0.03	11.96	0.77	0.04	45.92	2.69	223.06	1.59
western red bat	*Lasiurus blossevillii*	N/A	0.00	0.00	0.77	0.04	45.92	2.69	223.06	1.59

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Irrigated Row and Field Crops	Irrigated Row and Field Crops	Lacustrine	Mixed Chaparral	Pasture	Riverine	Urban	Valley Foothill Riparian
spotted bat	*Euderma maculatum*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.03	11.96	0.00	0.04	45.92	2.69	223.06	1.59
pallid bat	*Antrozous pallidus*	FS	0.03	11.96	0.00	0.04	45.92	2.69	223.06	1.59
western mastiff bat	*Eumops perotis*	FS	0.00	5.19	0.00	0.04	35.29	0.00	52.89	0.20
brush rabbit	*Sylvilagus bachmani*	N/A	0.00	0.00	0.00	0.00	1.28	0.00	87.06	0.00
riparian brush rabbit	*Sylvilagus bachmani riparius*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	87.06	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	0.03	11.96	0.00	0.04	45.92	0.00	223.06	1.59
nelson's antelope ground squirrel	*Ammospermophilus nelsoni*	FS & ST	0.00	0.00	0.00	0.00	17.53	0.00	0.00	0.00
san joaquin pocket mouse	*Perognathus inornatus*	FS	0.00	0.00	0.00	0.00	45.92	0.00	0.00	0.00
california pocket mouse	*Chaetodipus californicus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
heermann's kangaroo rat	*Dipodomys heermanni*	N/A	0.00	0.00	0.00	0.04	40.62	0.00	0.00	0.00
giant kangaroo rat	*Dipodomys ingens*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
fresno kangaroo rat	*Dipodomys nitratoides*	FE & SE	0.00	0.00	0.00	0.00	0.94	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.03	11.96	0.00	0.04	45.92	0.00	223.06	1.59
dusky-footed woodrat	*Neotoma fuscipes*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
california vole	*Microtus californicus*	N/A	0.03	11.96	0.00	0.04	45.92	0.00	223.06	1.59
red fox	*Vulpes vulpes*	N/A	0.00	6.97	0.00	0.00	27.01	0.00	0.00	0.00
sacramento valley red fox	*Vulpes vulpes patwin*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kit fox	*Vulpes macrotis*	N/A	0.00	0.00	0.00	0.00	36.93	0.00	0.00	0.00
san joaquin kit fox	*Vulpes macrotis mutica*	FE & ST	0.00	0.00	0.00	0.00	36.93	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	0.03	0.00	0.00	0.04	11.14	0.00	0.00	1.04
american badger	*Taxidea taxus*	N/A	0.03	11.96	0.00	0.04	45.92	0.00	0.00	1.59
western spotted skunk	*Spilogale gracilis*	N/A	0.03	11.96	0.00	0.04	45.92	0.00	223.06	1.59
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	1.59	0.00	0.85
mountain lion	*Puma concolor*	ST	0.00	0.00	0.00	0.00	34.79	0.00	0.00	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
Reptiles										
blunt-nosed leopard lizard	*Gambelia sila*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.03	11.96	0.00	0.04	0.00	0.00	0.00	1.59
western skink	*Plestiodon skiltonianus*	N/A	0.00	0.00	0.00	0.00	1.28	0.00	0.00	0.00
california legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.00	0.04	0.00	0.00	0.00	1.59
ring-necked snake	*Diadophis punctatus*	N/A	0.00	0.00	0.00	0.04	0.51	0.00	0.00	0.00
coachwhip	*Coluber flagellum*	N/A	0.00	0.00	0.00	0.00	34.79	0.00	0.00	0.00
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	0.03	11.96	0.00	0.04	45.92	0.00	223.06	1.59
california mountain kingsnake	*Lampropeltis zonata*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	0.03	11.96	0.77	0.04	45.92	0.00	0.00	1.59
giant gartersnake	*Thamnophis gigas*	FT & ST	0.00	0.00	0.77	0.00	0.00	2.69	0.00	1.59
Invertebrates										
conservancy fairy shrimp	*Branchinecta conservatio*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
longhorn fairy shrimp	*Branchinecta longiantenna*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vernal pool fairy shrimp	*Branchinecta lynchi*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
valley elderberry longhorn beetle	*Desmocerus californicus dimorphus*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35
vernal pool tadpole shrimp	*Lepidurus packardi*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants										
ione manzanita	*Arctostaphylos myrtifolia*	FT	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
chinese camp brodiaea	*Brodiaea pallida*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
stebbins' morning-glory	*Calystegia stebbinsii*	FE & SE	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
succulent owl's-clover	*Castilleja campestris var. succulenta*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california jewelflower	*Caulanthus californicus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pine hill ceanothus	*Ceanothus roderickii*	FE	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
palmate-bracted bird's-beak	*Chloropyron palmatum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
kern mallow	*Eremalche parryi ssp. kernensis*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Irrigated Row and Field Crops	Irrigated Row and Field Crops	Lacustrine	Mixed Chaparral	Pasture	Riverine	Urban	Valley Foothill Riparian
ione buckwheat	*Eriogonum apricum var. apricum*	FE & SE	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
irish hill buckwheat	*Eriogonum apricum var. prostratum*	FE & SE	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
hoover's spurge	*Euphorbia hooveri*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pine hill flannelbush	*Fremontodendron decumbens*	FE	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
el dorado bedstraw	*Galium californicum ssp. sierrae*	FE	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin woollythreads	*Monolopia congdonii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
colusa grass	*Neostapfia colusana*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
bakersfield cactus	*Opuntia basilaris var. treleasei*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin valley orcutt grass	*Orcuttia inaequalis*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hairy orcutt grass	*Orcuttia pilosa*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
layne's ragwort	*Packera layneae*	FT	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
san joaquin adobe sunburst	*Pseudobahia peirsonii*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
greene's tuctoria	*Tuctoria greenei*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Caltrans District 10 – Mono Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Perennial Grassland	Urban	Wet Meadow
		Total:	0.16	0.41	0.16
Amphibians					
northern leopard frog	*Lithobates pipiens*	N/A	0.00	0.00	0.16
Birds					
great blue heron	*Ardea herodias*	N/A	0.16	0.41	0.16
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.16	0.00	0.16
northern harrier	*Circus cyaneus*	N/A	0.16	0.41	0.16
golden eagle	*Aquila chrysaetos*	FS	0.16	0.41	0.16
peregrine falcon	*Falco peregrinus*	FS	0.16	0.41	0.16
sooty grouse	*Dendragapus fuliginosus*	N/A	0.16	0.00	0.00
greater sage-grouse	*Centrocercus urophasianus*	FS	0.00	0.00	0.16
california quail	*Callipepla californica*	N/A	0.16	0.41	0.16
burrowing owl	*Athene cunicularia*	FS	0.16	0.41	0.16
long-eared owl	*Asio otus*	N/A	0.16	0.00	0.16
black swift	*Cypseloides niger*	N/A	0.16	0.38	0.16
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.41	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.16	0.41	0.16
yellow warbler	*Setophaga petechia*	N/A	0.00	0.41	0.00
common yellowthroat	*Geothlypis trichas*	N/A	0.16	0.00	0.16
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.41	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.16	0.00	0.16
song sparrow	*Melospiza melodia*	N/A	0.16	0.41	0.16
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.16	0.41	0.16
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.16	0.00	0.16
Mammals					
vagrant shrew	*Sorex vagrans*	N/A	0.16	0.00	0.16
broad-footed mole	*Scapanus latimanus*	N/A	0.16	0.00	0.16
yuma myotis	*Myotis yumanensis*	FS	0.16	0.41	0.16
long-eared myotis	*Myotis evotis*	FS	0.16	0.00	0.16
fringed myotis	*Myotis thysanodes*	FS	0.16	0.41	0.00
small-footed myotis	*Myotis ciliolabrum*	FS	0.16	0.41	0.16
spotted bat	*Euderma maculatum*	FS	0.16	0.41	0.16
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.16	0.41	0.16
pallid bat	*Antrozous pallidus*	FS	0.16	0.41	0.16
white-tailed jackrabbit	*Lepus townsendii*	N/A	0.16	0.00	0.16
black-tailed jackrabbit	*Lepus californicus*	N/A	0.16	0.41	0.16
mountain beaver	*Aplodontia rufa*	N/A	0.16	0.00	0.16
deer mouse	*Peromyscus maniculatus*	N/A	0.16	0.41	0.16
red fox	*Vulpes vulpes*	N/A	0.16	0.00	0.16
sierra nevada red fox	*Vulpes vulpes necator*	FS & ST	0.16	0.00	0.16
ringtail	*Bassariscus astutus*	N/A	0.16	0.00	0.16
marten	*Martes caurina*	FS	0.16	0.00	0.16
wolverine	*Gulo gulo*	FS & ST	0.16	0.00	0.16
american badger	*Taxidea taxus*	N/A	0.16	0.00	0.16
western spotted skunk	*Spilogale gracilis*	N/A	0.16	0.41	0.16
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.16
mountain lion	*Puma concolor*	ST	0.16	0.00	0.16
Reptiles					
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	0.16
gophersnake	*Pituophis catenifer*	N/A	0.16	0.41	0.16
Plants					
owens valley checkerbloom	*Sidalcea covillei*	FS & SE	0.00	0.00	0.16

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Units are in acres

Caltrans District 10 – Sierra Nevada Foothills Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grassland	Barren	Blue Oak Woodland	Chamise - Redshank Chaparral	Mixed Chaparral	Riverine	Urban	Valley Foothill Riparian	Valley Oak Woodland
		Total:	4.60	0.05	1.14	0.95	0.19	0.32	12.20	0.98	0.54
Amphibians											
california tiger salamander	*Ambystoma californiense*	FE & FT & ST	4.03	0.00	0.30	0.00	0.00	0.00	0.00	0.52	0.27
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	1.14	0.00	0.19	0.00	0.00	0.98	0.54
western spadefoot	*Spea hammondii*	FS	1.79	0.00	0.12	0.00	0.00	0.15	0.00	0.00	0.06
foothill yellow-legged frog	*Rana boylii*	FS	4.60	0.00	1.14	0.95	0.19	0.32	0.00	0.98	0.54
california red-legged frog	*Rana draytonii*	FT	4.60	0.00	1.14	0.00	0.19	0.32	0.00	0.98	0.54
Birds											
great blue heron	*Ardea herodias*	N/A	4.60	0.00	1.14	0.00	0.00	0.32	12.20	0.98	0.54
great egret	*Ardea alba*	N/A	4.60	0.00	1.14	0.00	0.00	0.32	12.20	0.98	0.54
greater white-fronted goose	*Anser albifrons*	N/A	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
redhead	*Aythya americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	4.60	0.05	1.14	0.00	0.19	0.32	0.00	0.98	0.54
white-tailed kite	*Elanus leucurus*	FS	4.60	0.05	1.14	0.95	0.19	0.00	12.20	0.98	0.54
bald eagle	*Haliaeetus leucocephalus*	FS & SE	4.60	0.05	1.14	0.95	0.19	0.32	0.00	0.98	0.54
northern harrier	*Circus cyaneus*	N/A	4.60	0.05	1.14	0.95	0.19	0.32	12.20	0.98	0.54
northern goshawk	*Accipiter gentilis*	FS	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.00
swainson's hawk	*Buteo swainsoni*	FS & ST	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
golden eagle	*Aquila chrysaetos*	FS	4.60	0.05	1.14	0.95	0.19	0.00	12.20	0.98	0.54
peregrine falcon	*Falco peregrinus*	FS	4.60	0.05	1.14	0.95	0.19	0.32	12.20	0.98	0.54
california quail	*Callipepla californica*	N/A	4.60	0.00	1.14	0.95	0.19	0.00	12.20	0.98	0.54
sandhill crane	*Grus canadensis*	N/A	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	4.60	0.05	1.14	0.95	0.19	0.00	12.20	0.98	0.54
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.00
california spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.00
long-eared owl	*Asio otus*	N/A	4.60	0.00	1.14	0.95	0.19	0.00	0.00	0.98	0.54
short-eared owl	*Asio flammeus*	N/A	4.60	0.00	1.14	0.95	0.19	0.00	12.20	0.98	0.54
vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00
willow flycatcher	*Empidonax traillii*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
purple martin	*Progne subis*	N/A	0.69	0.00	0.84	0.00	0.00	0.00	0.78	0.39	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	1.14	0.95	0.19	0.00	12.20	0.98	0.54
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	4.60	0.05	1.14	0.95	0.19	0.00	12.20	0.98	0.54
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	1.14	0.95	0.19	0.00	12.20	0.98	0.54
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	1.14	0.95	0.19	0.00	12.20	0.98	0.54
common yellowthroat	*Geothlypis trichas*	N/A	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	1.14	0.95	0.19	0.00	12.20	0.98	0.54
california towhee	*Pipilo crissalis*	N/A	0.00	0.00	1.14	0.95	0.19	0.00	12.20	0.98	0.54
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	4.60	0.00	0.00	0.95	0.19	0.00	0.00	0.98	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	4.60	0.00	1.14	0.00	0.19	0.00	0.00	0.00	0.54
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	4.60	0.00	1.14	0.00	0.19	0.00	0.00	0.00	0.54
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.95	0.19	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	4.60	0.00	1.14	0.95	0.19	0.00	0.00	0.98	0.54
grasshopper sparrow	*Ammodramus savannarum*	N/A	4.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	4.60	0.00	1.14	0.95	0.19	0.32	12.20	0.98	0.54
modesto song sparrow	*Melospiza melodia mailliardi*	N/A	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
red-winged blackbird	*Agelaius phoeniceus*	N/A	4.60	0.00	0.00	0.00	0.00	0.00	12.20	0.98	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	4.60	0.00	0.00	0.00	0.00	0.00	12.20	0.98	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Annual Grassland	Barren	Blue Oak Woodland	Chamise - Redshank Chaparral	Mixed Chaparral	Riverine	Urban	Valley Foothill Riparian	Valley Oak Woodland
Mammals											
ornate shrew	*Sorex ornatus*	N/A	4.31	0.00	1.01	0.00	0.19	0.00	0.00	0.92	0.54
broad-footed mole	*Scapanus latimanus*	N/A	4.60	0.00	1.14	0.00	0.00	0.00	0.00	0.98	0.54
yuma myotis	*Myotis yumanensis*	FS	4.60	0.00	1.14	0.95	0.19	0.32	12.20	0.98	0.54
long-eared myotis	*Myotis evotis*	FS	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.01	0.00
fringed myotis	*Myotis thysanodes*	FS	4.24	0.05	0.99	0.95	0.19	0.32	12.12	0.92	0.49
small-footed myotis	*Myotis ciliolabrum*	FS	4.31	0.05	1.01	0.95	0.19	0.32	12.19	0.92	0.54
western red bat	*Lasiurus blossevillii*	N/A	4.60	0.00	1.14	0.95	0.19	0.32	12.20	0.98	0.54
spotted bat	*Euderma maculatum*	FS	4.54	0.00	1.08	0.00	0.00	0.32	12.20	0.92	0.54
townsend's big-eared bat	*Corynorhinus townsendii*	FS	4.60	0.05	1.14	0.95	0.19	0.32	12.20	0.98	0.54
pallid bat	*Antrozous pallidus*	FS	4.60	0.05	1.14	0.95	0.19	0.32	12.20	0.98	0.54
western mastiff bat	*Eumops perotis*	FS	4.60	0.05	1.14	0.95	0.19	0.00	12.20	0.98	0.54
brush rabbit	*Sylvilagus bachmani*	N/A	4.60	0.00	1.14	0.95	0.19	0.00	12.20	0.98	0.54
black-tailed jackrabbit	*Lepus californicus*	N/A	4.60	0.00	1.14	0.95	0.19	0.00	12.20	0.98	0.54
san joaquin pocket mouse	*Perognathus inornatus*	FS	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california pocket mouse	*Chaetodipus californicus*	N/A	4.60	0.00	1.14	0.95	0.19	0.00	0.00	0.00	0.54
heermann's kangaroo rat	*Dipodomys heermanni*	N/A	4.60	0.00	1.14	0.00	0.19	0.00	0.00	0.00	0.54
deer mouse	*Peromyscus maniculatus*	N/A	4.60	0.05	1.14	0.95	0.19	0.00	12.20	0.98	0.54
california vole	*Microtus californicus*	N/A	4.60	0.00	1.14	0.00	0.19	0.00	12.20	0.98	0.54
ringtail	*Bassariscus astutus*	N/A	4.60	0.05	1.14	0.95	0.19	0.00	0.00	0.98	0.54
american badger	*Taxidea taxus*	N/A	4.60	0.05	1.14	0.95	0.19	0.00	0.00	0.98	0.54
western spotted skunk	*Spilogale gracilis*	N/A	4.60	0.00	1.14	0.95	0.19	0.00	12.20	0.98	0.54
mountain lion	*Puma concolor*	ST	4.60	0.00	1.14	0.95	0.19	0.00	0.00	0.98	0.54
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	1.14	0.95	0.19	0.00	0.00	0.98	0.54
Reptiles											
blainville's horned lizard	*Phrynosoma blainvillii*	FS	4.60	0.00	1.14	0.95	0.19	0.00	0.00	0.98	0.54
western skink	*Plestiodon skiltonianus*	N/A	1.03	0.00	0.22	0.00	0.00	0.00	0.00	0.29	0.06
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00
ring-necked snake	*Diadophis punctatus*	N/A	4.60	0.00	1.14	0.95	0.19	0.00	12.20	0.98	0.54
striped racer	*Coluber lateralis*	N/A	0.00	0.00	1.14	0.95	0.19	0.00	0.00	0.98	0.54
gophersnake	*Pituophis catenifer*	N/A	4.60	0.00	1.14	0.95	0.19	0.00	12.20	0.98	0.54
california mountain kingsnake	*Lampropeltis zonata*	N/A	4.60	0.00	1.14	0.00	0.19	0.00	0.00	0.98	0.54
common gartersnake	*Thamnophis sirtalis*	N/A	4.60	0.00	1.14	0.95	0.19	0.00	0.00	0.98	0.54
giant gartersnake	*Thamnophis gigas*	FT & ST	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Invertebrates											
vernal pool fairy shrimp	*Branchinecta lynchi*	FT	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
valley elderberry longhorn beetle	*Desmocerus californicus dimorphus*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00
vernal pool tadpole shrimp	*Lepidurus packardi*	FE	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants											
yosemite onion	*Allium yosemitense*	N/A	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00
chinese camp brodiaea	*Brodiaea pallida*	FT & SE	4.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mariposa pussypaws	*Calyptridium pulchellum*	FT	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00
tree-anemone	*Carpenteria californica*	FS & ST	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00
merced clarkia	*Clarkia lingulata*	FS & SE	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00
congdon's woolly sunflower	*Eriophyllum congdonii*	FS	1.18	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	4.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
congdon's lewisia	*Lewisia congdonii*	FS	1.18	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00
mariposa lupine	*Lupinus citrinus var. deflexus*	FS & ST	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00
san joaquin valley orcutt grass	*Orcuttia inaequalis*	FT & SE	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
layne's ragwort	*Packera layneae*	FT	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00
hartweg's golden sunburst	*Pseudobahia bahiifolia*	FE & SE	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
keck's checkerbloom	*Sidalcea keckii*	FE	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
red hills vervain	*Verbena californica*	FT & ST	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Units are in acres

Caltrans District 10 – Sierra Nevada Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise - Redshank Chaparral	Douglas-Fir	Eastside Pine	Jeffrey Pine	Lacustrine	Lodgepole Pine	Low Sage	Mixed Chaparral	Montane Chaparral	Montane Hardwood
		Total:	0.54	2.46	0.58	0.25	0.56	0.23	1.52	0.75	0.23	1.11	0.14	0.35	2.15	1.93
Amphibians																
california tiger salamander	*Ambystoma californiense*	FE & FT & ST	0.00	0.00	0.58	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00
long-toed salamander	*Ambystoma macrodactylum*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.02	1.11	0.00	0.00	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.58	0.25	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.35	0.02	1.93
mount lyell salamander	*Hydromantes platycephalus*	N/A	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.11	0.00	0.00	0.00	0.00
limestone salamander	*Hydromantes brunus*	FS & ST	0.00	0.00	0.58	0.25	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
yosemite toad	*Anaxyrus canorus*	FT & FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.02	0.81	0.00	0.00	0.00	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.35	0.00	0.58	0.25	0.56	0.23	0.00	0.00	0.00	0.00	0.00	0.35	0.02	1.93
northern leopard frog	*Lithobates pipiens*	N/A	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
sierra nevada yellow-legged frog	*Rana sierrae*	FE & FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.20	1.11	0.00	0.00	0.00	0.73
california red-legged frog	*Rana draytonii*	FT	0.35	0.00	0.58	0.25	0.00	0.23	0.00	0.00	0.18	0.00	0.00	0.35	0.00	1.93
Birds																
great blue heron	*Ardea herodias*	N/A	0.39	0.00	0.58	0.25	0.00	0.23	1.52	0.00	0.22	0.00	0.00	0.00	0.00	1.93
redhead	*Aythya americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
harlequin duck	*Histrionicus histrionicus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.54	2.46	0.58	0.25	0.00	0.23	1.52	0.75	0.23	1.11	0.00	0.35	2.15	1.93
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.54	2.43	0.58	0.25	0.56	0.23	1.52	0.75	0.23	1.11	0.14	0.35	2.11	1.93
northern harrier	*Circus cyaneus*	N/A	0.04	0.62	0.00	0.00	0.00	0.00	1.52	0.51	0.03	0.00	0.02	0.00	1.58	0.00
northern goshawk	*Accipiter gentilis*	FS	0.00	0.00	0.58	0.25	0.56	0.23	1.52	0.75	0.00	1.11	0.14	0.35	2.15	1.77
golden eagle	*Aquila chrysaetos*	FS	0.54	2.46	0.58	0.25	0.56	0.23	1.52	0.75	0.00	1.11	0.14	0.35	2.15	1.93
peregrine falcon	*Falco peregrinus*	FS	0.54	2.46	0.58	0.25	0.56	0.23	1.52	0.75	0.23	1.11	0.14	0.35	2.15	1.93
sooty grouse	*Dendragapus fuliginosus*	N/A	0.54	0.00	0.00	0.00	0.00	0.00	1.52	0.75	0.00	1.11	0.00	0.00	0.00	0.79
greater sage-grouse	*Centrocercus urophasianus*	FS	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
california quail	*Callipepla californica*	N/A	0.33	0.00	0.58	0.25	0.14	0.00	1.52	0.00	0.00	0.00	0.02	0.35	1.58	0.95
burrowing owl	*Athene cunicularia*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.25	0.00	0.23	0.00	0.00	0.00	0.30	0.00	0.00	0.00	1.93
california spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.00	0.00	0.25	0.00	0.23	0.00	0.00	0.00	0.29	0.00	0.00	0.00	1.93
great gray owl	*Strix nebulosa*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00
long-eared owl	*Asio otus*	N/A	0.54	0.00	0.58	0.25	0.56	0.00	1.52	0.00	0.00	0.00	0.14	0.35	2.15	1.93
short-eared owl	*Asio flammeus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black swift	*Cypseloides niger*	N/A	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.48	0.03	0.00	0.00	0.00	1.36	0.00
vaux's swift	*Chaetura vauxi*	N/A	0.00	0.00	0.00	0.25	0.00	0.23	0.00	0.00	0.18	0.00	0.00	0.35	0.18	1.93
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.25	0.56	0.23	1.52	0.75	0.00	1.11	0.00	0.35	0.00	1.93
willow flycatcher	*Empidonax traillii*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
purple martin	*Progne subis*	N/A	0.29	0.00	0.58	0.25	0.00	0.18	0.00	0.00	0.18	0.00	0.00	0.00	0.00	1.34
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.58	0.25	0.56	0.23	0.00	0.00	0.00	0.00	0.00	0.35	0.02	1.93

