

APPENDIX A

District 1

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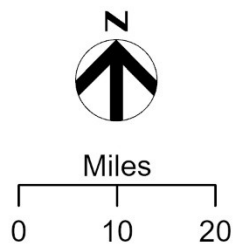
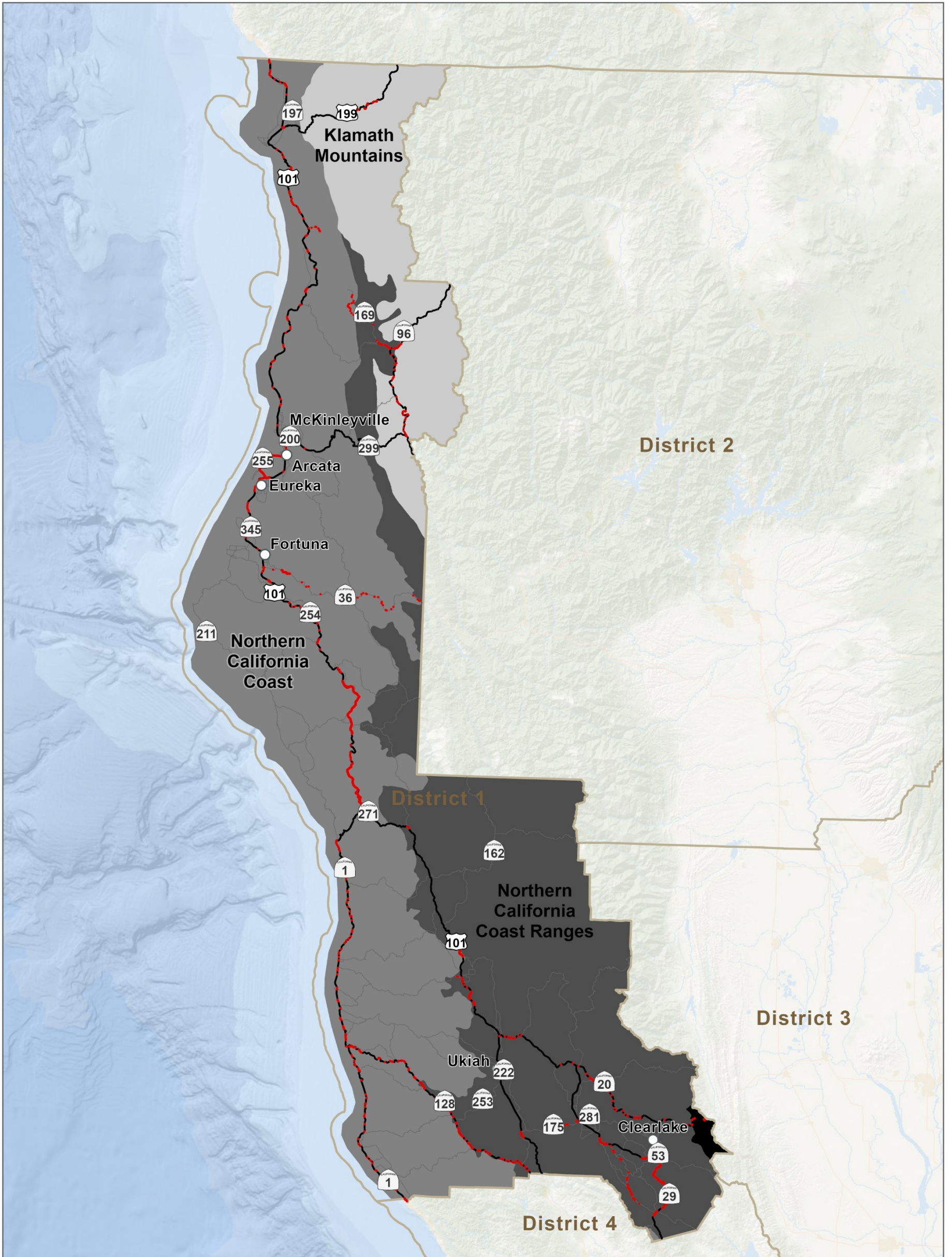
Caltrans District 1 - Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC 8	Footprint in HUC8 (Acres)
9133	MEN	1	43.3	44.2	Bridge - Health	2026/27	Northern California Coast	3.03	Big-Navarro-Garcia	3.03
17257	MEN	1	6.4	9.5	Reactive Safety	2023/24	Northern California Coast	4.77	Big-Navarro-Garcia	4.77
18757	HUM	101	M53.9	M53.9	Bridge	2024/25	Northern California Coast	2.46	Lower Eel	2.46
18823	HUM	101	70.3	71	Bridge	2030/31	Northern California Coast	0.05	Mad-Redwood	0.05
18826	HUM	169	15.1	33.8	Drainage	2023/24	Northern California Coast	0.78	Lower Klamath	1.86
							Northern California Coast Ranges	1.08		
19295	HUM	101	2.4	M53.9	Sustainability/Climate Change	2023/24	Northern California Coast	5.16	Lower Eel	1.91
									South Fork Eel	3.25
19296	HUM	101	56.6	R137.1	Drainage	2024/25	Northern California Coast	6.12	Lower Eel	1.26
									Lower Klamath	0.59
									Mad-Redwood	4.27
									Chetco	0.48
20248	DEL	101	42.54	46.49	Bicycle and Pedestrian Infrastructure	2030/31	Northern California Coast	0.70	Smith	0.22
20250	MEN	101	T91.3	T106.8	Pavement	2025/26	Northern California Coast	50.98	South Fork Eel	50.98
20270	MEN	1	0	105.5	Drainage	2029/30	Northern California Coast	7.90	Big-Navarro-Garcia	7.82
									Gualala-Salmon	0.06
									South Fork Eel	0.02
20275	DEL	101	M0.0	46.492	Drainage	2027/28	Northern California Coast	1.83	Chetco	0.20
									Lower Klamath	0.16
									Smith	1.47
									Upper Cache	34.52
20277	LAK	29	11.9	23.6	Pavement	2025/26	Northern California Coast Ranges	42.90	Upper Putah	8.38
20286	HUM	36	0	45.5	Drainage	2028/29	Northern California Coast	1.95	Lower Eel	1.95
21085	LAK	254	0.8	21	Drainage	2023/24	Northern California Coast	1.00	South Fork Eel	1.00
21406	LAK	36	3.9	6	Reactive Safety	2023/24	Northern California Coast	20.24	Lower Eel	20.24
21782	HUM	101	125.2	R126.09	Reactive Safety	2024/25	Northern California Coast	3.21	Mad-Redwood	3.21
21799	MEN	101	39.8	40.4	Reactive Safety	2025/26	Northern California Coast Ranges	6.94	Russian	6.94
22124	MEN	128	0	50.5	Drainage	2027/28	Northern California Coast	2.71	Big-Navarro-Garcia	2.71
							Northern California Coast Ranges	4.30		
							Russian	1.01		
22253	MEN	101	41.3	R43.3	Reactive Safety	2023/24	Northern California Coast Ranges	6.67	Upper Eel	6.67
22373	DEL	199	24.1	24.3	Reactive Safety	2023/24	Klamath Mountains	2.13	Smith	2.13
22659	MEN	101	50.7	52.2	Reactive Safety	2024/25	Northern California Coast	11.26	Upper Eel	13.91
							Northern California Coast Ranges	2.65		
22702	DEL	101	15.6	16.2	Reactive Safety	2024/25	Northern California Coast	5.87	Smith	5.87
22718	MEN	101	R9.5	10.8	Reactive Safety	2025/26	Northern California Coast Ranges	12.62	Russian	12.62
22719	HUM	101	1.1	2.2	Mobility - Operational Improvements	2023/24	Northern California Coast	0.18	South Fork Eel	0.18
22813	LAK	29	17.6	18	Reactive Safety	2025/26	Northern California Coast Ranges	1.46	Upper Cache	1.46
22944	DEL	101	39.2	39.6	Reactive Safety	2025/26	Northern California Coast	1.97	Smith	1.97
23065	HUM	101	R10.269	23.89	Pavement	2028/29	Northern California Coast	54.97	South Fork Eel	54.97
23138	HUM	101	1.61	1.61	Drainage	2030/31	Northern California Coast	0.08	South Fork Eel	0.08
23144	LAK	20	0	R43.5	Drainage	2032/33	Northern California Coast Ranges	2.09	Upper Cache	2.52
							Northern California Interior Coast Ranges	0.43		
23199	LAK	29	5	5.9	Reactive Safety	2026/27	Northern California Coast Ranges	4.47	Upper Putah	4.47
23265	LAK	20	8.3	29.54	Bicycle and Pedestrian Infrastructure	2030/31	Northern California Coast Ranges	0.52	Upper Cache	0.52
23327	DEL	199	T0.78R	T0.8	Reactive Safety	2025/26	Northern California Coast	5.91	Smith	5.91