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise - Redshank Chaparral	Douglas-Fir	Eastside Pine	Jeffrey Pine	Lacustrine	Lodgepole Pine	Low Sage	Mixed Chaparral	Montane Chaparral	Montane Hardwood
loggerhead shrike	*Lanius ludovicianus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.02	0.00	0.01
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.58	0.00	0.41	0.23	0.00	0.00	0.00	0.00	0.00	0.16	0.00	1.88
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.58	0.25	0.56	0.23	0.00	0.32	0.00	0.00	0.00	0.35	0.59	1.93
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.58	0.25	0.56	0.23	1.52	0.51	0.00	0.00	0.00	0.35	1.60	1.93
california towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.58	0.25	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	1.32
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.33	0.00	0.58	0.25	0.56	0.00	0.00	0.00	0.00	0.00	0.02	0.18	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.54	0.00	0.58	0.25	0.56	0.23	1.52	0.75	0.23	0.00	0.00	0.35	0.00	1.93
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
Mammals																
vagrant shrew	*Sorex vagrans*	N/A	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.76	0.00	0.00	1.80	0.00
ornate shrew	*Sorex ornatus*	N/A	0.35	0.00	0.58	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00
broad-footed mole	*Scapanus latimanus*	N/A	0.54	0.00	0.58	0.25	0.00	0.23	1.52	0.75	0.00	1.11	0.00	0.00	0.00	1.93
yuma myotis	*Myotis yumanensis*	FS	0.54	0.00	0.58	0.25	0.56	0.23	1.52	0.75	0.23	1.11	0.14	0.35	2.15	1.93
long-eared myotis	*Myotis evotis*	FS	0.00	2.46	0.58	0.25	0.56	0.23	1.52	0.75	0.23	1.11	0.00	0.35	2.15	1.93
fringed myotis	*Myotis thysanodes*	FS	0.54	2.46	0.58	0.25	0.56	0.23	1.52	0.75	0.23	1.11	0.14	0.35	2.15	1.93
small-footed myotis	*Myotis ciliolabrum*	FS	0.35	1.53	0.58	0.25	0.56	0.00	0.21	0.00	0.21	0.00	0.00	0.35	0.00	1.93
western red bat	*Lasiurus blossevillii*	N/A	0.35	0.00	0.58	0.25	0.56	0.23	0.00	0.00	0.18	0.00	0.00	0.32	0.00	1.92
spotted bat	*Euderma maculatum*	FS	0.54	0.00	0.58	0.25	0.00	0.00	1.52	0.75	0.00	0.00	0.14	0.00	2.15	0.00
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.50	2.35	0.58	0.25	0.56	0.23	1.52	0.10	0.00	0.34	0.02	0.35	0.47	1.93
pallid bat	*Antrozous pallidus*	FS	0.54	2.46	0.58	0.25	0.56	0.23	1.52	0.75	0.00	1.11	0.14	0.35	2.15	1.93
western mastiff bat	*Eumops perotis*	FS	0.35	1.49	0.58	0.25	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.02	1.93
pygmy rabbit	*Brachylagus idahoensis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
brush rabbit	*Sylvilagus bachmani*	N/A	0.29	0.00	0.58	0.25	0.56	0.18	0.00	0.00	0.00	0.00	0.00	0.18	0.00	1.32
snowshoe hare	*Lepus americanus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.00	1.11	0.00	0.00	0.00	0.00
white-tailed jackrabbit	*Lepus townsendii*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	1.52	0.75	0.00	0.82	0.14	0.00	0.00	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	0.35	0.00	0.58	0.25	0.56	0.23	0.00	0.00	0.00	0.00	0.00	0.35	0.02	1.93
mountain beaver	*Aplodontia rufa*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	1.52	0.75	0.00	1.11	0.00	0.00	0.00	0.01
lodgepole chipmunk	*Tamias speciosus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.00	1.11	0.00	0.00	2.13	0.00
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.00	0.00	0.58	0.25	0.00	0.23	1.40	0.75	0.00	1.11	0.00	0.00	0.00	1.77
california pocket mouse	*Chaetodipus californicus*	N/A	0.29	0.00	0.58	0.25	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76
deer mouse	*Peromyscus maniculatus*	N/A	0.54	2.46	0.58	0.25	0.56	0.23	1.52	0.75	0.00	1.11	0.14	0.35	2.15	1.93
california vole	*Microtus californicus*	N/A	0.35	0.00	0.58	0.25	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.35	0.00	1.93
red fox	*Vulpes vulpes*	N/A	0.12	0.70	0.00	0.00	0.00	0.00	1.52	0.56	0.00	0.68	0.00	0.02	1.58	0.00
sierra nevada red fox	*Vulpes vulpes necator*	FS & ST	0.12	0.70	0.00	0.00	0.00	0.00	1.52	0.56	0.00	0.68	0.00	0.02	1.58	0.00
ringtail	*Bassariscus astutus*	N/A	0.54	2.46	0.58	0.25	0.56	0.23	1.52	0.75	0.00	0.00	0.14	0.35	2.15	1.93
marten	*Martes caurina*	FS	0.00	1.37	0.00	0.00	0.00	0.00	1.52	0.75	0.00	1.11	0.00	0.00	0.00	0.00
fisher	*Pekania pennanti*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.23	1.52	0.75	0.00	1.11	0.00	0.00	0.00	0.00
wolverine	*Gulo gulo*	FS & ST	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.75	0.00	1.11	0.00	0.00	2.15	0.00
american badger	*Taxidea taxus*	N/A	0.54	2.46	0.58	0.25	0.56	0.23	1.52	0.75	0.00	1.11	0.14	0.35	2.15	1.93
western spotted skunk	*Spilogale gracilis*	N/A	0.54	0.00	0.58	0.25	0.56	0.23	1.52	0.75	0.00	1.11	0.14	0.35	2.11	1.93

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Common Name	Species Name	Status	Annual Grass	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise - Redshank Chaparral	Douglas-Fir	Eastside Pine	Jeffrey Pine	Lacustrine	Lodgepole Pine	Low Sage	Mixed Chaparral	Montane Chaparral	Montane Hardwood
northern river otter	*Lontra canadensis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
mountain lion	*Puma concolor*	ST	0.54	0.00	0.58	0.25	0.56	0.23	1.52	0.75	0.00	1.11	0.14	0.35	2.15	1.93
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	0.58	0.25	0.56	0.23	0.00	0.00	0.00	0.00	0.00	0.35	0.02	1.93
Reptiles																
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.00	0.00	0.23	1.52	0.75	0.00	1.11	0.14	0.35	2.15	1.93
blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern rubber boa	*Charina bottae*	N/A	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.75	0.00	1.11	0.00	0.00	2.15	1.93
ring-necked snake	*Diadophis punctatus*	N/A	0.35	0.00	0.58	0.25	0.56	0.23	0.00	0.00	0.00	0.00	0.00	0.32	0.00	1.92
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.58	0.25	0.56	0.18	0.00	0.00	0.00	0.00	0.00	0.35	0.00	1.34
gophersnake	*Pituophis catenifer*	N/A	0.50	0.00	0.58	0.25	0.56	0.23	1.52	0.15	0.00	0.00	0.02	0.35	0.55	1.93
california mountain kingsnake	*Lampropeltis zonata*	N/A	0.40	0.00	0.58	0.25	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.35	0.18	1.93
common gartersnake	*Thamnophis sirtalis*	N/A	0.50	0.00	0.58	0.25	0.56	0.23	0.00	0.00	0.19	0.00	0.00	0.35	0.22	1.93
Plants																
yosemite onion	*Allium yosemitense*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.79
ione manzanita	*Arctostaphylos myrtifolia*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.75
mono milk-vetch	*Astragalus monoensis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
chinese camp brodiaea	*Brodiaea pallida*	FT & SE	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.51
mariposa pussypaws	*Calyptridium pulchellum*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.79
stebbins' morning-glory	*Calystegia stebbinsii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.75
tree-anemone	*Carpenteria californica*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76
pine hill ceanothus	*Ceanothus roderickii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.75
merced clarkia	*Clarkia lingulata*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76
ione buckwheat	*Eriogonum apricum var. apricum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00
irish hill buckwheat	*Eriogonum apricum var. prostratum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00
congdon's woolly sunflower	*Eriophyllum congdonii*	FS	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76
pine hill flannelbush	*Fremontodendron decumbens*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.75
el dorado bedstraw	*Galium californicum ssp. sierrae*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.75
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
webber's ivesia	*Ivesia webberi*	FT & FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00
congdon's lewisia	*Lewisia congdonii*	FS	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.79
mariposa lupine	*Lupinus citrinus var. deflexus*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76
father crowley's lupine	*Lupinus padre-crowleyi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin valley orcutt grass	*Orcuttia inaequalis*	FT & SE	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
layne's ragwort	*Packera layneae*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	1.51

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hartweg's golden sunburst	*Pseudobahia bahiifolia*	FE & SE	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76
tahoe yellow cress	*Rorippa subumbellata*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00
keck's checkerbloom	*Sidalcea keckii*	FE	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76
red hills vervain	*Verbena californica*	FT & ST	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76

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Common Name	Species Name	Status	Montane Hardwood-Conifer	Montane Riparian	Perennial Grassland	Pinyon-Juniper	Ponderosa Pine	Red Fir	Riverine	Sagebrush	Sierran Mixed Conifer	Subalpine Conifer	Urban	Wet Meadow	White Fir
		Total:	0.51	0.79	0.27	0.04	0.65	2.14	0.50	2.09	1.37	0.14	3.07	0.22	0.02
Amphibians															
california tiger salamander	*Ambystoma californiense*	FE & FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
long-toed salamander	*Ambystoma macrodactylum*	N/A	0.08	0.36	0.00	0.00	0.00	2.14	0.00	0.00	0.45	0.00	0.00	0.19	0.02
ensatina	*Ensatina eschscholtzii*	N/A	0.42	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00
mount lyell salamander	*Hydromantes platycephalus*	N/A	0.00	0.00	0.00	0.00	0.00	2.14	0.00	0.00	0.61	0.14	0.00	0.17	0.02
limestone salamander	*Hydromantes brunus*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yosemite toad	*Anaxyrus canorus*	FT & FS	0.00	0.00	0.00	0.00	0.00	1.72	0.00	0.00	0.58	0.14	0.00	0.10	0.00
foothill yellow-legged frog	*Rana boylii*	FS	0.42	0.00	0.00	0.00	0.65	0.00	0.50	0.00	0.06	0.00	0.00	0.00	0.00
northern leopard frog	*Lithobates pipiens*	N/A	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.03	0.00
sierra nevada yellow-legged frog	*Rana sierrae*	FE & FS & ST	0.43	0.31	0.00	0.00	0.52	2.14	0.50	0.00	1.33	0.14	0.00	0.17	0.02
california red-legged frog	*Rana draytonii*	FT	0.42	0.00	0.03	0.00	0.65	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00
Birds															
great blue heron	*Ardea herodias*	N/A	0.51	0.79	0.04	0.04	0.65	0.00	0.50	0.00	0.89	0.00	2.87	0.12	0.02
redhead	*Aythya americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
harlequin duck	*Histrionicus histrionicus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.51	0.79	0.27	0.04	0.65	2.14	0.50	2.09	1.37	0.14	0.00	0.22	0.02
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.51	0.79	0.27	0.04	0.65	2.14	0.50	2.09	1.37	0.14	0.00	0.22	0.02
northern harrier	*Circus cyaneus*	N/A	0.04	0.49	0.00	0.04	0.03	0.00	0.00	1.99	0.04	0.00	0.92	0.05	0.00
northern goshawk	*Accipiter gentilis*	FS	0.48	0.79	0.00	0.04	0.65	2.14	0.00	2.09	1.37	0.14	0.00	0.00	0.02
golden eagle	*Aquila chrysaetos*	FS	0.51	0.79	0.27	0.04	0.65	2.14	0.00	2.09	1.37	0.14	3.07	0.22	0.02
peregrine falcon	*Falco peregrinus*	FS	0.51	0.79	0.27	0.04	0.65	2.14	0.50	2.09	1.37	0.00	3.07	0.22	0.02
sooty grouse	*Dendragapus fuliginosus*	N/A	0.48	0.79	0.27	0.00	0.52	2.14	0.00	2.09	1.37	0.14	0.00	0.00	0.02
greater sage-grouse	*Centrocercus urophasianus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00
california quail	*Callipepla californica*	N/A	0.44	0.49	0.00	0.04	0.60	0.00	0.00	1.99	0.75	0.00	1.76	0.05	0.00
burrowing owl	*Athene cunicularia*	FS	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00
spotted owl	*Strix occidentalis*	N/A	0.42	0.00	0.00	0.00	0.65	1.56	0.00	0.00	0.25	0.00	0.00	0.00	0.00
california spotted owl	*Strix occidentalis occidentalis*	FS	0.42	0.00	0.00	0.00	0.65	1.51	0.00	0.00	0.25	0.00	0.00	0.00	0.00
great gray owl	*Strix nebulosa*	FS & SE	0.00	0.00	0.00	0.00	0.00	1.44	0.00	0.00	0.25	0.00	0.00	0.10	0.00
long-eared owl	*Asio otus*	N/A	0.51	0.79	0.27	0.00	0.65	0.00	0.00	2.09	1.37	0.00	0.00	0.22	0.02
short-eared owl	*Asio flammeus*	N/A	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black swift	*Cypseloides niger*	N/A	0.02	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.00	1.45	0.05	0.00
vaux's swift	*Chaetura vauxi*	N/A	0.42	0.00	0.22	0.00	0.65	1.44	0.50	0.00	0.25	0.00	1.61	0.10	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.51	0.79	0.00	0.00	0.65	2.14	0.00	0.00	0.71	0.14	0.00	0.00	0.02
willow flycatcher	*Empidonax traillii*	FS & SE	0.00	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
purple martin	*Progne subis*	N/A	0.40	0.00	0.00	0.00	0.60	0.00	0.50	0.00	0.06	0.00	0.48	0.00	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.42	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.73	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.02	0.00	0.00	0.00	0.03	0.00	0.00	0.24	0.00	0.00	0.59	0.00	0.00
hutton's vireo	*Vireo huttoni*	N/A	0.39	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.02	0.00	0.21	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Montane Hardwood-Conifer	Montane Riparian	Perennial Grassland	Pinyon-Juniper	Ponderosa Pine	Red Fir	Riverine	Sagebrush	Sierran Mixed Conifer	Subalpine Conifer	Urban	Wet Meadow	White Fir
yellow warbler	*Setophaga petechia*	N/A	0.42	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.72	0.00	0.91	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.46	0.49	0.00	0.04	0.65	0.00	0.00	1.99	0.76	0.00	1.83	0.00	0.00
california towhee	*Pipilo crissalis*	N/A	0.38	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.00	0.00	0.00	0.04	0.00	0.00	0.00	1.99	0.00	0.00	0.00	0.05	0.00
song sparrow	*Melospiza melodia*	N/A	0.51	0.79	0.27	0.04	0.65	0.00	0.50	0.00	1.37	0.00	3.07	0.22	0.02
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.79	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.07	0.22	0.00
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
Mammals															
vagrant shrew	*Sorex vagrans*	N/A	0.10	0.79	0.04	0.00	0.00	0.21	0.00	0.00	0.93	0.14	0.00	0.12	0.02
ornate shrew	*Sorex ornatus*	N/A	0.39	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
broad-footed mole	*Scapanus latimanus*	N/A	0.51	0.79	0.27	0.00	0.65	2.14	0.00	0.00	1.37	0.00	0.00	0.22	0.02
yuma myotis	*Myotis yumanensis*	FS	0.51	0.79	0.27	0.04	0.65	2.14	0.50	2.09	1.37	0.14	3.07	0.22	0.02
long-eared myotis	*Myotis evotis*	FS	0.51	0.79	0.27	0.04	0.65	2.14	0.50	2.09	1.37	0.14	0.00	0.22	0.02
fringed myotis	*Myotis thysanodes*	FS	0.51	0.79	0.27	0.04	0.65	2.14	0.50	2.09	1.37	0.00	3.07	0.00	0.02
small-footed myotis	*Myotis ciliolabrum*	FS	0.42	0.41	0.00	0.04	0.65	0.00	0.50	0.97	0.05	0.00	1.35	0.02	0.00
western red bat	*Lasiurus blossevillii*	N/A	0.39	0.00	0.00	0.00	0.65	0.00	0.50	0.00	0.05	0.00	0.29	0.00	0.00
spotted bat	*Euderma maculatum*	FS	0.51	0.79	0.27	0.04	0.65	0.00	0.50	2.09	1.37	0.00	3.07	0.22	0.02
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.46	0.48	0.22	0.04	0.65	1.79	0.50	1.96	0.41	0.00	2.54	0.12	0.00
pallid bat	*Antrozous pallidus*	FS	0.51	0.79	0.27	0.04	0.65	2.14	0.50	2.09	1.37	0.00	3.07	0.22	0.02
western mastiff bat	*Eumops perotis*	FS	0.42	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.55	0.00	0.00
pygmy rabbit	*Brachylagus idahoensis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00
brush rabbit	*Sylvilagus bachmani*	N/A	0.40	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.02	0.00	0.40	0.00	0.00
snowshoe hare	*Lepus americanus*	N/A	0.00	0.79	0.00	0.00	0.00	2.14	0.00	0.00	1.30	0.14	0.00	0.00	0.02
white-tailed jackrabbit	*Lepus townsendii*	N/A	0.00	0.00	0.04	0.00	0.00	0.70	0.00	2.09	0.00	0.14	0.00	0.12	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	0.42	0.00	0.00	0.00	0.65	0.00	0.00	0.24	0.09	0.00	0.55	0.00	0.00
mountain beaver	*Aplodontia rufa*	N/A	0.12	0.79	0.27	0.00	0.00	2.14	0.00	0.00	1.32	0.14	0.00	0.22	0.02
lodgepole chipmunk	*Tamias speciosus*	N/A	0.00	0.00	0.00	0.00	0.00	2.14	0.00	0.00	1.28	0.14	0.00	0.00	0.02
northern flying squirrel	*Glaucomys sabrinus*	N/A	0.46	0.77	0.00	0.00	0.44	2.14	0.00	0.00	1.37	0.14	0.00	0.00	0.02
california pocket mouse	*Chaetodipus californicus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.51	0.79	0.27	0.04	0.65	2.14	0.00	2.09	1.37	0.14	3.07	0.22	0.02
california vole	*Microtus californicus*	N/A	0.42	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.05	0.00	0.52	0.00	0.00
red fox	*Vulpes vulpes*	N/A	0.05	0.49	0.00	0.00	0.00	0.12	0.00	0.00	0.70	0.02	0.00	0.12	0.00
sierra nevada red fox	*Vulpes vulpes necator*	FS & ST	0.05	0.49	0.00	0.00	0.00	0.12	0.00	0.00	0.70	0.02	0.00	0.12	0.00
ringtail	*Bassariscus astutus*	N/A	0.51	0.79	0.27	0.04	0.65	0.00	0.00	2.09	1.37	0.00	0.00	0.22	0.02
marten	*Martes caurina*	FS	0.12	0.79	0.27	0.00	0.00	2.14	0.00	0.00	1.32	0.14	0.00	0.22	0.02
fisher	*Pekania pennanti*	FS & ST	0.18	0.79	0.00	0.00	0.35	2.14	0.00	0.00	1.35	0.14	0.00	0.00	0.02
wolverine	*Gulo gulo*	FS & ST	0.12	0.79	0.27	0.00	0.00	2.14	0.00	0.00	1.32	0.14	0.00	0.22	0.02
american badger	*Taxidea taxus*	N/A	0.51	0.79	0.27	0.04	0.65	2.14	0.00	2.09	1.37	0.14	0.00	0.22	0.02
western spotted skunk	*Spilogale gracilis*	N/A	0.51	0.79	0.27	0.04	0.65	2.14	0.00	2.09	1.37	0.00	3.07	0.22	0.02
northern river otter	*Lontra canadensis*	N/A	0.00	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00
mountain lion	*Puma concolor*	ST	0.51	0.79	0.27	0.04	0.65	2.14	0.00	2.09	1.37	0.14	0.00	0.22	0.02
big-eared woodrat	*Neotoma macrotis*	N/A	0.42	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Montane Hardwood-Conifer	Montane Riparian	Perennial Grassland	Pinyon-Juniper	Ponderosa Pine	Red Fir	Riverine	Sagebrush	Sierran Mixed Conifer	Subalpine Conifer	Urban	Wet Meadow	White Fir
Reptiles															
common sagebrush lizard	*Sceloporus graciosus*	FS	0.51	0.00	0.00	0.04	0.65	0.00	0.00	2.09	1.37	0.00	0.00	0.00	0.02
blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern rubber boa	*Charina bottae*	N/A	0.51	0.79	0.00	0.00	0.65	2.14	0.00	0.00	1.37	0.00	0.00	0.22	0.02
ring-necked snake	*Diadophis punctatus*	N/A	0.39	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.05	0.00	0.25	0.00	0.00
striped racer	*Coluber lateralis*	N/A	0.40	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	0.51	0.48	0.22	0.04	0.65	0.00	0.00	1.98	0.44	0.00	2.54	0.19	0.02
california mountain kingsnake	*Lampropeltis zonata*	N/A	0.42	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.25	0.00	0.00	0.10	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	0.42	0.00	0.22	0.00	0.65	0.00	0.00	0.00	0.52	0.00	0.00	0.10	0.00
Plants															
yosemite onion	*Allium yosemitense*	N/A	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ione manzanita	*Arctostaphylos myrtifolia*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mono milk-vetch	*Astragalus monoensis*	FS	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
chinese camp brodiaea	*Brodiaea pallida*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mariposa pussypaws	*Calyptridium pulchellum*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
stebbins' morning-glory	*Calystegia stebbinsii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tree-anemone	*Carpenteria californica*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pine hill ceanothus	*Ceanothus roderickii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
merced clarkia	*Clarkia lingulata*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ione buckwheat	*Eriogonum apricum var. apricum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
irish hill buckwheat	*Eriogonum apricum var. prostratum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
congdon's woolly sunflower	*Eriophyllum congdonii*	FS	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
pine hill flannelbush	*Fremontodendron decumbens*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
el dorado bedstraw	*Galium californicum ssp. sierrae*	FE	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
boggs lake hedge-hyssop	*Gratiola heterosepala*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
webber's ivesia	*Ivesia webberi*	FT & FS	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
congdon's lewisia	*Lewisia congdonii*	FS	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mariposa lupine	*Lupinus citrinus var. deflexus*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
father crowley's lupine	*Lupinus padre-crowleyi*	N/A	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san joaquin valley orcutt grass	*Orcuttia inaequalis*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
layne's ragwort	*Packera layneae*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hartweg's golden sunburst	*Pseudobahia bahiifolia*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
tahoe yellow cress	*Rorippa subumbellata*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00

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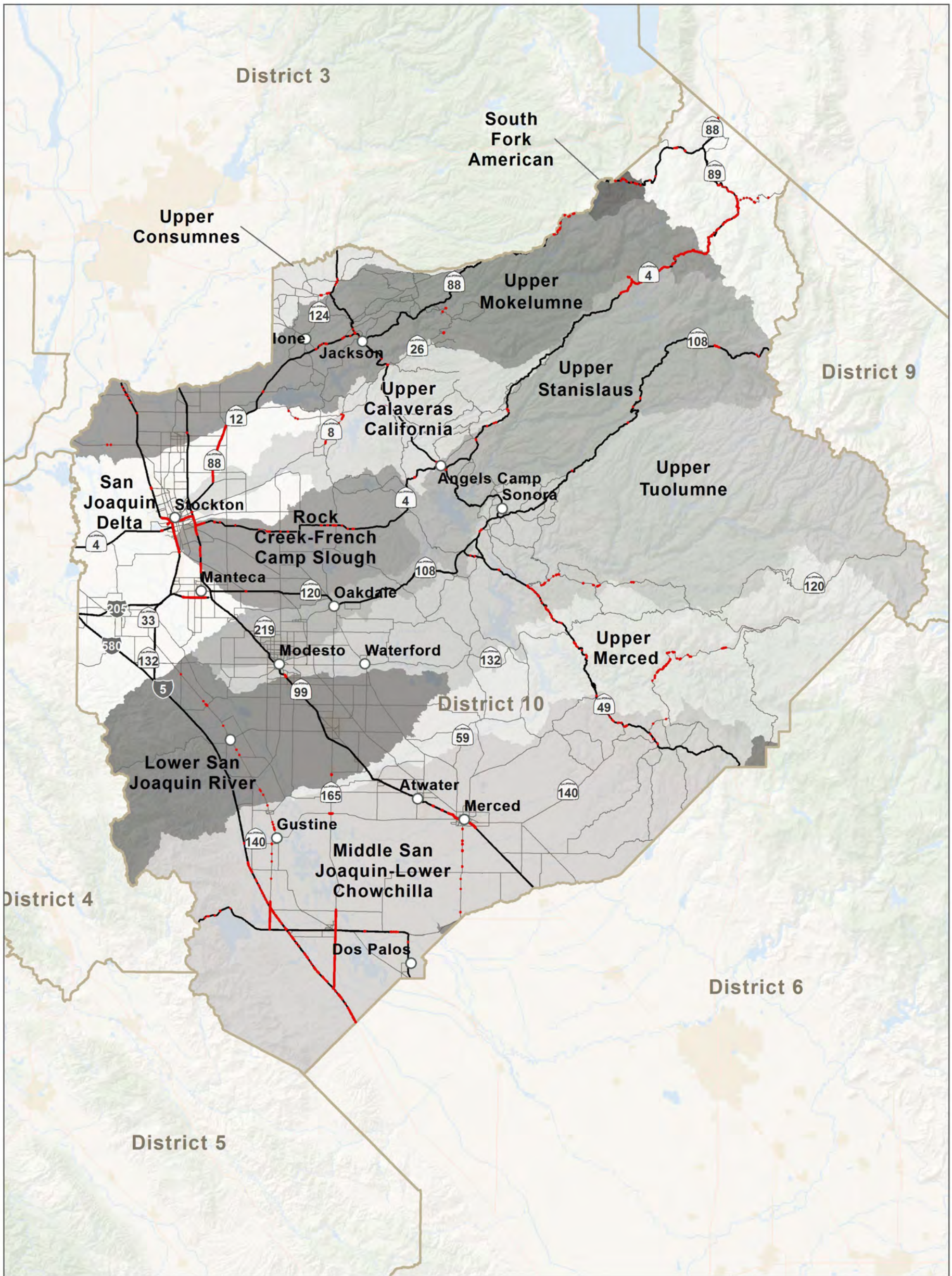
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keck's checkerbloom	*Sidalcea keckii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
red hills vervain	*Verbena californica*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Caltrans District 10 – Hydrologic Units (HUC-8) with Potential Transportation Projects



PATH: G:\CALTRANS\10235489_CALTRANS_TO4_SAMNA2020\7.2_WORKING\MAP_DOCS\PROCESSING\7_CALTRANSPROJECTS\D10\CALTRANS_HUC_ANSIB_D10.MXD - USER: SETHOMAS - DATE: 2/10/2021

Caltrans District 10 – Watershed Impacts to Waters and Fish Species Summary Table

HUC-8 Name / Common Species Name	Scientific Species Name	Listing Status	Artificial Path	Canal/Ditch	Inundation Area	Lake/Pond	Pipeline	Reservoir	Stream/River	Swamp/ Marsh
Lower San Joaquin River			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Middle San Joaquin-Lower Chowchilla			0.18	3.20	0.00	0.00	0.15	0.19	1.12	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rock Creek-French Camp Slough			0.00	0.16	0.00	0.00	0.00	0.00	0.39	0.00
Chinook salmon - Spring-run	*Oncorhynchus tshawytscha*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00
Chinook salmon - Winter-run	*Oncorhynchus tshawytscha*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00
Delta smelt	*Hypomesus transpacificus*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00
Green sturgeon - Southern DPS	*Acipenser medirostris*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00
Steelhead - California Central Valley DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00
San Joaquin Delta			0.00	2.06	0.00	0.00	0.05	0.00	3.78	0.01
Chinook salmon - Spring-run	*Oncorhynchus tshawytscha*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	3.31	0.00
Chinook salmon - Winter-run	*Oncorhynchus tshawytscha*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	3.31	0.00
Delta smelt	*Hypomesus transpacificus*	FT & SE	0.00	1.42	0.00	0.00	0.05	0.00	3.56	0.00
Green sturgeon - Southern DPS	*Acipenser medirostris*	FT	0.00	0.00	0.00	0.00	0.00	0.00	3.31	0.00
Longfin smelt	*Spirinchus thaleichthys*	ST	0.00	2.12	0.00	0.00	0.05	0.00	3.78	0.00
Steelhead - California Central Valley DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.00	3.63	0.00
South Fork American			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upper Calaveras California			0.00	0.00	0.84	0.00	0.00	0.00	0.27	0.00
Steelhead - California Central Valley DPS	*Oncorhynchus mykiss*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
Upper Carson			0.03	0.00	0.00	0.00	0.00	0.00	0.77	0.00
Lahontan cutthroat trout	*Oncorhynchus clarkii henshawi*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00
Paiute cutthroat trout	*Oncorhynchus clarkii seleniris*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00
Upper Cosumnes			0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upper Merced			0.01	0.00	0.00	0.00	0.00	0.00	1.24	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Upper Mokelumne			0.00	0.60	0.00	0.00	0.00	0.00	0.50	0.00
Delta smelt	*Hypomesus transpacificus*	FT & SE	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00
Lahontan cutthroat trout	*Oncorhynchus clarkii henshawi*	FT	0.00	0.64	0.00	0.00	0.00	0.00	0.41	0.00
Longfin smelt	*Spirinchus thaleichthys*	ST	0.00	0.64	0.00	0.00	0.00	0.00	0.41	0.00
Upper Stanislaus			0.00	0.00	0.00	0.01	0.00	0.00	0.56	0.00
Lahontan cutthroat trout	*Oncorhynchus clarkii henshawi*	FT	0.00	0.00	0.00	0.01	0.00	0.00	0.47	0.00
Upper Tuolumne			0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00
Paiute cutthroat trout	*Oncorhynchus clarkii seleniris*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 10 – HUC-8 Watershed Impacts by Wetland Type Summary Table

HUC-8 Name	Freshwater Emergent Wetland	Freshwater Forested/Shrub Wetland	Freshwater Pond	Lacustrine Unnatural Non-vegetated	Lake	Other	Riverine
Middle San Joaquin-Lower Chowchilla	0.71	0.04	0.00	0.00	0.19	0.00	2.06
Rock Creek-French Camp Slough	0.00	0.14	0.00	0.00	0.00	0.00	0.56
San Joaquin Delta	0.28	0.04	0.00	0.00	0.00	2.99	4.59
South Fork American	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Upper Calaveras California	0.00	0.00	0.00	0.00	0.00	0.00	0.19
Upper Carson	0.13	0.09	0.00	0.00	0.00	0.00	0.49
Upper Cosumnes	0.02	0.00	0.00	0.00	0.00	0.00	0.07
Upper Merced	0.00	0.14	0.00	0.00	0.00	0.00	1.26
Upper Mokelumne	0.02	0.01	0.00	0.00	0.17	0.11	0.31
Upper Stanislaus	0.01	0.01	0.08	0.00	0.00	0.00	0.08
Upper Tuolumne	0.19	0.00	0.00	0.00	0.00	0.00	0.00

Units are in acres

APPENDIX K

District 11

- **Table**: Caltrans District 11 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin
- **Map**: Caltrans District 11 – Ecoregion Sections with Potential Transportation Projects
- **Table**: Caltrans District 11 – Colorado Desert Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 11 – Sonoran Desert Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 11 – Southern California Coast Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 11 – Southern California Mountains and Valleys Ecoregion Section Impact by Species Summary Table
- **Map**: Caltrans District 11 – Hydrologic Units (HUC-8) with Potential Transportation Projects
- **Table**: Caltrans District 11 – Watershed Impacts to Waters and Fish Species Summary Table
- **Table**: Caltrans District 11 – HUC-8 Watershed Impacts by Wetland Type Summary Table

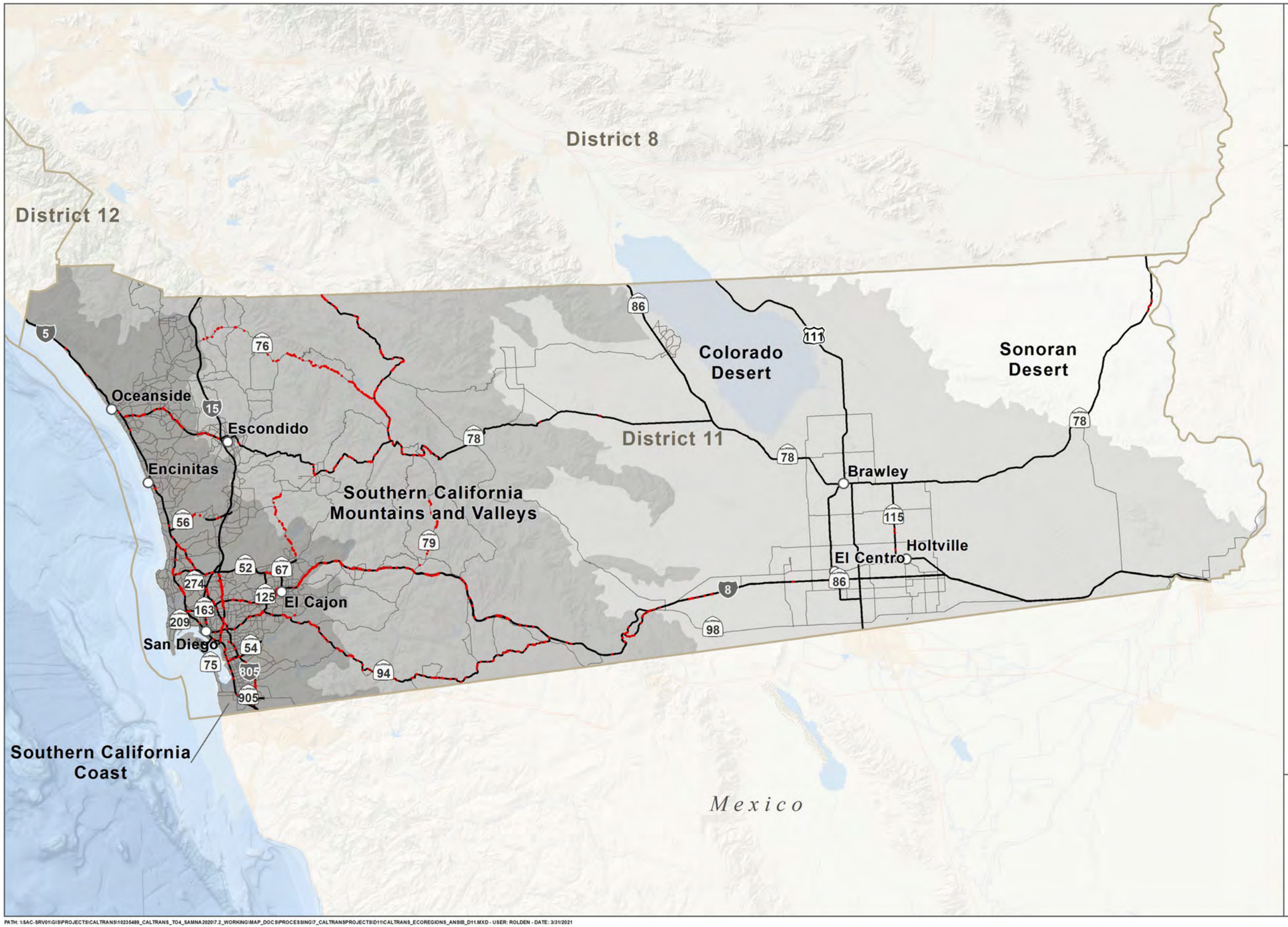
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Caltrans District 11 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
13581	San Diego	78	38.9	46.8	Drainage	2019/20	Southern California Mountains and Valleys	0.24	San Diego	0.27
16020	San Diego	8	L0.7	R23.0	Drainage	2019/20	Southern California Coast	9.86	San Diego	9.89
16717	San Diego	78	0	R16.5	Drainage	2021/22	Southern California Coast	5.76	San Luis Rey-Escondido	7.48
							Southern California Mountains and Valleys	1.71		
16848	San Diego	8	R23.0	R61.3	Drainage	2020/21	Southern California Coast	0.50	Cottonwood-Tijuana	5.84
							Southern California Mountains and Valleys	10.85	San Diego	5.57
16862	San Diego	76	29.3	29.6	Sustainability	2026/27	Southern California Mountains and Valleys	0.55	San Luis Rey-Escondido	0.55
16889	San Diego	54	0	6.4	Pavement	2021/22	Southern California Coast	1.66	San Diego	1.66
16945	San Diego	8	2.2		Bridge	2020/21	Southern California Coast	0.25	San Diego	0.25
17021	San Diego	8	R31.8	R41.7	Pavement	2021/22	Southern California Mountains and Valleys	2.94	Cottonwood-Tijuana	1.30
									San Diego	1.65
17546	San Diego	5	R30.0	R34.3	Safety	2020/21	Southern California Coast	0.24	San Diego	0.24
18718	San Diego	163	1.6	2.8	Bridge	2024/25	Southern California Coast	2.60	San Diego	2.60
18973	San Diego	15	0.405	R10.600	Drainage	2022/23	Southern California Coast	6.83	San Diego	6.84
19044	San Diego	805	0.149	14.6	Pavement	2023/24	Southern California Coast	6.21	Cottonwood-Tijuana	0.81
									San Diego	5.40
19142	San Diego	805	14.6	23.7	Mobility - TMS	2022/23	Southern California Coast	1.56	San Diego	1.56
19151	San Diego	805	23.7	28.5	Drainage	2023/24	Southern California Coast	2.70	San Diego	2.71
19165	San Diego	5	R.305	R36.000	Pavement	2022/23	Southern California Coast	10.27	San Diego	10.27
19298	San Diego	78	0.004	N17.7	Pavement	2022/23	Southern California Coast	0.88	San Luis Rey-Escondido	0.88
19300	San Diego	94	1.416	16	Drainage	2023/24	Southern California Coast	3.72	San Diego	3.72
19303	San Diego	94	15.3	65.3	Drainage	2023/24	Southern California Coast	1.88	Carrizo Creek	0.17
							Southern California Mountains and Valleys	2.89	Cottonwood-Tijuana	2.73
									San Diego	2.17
19304	San Diego	76	R17.5	52.2	Drainage	2023/24	Southern California Mountains and Valleys	4.51	San Luis Rey-Escondido	4.72
19306	San Diego	67	R4.1	15.9	Drainage	2023/24	Southern California Coast	0.83	San Diego	2.73
							Southern California Mountains and Valleys	1.89		
19307	San Diego	79	20.3	53	Drainage	2023/24	Southern California Mountains and Valleys	4.21	San Diego	0.63
									San Luis Rey-Escondido	3.39
									Santa Margarita	0.75
20287	San Diego	54	T10.99	T14.2	Pavement	2025/26	Southern California Coast	1.13	San Diego	1.13
20475	San Diego	78	33.7	37.2	Pavement	2024/25	Southern California Mountains and Valleys	0.62	San Diego	0.65
21059	San Diego	8	13	16.4	Bridge	2021/22	Southern California Coast	4.04	San Diego	4.04
21311	San Diego	67	R6.0	24.4	Pavement	2020/21	Southern California Coast	0.63	San Diego	0.84
							Southern California Mountains and Valleys	0.21		
21351	San Diego	8	R25.1	R40.1	Drainage	2019/20	Southern California Coast	0.07	Cottonwood-Tijuana	0.26
							Southern California Mountains and Valleys	4.35	San Diego	4.18
21647	Imperial	78	72.1	73.8	Drainage	2019/20	Colorado Desert	0.20	Imperial Reservoir	0.35
							Sonoran Desert	0.35	Salton Sea	0.20
21780	San Diego	78	37.2	60	Pavement	2024/25	Southern California Mountains and Valleys	1.20	San Diego	1.15
									San Felipe Creek	0.13
22090	San Diego	15	0.45	9.21	Drainage	2026/27	Southern California Coast	6.62	San Diego	6.62
22092	San Diego	8	39.66	75.86	Drainage	2027/28	Southern California Mountains and Valleys	5.52	Carrizo Creek	0.59
									Cottonwood-Tijuana	4.95
22093	San Diego	8	22.3	37.35	Drainage	2027/28	Southern California Coast	1.02	San Diego	3.75
							Southern California Mountains and Valleys	2.72		
22095	San Diego	8	R0.4	R21.7	Drainage	2028/29	Southern California Coast	2.31	San Diego	2.31
22097	San Diego	79	0.99	10.96	Drainage	2027/28	Southern California Mountains and Valleys	0.94	San Diego	0.99
22098	San Diego	78	19.75	91.7	Drainage	2028/29	Colorado Desert	0.05	San Diego	0.13
							Southern California Mountains and Valleys	0.57	San Felipe Creek	0.50

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
22101	San Diego	67	2.04	17.9	Drainage	2028/29	Southern California Coast	0.13	San Diego	1.15
							Southern California Mountains and Valleys	1.01		
22102	San Diego	52	0.87	15.82	Drainage	2028/29	Southern California Coast	1.76	San Diego	1.77
22103	Imperial	8	R1.45	R19.03	Drainage	2026/27	Colorado Desert	1.44	Salton Sea	4.00
							Southern California Mountains and Valleys	2.55		
22105	San Diego	5	39.34	64.8	Drainage	2028/29	Southern California Coast	1.02	Aliso-San Onofre	0.20
									San Luis Rey-Escondido	0.82
22106	San Diego	56	3.24	8.56	Drainage	2028/29	Southern California Coast	1.16	San Diego	1.16
22113	Imperial	8	R31.2	R31.2	Roadside	2026/27	Colorado Desert	0.49	Salton Sea	0.49

Caltrans District 11 – Ecoregion Sections with Potential Transportation Projects



ECOREGION SECTIONS WITH POTENTIAL TRANSPORTATION PROJECTS FOR CALTRANS DISTRICT 11

- City
- Highway
- Major Road
- District 11 Transportation Project
- Caltrans District

N

Miles

0 10 20

PATH: \\SAC-SRV01\GIS\PROJECTS\CALTRANS\10235489_CALTRANS_TO4_SAMNA2020\7.2_WORKING\MAP_DOCS\PROCESSING\7_CALTRANSPROJECTSID11\CALTRANS_ECOREGIONS_ANSIB_D11.MXD - USER: ROLDEN - DATE: 3/31/2021