Caltrans District 1 - 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 HUC8 (Acres)
23347	DEL	101	18.4	19.3	Reactive Safety	2026/27	Northern California Coast	8.35	Smith	8.35
23457	LAK	20	R43.9	R44.2	Reactive Safety	2026/27	Northern California Interior Coast Ranges	3.14	Upper Cache	3.14
23504	LAK	29	7.4	8.9	Reactive Safety	2027/28	Northern California Coast Ranges	15.49	Upper Putah	15.49
23642	LAK	29	31.4	33.7	Reactive Safety	2027/28	Northern California Coast Ranges	9.02	Upper Cache	9.02
23673	DEL	101	39.6	39.9	Reactive Safety	2026/27	Northern California Coast	1.13	Smith	1.13
23735	HUM	101	79.5R	80.2	Bridge	2028/29	Northern California Coast	4.33	Mad-Redwood	4.33
23796	HUM	101	0.9	0.9	Drainage	2025/26	Northern California Coast	0.05	South Fork Eel	0.05
23827	MEN	1	42.4	43.3	Bridge - Health	2029/30	Northern California Coast	2.02	Big-Navarro-Garcia	2.02
23836	HUM	101	68.1	R90.1	Pavement	2031/32	Northern California Coast	2.63	Mad-Redwood	2.63
23837	HUM	101	R39.2	R46.001	Pavement	2032/33	Northern California Coast	0.11	Lower Eel	0.11
23844	MEN	20	R33.158	R38.216	Pavement	2032/33	Northern California Coast Ranges	2.71	Russian	1.52
									Upper Eel	1.18
23845	MEN	1	22.73	22.73	Bridge	2031/32	Northern California Coast	1.00	Big-Navarro-Garcia	1.00
24011	HUM	96	16.87	26	Pavement	2030/31	Klamath Mountains	0.66	Lower Klamath	0.54
									Trinity	0.11
							Northern California Coast Ranges	0.96	Lower Klamath	0.72
									Trinity	0.25
24012	HUM	96	0	7.8	Drainage	2031/32	Klamath Mountains	2.35	Trinity	2.35
24013	LAK	175	0	28.038	Drainage	2030/31	Northern California Coast Ranges	2.39	Upper Cache	1.30
									Upper Putah	1.09
24066	MEN	1	1	1	Proactive Safety	2025/26	Northern California Coast	1.40	Gualala-Salmon	1.40
24089	MEN	1	59.8	62.1	Mobility - ADA	2024/25	Northern California Coast	0.02	Big-Navarro-Garcia	0.02
24159	DEL	197	20.5	4.5	Mobility - Operational Improvements	2024/25	Klamath Mountains	5.48	Smith	7.83
							Northern California Coast	2.35		
24232	HUM	255	0	8.803	Bicycle and Pedestrian Infrastructure	2032/33	Northern California Coast	85.78	Mad-Redwood	85.78
24278	HUM	101	81.17	R2.97	Drainage	2032/33	Northern California Coast	0.86	Mad-Redwood	0.86
							Northern California Coast Ranges	0.08	South Fork Eel	0.08
24320	HUM	299	R4.0	R5.7	Bicycle and Pedestrian Infrastructure	2031/32	Northern California Coast	0.06	Mad-Redwood	0.06
24865	DEL	101	R0.0	3.521	Drainage	2032/33	Northern California Coast	1.52	Lower Klamath	1.06
									Smith	0.46
24961	MEN	101	80.74	80.74	Drainage	2029/30	Northern California Coast Ranges	0.09	South Fork Eel	0.09
25019	MEN	128	19.5	20.4	Reactive Safety	2028/29	Northern California Coast Ranges	3.40	Big-Navarro-Garcia	3.40
25205	HUM	96	7.8	16.3	Drainage	2031/32	Klamath Mountains	0.52	Trinity	0.52

Caltrans District 1 - Ecoregion Sections with Potential Transportation Projects



- City
- Highway
- Major Road
- District 1 Transportation Project
- Caltrans District

ECOREGION SECTIONS WITH POTENTIAL TRANSPORTATION PROJECTS FOR CALTRANS DISTRICT 1

Ecoregion Section Impact by Species

Special Status Species Acronym Key

District 1

FE = Federally Endangered

FT = Federally Threatened

SE = State Endangered

ST = State Threatened

FCT = Federal Candidate Threatened

FCE = Federal Candidate Endangered

SCT = State Candidate Threatened

SCE = State Candidate Endangered

SFP = State Fully Protected Species

SSC = State Species of Concern

SR = State Rare Species

FS = Federal Sensitive Species (includes USFS sensitive and/or BLM Sensitive)

SFS = State Fire Sensitive

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District 1 Klamath Mountains Ecoregion Section Impact by Species Summary Table

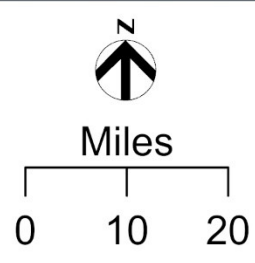
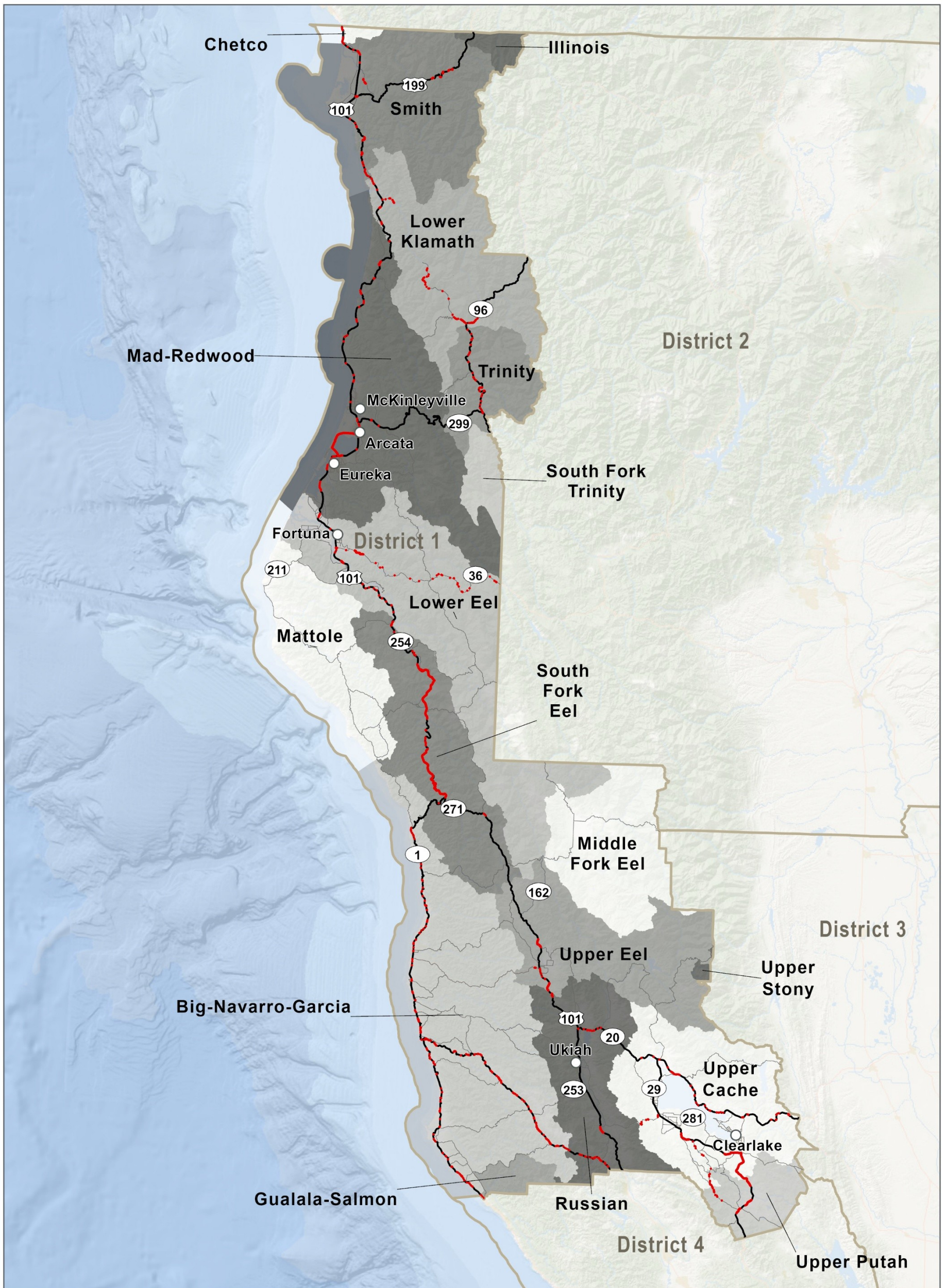
Common Name	Species Name	Status	Annual Grassland	Barren	Coastal Oak Woodland	Douglas-Fir	Klamath Mixed Conifer	Mixed Chaparral	Montane Hardwood-Conifer	Montane Riparian	Perennial Grassland	Riverine	
Total:			0.06	0.01	0.00	3.69	1.40	0.00	2.21	0.67	0.29	0.37	
Amphibians													
Coastal Tailed Frog	<i>Ascaphus truei</i>	SSC	0.00	0.00	0.00	3.69	1.40	0.00	0.00	0.67	0.29	0.00	0.37
Foothill Yellow Legged Frog - North Coast DPS	<i>Rana boylei</i>	SSC, FS	0.06	0.00	0.00	3.69	1.40	0.00	2.21	0.67	0.29	0.00	0.37
Northern Red-Legged Frog	<i>Rana aurora</i>	FS,SSC	0.00	0.00	0.00	3.28	1.40	0.00	1.58	0.07	0.00	0.13	0.37
Southern Torrent Salamander	<i>Rhyacotriton variegatus</i>	FS,SSC	0.00	0.00	0.00	3.69	1.40	0.00	0.00	0.67	0.29	0.00	0.37
Birds													
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	SFS	0.06	0.01	0.00	3.69	1.40	0.00	2.21	0.67	0.29	0.13	0.37
California Condor	<i>Gymnogyps californianus</i>	FE,SE,SFP,SFS	0.06	0.00	0.00	0.00	0.00	0.00	0.63	0.60	0.00	0.00	0.00
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	0.06	0.01	0.00	3.69	1.40	0.00	2.21	0.67	0.29	0.13	0.00
Little Willow Flycatcher	<i>Empidonax traillii brewsteri</i>	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00
Long-Eared Owl	<i>Asio otus</i>	SSC	0.06	0.00	0.00	0.00	1.40	0.00	2.21	0.67	0.29	0.13	0.00
Northern Goshawk	<i>Accipiter gentilis</i>	FS,SSC,SFS	0.00	0.00	0.00	3.69	1.40	0.00	2.21	0.67	0.29	0.00	0.00
Northern Spotted Owl	<i>Strix occidentalis caurina</i>	FT,SFS,ST	0.00	0.00	0.00	3.69	1.40	0.00	2.21	0.67	0.29	0.00	0.00
Olive-Sided Flycatcher	<i>Contopus cooperi</i>	SSC	0.00	0.00	0.00	3.69	1.40	0.00	2.21	0.67	0.29	0.00	0.00
Purple Martin	<i>Progne subis</i>	SSC	0.06	0.00	0.00	3.69	1.40	0.00	2.21	0.67	0.29	0.13	0.37
Vaux's Swift	<i>Chaetura vauxi</i>	SSC	0.00	0.00	0.00	3.69	1.40	0.00	2.21	0.67	0.29	0.13	0.37
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	0.00	3.69	1.40	0.00	2.21	0.67	0.29	0.00	0.00
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00
Mammals													
American Badger	<i>Taxidea taxus</i>	SSC	0.06	0.01	0.00	3.69	1.40	0.00	2.21	0.67	0.29	0.13	0.00
Fisher	<i>Pekania pennanti</i>	FS,SSC	0.00	0.00	0.00	3.69	1.40	0.00	0.00	0.67	0.29	0.00	0.00
Humboldt Marten	<i>Martes caurina humboldtensis</i>	FS,FT,SE,SSC	0.00	0.01	0.00	3.69	1.40	0.00	0.00	0.67	0.29	0.13	0.00
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.06	0.01	0.00	3.69	0.00	0.00	2.21	0.67	0.29	0.13	0.37
Sonoma Tree Vole	<i>Arborimus pomo</i>	SSC	0.00	0.00	0.00	3.69	1.40	0.00	0.00	0.67	0.00	0.00	0.00
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.06	0.01	0.00	3.69	1.40	0.00	2.21	0.67	0.29	0.13	0.37
Reptiles													
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	0.06	0.00	0.00	0.00	1.40	0.00	2.21	0.67	0.29	0.13	0.37
Invertebrates													
Franklin's Bumble Bee	<i>Bombus franklini</i>	FE,SCE	0.00	0.01	0.00	3.28	1.40	0.00	1.58	0.07	0.00	0.13	0.37
Suckley's Cuckoo Bumble Bee	<i>Bombus suckleyi</i>	FCE,SCE	0.06	0.01	0.00	3.69	1.40	0.00	2.21	0.67	0.29	0.13	0.37
Plants													
Ashland Thistle	<i>Cirsium ciliolatum</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	1.64	0.00	0.00	0.00	0.00
Baker's Manzanita	<i>Arctostaphylos bakeri ssp. bakeri</i>	SR	0.00	0.00	0.00	0.19	0.00	0.00	0.56	0.51	0.00	0.00	0.00
Baker's Meadowfoam	<i>Limnanthes bakeri</i>	FS,SR	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bensoniella	<i>Bensoniella oregona</i>	FS,SR	0.00	0.00	0.00	0.00	1.40	0.00	0.00	0.67	0.00	0.00	0.00
Humboldt County Milk-Vetch	<i>Astragalus agnicidus</i>	FS,SE	0.00	0.00	0.00	0.19	0.00	0.00	0.56	0.51	0.00	0.00	0.00
Indian Valley Brodiaea	<i>Brodiaea rosea</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	1.64	0.00	0.00	0.00	0.00
Kelloq's Buckwheat	<i>Eriogonum kelloqii</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.00
Lassics Lupine	<i>Lupinus constancei</i>	FE,FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.00
Leafy Reed Grass	<i>Calamagrostis foliosa</i>	SR	0.00	0.00	0.00	3.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Milo Baker's Lupine	<i>Lupinus milobakeri</i>	SE	0.06	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	0.00	0.00
North Coast Semaphore Grass	<i>Pleuropogon hooverianus</i>	FS,ST	0.00	0.00	0.00	0.19	0.00	0.00	0.56	0.51	0.00	0.00	0.00
Red Mountain Catchfly	<i>Silene greenii ssp. angustifolia</i>	FS,SE	0.00	0.00	0.00	0.00	1.40	0.00	0.00	0.67	0.00	0.00	0.00
Roderick's Fritillary	<i>Fritillaria roderickii</i>	SE	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Shasta Snow-Wreath	<i>Neviusia cliffonii</i>	FS,ST	0.00	0.00	0.00	0.00	1.40	0.00	1.64	0.16	0.00	0.00	0.00
Siskiyou Mariposa Lily	<i>Calochortus persistens</i>	FS,SR	0.00	0.00	0.00	3.51	1.40	0.00	0.00	0.16	0.00	0.00	0.00
Tracy's Eriastrum	<i>Eriastrum tracyi</i>	FS,SR	0.00	0.00	0.00	0.00	0.00	0.00	1.64	0.00	0.00	0.00	0.00