Caltrans District 11 – Colorado Desert Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Desert Scrub	Irrigated Row and Field Crops	Irrigated Grain Crops	Pasture	Urban
		Total:	0.55	0.03	0.13	0.03	1.42
Birds							
great blue heron	*Ardea herodias*	N/A	0.00	0.03	0.13	0.00	1.28
great egret	*Ardea alba*	N/A	0.00	0.03	0.13	0.00	1.28
fulvous whistling-duck	*Dendrocygna bicolor*	N/A	0.00	0.03	0.13	0.00	0.00
greater white-fronted goose	*Anser albifrons*	N/A	0.00	0.03	0.13	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.55	0.00	0.13	0.00	0.00
white-tailed kite	*Elanus leucurus*	FS	0.55	0.03	0.13	0.00	1.28
northern harrier	*Circus cyaneus*	N/A	0.55	0.00	0.13	0.00	1.42
golden eagle	*Aquila chrysaetos*	FS	0.55	0.00	0.00	0.03	1.42
peregrine falcon	*Falco peregrinus*	FS	0.00	0.00	0.13	0.00	1.28
california quail	*Callipepla californica*	N/A	0.36	0.00	0.00	0.00	0.00
sandhill crane	*Grus canadensis*	N/A	0.00	0.03	0.13	0.00	0.00
mountain plover	*Charadrius montanus*	FS	0.00	0.03	0.13	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	0.55	0.00	0.00	0.03	1.42
long-eared owl	*Asio otus*	N/A	0.55	0.00	0.00	0.03	0.00
gila woodpecker	*Melanerpes uropygialis*	FS & SE	0.00	0.00	0.00	0.00	1.28
cactus wren	*Campylorhynchus brunneicapillus*	N/A	0.55	0.00	0.00	0.00	1.42
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.00	0.00	1.42
le conte's thrasher	*Toxostoma lecontei*	N/A	0.55	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.55	0.00	0.00	0.00	1.42
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.00	0.00	1.28
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.00	0.00	1.28
bell's sparrow	*Artemisiospiza belli*	N/A	0.55	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.55	0.00	0.00	0.03	0.00
large-billed savannah sparrow	*Passerculus sandwichensis rostratus*	N/A	0.36	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.00	0.00	0.13	0.00	1.42
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.03	0.00	0.00	1.42
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.03	0.13	0.00	1.28
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.00	0.00	0.13	0.03	0.00
Mammals							
california leaf-nosed bat	*Macrotus californicus*	FS	0.55	0.00	0.00	0.00	0.00
spotted bat	*Euderma maculatum*	FS	0.55	0.00	0.00	0.00	1.42
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.55	0.03	0.13	0.03	1.42
pallid bat	*Antrozous pallidus*	FS	0.55	0.03	0.13	0.03	1.42
pocketed free-tailed bat	*Nyctinomops femorosaccus*	N/A	0.55	0.00	0.00	0.00	1.42
western mastiff bat	*Eumops perotis*	FS	0.55	0.03	0.13	0.03	1.42
black-tailed jackrabbit	*Lepus californicus*	N/A	0.55	0.03	0.13	0.03	1.42
round-tailed ground squirrel	*Xerospermophilus tereticaudus*	FS	0.55	0.00	0.00	0.03	0.00
little pocket mouse	*Perognathus longimembris*	N/A	0.55	0.00	0.00	0.00	0.00
san diego pocket mouse	*Chaetodipus fallax*	N/A	0.36	0.00	0.00	0.00	0.00
merriam's kangaroo rat	*Dipodomys merriami*	N/A	0.55	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.55	0.03	0.13	0.03	1.42
southern grasshopper mouse	*Onychomys torridus*	N/A	0.55	0.00	0.00	0.00	0.00
hispid cotton rat	*Sigmodon hispidus*	N/A	0.55	0.00	0.00	0.00	0.00
desert woodrat	*Neotoma lepida*	N/A	0.55	0.00	0.00	0.00	0.00
kit fox	*Vulpes macrotis*	N/A	0.55	0.00	0.00	0.03	0.00
ringtail	*Bassariscus astutus*	N/A	0.55	0.03	0.13	0.03	0.00
american badger	*Taxidea taxus*	N/A	0.55	0.03	0.13	0.03	0.00
western spotted skunk	*Spilogale gracilis*	N/A	0.00	0.03	0.13	0.03	1.42

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Desert Scrub	Irrigated Row and Field Crops	Irrigated Grain Crops	Pasture	Urban
mountain lion	*Puma concolor*	ST	0.36	0.00	0.00	0.00	0.00
bighorn sheep	*Ovis canadensis*	FE & SE & ST	0.55	0.00	0.00	0.00	0.00
Reptiles							
mohave desert tortoise	*Gopherus agassizii*	FT & ST	0.36	0.00	0.00	0.00	0.00
switak's banded gecko	*Coleonyx switaki*	FS & ST	0.55	0.00	0.00	0.00	0.00
colorado desert fringe-toed lizard	*Uma notata*	FS	0.55	0.00	0.00	0.00	0.00
flat-tailed horned lizard	*Phrynosoma mcallii*	FS	0.55	0.00	0.00	0.00	0.00
desert night lizard	*Xantusia vigilis*	FS	0.36	0.00	0.00	0.00	0.00
coachwhip	*Coluber flagellum*	N/A	0.55	0.00	0.00	0.03	0.00
western patch-nosed snake	*Salvadora hexalepis*	N/A	0.55	0.00	0.00	0.00	0.00
gophersnake	*Pituophis catenifer*	N/A	0.55	0.03	0.13	0.03	1.42
red diamond rattlesnake	*Crotalus ruber*	FS	0.55	0.00	0.00	0.00	0.00
Plants							
coachella valley milk-vetch	*Astragalus lentiginosus var. coachellae*	FE	0.55	0.00	0.00	0.00	0.00
peirson's milk-vetch	*Astragalus magdalenae var. peirsonii*	FT & SE	0.55	0.00	0.00	0.00	0.00
wiggins' croton	*Croton wigginsii*	FS	0.55	0.00	0.00	0.00	0.00
borrego bedstraw	*Galium angustifolium ssp. borregoense*	N/A	0.55	0.00	0.00	0.00	0.00
algodones dunes sunflower	*Helianthus niveus ssp. tephrodes*	SE	0.55	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 11 – Sonoran Desert Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Desert Scrub
		Total:	0.35
Amphibians			
couch's spadefoot	*Scaphiopus couchii*	FS	0.35
sonoran desert toad	*Incilius alvarius*	N/A	0.35
Birds			
osprey	*Pandion haliaetus*	FS	0.35
white-tailed kite	*Elanus leucurus*	FS	0.35
northern harrier	*Circus cyaneus*	N/A	0.35
golden eagle	*Aquila chrysaetos*	FS	0.35
burrowing owl	*Athene cunicularia*	FS	0.35
long-eared owl	*Asio otus*	N/A	0.35
cactus wren	*Campylorhynchus brunneicapillus*	N/A	0.35
le conte's thrasher	*Toxostoma lecontei*	N/A	0.35
loggerhead shrike	*Lanius ludovicianus*	N/A	0.35
lucy's warbler	*Oreothlypis luciae*	FS	0.35
bell's sparrow	*Artemisiospiza belli*	N/A	0.35
savannah sparrow	*Passerculus sandwichensis*	N/A	0.35
gilded flicker	*Colaptes chrysoides*	FS & SE	0.35
Mammals			
california leaf-nosed bat	*Macrotus californicus*	FS	0.35
arizona myotis	*Myotis occultus*	N/A	0.35
yuma myotis	*Myotis yumanensis*	FS	0.35
cave myotis	*Myotis velifer*	FS	0.35
spotted bat	*Euderma maculatum*	FS	0.35
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.35
pallid bat	*Antrozous pallidus*	FS	0.35
pocketed free-tailed bat	*Nyctinomops femorosaccus*	N/A	0.35
western mastiff bat	*Eumops perotis*	FS	0.35
black-tailed jackrabbit	*Lepus californicus*	N/A	0.35
round-tailed ground squirrel	*Xerospermophilus tereticaudus*	FS	0.35
little pocket mouse	*Perognathus longimembris*	N/A	0.35
merriam's kangaroo rat	*Dipodomys merriami*	N/A	0.35
deer mouse	*Peromyscus maniculatus*	N/A	0.35
southern grasshopper mouse	*Onychomys torridus*	N/A	0.35
hispid cotton rat	*Sigmodon hispidus*	N/A	0.35
desert woodrat	*Neotoma lepida*	N/A	0.35
kit fox	*Vulpes macrotis*	N/A	0.35
ringtail	*Bassariscus astutus*	N/A	0.35
american badger	*Taxidea taxus*	N/A	0.35
mountain lion	*Puma concolor*	ST	0.35
bighorn sheep	*Ovis canadensis*	FE & SE & ST	0.35
Reptiles			
mohave desert tortoise	*Gopherus agassizii*	FT & ST	0.35
coachwhip	*Coluber flagellum*	N/A	0.35
western patch-nosed snake	*Salvadora hexalepis*	N/A	0.35
gophersnake	*Pituophis catenifer*	N/A	0.35
Plants			
coachella valley milk-vetch	*Astragalus lentiginosus var. coachellae*	FE	0.35
peirson's milk-vetch	*Astragalus magdalenae var. peirsonii*	FT & SE	0.35
wiggins' croton	*Croton wigginsii*	FS	0.35
borrego bedstraw	*Galium angustifolium ssp. borregoense*	N/A	0.35
algodones dunes sunflower	*Helianthus niveus ssp. tephrodes*	SE	0.35

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 11 – Southern California Coast Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Chamise - Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Eucalyptus	Mixed Chaparral	Pasture	Saline Emergent Wetland	Urban	Valley Foothill Riparian
		Total:	0.85	0.37	0.41	0.20	3.26	1.13	0.60	0.16	0.06	67.90	0.71
Amphibians													
california newt	*Taricha torosa*	N/A	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.00	0.20	3.26	1.13	0.60	0.00	0.00	0.00	0.71
southern california slender salamander	*Batrachoseps major*	N/A	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western spadefoot	*Spea hammondii*	FS	0.85	0.00	0.41	0.20	3.26	1.13	0.60	0.00	0.00	0.00	0.00
arroyo toad	*Anaxyrus californicus*	FE	0.00	0.00	0.00	0.00	0.00	0.14	0.60	0.00	0.00	0.00	0.71
california red-legged frog	*Rana draytonii*	FT	0.85	0.00	0.00	0.20	3.26	1.13	0.60	0.00	0.00	0.00	0.71
Birds													
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
least bittern	*Ixobrychus exilis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.85	0.00	0.00	0.20	3.26	1.13	0.00	0.00	0.06	67.90	0.71
great egret	*Ardea alba*	N/A	0.85	0.00	0.00	0.20	0.00	1.13	0.00	0.00	0.06	67.90	0.71
brant	*Branta bernicla*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
redhead	*Aythya americana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.85	0.37	0.00	0.20	0.00	1.13	0.60	0.00	0.06	0.00	0.71
white-tailed kite	*Elanus leucurus*	FS	0.85	0.37	0.41	0.20	3.26	1.13	0.60	0.00	0.06	67.90	0.71
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.85	0.37	0.41	0.20	3.26	1.13	0.60	0.00	0.06	0.00	0.71
northern harrier	*Circus cyaneus*	N/A	0.85	0.37	0.41	0.20	3.26	1.13	0.60	0.00	0.06	67.90	0.71
golden eagle	*Aquila chrysaetos*	FS	0.85	0.37	0.41	0.20	3.26	1.13	0.60	0.16	0.00	67.90	0.71
peregrine falcon	*Falco peregrinus*	FS	0.85	0.37	0.41	0.20	3.26	1.13	0.60	0.00	0.06	67.90	0.71
california quail	*Callipepla californica*	N/A	0.85	0.00	0.41	0.20	3.26	1.13	0.60	0.00	0.00	67.90	0.71
clapper rail	*Rallus longirostris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
light-footed clapper rail	*Rallus longirostris levipes*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
snowy plover	*Charadrius nivosus*	FT	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
least tern	*Sternula antillarum*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
yellow-billed cuckoo	*Coccyzus americanus*	FT & FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
burrowing owl	*Athene cunicularia*	FS	0.85	0.37	0.41	0.20	3.26	1.13	0.60	0.16	0.00	67.90	0.71
long-eared owl	*Asio otus*	N/A	0.85	0.00	0.41	0.20	0.00	1.13	0.60	0.16	0.00	0.00	0.71
short-eared owl	*Asio flammeus*	N/A	0.69	0.00	0.41	0.20	2.96	1.13	0.46	0.00	0.06	66.77	0.65
purple martin	*Progne subis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.97	0.00
cactus wren	*Campylorhynchus brunneicapillus*	N/A	0.00	0.00	0.00	0.00	3.26	0.00	0.60	0.00	0.00	67.90	0.00
san diego cactus wren	*Campylorhynchus brunneicapillus sandiegensis*	FS	0.00	0.00	0.00	0.00	1.07	0.00	0.00	0.00	0.00	59.16	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.41	0.20	3.26	1.13	0.60	0.00	0.00	67.90	0.71
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.71
loggerhead shrike	*Lanius ludovicianus*	N/A	0.85	0.37	0.41	0.20	3.26	1.13	0.60	0.00	0.00	67.90	0.71
bell's vireo	*Vireo bellii*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53
least bell's vireo	*Vireo bellii pusillus*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.00	0.20	1.91	0.08	0.29	0.00	0.00	66.40	0.53
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.41	0.20	3.26	1.13	0.60	0.00	0.00	67.90	0.71
common yellowthroat	*Geothlypis trichas*	N/A	0.85	0.00	0.00	0.00	0.00	1.13	0.00	0.00	0.06	0.00	0.71
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	1.28	0.00	0.00	0.00	0.00	0.00	0.58
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.41	0.20	3.26	1.13	0.60	0.00	0.00	67.90	0.71
california towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.41	0.20	3.26	1.13	0.60	0.00	0.00	67.90	0.71
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.85	0.00	0.41	0.00	3.26	1.13	0.60	0.00	0.00	0.00	0.71
vesper sparrow	*Pooecetes gramineus*	N/A	0.85	0.00	0.00	0.20	0.00	1.13	0.60	0.00	0.00	0.00	0.00
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	0.58	0.00	0.00	0.20	0.00	0.00	0.14	0.00	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.41	0.00	3.26	0.00	0.60	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Chamise - Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Eucalyptus	Mixed Chaparral	Pasture	Saline Emergent Wetland	Urban	Valley Foothill Riparian
savannah sparrow	*Passerculus sandwichensis*	N/A	0.85	0.00	0.41	0.20	3.26	1.13	0.60	0.16	0.06	0.00	0.71
large-billed savannah sparrow	*Passerculus sandwichensis rostratus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.85	0.00	0.00	0.00	0.00	1.13	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.85	0.00	0.41	0.20	3.26	1.13	0.60	0.00	0.06	67.90	0.71
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.85	0.00	0.00	0.00	3.26	1.13	0.00	0.00	0.06	67.90	0.71
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.85	0.00	0.00	0.00	0.00	1.13	0.00	0.00	0.00	67.90	0.71
california gnatcatcher	*Polioptila californica*	FT	0.85	0.00	0.41	0.20	3.26	1.13	0.60	0.00	0.00	0.00	0.71
Mammals													
ornate shrew	*Sorex ornatus*	N/A	0.85	0.00	0.00	0.20	3.26	1.13	0.60	0.00	0.06	0.00	0.71
broad-footed mole	*Scapanus latimanus*	N/A	0.85	0.00	0.00	0.20	3.26	1.13	0.00	0.16	0.00	0.00	0.71
california leaf-nosed bat	*Macrotus californicus*	FS	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00
hog-nosed bat	*Choeronycteris mexicana*	N/A	0.00	0.00	0.00	0.00	0.00	1.13	0.00	0.00	0.00	67.22	0.00
yuma myotis	*Myotis yumanensis*	FS	0.85	0.00	0.41	0.20	3.26	1.13	0.60	0.16	0.00	67.90	0.71
long-eared myotis	*Myotis evotis*	FS	0.00	0.37	0.41	0.20	3.26	1.13	0.60	0.16	0.00	0.00	0.71
fringed myotis	*Myotis thysanodes*	FS	0.85	0.37	0.41	0.20	3.26	1.13	0.60	0.16	0.00	67.90	0.71
small-footed myotis	*Myotis ciliolabrum*	FS	0.85	0.37	0.41	0.20	3.26	1.13	0.60	0.16	0.06	67.90	0.71
western red bat	*Lasiurus blossevillii*	N/A	0.85	0.00	0.41	0.20	3.26	1.13	0.60	0.16	0.00	67.90	0.71
western yellow bat	*Lasiurus xanthinus*	N/A	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.71
spotted bat	*Euderma maculatum*	FS	0.85	0.00	0.00	0.20	3.26	1.13	0.00	0.00	0.00	67.90	0.71
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.85	0.37	0.41	0.20	3.26	1.13	0.60	0.16	0.00	67.90	0.71
pallid bat	*Antrozous pallidus*	FS	0.85	0.37	0.41	0.20	3.26	1.13	0.60	0.16	0.00	67.90	0.71
pocketed free-tailed bat	*Nyctinomops femorosaccus*	N/A	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.90	0.00
big free-tailed bat	*Nyctinomops macrotis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.67	0.00
western mastiff bat	*Eumops perotis*	FS	0.85	0.37	0.41	0.20	3.26	1.13	0.60	0.16	0.00	67.90	0.71
brush rabbit	*Sylvilagus bachmani*	N/A	0.85	0.00	0.41	0.20	3.26	1.13	0.60	0.16	0.00	67.90	0.71
black-tailed jackrabbit	*Lepus californicus*	N/A	0.85	0.00	0.41	0.20	3.26	1.13	0.60	0.16	0.00	67.90	0.71
little pocket mouse	*Perognathus longimembris*	N/A	0.00	0.00	0.41	0.01	2.97	0.00	0.46	0.00	0.00	0.00	0.00
san diego pocket mouse	*Chaetodipus fallax*	N/A	0.85	0.00	0.41	0.00	3.26	0.00	0.60	0.00	0.00	0.00	0.00
california pocket mouse	*Chaetodipus californicus*	N/A	0.85	0.00	0.41	0.20	3.26	1.13	0.60	0.00	0.00	0.00	0.00
stephens' kangaroo rat	*Dipodomys stephensi*	FE & ST	0.13	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.85	0.37	0.41	0.20	3.26	1.13	0.60	0.16	0.06	67.90	0.71
southern grasshopper mouse	*Onychomys torridus*	N/A	0.85	0.00	0.00	0.00	3.26	0.00	0.60	0.00	0.00	0.00	0.71
desert woodrat	*Neotoma lepida*	N/A	0.00	0.00	0.41	0.00	3.26	0.00	0.60	0.00	0.00	0.00	0.00
california vole	*Microtus californicus*	N/A	0.85	0.00	0.00	0.20	3.26	1.13	0.60	0.16	0.06	67.90	0.71
ringtail	*Bassariscus astutus*	N/A	0.85	0.37	0.41	0.20	3.26	1.13	0.60	0.16	0.00	0.00	0.71
american badger	*Taxidea taxus*	N/A	0.85	0.37	0.41	0.20	3.26	1.13	0.60	0.16	0.00	0.00	0.71
western spotted skunk	*Spilogale gracilis*	N/A	0.85	0.00	0.41	0.20	3.26	1.13	0.60	0.16	0.00	67.90	0.71
mountain lion	*Puma concolor*	ST	0.85	0.00	0.41	0.20	3.26	1.13	0.60	0.16	0.00	0.00	0.71
harbor seal	*Phoca vitulina*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	0.41	0.20	3.26	1.13	0.60	0.00	0.00	0.00	0.71
Reptiles													
blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.85	0.00	0.41	0.20	3.26	1.13	0.60	0.00	0.00	0.00	0.71
western skink	*Plestiodon skiltonianus*	N/A	0.85	0.00	0.41	0.20	3.26	1.13	0.60	0.16	0.00	0.00	0.71
orange-throated whiptail	*Aspidoscelis hyperythra*	FS	0.00	0.00	0.41	0.20	3.26	0.00	0.60	0.00	0.00	0.00	0.00
california legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.41	0.20	3.26	1.13	0.60	0.00	0.00	0.00	0.71
ring-necked snake	*Diadophis punctatus*	N/A	0.85	0.00	0.41	0.20	3.26	1.13	0.60	0.16	0.00	67.90	0.71
coachwhip	*Coluber flagellum*	N/A	0.47	0.00	0.00	0.20	0.47	0.00	0.00	0.16	0.00	0.00	0.35
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.41	0.20	3.26	1.13	0.60	0.00	0.00	0.00	0.71
western patch-nosed snake	*Salvadora hexalepis*	N/A	0.85	0.37	0.41	0.20	3.26	1.13	0.60	0.00	0.00	0.00	0.71
gophersnake	*Pituophis catenifer*	N/A	0.85	0.00	0.41	0.20	3.26	1.13	0.60	0.16	0.00	67.90	0.71
common gartersnake	*Thamnophis sirtalis*	N/A	0.85	0.00	0.41	0.20	3.26	1.13	0.60	0.16	0.00	0.00	0.71
red diamond rattlesnake	*Crotalus ruber*	FS	0.85	0.37	0.41	0.20	3.26	1.13	0.60	0.00	0.00	0.00	0.71
two-striped gartersnake	*Thamnophis hammondii*	FS	0.85	0.00	0.41	0.20	3.26	1.13	0.60	0.00	0.00	0.00	0.71

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Common Name	Species Name	Status	Annual Grass	Barren	Chamise - Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Eucalyptus	Mixed Chaparral	Pasture	Saline Emergent Wetland	Urban	Valley Foothill Riparian
Invertebrates													
vernal pool fairy shrimp	*Branchinecta lynchi*	FT	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san diego fairy shrimp	*Branchinecta sandiegonensis*	FE	0.65	0.00	0.41	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00
quino checkerspot butterfly	*Euphydryas editha quino*	FE	0.00	0.00	0.00	0.00	0.93	0.00	0.17	0.00	0.00	0.00	0.00
hermes copper butterfly	*Lycaena hermes*	FS	0.00	0.00	0.00	0.00	0.77	0.00	0.17	0.00	0.00	0.00	0.00
riverside fairy shrimp	*Streptocephalus woottoni*	FE	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
Plants													
san diego thorn-mint	*Acanthomintha ilicifolia*	FT & SE	0.85	0.00	0.00	0.00	3.26	0.00	0.60	0.00	0.00	0.00	0.00
munz's onion	*Allium munzii*	FE & ST	0.85	0.00	0.00	0.00	3.26	0.00	0.60	0.00	0.00	0.00	0.00
san diego ambrosia	*Ambrosia pumila*	FE	0.85	0.00	0.00	0.00	3.26	0.00	0.60	0.00	0.00	0.00	0.00
del mar manzanita	*Arctostaphylos glandulosa ssp. crassifolia*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.00	0.00
marsh sandwort	*Arenaria paludicola*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
braunton's milk-vetch	*Astragalus brauntonii*	FE	0.85	0.00	0.00	0.00	3.26	0.00	0.60	0.00	0.00	0.00	0.00
ventura marsh milk-vetch	*Astragalus pycnostachyus var. lanosissimus*	FE & SE	0.00	0.00	0.00	0.00	2.83	0.00	0.00	0.00	0.06	0.00	0.00
coastal dunes milk-vetch	*Astragalus tener var. titi*	FE & SE	0.00	0.00	0.00	0.00	2.83	0.00	0.00	0.00	0.00	0.00	0.00
san jacinto valley crownscale	*Atriplex coronata var. notatior*	FE	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
encinitas baccharis	*Baccharis vanessae*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
nevin's barberry	*Berberis nevinii*	FE & SE	0.00	0.00	0.00	0.00	3.26	0.00	0.60	0.00	0.00	0.00	0.00
thread-leaved brodiaea	*Brodiaea filifolia*	FT & SE	0.85	0.00	0.00	0.00	3.26	0.00	0.60	0.00	0.00	0.00	0.00
dunn's mariposa lily	*Calochortus dunnii*	FS	0.40	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00
vail lake ceanothus	*Ceanothus ophiochilus*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00
salt marsh bird's-beak	*Chloropyron maritimum ssp. maritimum*	FE & SE	0.00	0.00	0.00	0.00	2.83	0.00	0.00	0.00	0.06	0.00	0.00
orcutt's spineflower	*Chorizanthe orcuttiana*	FE & SE	0.00	0.00	0.00	0.00	2.83	0.00	0.46	0.00	0.00	0.00	0.00
otay tarplant	*Deinandra conjugens*	FT & SE	0.85	0.00	0.00	0.00	3.26	0.00	0.00	0.00	0.00	0.00	0.00
gaviota tarplant	*Deinandra increscens ssp. Villosa*	FE & SE	0.45	0.00	0.00	0.00	2.83	0.00	0.00	0.00	0.00	0.00	0.00
mojave tarplant	*Deinandra mohavensis*	FS & SE	0.00	0.00	0.00	0.00	0.58	0.00	0.14	0.00	0.00	0.00	0.00
cuyamaca larkspur	*Delphinium hesperium ssp. cuyamacae*	FS	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mt. laguna aster	*Dieteria asteroides var. lagunensis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00
beach spectaclepod	*Dithyrea maritima*	FS & ST	0.00	0.00	0.00	0.00	2.83	0.00	0.00	0.00	0.00	0.00	0.00
slender-horned spineflower	*Dodecahema leptoceras*	FE & SE	0.00	0.00	0.00	0.00	3.26	0.00	0.60	0.00	0.00	0.00	0.00
cuyamaca lake downingia	*Downingia concolor var. brevior*	SE	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
short-leaved dudleya	*Dudleya brevifolia*	SE	0.00	0.00	0.00	0.00	2.83	0.00	0.46	0.00	0.00	0.00	0.00
laguna beach dudleya	*Dudleya stolonifera*	FT & ST	0.45	0.00	0.00	0.00	2.83	0.00	0.46	0.00	0.00	0.00	0.00
santa ana river woollystar	*Eriastrum densifolium ssp. sanctorum*	FE & SE	0.00	0.00	0.00	0.00	2.83	0.00	0.46	0.00	0.00	0.00	0.00
san diego button-celery	*Eryngium aristulatum var. parishii*	FE & SE	0.85	0.00	0.00	0.00	3.26	0.00	0.00	0.00	0.00	0.00	0.00
mexican flannelbush	*Fremontodendron mexicanum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	0.85	0.00	0.00	0.00	3.26	0.00	0.00	0.00	0.00	0.00	0.00
orcutt's hazardia	*Hazardia orcuttii*	ST	0.00	0.00	0.00	0.00	2.83	0.00	0.46	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
parish's meadowfoam	*Limnanthes alba ssp. parishii*	FS & SE	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
willowy monardella	*Monardella viminea*	FE & SE	0.00	0.00	0.00	0.00	2.83	0.00	0.46	0.00	0.00	0.00	0.49
spreading navarretia	*Navarretia fossalis*	FT	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dehesa nolina	*Nolina interrata*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00
california orcutt grass	*Orcuttia californica*	FE & SE	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
baja california birdbush	*Ornithostaphylos oppositifolia*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.00	0.00

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Chamise - Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Eucalyptus	Mixed Chaparral	Pasture	Saline Emergent Wetland	Urban	Valley Foothill Riparian
gander's ragwort	*Packera ganderi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00
lyon's pentachaeta	*Pentachaeta lyonii*	FE & SE	0.45	0.00	0.00	0.00	2.83	0.00	0.46	0.00	0.00	0.00	0.00
san diego mesa mint	*Pogogyne abramsii*	FE & SE	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
otay mesa mint	*Pogogyne nudiuscula*	FE & SE	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
small-leaved rose	*Rosa minutifolia*	SE	0.00	0.00	0.00	0.00	0.58	0.00	0.14	0.00	0.00	0.00	0.00
big-leaved crownbeard	*Verbesina dissita*	FT & ST	0.00	0.00	0.00	0.00	2.83	0.00	0.46	0.00	0.00	0.00	0.00

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Units are in acres

Caltrans District 11 – Southern California Mountains and Valleys Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Chamise-Redshank Chaparral	Chamise-Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Deciduous Orchard	Desert Scrub	Desert Wash	Eucalyptus	Mixed Chaparral
		Total:	1.72	0.28	2.19	0.17	4.22	2.82	0.15	1.93	0.06	0.19	13.41
Amphibians													
california newt	*Taricha torosa*	N/A	0.00	0.00	0.00	0.00	0.50	0.54	0.00	0.00	0.00	0.00	0.76
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.00	0.00	4.22	2.82	0.00	0.00	0.00	0.19	13.41
southern california slender salamander	*Batrachoseps major*	N/A	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.00	0.00
western spadefoot	*Spea hammondii*	FS	0.70	0.00	0.60	0.17	2.11	2.69	0.12	0.00	0.00	0.19	2.72
arroyo toad	*Anaxyrus californicus*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.19	13.23
california red-legged frog	*Rana draytonii*	FT	1.72	0.00	0.00	0.00	4.22	2.82	0.00	0.00	0.00	0.19	13.41
Birds													
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	1.72	0.00	0.00	0.00	4.22	2.82	0.00	0.00	0.00	0.19	0.00
great egret	*Ardea alba*	N/A	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.96	0.05	0.00	0.00	1.35	0.00	0.00	0.00	0.00	0.19	5.24
white-tailed kite	*Elanus leucurus*	FS	1.72	0.05	2.19	0.17	4.22	2.82	0.15	0.01	0.00	0.19	13.41
bald eagle	*Haliaeetus leucocephalus*	FS & SE	1.72	0.05	2.19	0.17	4.22	2.82	0.00	0.00	0.00	0.19	13.41
northern harrier	*Circus cyaneus*	N/A	1.72	0.28	2.19	0.17	4.22	2.82	0.15	1.93	0.06	0.19	13.41
golden eagle	*Aquila chrysaetos*	FS	1.72	0.28	2.19	0.17	4.22	2.82	0.00	1.93	0.06	0.19	13.41
peregrine falcon	*Falco peregrinus*	FS	1.72	0.05	2.19	0.17	4.22	2.82	0.00	0.00	0.00	0.19	13.41
california quail	*Callipepla californica*	N/A	1.72	0.00	2.19	0.17	4.22	2.82	0.15	1.93	0.06	0.19	13.41
burrowing owl	*Athene cunicularia*	FS	0.65	0.23	0.28	0.17	0.54	1.11	0.00	1.92	0.00	0.00	0.76
spotted owl	*Strix occidentalis*	N/A	0.00	0.00	0.00	0.00	2.44	0.00	0.00	0.00	0.00	0.00	0.00
california spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.00	0.00	0.00	2.44	0.00	0.00	0.00	0.00	0.00	0.00
long-eared owl	*Asio otus*	N/A	1.72	0.00	2.19	0.17	4.22	0.00	0.00	1.93	0.00	0.19	13.41
short-eared owl	*Asio flammeus*	N/A	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.60
purple martin	*Progne subis*	N/A	1.43	0.00	0.00	0.00	4.18	0.00	0.00	0.00	0.00	0.19	0.00
cactus wren	*Campylorhynchus brunneicapillus*	N/A	0.00	0.00	0.00	0.00	0.00	2.78	0.00	1.77	0.04	0.00	5.99
san diego cactus wren	*Campylorhynchus brunneicapillus sandiegensis*	FS	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	2.19	0.17	4.22	2.82	0.15	0.00	0.06	0.19	13.41
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
crissal thrasher	*Toxostoma crissale*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
le conte's thrasher	*Toxostoma lecontei*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.92	0.04	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	1.72	0.28	2.19	0.17	4.22	2.82	0.15	1.93	0.06	0.19	13.41
gray vireo	*Vireo vicinior*	FS	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.58
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	1.17	0.17	3.81	2.82	0.15	0.00	0.00	0.19	12.00
lucy's warbler	*Oreothlypis luciae*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	2.19	0.17	4.22	2.82	0.15	0.00	0.03	0.19	13.41
common yellowthroat	*Geothlypis trichas*	N/A	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	2.82	0.00	0.00	0.00	0.00	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	2.19	0.17	4.22	2.82	0.15	0.00	0.06	0.19	13.41
california towhee	*Pipilo crissalis*	N/A	0.00	0.00	2.19	0.17	4.22	2.82	0.15	0.00	0.00	0.19	13.41
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	1.72	0.00	2.19	0.17	0.00	2.82	0.00	0.00	0.00	0.19	13.41
vesper sparrow	*Pooecetes gramineus*	N/A	1.72	0.00	0.00	0.00	4.02	0.00	0.00	0.00	0.00	0.19	8.18

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Chamise-Redshank Chaparral	Chamise-Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Deciduous Orchard	Desert Scrub	Desert Wash	Eucalyptus	Mixed Chaparral
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	1.72	0.00	0.00	0.00	3.85	0.00	0.00	0.00	0.00	0.19	7.23
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	2.19	0.17	0.00	2.82	0.00	1.93	0.00	0.00	13.41
savannah sparrow	*Passerculus sandwichensis*	N/A	1.72	0.00	2.19	0.17	4.22	2.82	0.15	1.93	0.06	0.19	13.41
grasshopper sparrow	*Ammodramus savannarum*	N/A	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00
song sparrow	*Melospiza melodia*	N/A	1.72	0.00	2.19	0.17	4.22	2.82	0.15	0.00	0.00	0.19	13.41
red-winged blackbird	*Agelaius phoeniceus*	N/A	1.72	0.00	0.00	0.00	0.00	2.82	0.15	0.00	0.00	0.19	0.00
tricolored blackbird	*Agelaius tricolor*	FS & ST	1.72	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.19	0.00
california gnatcatcher	*Polioptila californica*	FT	0.52	0.00	0.01	0.00	0.96	2.45	0.00	0.00	0.00	0.19	1.87
Mammals													
ornate shrew	*Sorex ornatus*	N/A	1.72	0.00	0.00	0.00	4.22	2.82	0.00	0.00	0.00	0.19	13.41
broad-footed mole	*Scapanus latimanus*	N/A	1.72	0.00	0.00	0.00	4.22	2.82	0.15	0.00	0.00	0.19	0.00
california leaf-nosed bat	*Macrotus californicus*	FS	0.00	0.23	0.00	0.00	0.00	0.65	0.00	1.93	0.04	0.00	3.16
hog-nosed bat	*Choeronycteris mexicana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00
yuma myotis	*Myotis yumanensis*	FS	1.72	0.00	2.19	0.17	4.22	2.82	0.15	0.08	0.03	0.19	13.41
long-eared myotis	*Myotis evotis*	FS	0.00	0.05	2.19	0.17	4.22	2.82	0.15	0.00	0.03	0.19	13.41
fringed myotis	*Myotis thysanodes*	FS	1.72	0.05	2.19	0.17	4.22	2.82	0.00	0.00	0.03	0.19	13.41
small-footed myotis	*Myotis ciliolabrum*	FS	1.72	0.05	2.19	0.17	4.22	2.82	0.15	1.50	0.00	0.19	13.41
western red bat	*Lasiurus blossevillii*	N/A	1.72	0.00	2.19	0.17	4.22	2.82	0.00	0.00	0.00	0.19	13.41
western yellow bat	*Lasiurus xanthinus*	N/A	0.00	0.00	0.00	0.00	4.22	0.00	0.00	0.00	0.06	0.00	0.00
spotted bat	*Euderma maculatum*	FS	1.72	0.00	0.00	0.00	4.22	2.82	0.00	1.93	0.06	0.19	0.00
townsend's big-eared bat	*Corynorhinus townsendii*	FS	1.72	0.28	2.19	0.17	4.22	2.82	0.15	1.93	0.06	0.19	13.41
pallid bat	*Antrozous pallidus*	FS	1.72	0.28	2.19	0.17	4.22	2.82	0.15	1.93	0.06	0.19	13.41
pocketed free-tailed bat	*Nyctinomops femorosaccus*	N/A	0.00	0.28	0.00	0.00	0.00	0.00	0.00	1.93	0.06	0.00	0.00
western mastiff bat	*Eumops perotis*	FS	1.72	0.28	2.19	0.17	4.22	2.82	0.15	1.93	0.06	0.19	13.41
brush rabbit	*Sylvilagus bachmani*	N/A	1.72	0.00	2.19	0.17	4.22	2.82	0.15	0.00	0.00	0.19	13.41
black-tailed jackrabbit	*Lepus californicus*	N/A	1.72	0.00	2.19	0.17	4.22	2.82	0.15	1.93	0.06	0.19	13.41
round-tailed ground squirrel	*Xerospermophilus tereticaudus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.92	0.04	0.00	0.00
little pocket mouse	*Perognathus longimembris*	N/A	0.00	0.00	1.70	0.17	3.26	0.18	0.00	1.93	0.06	0.00	9.63
san diego pocket mouse	*Chaetodipus fallax*	N/A	1.72	0.00	2.19	0.17	0.00	2.82	0.00	1.93	0.06	0.00	13.41
california pocket mouse	*Chaetodipus californicus*	N/A	1.72	0.00	2.19	0.17	4.22	2.82	0.00	0.00	0.00	0.19	13.41
stephens' kangaroo rat	*Dipodomys stephensi*	FE & ST	1.52	0.00	0.00	0.00	0.00	1.45	0.00	0.00	0.00	0.13	0.00
merriam's kangaroo rat	*Dipodomys merriami*	N/A	1.11	0.00	0.00	0.00	0.00	0.14	0.00	1.92	0.06	0.00	0.53
deer mouse	*Peromyscus maniculatus*	N/A	1.72	0.28	2.19	0.17	4.22	2.82	0.15	1.93	0.06	0.19	13.41
southern grasshopper mouse	*Onychomys torridus*	N/A	1.72	0.00	0.00	0.00	0.00	2.82	0.00	1.93	0.06	0.00	13.41
desert woodrat	*Neotoma lepida*	N/A	0.00	0.00	2.19	0.17	0.00	2.82	0.00	1.93	0.06	0.00	13.41
california vole	*Microtus californicus*	N/A	1.72	0.00	0.00	0.00	4.22	2.82	0.15	0.00	0.00	0.19	13.41
kit fox	*Vulpes macrotis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70	0.04	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	1.72	0.28	2.19	0.17	4.22	2.82	0.00	1.93	0.06	0.19	13.41
american badger	*Taxidea taxus*	N/A	1.72	0.28	2.19	0.17	4.22	2.82	0.15	1.93	0.06	0.19	13.41
western spotted skunk	*Spilogale gracilis*	N/A	1.72	0.00	2.19	0.17	4.22	2.82	0.15	0.00	0.00	0.19	13.41
mountain lion	*Puma concolor*	ST	1.72	0.00	2.19	0.17	4.22	2.82	0.15	1.93	0.06	0.19	13.41

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bighorn sheep	*Ovis canadensis*	FE & SE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.93	0.06	0.00	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	2.19	0.17	4.22	2.82	0.00	0.00	0.00	0.19	13.41
Reptiles													
mohave desert tortoise	*Gopherus agassizii*	FT & ST	0.00	0.23	0.00	0.00	0.00	0.00	0.00	1.81	0.00	0.00	0.00
switak's banded gecko	*Coleonyx switaki*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.92	0.04	0.00	0.00
colorado desert fringe-toed lizard	*Uma notata*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70	0.04	0.00	0.00
common sagebrush lizard	*Sceloporus graciosus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.49
blainville's horned lizard	*Phrynosoma blainvillii*	FS	1.72	0.00	2.19	0.17	4.22	2.82	0.00	0.00	0.00	0.19	13.41
flat-tailed horned lizard	*Phrynosoma mcallii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70	0.04	0.00	0.00
desert night lizard	*Xantusia vigilis*	FS	0.02	0.00	0.00	0.00	0.00	0.00	0.00	1.92	0.04	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	1.72	0.00	2.19	0.17	4.22	2.82	0.15	0.00	0.00	0.19	13.41
orange-throated whiptail	*Aspidoscelis hyperythra*	FS	0.00	0.00	0.78	0.17	1.35	2.78	0.00	0.00	0.00	0.00	5.24
california legless lizard	*Anniella pulchra*	FS	0.00	0.00	2.19	0.17	4.22	2.82	0.00	1.37	0.06	0.19	13.41
ring-necked snake	*Diadophis punctatus*	N/A	1.72	0.00	2.19	0.17	4.22	2.82	0.00	1.47	0.00	0.19	13.41
coachwhip	*Coluber flagellum*	N/A	1.72	0.00	2.19	0.17	4.22	2.82	0.00	1.93	0.06	0.19	13.41
striped racer	*Coluber lateralis*	N/A	0.00	0.00	2.19	0.17	4.22	2.82	0.00	0.00	0.00	0.19	13.41
western patch-nosed snake	*Salvadora hexalepis*	N/A	1.72	0.28	2.19	0.17	4.22	2.82	0.00	1.93	0.06	0.19	13.41
gophersnake	*Pituophis catenifer*	N/A	1.72	0.00	2.19	0.17	4.22	2.82	0.15	1.93	0.06	0.19	13.41
california mountain kingsnake	*Lampropeltis zonata*	N/A	1.13	0.00	0.00	0.00	2.99	0.00	0.00	0.00	0.00	0.00	9.49
california mountain kingsnake (san diego population)	*Lampropeltis zonata pulchra*	FS	0.06	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.00	0.00	5.82
common gartersnake	*Thamnophis sirtalis*	N/A	1.53	0.00	2.03	0.00	4.15	2.82	0.15	0.00	0.00	0.19	13.40
red diamond rattlesnake	*Crotalus ruber*	FS	1.72	0.28	2.19	0.17	4.22	2.82	0.00	1.93	0.06	0.19	13.41
two-striped gartersnake	*Thamnophis hammondii*	FS	1.72	0.00	2.19	0.17	4.22	2.82	0.00	0.00	0.00	0.19	13.41
Invertebrates													
san diego fairy shrimp	*Branchinecta sandiegonensis*	FE	0.01	0.00	0.00	0.00	0.00	0.88	0.00	0.00	0.00	0.00	0.00
quino checkerspot butterfly	*Euphydryas editha quino*	FE	0.00	0.00	0.06	0.17	0.00	1.24	0.00	0.00	0.00	0.00	1.87
hermes copper butterfly	*Lycaena hermes*	FS	0.00	0.00	0.45	0.00	0.00	0.59	0.00	0.00	0.00	0.00	8.62
riverside fairy shrimp	*Streptocephalus woottoni*	FE	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants													
san diego thorn-mint	*Acanthomintha ilicifolia*	FT & SE	1.72	0.00	0.00	0.00	0.00	2.82	0.00	0.00	0.00	0.00	13.41
munz's onion	*Allium munzii*	FE & ST	1.72	0.00	0.00	0.00	0.00	2.82	0.00	0.00	0.00	0.00	13.41
san diego ambrosia	*Ambrosia pumila*	FE	1.72	0.00	0.00	0.00	0.00	2.82	0.00	0.00	0.00	0.00	13.41
braunton's milk-vetch	*Astragalus brauntonii*	FE	1.72	0.00	0.00	0.00	0.00	2.82	0.00	0.00	0.00	0.00	13.41
coachella valley milk-vetch	*Astragalus lentiginosus var. coachellae*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.00	0.00	0.00
peirson's milk-vetch	*Astragalus magdalenae var. peirsonii*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.00	0.00	0.00
encinitas baccharis	*Baccharis vanessae*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.41
nevin's barberry	*Berberis nevinii*	FE & SE	0.00	0.00	0.00	0.00	0.00	2.82	0.00	0.00	0.00	0.00	13.41
thread-leaved brodiaea	*Brodiaea filifolia*	FT & SE	1.72	0.00	0.00	0.00	0.00	2.82	0.00	0.00	0.00	0.00	13.41
dunn's mariposa lily	*Calochortus dunnii*	FS	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.41

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Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Chamise-Redshank Chaparral	Chamise-Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Deciduous Orchard	Desert Scrub	Desert Wash	Eucalyptus	Mixed Chaparral
vail lake ceanothus	*Ceanothus ophiochilus*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.41
wiggins' croton	*Croton wigginsii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.00	0.00	0.00
otay tarplant	*Deinandra conjugens*	FT & SE	1.72	0.00	0.00	0.00	0.00	2.82	0.00	0.00	0.00	0.00	0.00
mojave tarplant	*Deinandra mohavensis*	FS & SE	0.00	0.00	0.00	0.00	0.00	2.82	0.00	0.00	0.00	0.00	13.41
cuyamaca larkspur	*Delphinium hesperium ssp. cuyamacae*	FS	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mt. laguna aster	*Dieteria asteroides var. lagunensis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.41
slender-horned spineflower	*Dodecahema leptoceras*	FE & SE	0.00	0.00	0.00	0.00	0.00	2.82	0.00	0.00	0.00	0.00	13.41
cuyamaca lake downingia	*Downingia concolor var. brevior*	SE	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san diego button-celery	*Eryngium aristulatum var. parishii*	FE & SE	1.72	0.00	0.00	0.00	0.00	2.82	0.00	0.00	0.00	0.00	0.00
mexican flannelbush	*Fremontodendron mexicanum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.41
roderick's fritillary	*Fritillaria roderickii*	SE	1.72	0.00	0.00	0.00	0.00	2.82	0.00	0.00	0.00	0.00	0.00
borrego bedstraw	*Galium angustifolium ssp. borregoense*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.00	0.00	0.00
algodones dunes sunflower	*Helianthus niveus ssp. tephrodes*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.00	0.00	0.00
parish's meadowfoam	*Limnanthes alba ssp. parishii*	FS & SE	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spreading navarretia	*Navarretia fossalis*	FT	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dehesa nolina	*Nolina interrata*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.41
california orcutt grass	*Orcuttia californica*	FE & SE	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gander's ragwort	*Packera ganderi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.41
san bernardino blue grass	*Poa atropurpurea*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
small-leaved rose	*Rosa minutifolia*	SE	0.00	0.00	0.00	0.00	0.00	2.82	0.00	0.00	0.00	0.00	13.41