Common Name	Species Name	Status	Annual Grassland	Barren	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Douglas-Fir	Eucalyptus	Montane Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Pasture	Perennial Grassland	Redwood	Saline Emergent Wetland	Valley Foothill Riparian	Wet Meadow
Total:			36.45	152.24	4.37	0.49	0.70	5.60	0.00	0.00	4.27	7.22	8.43	12.59	0.35	18.57	3.60	0.06	0.03
Amphibians																			
California Giant Salamander	<i>Dicamptodon ensatus</i>	SSC	0.00	0.00	2.25	0.00	0.06	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 Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	1.57	0.00	2.25	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00
Coastal Tailed Frog	<i>Ascophus truei</i>	SSC	0.00	0.00	0.00	0.00	0.85	5.60	0.00	0.00	0.00	0.00	7.21	8.43	0.00	0.00	18.55	0.00	0.00
Foothill Yellow Legged Frog - North Coast DPS	<i>Rana boylei</i>	SSC, SFS	36.45	0.00	4.37	0.49	0.70	5.60	0.00	0.00	4.27	7.22	8.43	0.00	0.00	18.57	0.00	0.06	0.03
Northern Red-Legged Frog	<i>Rana aurora</i>	FSS, SFS	34.11	0.00	2.12	0.49	0.56	3.23	0.00	0.00	4.03	6.95	8.04	0.00	0.35	18.02	0.00	0.00	0.03
Red-Bellied Newt	<i>Taricha rivularis</i>	SSC	0.00	0.00	0.00	0.00	0.00	3.40	0.00	0.00	2.37	0.98	0.54	0.00	0.00	2.67	0.00	0.06	0.00
Southern Torrent Salamander	<i>Rhyacotriton variegatus</i>	FS,SSC	0.00	0.00	0.00	0.00	0.00	3.25	0.00	0.00	0.00	6.97	8.43	0.00	0.00	18.57	0.00	0.00	0.00
Birds																			
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	SFS	36.45	152.24	4.37	0.49	0.70	5.60	0.00	0.00	4.27	7.22	8.43	0.00	0.35	18.57	3.54	0.06	0.03
Bald Eagle	<i>Haliaeetus leucocephalus</i>	FS,SE,SFP,SFS	0.00	0.00	0.00	0.00	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
Bank Swallow	<i>Riparia riparia</i>	FS,ST	0.24	3.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00	0.00
Black Storm-Petrel	<i>Hydrobates melania</i>	SSC	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	0.00	0.00	0.00
Brant	<i>Branta bernicla</i>	SSC	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	0.00	0.06	0.00
Bryant's Savannah Sparrow	<i>Passerculus sandwichensis alaudinus</i>	SSC	35.99	0.00	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	12.59	0.35	0.00	3.54	0.06	0.03
California Condor	<i>Gymnogyps californianus</i>	FE,SE,SFP,SFS	0.04	2.68	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fork-Tailed Storm-Petrel	<i>Hydrobates furcatus</i>	FS,SSC	0.00	0.01	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	0.00
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	7.12	112.80	0.00	0.49	0.19	5.29	0.00	0.00	4.03	3.36	0.66	0.08	0.00	7.84	0.00	0.06	0.00
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	36.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.03
Little Willow Flycatcher	<i>Empidonax traillii brewsteri</i>	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	0.00	0.00	0.03
Long-Headed Shrike	<i>Lanius ludovicianus</i>	SSC	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Long-Eared Owl	<i>Asio otus</i>	SSC	8.28	0.00	0.00	0.49	0.00	0.00	0.00	0.00	4.15	4.34	0.88	2.96	0.35	0.00	0.00	0.06	0.00
Mountain Plover	<i>Anathynchus montanus</i>	FS,SSC	1.81	0.31	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	0.00
Northern Goshawk	<i>Accipiter gentilis</i>	FS,SSC,SFS	0.00	0.00	0.00	0.49	0.00	5.60	0.00	0.00	4.05	3.35	0.11	0.00	0.00	4.10	0.00	0.00	0.00
Northern Harrier	<i>Circus hudsonius</i>	SSC	33.92	50.75	4.37	0.00	0.65	0.69	0.00	0.00	0.38	4.01	8.31	0.00	0.35	11.67	3.54	0.06	0.03
Northern Spotted Owl	<i>Strix occidentalis caurina</i>	FT,SFS,ST	0.00	0.00	0.00	0.49	0.00	5.60	0.00	0.00	4.27	5.60	3.21	0.00	0.00	17.93	0.00	0.06	0.00
Olive-Sided Flycatcher	<i>Contopus cooperi</i>	SSC	0.00	0.00	0.00	0.00	0.00	5.60	0.00	0.00	4.27	7.22	8.43	0.00	0.00	18.57	0.00	0.00	0.00
Purple Martin	<i>Progne subis</i>	SSC	36.45	0.00	4.37	0.49	0.00	5.60	0.00	0.00	4.27	7.22	8.43	0.00	0.35	18.57	0.00	0.06	0.03
Short-Eared Owl	<i>Asio flammeus</i>	SSC	28.90	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.00	2.46	5.25	0.00	0.35	1.92	3.54	0.00	0.00
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	1.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00
Vaux's Swift	<i>Chaetura vauxi</i>	SSC	0.00	0.00	4.37	0.49	0.00	5.60	0.00	0.00	4.27	7.22	8.43	0.00	0.35	18.57	0.00	0.06	0.03
Western Snowy Plover	<i>Anathynchus nivosus nivosus</i>	FT,SSC	0.00	13.60	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	0.00
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	36.45	152.24	0.00	0.49	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	18.57	3.54	0.06	0.03
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.43	0.00	0.00	0.00	0.00	0.06	0.03
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	4.37	0.49	0.70	5.60	0.00	0.00	4.27	7.22	8.43	0.00	0.00	18.57	0.00	0.06	0.00
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.00	8.43	0.00	0.00	0.00	0.00	0.06	0.00
Mammals																			
American Badger	<i>Taxidea taxus</i>	SSC	35.88	136.39	4.37	0.49	0.48	5.29	0.00	0.00	4.03	5.63	5.74	12.51	0.35	9.11	0.00	0.06	0.00
Fisher	<i>Pekania pennanti</i>	FT,SSC	0.00	0.00	0.00	0.00	0.00	5.60	0.00	0.00	0.00	7.22	8.43	0.00	0.00	18.57	0.00	0.00	0.00
Humboldt Marten	<i>Martes caurina humboldtensis</i>	FS,FT,SE,SSC	0.00	150.49	0.00	0.00	0.00	5.60	0.00	0.00	0.00	7.22	8.25	12.59	0.35	0.00	0.00	0.00	0.03
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	36.45	152.24	0.00	0.49	0.70	5.60	0.00	0.00	4.27	7.22	8.43	12.59	0.35	18.57	0.00	0.06	0.03
Point Arena Mountain Beaver	<i>Aplodontia rufa nigra</i>	FE,SSC	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sonoma Tree Vole	<i>Arbormus pomo</i>	SSC	0.00	0.00	0.00	0.00	0.00	5.60	0.00	0.00	0.00	7.22	0.00	0.00	0.00	18.57	0.00	0.00	0.00
Townsend's Big-Eared Bat	<i>Corymorhinus townsendii</i>	FS,SSC	36.45	152.24	0.00	0.49	0.70	5.60	0.00	0.00	4.27	7.22	8.43	12.59	0.35	18.57	0.00	0.06	0.03
Western Red Bat	<i>Lasiurus frontalis</i>	SSC	4.92	0.00	0.00	0.00	0.15	2.35	0.00	0.00	0.13	0.28	0.54	0.08	0.00	0.97	0.00	0.06	0.00
White-Footed Vole	<i>Arbormus albipes</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	7.77	0.00	0.00	10.77	0.00	0.00	0.00
Reptiles																			
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	36.45	0.00	4.37	0.49	0.70	0.00	0.00	0.00	4.27	7.22	8.43	12.59	0.35	18.57	0.00	0.06	0.03
Invertebrates																			
Behren's Silverspot Butterfly	<i>Speyeria zerebe behrensi</i>	FE	4.06	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	0.00	0.00
Oregon Silverspot Butterfly	<i>Speyeria zerebe hippolyta</i>	FT	0.00	0.13	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	0.00
Plants																			
Ashland Thistle	<i>Cirsium ciliolatum</i>	FS,SE	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Baker's Manzanita	<i>Arctostaphylos bakeri ssp. bakeri</i>	SR	0.00	0.00	0.00	0.49	0.04	5.49	0.00	0.00	4.15	4.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Baker's Meadowfoam	<i>Limnanthes bakeri</i>	FS,SR	4.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Beach Lava	<i>Lavisa carmota</i>	FT,SE	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bensonella	<i>Bensonella orqona</i>	FS,SR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Burke's Goldfields	<i>Lasthenia burkei</i>	FE,SE	5.83	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	0.00	0.00
Cedars Manzanita	<i>Arctostaphylos bakeri ssp. sublaevis</i>	FS,SR	0.00	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	0.00	0.00	0.00
Contra Costa Goldfields	<i>Lasthenia conjugens</i>	FE	5.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Humboldt County Milk-Vetch	<i>Astragalus agnicidus</i>	FS,SE	0.00	0.00	0.00	0.49	0.00	5.49	0.00	0.00	4.15	4.52	0.00	0.00	0.00	9.16	0.00	0.00	0