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Common Name	Species Name	Status	Montane Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Pasture	Perennial Grassland	Sagebrush	Sierran Mixed Conifer	Urban	Valley Foothill Riparian	Wet Meadow
		Total:	0.77	0.20	0.21	0.20	2.01	0.12	0.06	17.44	0.92	0.40
Amphibians												
california newt	*Taricha torosa*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ensatina	*Ensatina eschscholtzii*	N/A	0.77	0.20	0.21	0.00	0.00	0.00	0.06	0.00	0.92	0.40
southern california slender salamander	*Batrachoseps major*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western spadefoot	*Spea hammondii*	FS	0.00	0.00	0.00	0.00	1.31	0.00	0.00	0.00	0.00	0.00
arroyo toad	*Anaxyrus californicus*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00
california red-legged frog	*Rana draytonii*	FT	0.00	0.20	0.21	0.00	2.01	0.00	0.00	0.00	0.92	0.40
Birds												
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	0.00	0.20	0.21	0.00	2.01	0.00	0.06	17.00	0.92	0.40
great egret	*Ardea alba*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.92	0.00	0.00
osprey	*Pandion haliaetus*	FS	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.16	0.00
white-tailed kite	*Elanus leucurus*	FS	0.00	0.00	0.00	0.00	2.01	0.00	0.00	16.97	0.92	0.40
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.77	0.20	0.21	0.00	2.01	0.12	0.06	0.00	0.92	0.40
northern harrier	*Circus cyaneus*	N/A	0.77	0.20	0.21	0.00	2.01	0.12	0.06	17.44	0.92	0.40
golden eagle	*Aquila chrysaetos*	FS	0.77	0.20	0.21	0.20	2.01	0.12	0.06	17.44	0.92	0.40
peregrine falcon	*Falco peregrinus*	FS	0.77	0.20	0.21	0.00	2.01	0.12	0.06	16.97	0.92	0.40
california quail	*Callipepla californica*	N/A	0.77	0.20	0.21	0.00	2.01	0.12	0.06	17.44	0.92	0.40
burrowing owl	*Athene cunicularia*	FS	0.00	0.00	0.00	0.07	1.62	0.09	0.00	6.73	0.30	0.34
spotted owl	*Strix occidentalis*	N/A	0.00	0.10	0.21	0.00	0.00	0.00	0.06	0.00	0.72	0.00
california spotted owl	*Strix occidentalis occidentalis*	FS	0.00	0.10	0.21	0.00	0.00	0.00	0.06	0.00	0.72	0.00
long-eared owl	*Asio otus*	N/A	0.77	0.20	0.21	0.20	2.01	0.12	0.06	0.00	0.92	0.40
short-eared owl	*Asio flammeus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.20	0.21	0.00	0.00	0.00	0.06	0.00	0.00	0.00
purple martin	*Progne subis*	N/A	0.00	0.20	0.21	0.00	2.01	0.00	0.06	16.42	0.76	0.40
cactus wren	*Campylorhynchus brunneicapillus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.47	0.00	0.00
san diego cactus wren	*Campylorhynchus brunneicapillus sandiegensis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.08	0.00	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.77	0.20	0.21	0.00	0.00	0.00	0.00	17.44	0.92	0.00
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.40
crissal thrasher	*Toxostoma crissale*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
le conte's thrasher	*Toxostoma lecontei*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
loggerhead shrike	*Lanius ludovicianus*	N/A	0.00	0.20	0.21	0.00	2.01	0.12	0.00	17.44	0.92	0.40
gray vireo	*Vireo vicinior*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.14	0.17	0.00	0.00	0.00	0.00	14.78	0.90	0.00
lucy's warbler	*Oreothlypis luciae*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
yellow warbler	*Setophaga petechia*	N/A	0.77	0.20	0.21	0.00	0.00	0.00	0.06	16.97	0.92	0.00
common yellowthroat	*Geothlypis trichas*	N/A	0.00	0.00	0.00	0.00	2.01	0.00	0.00	0.00	0.92	0.40
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00
spotted towhee	*Pipilo maculatus*	N/A	0.77	0.20	0.21	0.00	0.00	0.12	0.06	17.44	0.92	0.00
california towhee	*Pipilo crissalis*	N/A	0.77	0.20	0.21	0.00	0.00	0.00	0.00	17.40	0.92	0.00
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.77	0.00	0.00	0.00	2.01	0.12	0.00	0.00	0.92	0.00
vesper sparrow	*Pooecetes gramineus*	N/A	0.77	0.00	0.00	0.00	1.88	0.12	0.00	0.00	0.00	0.00
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	0.77	0.00	0.00	0.00	1.78	0.12	0.00	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.77	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Montane Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Pasture	Perennial Grassland	Sagebrush	Sierran Mixed Conifer	Urban	Valley Foothill Riparian	Wet Meadow
savannah sparrow	*Passerculus sandwichensis*	N/A	0.00	0.00	0.00	0.20	2.01	0.12	0.00	0.00	0.92	0.40
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.00	0.00	0.00	0.00	1.78	0.00	0.00	0.00	0.00	0.34
song sparrow	*Melospiza melodia*	N/A	0.00	0.20	0.21	0.00	2.01	0.00	0.06	17.44	0.92	0.40
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.00	0.00	0.00	0.00	2.01	0.00	0.00	17.44	0.92	0.40
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.00	0.00	0.00	0.00	2.01	0.00	0.00	16.97	0.92	0.40
california gnatcatcher	*Polioptila californica*	FT	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.16	0.00
Mammals												
ornate shrew	*Sorex ornatus*	N/A	0.77	0.00	0.21	0.00	2.01	0.00	0.06	0.00	0.92	0.40
broad-footed mole	*Scapanus latimanus*	N/A	0.00	0.20	0.21	0.20	2.01	0.00	0.06	0.00	0.92	0.40
california leaf-nosed bat	*Macrotus californicus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hog-nosed bat	*Choeronycteris mexicana*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.52	0.00	0.00
yuma myotis	*Myotis yumanensis*	FS	0.77	0.20	0.21	0.20	2.01	0.12	0.06	17.00	0.92	0.40
long-eared myotis	*Myotis evotis*	FS	0.77	0.20	0.21	0.20	2.01	0.12	0.06	0.00	0.92	0.40
fringed myotis	*Myotis thysanodes*	FS	0.77	0.20	0.21	0.20	2.01	0.12	0.06	17.00	0.92	0.00
small-footed myotis	*Myotis ciliolabrum*	FS	0.77	0.20	0.21	0.20	2.01	0.12	0.06	17.44	0.92	0.40
western red bat	*Lasiurus blossevillii*	N/A	0.77	0.20	0.21	0.20	2.01	0.00	0.06	17.00	0.92	0.40
western yellow bat	*Lasiurus xanthinus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00
spotted bat	*Euderma maculatum*	FS	0.77	0.00	0.21	0.00	2.01	0.12	0.06	17.44	0.92	0.40
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.77	0.20	0.21	0.20	2.01	0.12	0.06	17.44	0.92	0.40
pallid bat	*Antrozous pallidus*	FS	0.77	0.20	0.21	0.20	2.01	0.12	0.06	17.44	0.92	0.40
pocketed free-tailed bat	*Nyctinomops femorosaccus*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.44	0.00	0.00
western mastiff bat	*Eumops perotis*	FS	0.77	0.20	0.21	0.20	2.01	0.00	0.00	17.44	0.92	0.40
brush rabbit	*Sylvilagus bachmani*	N/A	0.77	0.20	0.21	0.20	2.01	0.00	0.06	17.44	0.92	0.00
black-tailed jackrabbit	*Lepus californicus*	N/A	0.77	0.20	0.21	0.20	2.01	0.12	0.06	17.44	0.92	0.40
round-tailed ground squirrel	*Xerospermophilus tereticaudus*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
little pocket mouse	*Perognathus longimembris*	N/A	0.77	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00
san diego pocket mouse	*Chaetodipus fallax*	N/A	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00
california pocket mouse	*Chaetodipus californicus*	N/A	0.77	0.20	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00
stephens' kangaroo rat	*Dipodomys stephensi*	FE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
merriam's kangaroo rat	*Dipodomys merriami*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.77	0.20	0.21	0.20	2.01	0.12	0.06	17.44	0.92	0.40
southern grasshopper mouse	*Onychomys torridus*	N/A	0.00	0.00	0.00	0.00	2.01	0.12	0.00	0.00	0.92	0.00
desert woodrat	*Neotoma lepida*	N/A	0.77	0.20	0.21	0.00	0.00	0.12	0.00	0.00	0.00	0.00
california vole	*Microtus californicus*	N/A	0.77	0.20	0.21	0.20	2.01	0.12	0.06	17.00	0.92	0.40
kit fox	*Vulpes macrotis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	0.77	0.20	0.21	0.20	2.01	0.12	0.06	0.00	0.92	0.40
american badger	*Taxidea taxus*	N/A	0.77	0.20	0.21	0.20	2.01	0.12	0.06	0.00	0.92	0.40
western spotted skunk	*Spilogale gracilis*	N/A	0.77	0.20	0.21	0.20	2.01	0.12	0.06	17.44	0.92	0.40
mountain lion	*Puma concolor*	ST	0.77	0.20	0.21	0.20	2.01	0.12	0.06	0.00	0.92	0.40
bighorn sheep	*Ovis canadensis*	FE & SE & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	0.77	0.20	0.21	0.00	2.01	0.12	0.06	0.00	0.92	0.40

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Montane Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Pasture	Perennial Grassland	Sagebrush	Sierran Mixed Conifer	Urban	Valley Foothill Riparian	Wet Meadow
Reptiles												
mohave desert tortoise	*Gopherus agassizii*	FT & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
switak's banded gecko	*Coleonyx switaki*	FS & ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
colorado desert fringe-toed lizard	*Uma notata*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
common sagebrush lizard	*Sceloporus graciosus*	FS	0.77	0.20	0.21	0.00	0.00	0.08	0.06	0.00	0.00	0.00
blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.00	0.00	0.21	0.00	2.01	0.00	0.00	0.00	0.92	0.00
flat-tailed horned lizard	*Phrynosoma mcallii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
desert night lizard	*Xantusia vigilis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western skink	*Plestiodon skiltonianus*	N/A	0.77	0.20	0.21	0.20	2.01	0.00	0.06	0.00	0.92	0.00
orange-throated whiptail	*Aspidoscelis hyperythra*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.00	0.00	2.01	0.00	0.00	0.00	0.92	0.00
ring-necked snake	*Diadophis punctatus*	N/A	0.77	0.20	0.21	0.20	2.01	0.00	0.06	17.40	0.92	0.00
coachwhip	*Coluber flagellum*	N/A	0.00	0.00	0.00	0.20	2.01	0.12	0.00	0.00	0.92	0.00
striped racer	*Coluber lateralis*	N/A	0.77	0.20	0.21	0.00	0.00	0.00	0.06	0.00	0.92	0.40
western patch-nosed snake	*Salvadora hexalepis*	N/A	0.77	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.92	0.00
gophersnake	*Pituophis catenifer*	N/A	0.77	0.20	0.21	0.20	2.01	0.12	0.06	17.44	0.92	0.40
california mountain kingsnake	*Lampropeltis zonata*	N/A	0.77	0.20	0.21	0.00	0.00	0.00	0.06	0.00	0.76	0.40
california mountain kingsnake (san diego population)	*Lampropeltis zonata pulchra*	FS	0.20	0.06	0.21	0.00	0.00	0.00	0.06	0.00	0.08	0.07
common gartersnake	*Thamnophis sirtalis*	N/A	0.77	0.20	0.21	0.14	2.01	0.08	0.06	0.00	0.92	0.40
red diamond rattlesnake	*Crotalus ruber*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00
two-striped gartersnake	*Thamnophis hammondii*	FS	0.77	0.20	0.21	0.00	0.00	0.00	0.00	0.00	0.92	0.40
Invertebrates												
san diego fairy shrimp	*Branchinecta sandiegonensis*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
quino checkerspot butterfly	*Euphydryas editha quino*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hermes copper butterfly	*Lycaena hermes*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
riverside fairy shrimp	*Streptocephalus woottoni*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants												
san diego thorn-mint	*Acanthomintha ilicifolia*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
munz's onion	*Allium munzii*	FE & ST	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san diego ambrosia	*Ambrosia pumila*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
braunton's milk-vetch	*Astragalus brauntonii*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coachella valley milk-vetch	*Astragalus lentiginosus var. coachellae*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
peirson's milk-vetch	*Astragalus magdalenae var. peirsonii*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
encinitas baccharis	*Baccharis vanessae*	FT & SE	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
nevin's barberry	*Berberis nevinii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
thread-leaved brodiaea	*Brodiaea filifolia*	FT & SE	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dunn's mariposa lily	*Calochortus dunnii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vail lake ceanothus	*Ceanothus ophiochilus*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
wiggins' croton	*Croton wigginsii*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
otay tarplant	*Deinandra conjugens*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

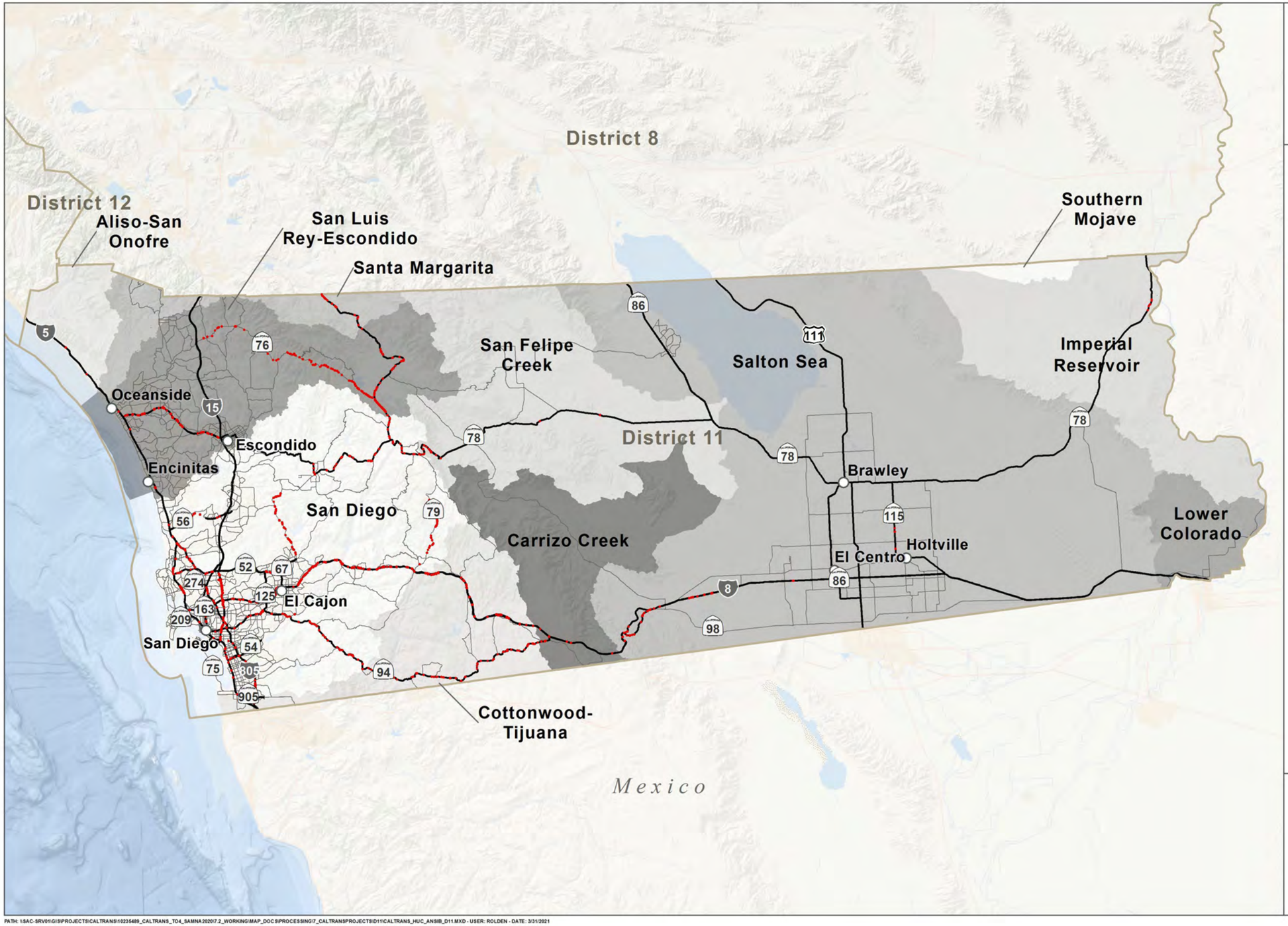
Units are in acres

Common Name	Species Name	Status	Montane Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Pasture	Perennial Grassland	Sagebrush	Sierran Mixed Conifer	Urban	Valley Foothill Riparian	Wet Meadow
mojave tarplant	*Deinandra mohavensis*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cuyamaca larkspur	*Delphinium hesperium ssp. cuyamacae*	FS	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.40
mt. laguna aster	*Dieteria asteroides var. lagunensis*	FS	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender-horned spineflower	*Dodecahema leptoceras*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
cuyamaca lake downingia	*Downingia concolor var. brevior*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40
san diego button-celery	*Eryngium aristulatum var. parishii*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mexican flannelbush	*Fremontodendron mexicanum*	FE	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
borrego bedstraw	*Galium angustifolium ssp. borregoense*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
algodones dunes sunflower	*Helianthus niveus ssp. tephrodes*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
parish's meadowfoam	*Limnanthes alba ssp. parishii*	FS & SE	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.40
spreading navarretia	*Navarretia fossalis*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40
dehesa nolina	*Nolina interrata*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california orcutt grass	*Orcuttia californica*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gander's ragwort	*Packera ganderi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san bernardino blue grass	*Poa atropurpurea*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40
small-leaved rose	*Rosa minutifolia*	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
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Units are in acres

Caltrans District 11 – Hydrologic Units (HUC-8) with Potential Transportation Projects



HYDROLOGIC UNITS (HUC8) WITH POTENTIAL TRANSPORTATION PROJECTS FOR CALTRANS DISTRICT 11

- City
- Highway
- Major Road
- District 11 Transportation Project
- Caltrans District

N

Miles

0 10 20

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Caltrans District 11 – Watershed Impacts to Waters and Fish Species Summary Table

HUC-8 Name / Common Species Name	Scientific Species Name	Listing Status	Canal/Ditch	Connector	Lake/Pond	Pipeline	Stream/River	Underground Conduit
Aliso-San Onofre			0.00	0.00	0.00	0.00	0.04	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00
Carrizo Creek			0.00	0.00	0.00	0.00	0.04	0.00
Desert pupfish	*Cyprinodon macularius*	FE & SE	0.00	0.00	0.00	0.00	0.04	0.00
Cottonwood-Tijuana			0.00	0.00	0.01	0.00	0.77	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00
Imperial Reservoir			0.00	0.00	0.00	0.00	0.09	0.00
Colorado pikeminnow	*Ptychocheilus lucius*	FE & SE	0.00	0.00	0.00	0.00	0.09	0.00
Desert pupfish	*Cyprinodon macularius*	FE & SE	0.00	0.00	0.00	0.00	0.09	0.00
Razorback sucker	*Xyrauchen texanus*	FE & SE	0.00	0.00	0.00	0.00	0.09	0.00
Salton Sea			0.13	0.00	0.00	0.00	0.07	0.00
Desert pupfish	*Cyprinodon macularius*	FE & SE	0.12	0.00	0.00	0.00	0.06	0.00
Razorback sucker	*Xyrauchen texanus*	FE & SE	0.12	0.00	0.00	0.00	0.06	0.00
San Diego			0.01	0.19	0.00	0.04	5.01	0.16
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00
San Felipe Creek			0.00	0.00	0.00	0.00	0.05	0.00
Desert pupfish	*Cyprinodon macularius*	FE & SE	0.00	0.00	0.00	0.00	0.05	0.00
Mohave tui chub	*Siphateles bicolor mohavensis*	FE & SE	0.00	0.00	0.00	0.00	0.05	0.00
Unarmored threespine stickleback	*Gasterosteus aculeatus williamsoni*	FE & SE	0.00	0.00	0.00	0.00	0.05	0.00
San Luis Rey-Escondido			0.05	0.00	0.00	0.00	0.30	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00

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N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 11 – HUC-8 Watershed Impacts by Wetland Type Summary Table

HUC-8 Name	Depressional Seasonal Natural Emergent	Depressional Seasonal Natural Forested	Depressional Seasonal Natural Shrub-Scrub	Depressional Seasonal Unnatural Emergent	Depressional Seasonal Unnatural Non-vegetated	Depressional Seasonal Unnatural Shrub-Scrub	Estuarine and Marine Deepwater	Estuarine and Marine Wetland	Freshwater Emergent Wetland	Freshwater Forested/ Shrub Wetland	Freshwater Pond	Riverine
Aliso-San Onofre	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Carrizo Creek	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.07
Cottonwood-Tijuana	0.04	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.04	0.87
Imperial Reservoir	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Salton Sea	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
San Diego	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.10	0.66	0.00	2.02
San Felipe Creek	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
San Luis Rey-Escondido	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.10	0.00	0.40