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

Common Name	Species Name	Status	Annual Grassland	Blue Oak Woodland	Chamise-Redshank Chaparral	Mixed Chaparral	Montane Hardwood
		Total:	1.37	1.49	0.17	0.34	0.20
Amphibians							
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	1.37	1.49	0.00	0.34	0.20
Foothill Yellow Legged Frog - North Coast DPS	<i>Rana boylei</i>	SSC, FS	1.37	1.49	0.17	0.34	0.20
Birds							
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	1.37	1.49	0.17	0.34	0.20
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	1.37	0.00	0.00	0.00	0.00
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	1.37	1.49	0.17	0.34	0.20
Northern Harrier	<i>Circus hudsonius</i>	SSC	1.37	1.49	0.17	0.34	0.20
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	1.37	0.00	0.00	0.00	0.00
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	1.37	1.49	0.17	0.34	0.00
Mammals							
American Badger	<i>Taxidea taxus</i>	SSC	1.37	1.49	0.17	0.34	0.20
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	1.37	1.49	0.17	0.34	0.20
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	1.37	1.49	0.17	0.34	0.20
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	1.37	1.49	0.17	0.34	0.20
Reptiles							
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	1.37	1.49	0.17	0.34	0.20
Plants							
Boggs Lake Hedge-Hyssop	<i>Gratiola heterosepala</i>	FS,SE	1.37	0.00	0.00	0.00	0.00
Geysers Panicum	<i>Panicum acuminatum var. thermale</i>	FS,SE	1.37	0.00	0.00	0.00	0.00
Indian Valley Brodiaea	<i>Brodiaea rosea</i>	FS,SE	1.37	1.49	0.17	0.34	0.20
Lake County Western Flax	<i>Hesperolinon didymocarpum</i>	FS,SE	1.37	1.49	0.17	0.34	0.20
North Coast Semaphore Grass	<i>Pleuropogon hooverianus</i>	FS,ST	0.00	1.49	0.00	0.34	0.20
Red Mountain Catchfly	<i>Silene greenei ssp. angustifolia</i>	FS,SE	0.00	0.00	0.17	0.34	0.00
Roderick's Fritillary	<i>Fritillaria roderickii</i>	SE	1.37	0.00	0.00	0.00	0.00
Tracy's Eriastrum	<i>Eriastrum tracyi</i>	FS,SR	1.37	1.49	0.17	0.34	0.20

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



- City
- Highway
- Major Road

- █ District 1 Transportation Project
- CalTrans District

**HYDROLOGIC UNITS (HUC8)
WITH POTENTIAL
TRANSPORTATION
PROJECTS FOR
CALTRANS DISTRICT 1**

District 1 Watershed Impacts to Riparian, Waters, Wetlands, and Fish Species Summary Table