Units are in acres

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APPENDIX L

District 12

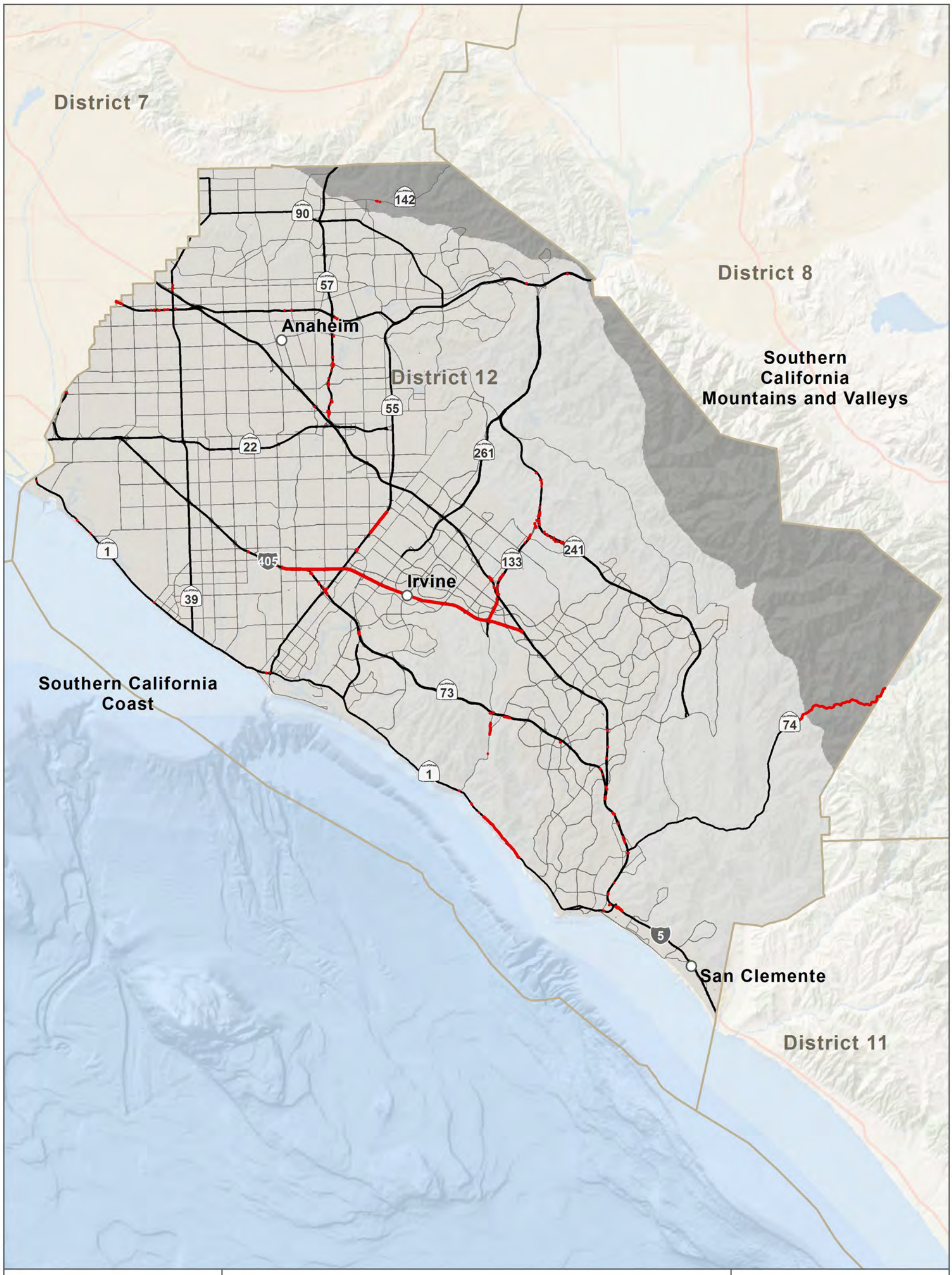
- **Table**: Caltrans District 12 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin
- **Map**: Caltrans District 12 – Ecoregion Sections with Potential Transportation Projects
- **Table**: Caltrans District 12 – Southern California Coast Ecoregion Section Impact by Species Summary Table
- **Table**: Caltrans District 12 – Southern California Mountains and Valleys Ecoregion Section Impact by Species Summary Table
- **Map**: Caltrans District 12 – Hydrologic Units (HUC-8) with Potential Transportation Projects
- **Table**: Caltrans District 12 – Watershed Impacts to Waters and Fish Species Summary Table
- **Table**: Caltrans District 12 – HUC-8 Watershed Impacts by Wetland Type Summary Table

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Caltrans District 12 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC-8	Footprint in HUC-8 (Acres)
13714	Orange	39	15.2	15.9	Drainage	2019/20	Southern California Coast	0.18	San Gabriel	0.18
13768	Orange	1	5.5	7.9	Mobility - ADA	2020/21	Southern California Coast	9.68	Aliso-San Onofre	9.69
13881	Orange	133	3.1	3.6	Safety Improvements	2019/20	Southern California Coast	3.97	Aliso-San Onofre	4.01
15698	Orange	73	24		Safety Improvements	2019/20	Southern California Coast	2.01	Newport Bay	2.01
16143	Orange	133	8.5	M9.3	Mobility - Operational Improvements	2021/22	Southern California Coast	7.74	Newport Bay	7.74
17393	Orange	55	R8.0	R9.2	Mobility - Operational Improvements	2019/20	Southern California Coast	6.01	Newport Bay	6.01
17495	Orange	Various			Bridge	2020/21	Southern California Coast	3.05	Newport Bay	2.54
									San Gabriel	0.52
17809	Orange	74	11.5	16.6	Safety Improvements	2019/20	Southern California Coast	2.19	Aliso-San Onofre	18.20
							Southern California Mountains and Valleys	15.95		
18833	Orange	55	0.17	R17.876	Pavement	2023/24	Southern California Coast	0.34	Newport Bay	0.34
18944	Orange	57	10.8	16.4	Bridge	2027/28	Southern California Coast	2.37	Santa Ana	1.73
									Seal Beach	0.64
18946	Orange	405	0.23	11.4	Pavement	2022/23	Southern California Coast	78.98	Newport Bay	68.38
									Santa Ana	10.61
19918	Orange	73	10.3	27.7	Pavement	2028/29	Southern California Coast	2.75	Aliso-San Onofre	1.70
									Newport Bay	0.55
									Santa Ana	0.50
20527	Orange	133	0	4.2	Pavement	2028/29	Southern California Coast	0.10	Aliso-San Onofre	0.10
20632	Orange	5	0	14.5	Pavement	2024/25	Southern California Coast	3.07	Aliso-San Onofre	3.07
20634	Orange	91	R0.0	R18.905	Pavement	2023/24	Southern California Coast	1.34	San Gabriel	1.14
									Santa Ana	0.19
20639	Orange	142	R0.753	6.35	Pavement	2026/27	Southern California Mountains and Valleys	0.30	San Gabriel	0.31
20714	Orange	133	7.5	13.6	Bridge	2028/29	Southern California Coast	4.57	Newport Bay	4.59
20767	Orange	1	0.8	33.719	Drainage	2026/27	Southern California Coast	0.72	Aliso-San Onofre	0.43
									Newport Bay	0.17
									Seal Beach	0.12
20787	Orange	605	0	1.6	Pavement	2028/29	Southern California Coast	0.06	San Gabriel	0.06
20791	Orange	405	11.4	16.9	Pavement	2024/25	Southern California Coast	0.30	Santa Ana	0.30
20792	Orange	5	25.8	34.8	Pavement	2025/26	Southern California Coast	0.99	Newport Bay	0.99
21950	Orange	5	34.8	44.3	Pavement	2025/26	Southern California Coast	0.04	Seal Beach	0.04
22030	Orange	241	14.5	30	Pavement	2026/27	Southern California Coast	5.83	Newport Bay	5.84
22135	Orange	5	14.5	25.8	Pavement	2024/25	Southern California Coast	2.05	Aliso-San Onofre	2.05

Caltrans District 12 – Ecoregion Sections with Potential Transportation Projects



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Caltrans District 12 – Southern California Coast Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Barren	Coastal Oak Woodland	Coastal Scrub	Deciduous Orchard	Fresh Emergent Wetland	Mixed Chaparral	Montane Riparian	Pasture	Urban	Valley Foothill Riparian
		Total:	8.02	0.65	0.17	4.56	0.40	0.09	0.10	0.03	1.05	123.12	0.15
Amphibians													
california newt	*Taricha torosa*	N/A	0.38	0.00	0.17	1.37	0.00	0.00	0.10	0.00	0.00	0.00	0.15
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.00	0.17	4.03	0.00	0.00	0.10	0.00	0.00	0.00	0.15
southern california slender salamander	*Batrachoseps major*	N/A	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
western spadefoot	*Spea hammondii*	FS	8.02	0.00	0.17	4.56	0.40	0.09	0.10	0.00	0.00	0.00	0.00
arroyo toad	*Anaxyrus californicus*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.15
california red-legged frog	*Rana draytonii*	FT	8.02	0.00	0.17	4.56	0.00	0.09	0.10	0.03	0.00	0.00	0.15
Birds													
american white pelican	*Pelecanus erythrorhynchos*	N/A	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
brown pelican	*Pelecanus occidentalis*	FS	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
least bittern	*Ixobrychus exilis*	N/A	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00
great blue heron	*Ardea herodias*	N/A	8.02	0.00	0.17	4.56	0.00	0.09	0.00	0.03	0.00	123.12	0.15
great egret	*Ardea alba*	N/A	7.89	0.00	0.17	0.00	0.00	0.09	0.00	0.03	0.00	123.12	0.15
osprey	*Pandion haliaetus*	FS	8.02	0.65	0.17	0.00	0.00	0.09	0.10	0.03	0.00	0.00	0.15
white-tailed kite	*Elanus leucurus*	FS	8.02	0.65	0.17	4.56	0.40	0.09	0.10	0.00	0.00	123.12	0.15
bald eagle	*Haliaeetus leucocephalus*	FS & SE	8.02	0.65	0.17	4.56	0.00	0.09	0.10	0.03	0.00	0.00	0.15
northern harrier	*Circus cyaneus*	N/A	8.02	0.65	0.17	4.56	0.40	0.09	0.10	0.03	0.00	123.12	0.15
golden eagle	*Aquila chrysaetos*	FS	1.91	0.10	0.17	4.03	0.00	0.09	0.10	0.00	0.00	109.96	0.15
peregrine falcon	*Falco peregrinus*	FS	8.02	0.65	0.17	4.56	0.00	0.09	0.10	0.03	0.00	123.12	0.15
california quail	*Callipepla californica*	N/A	8.02	0.00	0.17	4.56	0.40	0.00	0.10	0.03	0.00	123.12	0.15
snowy plover	*Charadrius nivosus*	FT	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
least tern	*Sternula antillarum*	FE & SE	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
burrowing owl	*Athene cunicularia*	FS	8.02	0.65	0.17	4.56	0.00	0.00	0.10	0.00	1.05	123.12	0.15
long-eared owl	*Asio otus*	N/A	1.91	0.00	0.17	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.15
short-eared owl	*Asio flammeus*	N/A	2.85	0.00	0.00	2.88	0.00	0.09	0.00	0.00	0.00	112.32	0.00
purple martin	*Progne subis*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	89.22	0.00
cactus wren	*Campylorhynchus brunneicapillus*	N/A	0.00	0.00	0.00	4.56	0.00	0.00	0.10	0.00	0.00	123.12	0.00
san diego cactus wren	*Campylorhynchus brunneicapillus sandiegensis*	FS	0.00	0.00	0.00	4.31	0.00	0.00	0.10	0.00	0.00	107.55	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.00	0.17	4.56	0.40	0.00	0.10	0.03	0.00	123.12	0.15
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.03	0.00	0.00	0.15
loggerhead shrike	*Lanius ludovicianus*	N/A	8.02	0.65	0.17	4.56	0.40	0.00	0.10	0.03	0.00	123.12	0.15
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.00	0.17	1.68	0.40	0.00	0.10	0.03	0.00	96.23	0.15
yellow warbler	*Setophaga petechia*	N/A	0.00	0.00	0.17	4.56	0.40	0.00	0.10	0.03	0.00	123.12	0.15
common yellowthroat	*Geothlypis trichas*	N/A	8.02	0.00	0.00	0.00	0.00	0.09	0.00	0.03	0.00	0.00	0.15
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	0.00	4.56	0.00	0.00	0.00	0.03	0.00	0.00	0.15
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.00	0.17	4.56	0.40	0.00	0.10	0.03	0.00	123.12	0.15
california towhee	*Pipilo crissalis*	N/A	0.00	0.00	0.17	4.56	0.40	0.00	0.10	0.03	0.00	123.12	0.15
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	8.02	0.00	0.00	4.56	0.00	0.00	0.10	0.00	0.00	0.00	0.15
vesper sparrow	*Pooecetes gramineus*	N/A	1.91	0.00	0.17	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	1.91	0.00	0.17	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	0.00	4.56	0.00	0.00	0.10	0.00	0.00	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	8.02	0.00	0.17	4.56	0.40	0.00	0.10	0.00	1.05	0.00	0.15
grasshopper sparrow	*Ammodramus savannarum*	N/A	7.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	8.02	0.00	0.17	4.56	0.40	0.09	0.10	0.03	0.00	123.12	0.15
red-winged blackbird	*Agelaius phoeniceus*	N/A	8.02	0.00	0.00	4.56	0.40	0.09	0.00	0.03	0.00	123.12	0.15
tricolored blackbird	*Agelaius tricolor*	FS & ST	8.02	0.00	0.00	0.00	0.40	0.09	0.00	0.00	0.00	123.12	0.15
yellow-headed blackbird	*Xanthocephalus xanthocephalus*	N/A	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Annual Grass	Barren	Coastal Oak Woodland	Coastal Scrub	Deciduous Orchard	Fresh Emergent Wetland	Mixed Chaparral	Montane Riparian	Pasture	Urban	Valley Foothill Riparian
california gnatcatcher	*Polioptila californica*	FT	1.30	0.00	0.17	3.99	0.00	0.00	0.10	0.00	0.00	0.00	0.15
fork-tailed storm-petrel	*Oceanodroma furcata*	FS	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ashy storm-petrel	*Oceanodroma homochroa*	FS	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
black storm-petrel	*Oceanodroma melania*	N/A	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals													
ornate shrew	*Sorex ornatus*	N/A	8.02	0.00	0.17	4.56	0.00	0.09	0.10	0.03	0.00	0.00	0.15
broad-footed mole	*Scapanus latimanus*	N/A	8.02	0.00	0.17	4.56	0.40	0.00	0.00	0.03	1.05	0.00	0.15
yuma myotis	*Myotis yumanensis*	FS	8.02	0.00	0.17	4.56	0.40	0.09	0.10	0.03	1.05	123.12	0.15
long-eared myotis	*Myotis evotis*	FS	0.00	0.65	0.17	4.56	0.40	0.09	0.10	0.03	1.05	0.00	0.15
fringed myotis	*Myotis thysanodes*	FS	8.02	0.65	0.17	4.56	0.00	0.00	0.10	0.03	1.05	123.12	0.15
small-footed myotis	*Myotis ciliolabrum*	FS	8.02	0.65	0.17	4.56	0.40	0.09	0.10	0.03	1.05	123.12	0.15
western red bat	*Lasiurus blossevillii*	N/A	8.02	0.00	0.17	4.56	0.00	0.09	0.10	0.03	1.05	123.12	0.15
western yellow bat	*Lasiurus xanthinus*	N/A	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
spotted bat	*Euderma maculatum*	FS	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	89.25	0.00
townsend's big-eared bat	*Corynorhinus townsendii*	FS	8.02	0.65	0.17	4.56	0.40	0.00	0.10	0.03	1.05	123.12	0.15
pallid bat	*Antrozous pallidus*	FS	8.02	0.65	0.17	4.56	0.40	0.00	0.10	0.03	1.05	123.12	0.15
pocketed free-tailed bat	*Nyctinomops femorosaccus*	N/A	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122.22	0.00
western mastiff bat	*Eumops perotis*	FS	8.02	0.65	0.17	4.56	0.40	0.09	0.10	0.03	1.05	123.12	0.15
brush rabbit	*Sylvilagus bachmani*	N/A	8.02	0.00	0.17	4.56	0.40	0.00	0.10	0.03	1.05	123.12	0.15
black-tailed jackrabbit	*Lepus californicus*	N/A	8.02	0.00	0.17	4.56	0.40	0.00	0.10	0.03	1.05	123.12	0.15
little pocket mouse	*Perognathus longimembris*	N/A	0.00	0.00	0.00	4.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san diego pocket mouse	*Chaetodipus fallax*	N/A	1.91	0.00	0.00	4.03	0.00	0.00	0.10	0.00	0.00	0.00	0.00
california pocket mouse	*Chaetodipus californicus*	N/A	8.02	0.00	0.17	4.56	0.00	0.00	0.10	0.00	0.00	0.00	0.00
stephens' kangaroo rat	*Dipodomys stephensi*	FE & ST	1.91	0.00	0.00	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	8.02	0.65	0.17	4.56	0.40	0.09	0.10	0.03	1.05	123.12	0.15
southern grasshopper mouse	*Onychomys torridus*	N/A	8.02	0.00	0.00	4.56	0.00	0.00	0.10	0.03	0.00	0.00	0.15
desert woodrat	*Neotoma lepida*	N/A	0.00	0.00	0.00	4.56	0.00	0.00	0.10	0.00	0.00	0.00	0.00
california vole	*Microtus californicus*	N/A	8.02	0.00	0.17	4.56	0.40	0.09	0.10	0.03	1.05	123.12	0.15
red fox	*Vulpes vulpes*	N/A	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ringtail	*Bassariscus astutus*	N/A	8.02	0.65	0.17	4.56	0.00	0.00	0.10	0.03	1.05	0.00	0.15
american badger	*Taxidea taxus*	N/A	8.02	0.65	0.17	4.56	0.40	0.00	0.10	0.03	1.05	0.00	0.15
western spotted skunk	*Spilogale gracilis*	N/A	8.02	0.00	0.17	4.56	0.40	0.00	0.10	0.03	1.05	123.12	0.15
mountain lion	*Puma concolor*	ST	1.91	0.00	0.17	4.03	0.00	0.00	0.10	0.00	0.00	0.00	0.15
guadalupe fur-seal	*Arctocephalus townsendi*	FT & ST	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
california sea-lion	*Zalophus californianus*	N/A	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
harbor seal	*Phoca vitulina*	N/A	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
northern elephant seal	*Mirounga angustirostris*	N/A	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.00	0.17	4.56	0.00	0.00	0.10	0.03	0.00	0.00	0.15
Reptiles													
blainville's horned lizard	*Phrynosoma blainvillii*	FS	8.02	0.00	0.17	4.56	0.00	0.00	0.10	0.00	0.00	0.00	0.15
western skink	*Plestiodon skiltonianus*	N/A	8.02	0.00	0.17	4.56	0.40	0.00	0.10	0.03	1.05	0.00	0.15
orange-throated whiptail	*Aspidoscelis hyperythra*	FS	0.00	0.00	0.17	4.56	0.00	0.00	0.10	0.00	0.00	0.00	0.00
california legless lizard	*Anniella pulchra*	FS	0.00	0.00	0.17	4.56	0.00	0.00	0.10	0.00	0.00	0.00	0.15
ring-necked snake	*Diadophis punctatus*	N/A	8.02	0.00	0.17	4.56	0.00	0.09	0.10	0.03	1.05	123.12	0.15
coachwhip	*Coluber flagellum*	N/A	0.00	0.00	0.17	1.11	0.00	0.00	0.10	0.00	0.00	0.00	0.15
striped racer	*Coluber lateralis*	N/A	0.00	0.00	0.17	4.56	0.00	0.00	0.10	0.03	0.00	0.00	0.15
western patch-nosed snake	*Salvadora hexalepis*	N/A	6.44	0.33	0.17	4.56	0.00	0.00	0.10	0.00	0.00	0.00	0.15
gophersnake	*Pituophis catenifer*	N/A	8.02	0.00	0.17	4.56	0.40	0.09	0.10	0.03	1.05	123.12	0.15
california mountain kingsnake	*Lampropeltis zonata*	N/A	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	8.02	0.00	0.17	4.56	0.40	0.09	0.10	0.03	1.05	0.00	0.15
red diamond rattlesnake	*Crotalus ruber*	FS	6.42	0.42	0.17	4.56	0.00	0.00	0.10	0.00	0.00	0.00	0.15
two-striped gartersnake	*Thamnophis hammondii*	FS	8.02	0.00	0.17	4.56	0.00	0.09	0.10	0.03	0.00	0.00	0.15
Invertebrates													
san diego fairy shrimp	*Branchinecta sandiegonensis*	FE	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Common Name	Species Name	Status	Annual Grass	Barren	Coastal Oak Woodland	Coastal Scrub	Deciduous Orchard	Fresh Emergent Wetland	Mixed Chaparral	Montane Riparian	Pasture	Urban	Valley Foothill Riparian
riverside fairy shrimp	*Streptocephalus woottoni*	FE	1.66	0.00	0.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants													
san diego thorn-mint	*Acanthomintha ilicifolia*	FT & SE	8.02	0.00	0.00	4.56	0.00	0.00	0.10	0.00	0.00	0.00	0.00
munz's onion	*Allium munzii*	FE & ST	8.02	0.00	0.00	4.56	0.00	0.00	0.10	0.00	0.00	0.00	0.00
san diego ambrosia	*Ambrosia pumila*	FE	8.02	0.00	0.00	4.56	0.00	0.00	0.10	0.00	0.00	0.00	0.00
marsh sandwort	*Arenaria paludicola*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00
braunton's milk-vetch	*Astragalus brauntonii*	FE	8.02	0.00	0.00	4.56	0.00	0.00	0.10	0.00	0.00	0.00	0.00
ventura marsh milk-vetch	*Astragalus pycnostachyus var. lanosissimus*	FE & SE	0.00	0.00	0.00	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
coastal dunes milk-vetch	*Astragalus tener var. titi*	FE & SE	0.00	0.00	0.00	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san jacinto valley crownscale	*Atriplex coronata var. notatior*	FE	6.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
encinitas baccharis	*Baccharis vanessae*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
nevin's barberry	*Berberis nevinii*	FE & SE	0.00	0.00	0.00	4.56	0.00	0.00	0.10	0.00	0.00	0.00	0.00
thread-leaved brodiaea	*Brodiaea filifolia*	FT & SE	8.02	0.00	0.00	4.56	0.00	0.00	0.10	0.00	0.00	0.00	0.00
dunn's mariposa lily	*Calochortus dunnii*	FS	2.84	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
vail lake ceanothus	*Ceanothus ophiochilus*	FT & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
salt marsh bird's-beak	*Chloropyron maritimum ssp. maritimum*	FE & SE	0.00	0.00	0.00	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
orcutt's spineflower	*Chorizanthe orcuttiana*	FE & SE	0.00	0.00	0.00	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
otay tarplant	*Deinandra conjugens*	FT & SE	8.02	0.00	0.00	4.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gaviota tarplant	*Deinandra increscens ssp. Villosa*	FE & SE	6.12	0.00	0.00	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mojave tarplant	*Deinandra mohavensis*	FS & SE	0.00	0.00	0.00	4.31	0.00	0.00	0.10	0.03	0.00	0.00	0.00
cuyamaca larkspur	*Delphinium hesperium ssp. cuyamacae*	FS	2.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mt. laguna aster	*Dieteria asteroides var. lagunensis*	FS	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
beach spectaclepod	*Dithyrea maritima*	FS & ST	0.00	0.00	0.00	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
slender-horned spineflower	*Dodecahema leptoceras*	FE & SE	0.00	0.00	0.00	4.56	0.00	0.00	0.10	0.00	0.00	0.00	0.00
cuyamaca lake downingia	*Downingia concolor var. brevior*	SE	2.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
short-leaved dudleya	*Dudleya brevifolia*	SE	0.00	0.00	0.00	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
laguna beach dudleya	*Dudleya stolonifera*	FT & ST	6.12	0.00	0.00	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
santa ana river woollystar	*Eriastrum densifolium ssp. sanctorum*	FE & SE	0.00	0.00	0.00	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
southern mountain buckwheat	*Eriogonum kennedyi var. austromontanum*	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
san diego button-celery	*Eryngium aristulatum var. parishii*	FE & SE	8.02	0.00	0.00	4.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
mexican flannelbush	*Fremontodendron mexicanum*	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	8.02	0.00	0.00	4.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
orcutt's hazardia	*Hazardia orcuttii*	ST	0.00	0.00	0.00	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
contra costa goldfields	*Lasthenia conjugens*	FE	6.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
parish's meadowfoam	*Limnanthes alba ssp. parishii*	FS & SE	2.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
willowy monardella	*Monardella viminea*	FE & SE	0.00	0.00	0.00	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
spreading navarretia	*Navarretia fossalis*	FT	8.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
dehesa nolina	*Nolina interrata*	FS & SE	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
california orcutt grass	*Orcuttia californica*	FE & SE	8.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
gander's ragwort	*Packera ganderi*	N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00
lyon's pentachaeta	*Pentachaeta lyonii*	FE & SE	6.12	0.00	0.00	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
san diego mesa mint	*Pogogyne abramsii*	FE & SE	6.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
otay mesa mint	*Pogogyne nudiuscula*	FE & SE	6.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
small-leaved rose	*Rosa minutifolia*	SE	0.00	0.00	0.00	4.31	0.00	0.00	0.10	0.00	0.00	0.00	0.00
big-leaved crownbeard	*Verbesina dissita*	FT & ST	0.00	0.00	0.00	3.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 12 – Southern California Mountains and Valleys Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grass	Coastal Oak Woodland	Coastal Scrub	Mixed Chaparral	Urban	Valley Foothill Riparian
		Total:	0.07	0.17	2.89	2.91	9.51	0.71
Amphibians								
california newt	*Taricha torosa*	N/A	0.00	0.17	2.89	2.91	0.00	0.71
ensatina	*Ensatina eschscholtzii*	N/A	0.00	0.17	2.89	2.91	0.00	0.71
western spadefoot	*Spea hammondii*	FS	0.07	0.17	2.89	2.91	0.00	0.00
arroyo toad	*Anaxyrus californicus*	FE	0.00	0.00	0.00	2.91	0.00	0.71
california red-legged frog	*Rana draytonii*	FT	0.07	0.17	2.89	2.91	0.00	0.71
Birds								
great blue heron	*Ardea herodias*	N/A	0.07	0.17	2.89	0.00	9.51	0.71
great egret	*Ardea alba*	N/A	0.07	0.17	0.00	0.00	9.51	0.71
osprey	*Pandion haliaetus*	FS	0.07	0.17	0.00	2.91	0.00	0.71
white-tailed kite	*Elanus leucurus*	FS	0.07	0.17	2.89	2.91	9.51	0.71
bald eagle	*Haliaeetus leucocephalus*	FS & SE	0.07	0.17	2.89	2.91	0.00	0.71
northern harrier	*Circus cyaneus*	N/A	0.07	0.17	2.89	2.91	9.51	0.71
golden eagle	*Aquila chrysaetos*	FS	0.07	0.17	2.89	2.91	9.51	0.71
peregrine falcon	*Falco peregrinus*	FS	0.07	0.17	2.89	2.91	9.51	0.71
california quail	*Callipepla californica*	N/A	0.07	0.17	2.89	2.91	9.51	0.71
burrowing owl	*Athene cunicularia*	FS	0.00	0.00	0.22	0.24	8.44	0.12
long-eared owl	*Asio otus*	N/A	0.07	0.17	0.00	2.91	0.00	0.71
olive-sided flycatcher	*Contopus cooperi*	N/A	0.00	0.00	0.00	0.79	0.00	0.00
purple martin	*Progne subis*	N/A	0.07	0.17	0.00	0.00	9.51	0.71
cactus wren	*Campylorhynchus brunneicapillus*	N/A	0.00	0.00	2.89	2.91	9.51	0.00
san diego cactus wren	*Campylorhynchus brunneicapillus sandiegensis*	FS	0.00	0.00	2.01	0.27	8.28	0.00
bewick's wren	*Thryomanes bewickii*	N/A	0.00	0.17	2.89	2.91	9.51	0.71
marsh wren	*Cistothorus palustris*	N/A	0.00	0.00	0.00	0.00	0.00	0.71
loggerhead shrike	*Lanius ludovicianus*	N/A	0.07	0.17	2.89	2.91	9.51	0.71
hutton's vireo	*Vireo huttoni*	N/A	0.00	0.17	2.89	2.91	9.51	0.71
yellow warbler	*Setophaga petechia*	N/A	0.00	0.17	2.89	2.91	9.51	0.71
common yellowthroat	*Geothlypis trichas*	N/A	0.07	0.00	0.00	0.00	0.00	0.71
yellow-breasted chat	*Icteria virens*	N/A	0.00	0.00	2.89	0.00	0.00	0.71
spotted towhee	*Pipilo maculatus*	N/A	0.00	0.17	2.89	2.91	9.51	0.71
california towhee	*Pipilo crissalis*	N/A	0.00	0.17	2.89	2.91	9.51	0.71
rufous-cowned sparrow	*Aimophila ruficeps*	N/A	0.07	0.00	2.89	2.91	0.00	0.71
vesper sparrow	*Pooecetes gramineus*	N/A	0.07	0.17	0.00	2.91	0.00	0.00
oregon vesper sparrow	*Pooecetes gramineus affinis*	N/A	0.07	0.17	0.00	2.91	0.00	0.00
bell's sparrow	*Artemisiospiza belli*	N/A	0.00	0.00	2.89	2.91	0.00	0.00
savannah sparrow	*Passerculus sandwichensis*	N/A	0.07	0.17	2.89	2.91	0.00	0.71
grasshopper sparrow	*Ammodramus savannarum*	N/A	0.07	0.00	0.00	0.00	0.00	0.00
song sparrow	*Melospiza melodia*	N/A	0.07	0.17	2.89	2.91	9.51	0.71
red-winged blackbird	*Agelaius phoeniceus*	N/A	0.07	0.00	2.89	0.00	9.51	0.71
tricolored blackbird	*Agelaius tricolor*	FS & ST	0.07	0.00	0.00	0.00	9.51	0.71
california gnatcatcher	*Polioptila californica*	FT	0.00	0.17	2.89	2.91	0.00	0.71
Mammals								
ornate shrew	*Sorex ornatus*	N/A	0.07	0.17	2.89	2.91	0.00	0.71
broad-footed mole	*Scapanus latimanus*	N/A	0.07	0.17	2.89	0.00	0.00	0.71
yuma myotis	*Myotis yumanensis*	FS	0.07	0.17	2.89	2.91	9.51	0.71
long-eared myotis	*Myotis evotis*	FS	0.00	0.17	2.89	2.91	0.00	0.71
fringed myotis	*Myotis thysanodes*	FS	0.07	0.17	2.89	2.91	9.51	0.71
small-footed myotis	*Myotis ciliolabrum*	FS	0.07	0.17	2.89	2.91	9.51	0.71
western red bat	*Lasiurus blossevillii*	N/A	0.07	0.17	2.89	2.91	9.51	0.71
western yellow bat	*Lasiurus xanthinus*	N/A	0.00	0.17	0.00	0.00	0.00	0.71

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Common Name	Species Name	Status	Annual Grass	Coastal Oak Woodland	Coastal Scrub	Mixed Chaparral	Urban	Valley Foothill Riparian
spotted bat	*Euderma maculatum*	FS	0.07	0.00	0.00	0.00	1.13	0.00
townsend's big-eared bat	*Corynorhinus townsendii*	FS	0.07	0.17	2.89	2.91	9.51	0.71
pallid bat	*Antrozous pallidus*	FS	0.07	0.17	2.89	2.91	9.51	0.71
pocketed free-tailed bat	*Nyctinomops femorosaccus*	N/A	0.00	0.00	0.00	0.00	9.28	0.00
western mastiff bat	*Eumops perotis*	FS	0.07	0.17	2.89	2.91	9.51	0.71
brush rabbit	*Sylvilagus bachmani*	N/A	0.07	0.17	2.89	2.91	9.51	0.71
black-tailed jackrabbit	*Lepus californicus*	N/A	0.07	0.17	2.89	2.91	9.51	0.71
san diego pocket mouse	*Chaetodipus fallax*	N/A	0.07	0.00	2.89	2.91	0.00	0.00
california pocket mouse	*Chaetodipus californicus*	N/A	0.07	0.17	2.89	2.91	0.00	0.00
stephens' kangaroo rat	*Dipodomys stephensi*	FE & ST	0.07	0.00	2.89	0.00	0.00	0.00
deer mouse	*Peromyscus maniculatus*	N/A	0.07	0.17	2.89	2.91	9.51	0.71
southern grasshopper mouse	*Onychomys torridus*	N/A	0.07	0.00	2.89	2.91	0.00	0.71
desert woodrat	*Neotoma lepida*	N/A	0.00	0.00	2.89	2.91	0.00	0.00
california vole	*Microtus californicus*	N/A	0.07	0.17	2.89	2.91	9.51	0.71
ringtail	*Bassariscus astutus*	N/A	0.07	0.17	2.89	2.91	0.00	0.71
american badger	*Taxidea taxus*	N/A	0.07	0.17	2.89	2.91	0.00	0.71
western spotted skunk	*Spilogale gracilis*	N/A	0.07	0.17	2.89	2.91	9.51	0.71
mountain lion	*Puma concolor*	ST	0.07	0.17	2.89	2.91	0.00	0.71
big-eared woodrat	*Neotoma macrotis*	N/A	0.00	0.17	2.89	2.91	0.00	0.71
Reptiles								
blainville's horned lizard	*Phrynosoma blainvillii*	FS	0.07	0.17	2.89	2.91	0.00	0.71
western skink	*Plestiodon skiltonianus*	N/A	0.07	0.17	2.89	2.91	0.00	0.71
orange-throated whiptail	*Aspidoscelis hyperythra*	FS	0.00	0.17	2.89	2.91	0.00	0.00
california legless lizard	*Anniella pulchra*	FS	0.00	0.17	2.89	2.91	0.00	0.71
ring-necked snake	*Diadophis punctatus*	N/A	0.07	0.17	2.89	2.91	9.51	0.71
coachwhip	*Coluber flagellum*	N/A	0.07	0.17	2.89	2.91	0.00	0.71
striped racer	*Coluber lateralis*	N/A	0.00	0.17	2.89	2.91	0.00	0.71
western patch-nosed snake	*Salvadora hexalepis*	N/A	0.07	0.17	2.89	2.91	0.00	0.71
gophersnake	*Pituophis catenifer*	N/A	0.07	0.17	2.89	2.91	9.51	0.71
california mountain kingsnake	*Lampropeltis zonata*	N/A	0.00	0.00	0.00	0.79	0.00	0.42
california mountain kingsnake (san diego population)	*Lampropeltis zonata pulchra*	FS	0.00	0.17	0.00	2.64	0.00	0.00
common gartersnake	*Thamnophis sirtalis*	N/A	0.07	0.17	2.89	2.91	0.00	0.71
red diamond rattlesnake	*Crotalus ruber*	FS	0.07	0.17	2.89	2.91	0.00	0.71
two-striped gartersnake	*Thamnophis hammondii*	FS	0.07	0.17	2.89	2.91	0.00	0.71
Plants								
san diego thorn-mint	*Acanthomintha ilicifolia*	FT & SE	0.07	0.00	2.89	2.91	0.00	0.00
munz's onion	*Allium munzii*	FE & ST	0.07	0.00	2.89	2.91	0.00	0.00
san diego ambrosia	*Ambrosia pumila*	FE	0.07	0.00	2.89	2.91	0.00	0.00
braunton's milk-vetch	*Astragalus brauntonii*	FE	0.07	0.00	2.89	2.91	0.00	0.00
san jacinto valley crownscale	*Atriplex coronata var. notatior*	FE	0.07	0.00	0.00	0.00	0.00	0.00
encinitas baccharis	*Baccharis vanessae*	FT & SE	0.00	0.00	0.00	2.91	0.00	0.00
nevin's barberry	*Berberis nevinii*	FE & SE	0.00	0.00	2.89	2.91	0.00	0.00
thread-leaved brodiaea	*Brodiaea filifolia*	FT & SE	0.07	0.00	2.89	2.91	0.00	0.00
dunn's mariposa lily	*Calochortus dunnii*	FS	0.00	0.00	0.00	2.91	0.00	0.00
vail lake ceanothus	*Ceanothus ophiochilus*	FT & SE	0.00	0.00	0.00	2.91	0.00	0.00
otay tarplant	*Deinandra conjugens*	FT & SE	0.07	0.00	2.89	0.00	0.00	0.00
gaviota tarplant	*Deinandra increscens ssp. Villosa*	FE & SE	0.07	0.00	0.00	0.00	0.00	0.00
mojave tarplant	*Deinandra mohavensis*	FS & SE	0.00	0.00	2.89	2.91	0.00	0.00
mt. laguna aster	*Dieteria asteroides var. lagunensis*	FS	0.00	0.00	0.00	2.91	0.00	0.00
slender-horned spineflower	*Dodecahema leptoceras*	FE & SE	0.00	0.00	2.89	2.91	0.00	0.00
laguna beach dudleya	*Dudleya stolonifera*	FT & ST	0.07	0.00	0.00	0.00	0.00	0.00
san diego button-celery	*Eryngium aristulatum var. parishii*	FE & SE	0.07	0.00	2.89	0.00	0.00	0.00
mexican flannelbush	*Fremontodendron mexicanum*	FE	0.00	0.00	0.00	2.91	0.00	0.00
roderick's fritillary	*Fritillaria roderickii*	SE	0.07	0.00	2.89	0.00	0.00	0.00

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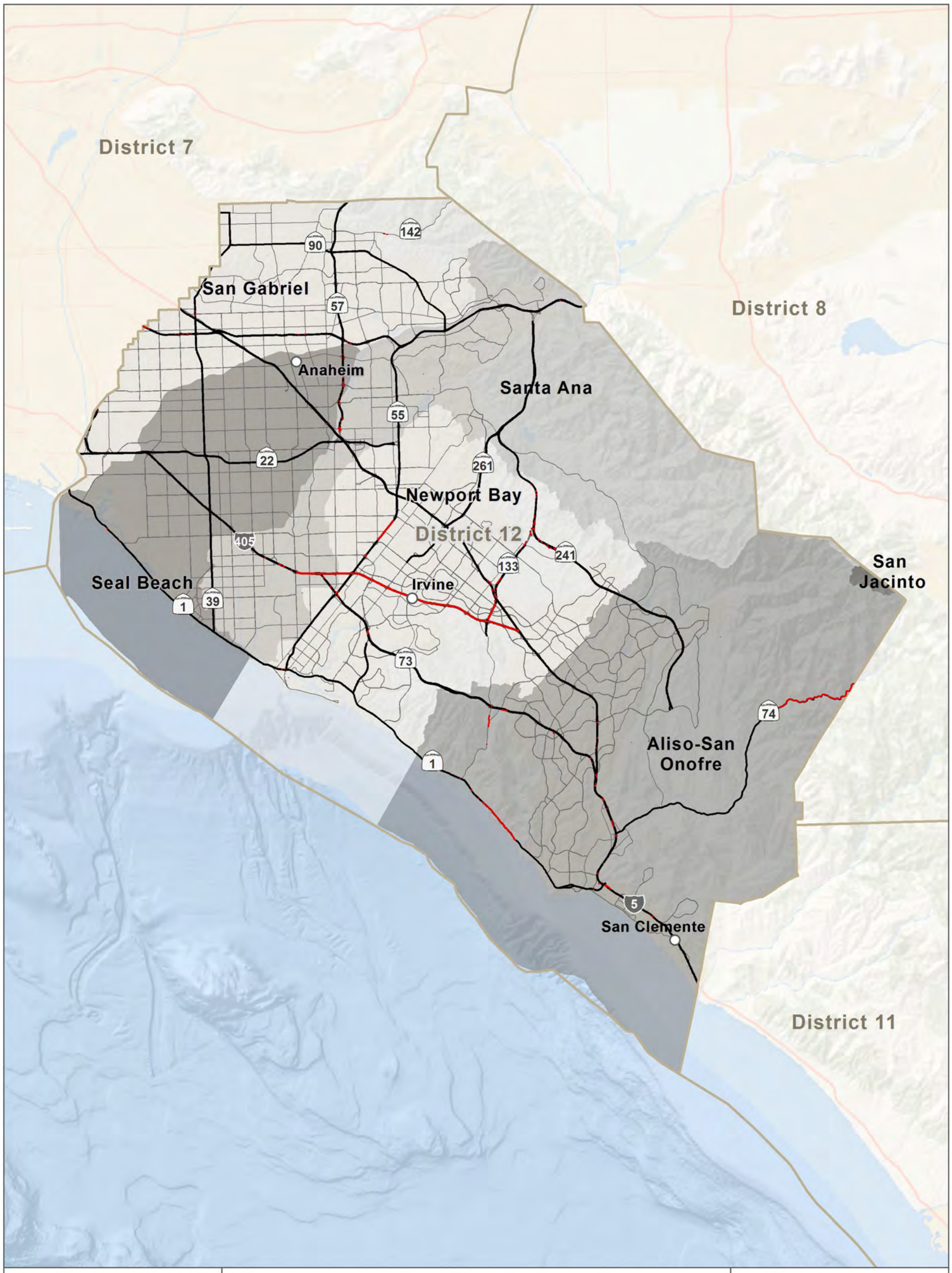
Units are in acres

Common Name	Species Name	Status	Annual Grass	Coastal Oak Woodland	Coastal Scrub	Mixed Chaparral	Urban	Valley Foothill Riparian
contra costa goldfields	*Lasthenia conjugens*	FE	0.07	0.00	0.00	0.00	0.00	0.00
spreading navarretia	*Navarretia fossalis*	FT	0.07	0.00	0.00	0.00	0.00	0.00
dehesa nolina	*Nolina interrata*	FS & SE	0.00	0.00	0.00	2.91	0.00	0.00
california orcutt grass	*Orcuttia californica*	FE & SE	0.07	0.00	0.00	0.00	0.00	0.00
gander's ragwort	*Packera ganderi*	N/A	0.00	0.00	0.00	2.91	0.00	0.00
lyon's pentachaeta	*Pentachaeta lyonii*	FE & SE	0.07	0.00	0.00	0.00	0.00	0.00
san diego mesa mint	*Pogogyne abramsii*	FE & SE	0.07	0.00	0.00	0.00	0.00	0.00
otay mesa mint	*Pogogyne nudiuscula*	FE & SE	0.07	0.00	0.00	0.00	0.00	0.00
small-leaved rose	*Rosa minutifolia*	SE	0.00	0.00	2.89	2.91	0.00	0.00

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Units are in acres

Caltrans District 12 – Hydrologic Units (HUC-8) with Potential Transportation Projects



PATH: \\SAC-SRV01\GIS\PROJECTS\CALTRANS\10235489_CALTRANS_TO4_SAMNA2020\7.2_WORKING\MAP_DOCS\PROCESSING\7_CALTRANSPROJECTS\D12\CALTRANS_HUC_ANSIB_D12.MXD - USER: ROLDEN - DATE: 3/31/2021

Caltrans District 12 – Watershed Impacts to Waters and Fish Species Summary Table

HUC-8 Name			Canal/Ditch	Connector	Inundation Area	Lake/Pond	Reservoir	Stream/River
Common Species Name	**Scientific Species Name**	**Listing Status**						
Aliso-San Onofre			0.01	0.00	0.00	0.04	0.00	2.32
Tidewater goby	*Eucyclogobius newberryi*	FE	0.00	0.00	0.00	0.03	0.00	0.00
Newport Bay			0.35	0.11	0.00	0.00	0.06	0.65
Unarmored threespine stickleback	*Gasterosteus aculeatus williamsoni*	FE & SE	0.00	0.00	0.00	0.00	0.00	0.04
San Gabriel			0.03	0.00	0.30	0.00	0.00	0.00
Mohave tui chub	*Siphateles bicolor mohavensis*	FE & SE	0.03	0.00	0.30	0.00	0.00	0.00
Santa Ana			0.00	0.00	0.00	0.00	0.00	0.00
N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.00

Status Key: FE = federally endangered, FT= federally threatened,
N/A = not applicable, SE = state endangered, ST = state threatened

Units are in acres

Caltrans District 12 – HUC-8 Watershed Impacts by Wetland Type Summary Table

HUC-8 Name	Depressional Seasonal Natural Shrub-Scrub	Depressional Seasonal Unnatural Emergent	Depressional Seasonal Unnatural Shrub-Scrub	Estuarine and Marine Deepwater	Estuarine and Marine Wetland	Estuarine Saline Natural Subtidal Non-vegetated	Freshwater Forested/Shrub Wetland	Freshwater Pond	Riverine
Aliso-San Onofre	0.00	0.00	0.00	0.07	0.10	0.00	1.10	0.00	0.09
Newport Bay	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.72
San Gabriel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.06
Santa Ana	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Units are in acres

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