HUC 8 Name			Riparian	Water	Wetlands
Common Species Name	Scientific Species Name	Listing Status			
Big-Navarro-Garcia			6.57	0.97	0.06
Chinook Salmon - California Coastal ESU	<i>Oncorhynchus tshawytscha pop. 17</i>	FT,SSC		0.36	0.00
Coho Salmon - Central California Coast ESU	<i>Oncorhynchus kisutch pop. 4</i>	FE,SE		0.84	0.02
Steelhead - Northern California DPS Winter-Run	<i>Oncorhynchus mykiss irideus pop. 49</i>	FT,SSC		0.87	0.02
Steelhead Northern California DPS	<i>Oncorhynchus mykiss irideus</i>	FT, SSC		0.87	0.02
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.56	0.00
Chetco			0.00	0.04	0.00
N/A	N/A	N/A		0.00	0.00
Gualala-Salmon			0.15	0.00	0.00
N/A	N/A	N/A		0.00	0.00
Lower Eel			4.98	0.40	0.00
Chinook Salmon - California Coastal ESU	<i>Oncorhynchus tshawytscha pop. 17</i>	FT,SSC		0.39	0.00
Chinook Salmon - Southern Oregon/Northern California Coastal	<i>Oncorhynchus tshawytscha pop. 14</i>	SSC		0.39	0.00
Steelhead - Northern California DPS Summer-Run	<i>Oncorhynchus mykiss irideus pop. 48</i>	FT,SE		0.40	0.00
Steelhead - Northern California DPS Winter-Run	<i>Oncorhynchus mykiss irideus pop. 49</i>	FT,SSC		0.40	0.00
Steelhead Northern California DPS	<i>Oncorhynchus mykiss irideus</i>	FT, SSC		0.40	0.00
Steelhead Summer	<i>Oncorhynchus mykiss irideus</i>	None		0.39	0.00
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.04	0.00
Lower Klamath			1.71	0.07	0.02
Chinook Salmon - Southern Oregon/Northern California Coastal	<i>Oncorhynchus tshawytscha pop. 14</i>	SSC		0.07	0.00
Chinook Salmon - Upper Klamath And Trinity Rivers ESU	<i>Oncorhynchus tshawytscha pop. 30</i>	FS,SSC,ST		0.07	0.00
Steelhead Summer	<i>Oncorhynchus mykiss irideus</i>	None		0.07	0.00
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.05	0.00
Mad-Redwood			10.28	11.49	5.74
Chinook Salmon - California Coastal ESU	<i>Oncorhynchus tshawytscha pop. 17</i>	FT,SSC		11.44	4.77
Chinook Salmon - Southern Oregon/Northern California Coastal	<i>Oncorhynchus tshawytscha pop. 14</i>	SSC		11.44	4.77
Green Sturgeon - Southern DPS	<i>Acipenser medirostris pop. 1</i>	FT,SSC		11.23	1.12
Longfin Smelt	<i>Spirinchus thaleichthys</i>	ST		11.23	1.12
Steelhead - Northern California DPS Summer-Run	<i>Oncorhynchus mykiss irideus pop. 48</i>	FT,SE		0.02	0.00
Steelhead - Northern California DPS Winter-Run	<i>Oncorhynchus mykiss irideus pop. 49</i>	FT,SSC		11.41	4.77
Steelhead Northern California DPS	<i>Oncorhynchus mykiss irideus</i>	FT, SSC		11.44	4.77
Steelhead Summer	<i>Oncorhynchus mykiss irideus</i>	None		0.02	0.00
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		11.44	4.77
Russian			1.15	0.17	0.00
Chinook Salmon - California Coastal ESU	<i>Oncorhynchus tshawytscha pop. 17</i>	FT,SSC		0.12	0.00
Steelhead - Central California Coast DPS	<i>Oncorhynchus mykiss irideus pop. 8</i>	FT,SSC		0.05	0.00
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.12	0.00
Smith			14.15	0.79	0.00
Chinook Salmon - Southern Oregon/Northern California Coastal	<i>Oncorhynchus tshawytscha pop. 14</i>	SSC		0.65	0.00
Steelhead Summer	<i>Oncorhynchus mykiss irideus</i>	None		0.14	0.00
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.61	0.00
South Fork Eel			16.59	1.41	0.00
Chinook Salmon - California Coastal ESU	<i>Oncorhynchus tshawytscha pop. 17</i>	FT,SSC		1.41	0.00

District 1 Watershed Impacts to Riparian, Waters, Wetlands, and Fish Species Summary Table

HUC 8 Name			Riparian	Water	Wetlands
Common Species Name	Scientific Species Name	Listing Status			
Chinook Salmon - Southern Oregon/Northern California Coastal	<i>Oncorhynchus tshawytscha</i> pop. 14	SSC		1.41	0.00
Steelhead - Northern California DPS Summer-Run	<i>Oncorhynchus mykiss irideus</i> pop. 48	FT,SE		1.41	0.00
Steelhead - Northern California DPS Winter-Run	<i>Oncorhynchus mykiss irideus</i> pop. 49	FT,SSC		1.41	0.00
Steelhead Northern California DPS	<i>Oncorhynchus mykiss irideus</i>	FT, SSC		1.41	0.00
Trinity			1.78	0.11	0.00
Chinook Salmon - Southern Oregon/Northern California Coastal	<i>Oncorhynchus tshawytscha</i> pop. 14	SSC		0.11	0.00
Chinook Salmon - Upper Klamath And Trinity Rivers ESU	<i>Oncorhynchus tshawytscha</i> pop. 30	FS,SSC,ST		0.11	0.00
Steelhead Summer	<i>Oncorhynchus mykiss irideus</i>	None		0.07	0.00
Upper Cache			2.29	0.58	0.01
Clear Lake Hitch	<i>Lavinia exilicauda chi</i>	FCT,FS,ST		0.21	0.01
Upper Eel			4.15	0.18	0.00
Chinook Salmon - California Coastal ESU	<i>Oncorhynchus tshawytscha</i> pop. 17	FT,SSC		0.18	0.00
Chinook Salmon - Southern Oregon/Northern California Coastal	<i>Oncorhynchus tshawytscha</i> pop. 14	SSC		0.18	0.00
Steelhead - Northern California DPS Winter-Run	<i>Oncorhynchus mykiss irideus</i> pop. 49	FT,SSC		0.18	0.00
Steelhead Northern California DPS	<i>Oncorhynchus mykiss irideus</i>	FT, SSC		0.18	0.00
Upper Putah			2.32	0.19	0.09
N/A	N/A	N/A		0.00	0.00

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
- **Key:** Caltrans District 2 – Ecoregion Section Impact by Species Special Status Species Acronym Key
- **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 – Mono 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 Riparian, Waters, Wetlands, and Fish Species 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 Section	Footprint in Ecoregion Section (Acres)	HUC 8	Footprint in HUC8 (Acres)
14187	PLU	89	30.2	R42.185	Pavement	2023/24	Sierra Nevada	0.37	North Fork Feather	1.64
							Southern Cascades	1.27		
16613	SIS	96	71.23	71.23	Bridge - Health	2026/27	Klamath Mountains	0.49	Scott	0.41
16639	SIS	96	76.8	78	Bridge	2023/24	Klamath Mountains	11.62	Upper Klamath	0.08
19182	TEH	99	0	12.5	Pavement	2023/24	Great Valley	1.58	Big Chico Creek-Sacramento River	1.58
19184	LAS	36	0	6.1	Pavement	2023/24	Sierra Nevada	6.49	North Fork Feather	148.33
							Southern Cascades	141.84		
19217	LAS	139	0.74	11	Pavement	2023/24	Modoc Plateau	32.11	Honey-Eagle Lakes	37.49
							Northwestern Basin and Range	0.17		
							Southern Cascades	5.21		
19219	SIS	96	R0.0	R16.01	Pavement	2025/26	Klamath Mountains	4.85	Lower Klamath	4.40
19223	SHA	5	0	67.019	Pavement	2025/26	Klamath Mountains	13.53	Salmon	0.45
19287	PLU	89	0	8.71	Pavement	2025/26	Sierra Nevada	31.33	Sacramento Headwaters	13.53
19441	TEH	5	33.3	34.7	Roadside	2026/27	Northern California Interior Coast Ranges	1.96	Middle Fork Feather	31.33
19500	SHA	89	26.3	30.7	Bridge - Health	2032/33	Southern Cascades	2.77	Paynes Creek-Sacramento River	1.96
19845	TRI	299	8.3	15	Pavement	2025/26	Klamath Mountains	0.81	Lower Pit	2.77
19854	SHA	44	R0.0	R7.401	Pavement	2031/32	Northern California Interior Coast Ranges	0.56	Clear Creek-Sacramento River	0.48
									Cow Creek	0.08
19884	MOD	395	R17.5	34	Pavement	2025/26	Modoc Plateau	0.97	Upper Pit	0.97
									McCloud	1.14
19899	SIS	89	20.3	R34.62	Pavement	2024/25	Southern Cascades	1.45	Sacramento Headwaters	0.30
19923	SHA	89	22	30.6	Pavement	2023/24	Southern Cascades	0.43	Lower Pit	0.43
19924	PLU	70	R78.3	90.3	Pavement	2023/24	Sierra Nevada	1.42	Middle Fork Feather	1.42
19925	SIS	97	R11.0	29	Pavement	2028/29	Southern Cascades	1.12	Shasta	1.12
19958	PLU	70	33	47	Pavement	2027/28	Sierra Nevada	0.04	East Branch North Fork Feather	0.04
19967	TEH	36	67.5	R75.10	Pavement	2032/33	Sierra Nevada Foothills	0.32	Battle Creek	0.25
							Southern Cascades	0.11	Paynes Creek-Sacramento River	0.07
							Klamath Mountains	5.66	Paynes Creek-Sacramento River	0.11
19969	TRI	299	49	72	Drainage	2025/26	Klamath Mountains	5.66	Trinity	5.66
19971	PLU	147	0	9.891	Pavement	2030/31	Sierra Nevada	0.85	North Fork Feather	0.98
							Southern Cascades	0.12		
19974	SIS	3	R48.6	54.187	Pavement	2025/26	Klamath Mountains	0.27	Shasta	1.43
							Southern Cascades	1.16		
19983	TRI	3	67.7	T85.06	Pavement	2024/25	Klamath Mountains	2.16	Trinity	2.16
19984	TRI	3	5	11	Pavement	2027/28	Klamath Mountains	21.64	South Fork Trinity	21.64
20010	SHA	44	14.5	L0.54R	Pavement	2027/28	Northern California Interior Coast Ranges	0.95	Clear Creek-Sacramento River	0.95
20043	TEH	5	R0.0	R12.16	Pavement	2031/32	Great Valley	2.05	Big Chico Creek-Sacramento River	1.17
									Thomes Creek-Sacramento River	0.88
20044	SIS	5	R38.6	R51.162	Pavement	2029/30	Klamath Mountains	0.18	Shasta	0.18
20045	PLU	89	24	30	Pavement	2027/28	Sierra Nevada	1.94	East Branch North Fork Feather	1.89
									North Fork Feather	0.05
20046	SHA	44	32.5	45.5	Pavement	2030/31	Southern Cascades	94.95	Battle Creek	94.12
									Clear Creek-Sacramento River	0.83
20047	SIS	89	0	21.1	Pavement	2027/28	Southern Cascades	77.61	Lower Pit	12.03
									McCloud	65.58
20048	PLU	36	0	9.2	Pavement	2029/30	Southern Cascades	0.65	North Fork Feather	0.65
20049	SIS	97	19.801	R11.0	Pavement	2027/28	Southern Cascades	1.50	Shasta	1.50
20050	SHA	151	0	R6.924	Pavement	2032/33	Klamath Mountains	2.30	Clear Creek-Sacramento River	2.30
20051	SHA	299	60	67.8	Pavement	2031/32	Southern Cascades	2.77	Lower Pit	2.77
									Battle Creek	0.67
20052	TEH	36	78.4	92	Pavement	2029/30	Southern Cascades	1.24	Big Chico Creek-Sacramento River	0.02
									Thomes Creek-Sacramento River	0.55
20965	MOD	299	56.7	58	Pavement	2025/26	Northwestern Basin and Range	0.22	Surprise Valley	0.22
21284	LAS	395	5.6	R20.0	Pavement	2026/27	Mono	0.34	Honey-Eagle Lakes	0.34
21484	TEH	99	4.2	4.8	Reactive Safety	2023/24	Great Valley	6.03	Big Chico Creek-Sacramento River	6.03

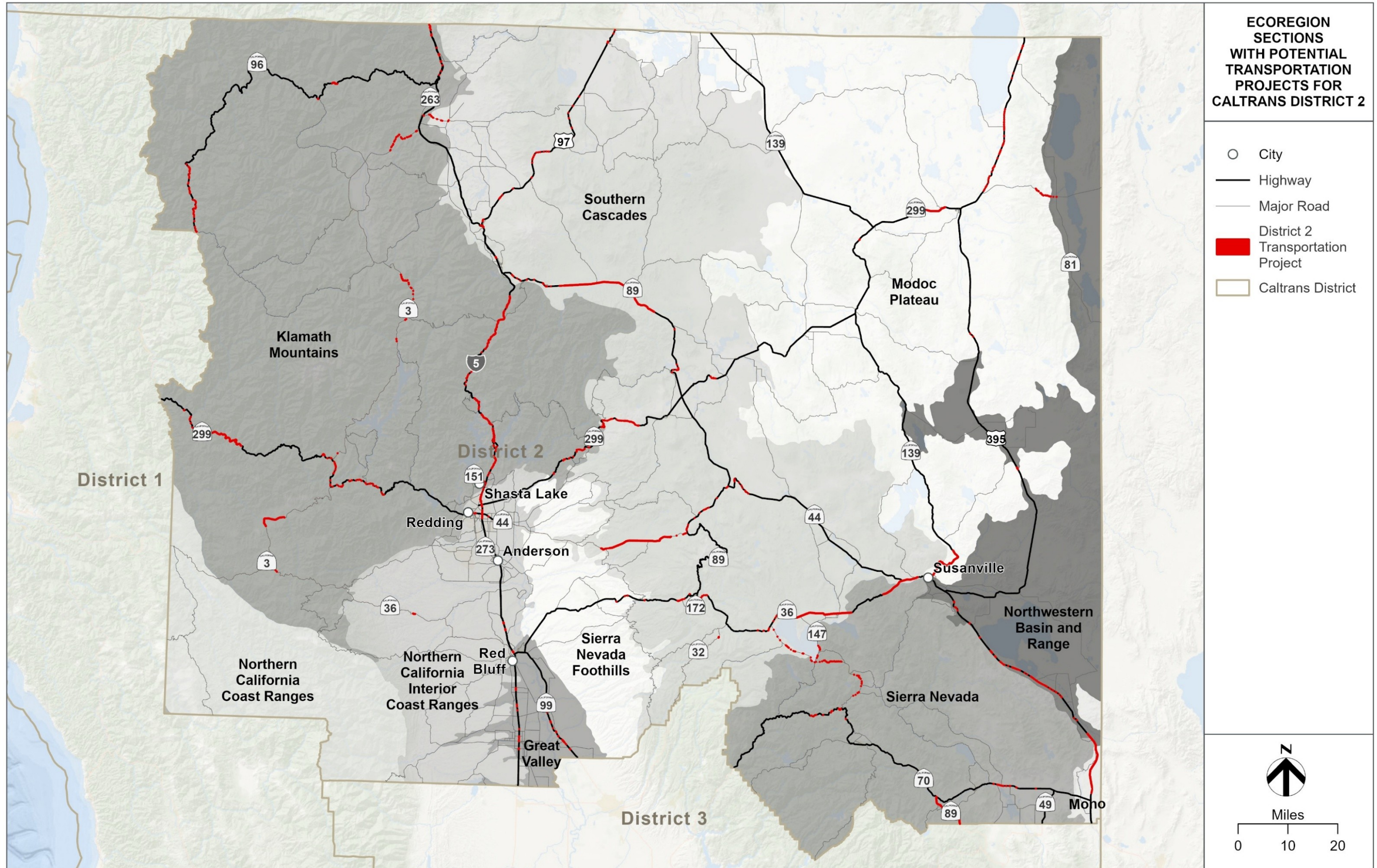
Caltrans District 2 - Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC 8	Footprint in HUC8 (Acres)
21634	TRI	3	32.6	51.41	Drainage	2027/28	Klamath Mountains	0.25	Trinity	0.25
21700	SHA	299	57.5	59	Reactive Safety	2025/26	Klamath Mountains	6.02	Lower Pit	15.19
							Southern Cascades	9.17		
21970	TRI	299	6.26	6.5	Bridge - Health	2028/29	Klamath Mountains	0.97	Trinity	0.97
21980	SHA	299	41.1	55.3	Drainage	2025/26	Klamath Mountains	1.54	Cow Creek	1.48
									Lower Pit	0.06
21981	SHA	5	R20.3	R27.9	Drainage	2025/26	Klamath Mountains	4.02	Clear Creek-Sacramento River	2.42
							Northern California Interior Coast Ranges	0.25	Lower Pit	1.59
21982	SHA	5	R29.0R	R43.3	Drainage	2031/32	Klamath Mountains	15.89	Clear Creek-Sacramento River	0.25
									Lower Pit	0.57
21996	LAS	395	103.6	103.9	Roadside	2027/28	Modoc Plateau	1.00	McCloud	2.30
									Sacramento Headwaters	13.01
22010	SIS	3	38.39	R46.79	Drainage	2032/33	Klamath Mountains	2.97	Madeline Plains	1.00
									Scott	0.95
22067	SHA	44	R26.8	71.389	Pavement	2025/26	Southern Cascades	2.50	Shasta	2.02
									Battle Creek	1.00
22083	LAS	395	29.9	59	Drainage	2028/29	Northwestern Basin and Range	3.55	Clear Creek-Sacramento River	0.49
							Modoc Plateau	2.03	Lower Pit	1.01
22084	MOD	299	52	56.1	Drainage	2031/32	Northwestern Basin and Range	0.06	Honey-Eagle Lakes	3.55
							Surprise Valley	2.09		
22085	SIS	97	0.16	54.089	Drainage	2030/31	Southern Cascades	1.58	Butte	1.19
									Lost	0.20
22087	SHA	299	88.1	89.5	Protective Betterments	2024/25	Southern Cascades	0.92	Shasta	0.18
									Lower Pit	0.92
22159	SIS	5	R58.2L	R69.293	Pavement	2026/27	Klamath Mountains	5.52	Upper Klamath	5.52
22190	SHA	5	R14.8	R20.0	Proactive Safety	2024/25	Northern California Interior Coast Ranges	10.75	Clear Creek-Sacramento River	10.75
22995	SHA	5	61.745	61.745	Bridge - Health	2026/27	Klamath Mountains	0.49	Sacramento Headwaters	0.49
22997	MOD	299	33.5	37.5	Pavement	2027/28	Modoc Plateau	38.27	Upper Pit	38.27
22998	MOD	395	47	61.563	Pavement	2026/27	Modoc Plateau	0.69	Goose Lake	0.69
							Sierra Nevada	11.13		
23001	LAS	36	16.7	22.4	Pavement	2027/28	Southern Cascades	30.14	Honey-Eagle Lakes	41.27
							Klamath Mountains	0.17		
23002	TRI	299	64	70	Pavement	2026/27	Klamath Mountains	0.17	Trinity	0.17
23005	LAS	36	0	R26.5	Pavement	2029/30	Northwestern Basin and Range	1.22	Honey-Eagle Lakes	1.22
23093	SHA	89	30.6	43.345	Pavement	2028/29	Southern Cascades	0.10	Lower Pit	0.10
23137	LAS	395	R20.0	29.9	Pavement	2028/29	Northwestern Basin and Range	0.53	Honey-Eagle Lakes	0.53
23142	PLU	70	23.2	33.072	Pavement	2031/32	Sierra Nevada	1.00	East Branch North Fork Feather	1.00
23299	SHA	5	56.7	66.5	Drainage	2027/28	Klamath Mountains	4.33	Sacramento Headwaters	4.33
23302	THE	36	15.7	16.1	Reactive Safety	2025/26	Northern California Interior Coast Ranges	3.73	Cottonwood Creek	3.73
									Goose Lake	1.88
23305	LAS	395	34.3	46.3	Drainage	2032/33	Modoc Plateau	3.55	Upper Pit	1.67
									McCloud	0.94
23671	SIS	89	24.75	24.75	Reactive Safety	2025/26	Southern Cascades	0.94	McCloud	0.94
23680	SHA	5	R27.63	R27.63	Bridge - Health	2030/31	Klamath Mountains	0.58	Lower Pit	0.58
23742	TRI	3	58	67.5	Drainage	2029/30	Klamath Mountains	0.17	Trinity	0.17
23753	THE	32	21.05	21.2	Reactive Safety	2026/27	Southern Cascades	0.76	Big Chico Creek-Sacramento River	0.76
							Mono	27.39		
23936	LAS	395	7.5	R19.0	Reactive Safety	2026/27	Northwestern Basin and Range	6.41	Honey-Eagle Lakes	39.09
							Sierra Nevada	5.29		
24170	SHA	5	R44.04	58	Pavement	2030/31	Klamath Mountains	4.47	Sacramento Headwaters	4.47
24288	TRI	299	49.53	49.86	Drainage	2030/31	Klamath Mountains	0.12	Trinity	0.12
24290	TEH	32	1.6	R32.0	Drainage	2032/33	Klamath Mountains	0.71	South Fork Trinity	0.71
24553	TEH	36	81.6	83.4	Bicycle and Pedestrian Infrastructure	2025/26	Southern Cascades	0.11	Battle Creek	0.11
							Great Valley	0.95		
24598	TEH	99	5.82	5.82	Bridge - Health	2031/32	Northern California Interior Coast Ranges	2.89	Big Chico Creek-Sacramento River	0.95
							Paynes Creek-Sacramento River	2.89		
24599	PLU	89	8.232	8.232	Bridge - Health	2028/29	Sierra Nevada	0.96	Middle Fork Feather	0.96
24836	LAS	36	14.4	R16.8	Reactive Safety	2023/24	Sierra Nevada	23.93	Honey-Eagle Lakes	23.93
24913	TRI	299	15	25.7	Pavement	2023/24	Klamath Mountains	39.45	Trinity	39.45

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 Section	Footprint in Ecoregion Section (Acres)	HUC 8	Footprint in HUC8 (Acres)
24934	TEH	99	13.4	13.9	Reactive Safety	2027/28	Great Valley	2.53	Thomes Creek-Sacramento River	2.53
24990	SHA	44	R26.94	R27.62	Reactive Safety	2027/28	Southern Cascades	2.90	Clear Creek-Sacramento River	2.90
25107	MOD	299	17.95	17.95	Bridge	2025/26	Modoc Plateau	0.86	Upper Pit	0.86
25108	SIS	5	R12.06	R12.06	Bridge	2025/26	Southern Cascades	1.97	Sacramento Headwaters	1.97
25232	PLU	89	12.9	20	Pavement	2023/24	Sierra Nevada	1.31	East Branch North Fork Feather	1.31

Caltrans District 2 - Ecoregion Sections with Potential Transportation Projects



Ecoregion Section Impact by Species

Special Status Species Acronym Key

District 2

FE = Federally Endangered

FT = Federally Threatened

SE = State Endangered

ST = State Threatened

FCT = Federal Candidate Threatened

FCE = Federal Candidate Endangered

SCT = State Candidate Threatened

SCE = State Candidate Endangered

SFP = State Fully Protected Species

SSC = State Species of Concern

SR = State Rare Species

FS = Federal Sensitive Species (includes USFS sensitive and/or BLM Sensitive)

SFS = State Fire Sensitive

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District 2 Great Valley Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grassland	Deciduous Orchard; Evergreen Orchard; Vineyard; Irrigated Row and Field Crops	Deciduous Orchard; Irrigated Hayfield	Riverine	Valley Foothill Riparian	Valley Foothill Riparian; Montane Riparian
		Total:	2.43	2.28	0.13	0.06	0.82	0.01
Amphibians								
California Red-Legged Frog	Rana draytonii	FT,SSC	0.74	0.00	0.00	0.06	0.72	0.01
Foothill Yellow Legged Frog - North Coast DPS	Rana boylei	SSC,FS	2.43	0.00	0.00	0.06	0.82	0.01
Western Spadefoot	Spea hammondi	FCT,FS,SSC	2.43	2.28	0.13	0.06	0.00	0.00
Birds								
Bank Swallow	Riparia riparia	FS,ST	0.15	0.10	0.13	0.06	0.79	0.00
Burrowing Owl	Athene cucularia	FS,SCE,SSC	2.43	0.00	0.13	0.00	0.82	0.01
Grasshopper Sparrow	Ammodramus savannarum	SSC	2.43	0.00	0.13	0.00	0.00	0.00
Little Willow Flycatcher	Empidonax traillii brewsteri	SE	0.00	0.00	0.00	0.00	0.82	0.01
Loggerhead Shrike	Lanius ludovicianus	SSC	2.43	2.28	0.13	0.00	0.82	0.01
Northern Harrier	Circus hudsonius	SSC	2.43	2.28	0.13	0.06	0.82	0.01
Swainson's Hawk	Buteo swainsoni	FS,ST	2.43	0.00	0.13	0.00	0.82	0.01
Tricolored Blackbird	Agelaius tricolor	FS,SSC,ST	2.43	2.28	0.13	0.00	0.82	0.01
Western Yellow-Billed Cuckoo	Coccyzus americanus occidentalis	FS,FT,SE	0.00	2.28	0.13	0.00	0.82	0.01
White-Tailed Kite	Elanus leucurus	FS,SFP	2.43	2.28	0.13	0.00	0.82	0.01
Willow Flycatcher	Empidonax traillii	FS,SE	0.00	0.00	0.00	0.00	0.82	0.01
Yellow Warbler	Setophaga petechia	SSC	0.00	0.00	0.13	0.00	0.14	0.00
Yellow-Breasted Chat	Icteria virens	SSC	0.00	0.00	0.00	0.00	0.82	0.01
Yellow-Headed Blackbird	Xanthocephalus xanthocephalus	SSC	2.43	0.00	0.13	0.00	0.00	0.00
Mammals								
American Badger	Taxidea taxus	SSC	2.43	2.28	0.13	0.00	0.82	0.01
Gray Wolf	Canis lupus	FE,SE	0.15	0.00	0.13	0.06	0.14	0.00
Pallid Bat	Antrozous pallidus	FS,SSC	2.43	2.28	0.13	0.06	0.82	0.01
Townsend's Big-Eared Bat	Corynorhinus townsendii	FS,SSC	2.43	2.28	0.13	0.06	0.82	0.01
Western Red Bat	Lasiurus frantzii	SSC	2.43	0.00	0.13	0.06	0.82	0.01
Reptiles								
Blainville's Horned Lizard	Phrynosoma blainvillii	FS,SSC	2.43	2.28	0.00	0.00	0.82	0.01
Northwestern Pond Turtle	Actinemys marmorata	FCT,FS,SSC	2.43	0.00	0.00	0.06	0.82	0.01
Invertebrates								
Conservancy Fairy Shrimp	Branchinecta conservatio	FE	0.77	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	0.82	0.01
Vernal Pool Fairy Shrimp	Branchinecta lynchi	FT	0.77	0.00	0.00	0.00	0.00	0.00
Vernal Pool Tadpole Shrimp	Lepidurus packardii	FE	0.77	0.00	0.00	0.00	0.00	0.00
Plants								
Boggs Lake Hedge-Hyssop	Gratiola heterosepala	FS,SE	2.43	0.00	0.00	0.00	0.82	0.01
Greene's Tuctoria	Tuctoria greenei	FE,SR	0.03	0.00	0.00	0.00	0.00	0.00
Hairy Orcutt Grass	Orcuttia pilosa	FE,SE	0.03	0.00	0.00	0.00	0.00	0.00
Hoover's Spurge	Euphorbia hooveri	FT	1.70	0.00	0.00	0.00	0.00	0.00
Indian Valley Brodiaea	Brodiaea rosea	FS,SE	2.43	0.00	0.00	0.00	0.00	0.00
Mason's Lilaeopsis	Lilaeopsis masonii	SR	0.00	0.00	0.00	0.00	0.82	0.01
Slender Orcutt Grass	Orcuttia tenuis	FT,SE	0.03	0.00	0.00	0.00	0.00	0.00

Common Name	Species Name	Status	Annual Grassland	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Cropland	Douglas Fir	Irrigated Grain Crops	Jeffrey Pine	Juniper	Klamath Mixed Conifer	Lucustrine	Mixed Chaparral	Montane Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Montane Riparian	Pasture	Perennial Grassland	Ponderosa Pine	Riverine	Sierra Mixed Conifer	Valley Foothill Riparian	Valley Foothill Oak Woodland	Valley Oak Woodland	Wet Meadow		
Total:			15.46	66.01	6.20	1.25	0.64	3.23	0.02	0.41	0.19	0.38	0.09	6.39	0.73	11.07	6.00	1.01	0.04	0.13	2.72	1.51	9.36	0.50	0.04	0.32	0.13	1.53	
Amphibians																													
California Red-Leaved Frog	<i>Rana draytoni</i>	FT SSC	0.10	0.00	0.20	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	5.22	0.14	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Cascades Frog	<i>Rana cascadae</i>	FS SCE SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.64	0.00	0.00	0.00	0.00	0.00	
Coastal Tailed Frog	<i>Rana boylei</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.38	1.51	0.00	0.00	0.04	0.00	0.00		
Foothill Yellow-Leaved Frog - North Coast DPS	<i>Rana boylei</i>	SSC FS	15.46	66.01	6.20	1.25	0.64	3.23	0.00	0.41	0.19	0.38	0.09	6.39	0.73	11.07	6.00	1.01	0.00	0.00	2.72	1.51	9.36	0.50	0.04	0.32	0.13	1.53	
Shasta Salamander	<i>Hydromantes shastae</i>	FS ST	0.00	0.00	0.00	0.73	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	1.98	0.00	3.05	0.00	0.00	0.00	0.00		
Southern Long-Toed Salamander	<i>Ambystoma macrodactylum siskiyoui</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.84	0.43	0.00	0.00	0.00		
Southern Torrent Salamander	<i>Rhyacophila variegata</i>	FS SSC	0.00	0.00	0.00	0.00	0.00	1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Western Scapellato	<i>Sorex hammondi</i>	FCT FS SSC	6.10	0.00	6.20	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Birds																													
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	SFS	15.46	66.01	6.16	1.25	0.00	3.23	0.02	0.41	0.19	0.38	0.09	6.39	0.73	11.07	6.00	1.01	0.00	0.13	2.72	1.51	9.36	0.50	0.04	0.32	0.13	1.53	
Bald Eagle	<i>Haliaeetus leucocapillus</i>	FS SE SFP SFS	15.04	65.38	6.16	1.25	0.00	2.45	0.00	0.41	0.19	0.38	0.09	6.39	0.73	9.79	5.99	0.42	0.00	0.12	2.72	1.50	9.07	0.50	0.04	0.32	0.13	1.53	
Black Swift	<i>Cypseloides niger</i>	SSC	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	0.20	0.14	0.05	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Barrow's Owl	<i>Athene cucularia</i>	FS SCE SSC	0.00	0.01	0.05	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Golden Eagle	<i>Aquila chrysaetos</i>	FS SFP SFS	15.46	66.01	6.20	1.25	0.00	3.23	0.00	0.41	0.19	0.38	0.09	6.39	0.73	11.07	6.00	1.01	0.04	0.13	2.72	0.00	9.36	0.50	0.04	0.32	0.13	1.53	
Grasshopper Sparrow	<i>Ammodramus saviannus</i>	SSC	7.45	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	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 Scaup Crane	<i>Antelope sandeensis salsola</i>	FS SFP ST	1.14	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Hile Willow Flycatcher	<i>Empidonax hammondi</i>	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Loonhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.47	1.95	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.33	0.14	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Luna-Eared Owl	<i>Lino sp.</i>	SSC	15.46	66.01	6.16	1.25	0.00	0.00	0.00	0.19	0.38	0.00	0.00	6.39	0.73	11.07	6.00	1.01	0.04	0.13	2.72	0.00	9.36	0.50	0.04	0.32	0.13	1.53	
Northern Goshawk	<i>Accipiter velox</i>	FS SSC SFS	0.00	0.00	0.00	1.25	0.00	3.23	0.00	0.41	0.19	0.38	0.00	6.39	0.73	11.07	6.00	1.01	0.00	0.00	2.72	0.00	9.36	0.50	0.04	0.32	0.13	0.00	
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.00	0.01	0.05	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Northern Scouted Owl	<i>Strix occidentalis caesia</i>	FT SFS ST	0.00	0.00	0.00	0.86	0.00	3.18	0.00	0.41	0.00	0.38	0.00	0.00	0.00	9.53	5.14	1.01	0.00	0.00	1.71	0.00	9.14	0.43	0.00	0.00	0.00	0.00	
Olive-Sided Flycatcher	<i>Contopus cooperi</i>	SSC	0.00	0.00	0.00	1.25	0.00	3.23	0.00	0.41	0.00	0.38	0.00	6.39	0.00	11.07	6.00	1.01	0.00	0.00	2.72	0.00	9.36	0.00	0.04	0.00	0.00	0.00	
Purple Martin	<i>Progne subis</i>	SSC	15.36	65.00	6.00	1.25	0.00	3.23	0.00	0.00	0.00	0.38	0.09	6.00	0.00	11.07	5.99	1.01	0.00	0.13	2.71	1.51	9.36	0.50	0.04	0.32	0.13	1.53	
Vaux's Swift	<i>Chaetura vauxi</i>	SSC	0.00	0.00	0.00	1.25	0.00	3.23	0.02	0.41	0.00	0.38	0.09	6.39	0.73	11.07	6.00	1.01	0.00	0.13	2.72	1.51	9.36	0.50	0.04	0.32	0.13	1.53	
White-Tailed Kite	<i>Elaenia leucurus</i>	FS SFP	0.00	0.01	0.05	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Willow Flycatcher	<i>Empidonax traillii</i>	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	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 Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	0.20	1.25	0.00	3.23	0.00	0.41	0.00	0.38	0.00	6.39	0.73	11.07	6.00	1.01	0.00	0.00	2.72	0.00	9.36	0.50	0.04	0.32	0.13	0.00	
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	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	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.32	0.00	0.00	
Mammals																													
American Badger	<i>Taxidea taxus</i>	SSC	15.46	66.01	6.20	1.25	0.00	3.23	0.02	0.41	0.19	0.38	0.09	6.39	0.73	11.07	6.00	1.01	0.04	0.13	2.72	0.00	9.36	0.50	0.04	0.32	0.13	1.53	
Fish	<i>Pekania pennanti</i>	FS SSC	0.00	0.00	0.00	0.00	0.00	3.23	0.00	0.04	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.39	0.00	9.15	0.00	0.04	0.00	0.00	
Humboldt Marten	<i>Martes caurina humboldtensis</i>	FS FT SE SSC	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Oregon Snowshoe Hare	<i>Lepus americanus klamathensis</i>	SSC	0.00	0.00	0.00	0.00	0.00	2.63	0.00	0.41	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.00	0.00	0.00	9.31	0.00	0.04	0.00	0.00	
Pallid Bat	<i>Antrozous pallens</i>	FS SSC	15.46	66.01	6.20	1.25	0.00	3.23	0.02	0.41	0.19	0.00	0.00	6.39	0.73	11.07	6.00	1.01	0.04	0.13	2.72	1.51	9.36	0.50	0.04	0.32	0.13	1.53	
Sonoma Tree Vole	<i>Arborimus pomo</i>	FS SSC	0.00	0.00	0.00	0.00	0.00	1.99	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	0.00	0.00	0.00	0.00	0.00	0.00	
Scotford Bat	<i>Eudermis maculatum</i>	FS SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	1.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Townsend's Big-Eared Bat	<i>Conyropsus townsendi</i>	FS SSC	15.46	66.01	6.20	1.25	0.00	3.23	0.00	0.41	0.19	0.38	0.09	6.39	0.73	11.07	6.00	1.01	0.04	0.13	2.72	1.51	9.36	0.50	0.04	0.32	0.13	1.53	
Western Mastiff Bat	<i>Eumops occidentalis</i>	FS SSC	0.62	13.58	0.00	0.41	0.00	0.00	0.02	0.00	0.00	0.00	0.00	3.41	0.14	1.05	1.44	0.00	0.00	0.00	0.27	0.00	0.00	0.52	0.04	0.32	0.00	0.00	
Western Red Bat	<i>Lasiurus frugis</i>	SSC	1.44	9.00	0.40	0.73	0.00	0.00	0																				

Common Name	Species Name	Status	Annual	Aspen	Barren	Bitterbrush	Deciduous	Eastside	Juniper	Low Sage	Montane	Pasture	Perennial	Ponderosa	Riverine	Sagebrush	Sierran	Wet	
			Grassland				Orchard	Pine	Pine	Sage	Riparian		Grassland	Pine		h	Mixed	Meadow	
Total:			0.96	0.05	0.07	0.89	0.00	1.81	14.91	0.43	0.54	0.31	0.56	0.05	0.08	35.12	0.03	1.02	
Amphibians																			
Northern Leopard Frog	<i>Lithobates pipiens</i>	SSC	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	0.00	0.00	0.80
Oregon Spotted Frog	<i>Rana pretiosa</i>	FS,FT,SSC	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Birds																			
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	SFS	0.96	0.00	0.07	0.89	0.00	1.81	14.91	0.43	0.54	0.00	0.56	0.05	0.08	35.12	0.03	1.02	
American White Pelican	<i>Pelecanus erythrorhynchos</i>	SSC	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	
Bald Eagle	<i>Haliaeetus leucocephalus</i>	FS,SE,SFP,SFS	0.96	0.05	0.07	0.89	0.00	1.81	14.91	0.43	0.54	0.00	0.56	0.05	0.08	35.12	0.03	1.02	
Bank Swallow	<i>Riparia riparia</i>	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	9.92	0.00	0.54	
Black Tern	<i>Chlidonias niger</i>	SSC	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	0.00	0.00	
Burrowing Owl	<i>Athene curicularia</i>	FS,SCE,SSC	0.96	0.00	0.04	0.44	0.00	0.00	14.91	0.00	0.00	0.15	0.21	0.00	0.00	34.53	0.00	1.02	
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	0.96	0.00	0.07	0.89	0.00	1.81	14.91	0.43	0.54	0.31	0.56	0.05	0.00	35.12	0.03	1.02	
Great Gray Owl	<i>Strix nebulosa</i>	FS,SE,SFS	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	0.00	0.00	
Greater Sage-Grouse	<i>Centrocercus urophasianus</i>	FCT,FS,SCE,SSC	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	
Greater Sandhill Crane	<i>Antigone canadensis tabida</i>	FS,SFP,ST	0.96	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	1.02	
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.96	0.00	0.04	0.44	0.00	1.73	14.91	0.00	0.28	0.00	0.21	0.00	0.00	34.51	0.00	1.02	
Long-Billed Curlew	<i>Numenius americanus</i>	None	0.96	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.95	
Long-Eared Owl	<i>Asio otus</i>	SSC	0.96	0.05	0.00	0.89	0.00	1.81	14.91	0.43	0.54	0.31	0.56	0.05	0.00	35.12	0.03	1.02	
Northern Goshawk	<i>Accipiter gentilis</i>	FS,SSC,SFS	0.00	0.00	0.00	0.89	0.00	1.81	14.42	0.43	0.54	0.00	0.00	0.05	0.00	34.72	0.03	0.00	
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.96	0.00	0.04	0.44	0.00	1.73	14.91	0.00	0.28	0.00	0.21	0.00	0.08	0.00	0.00	1.02	
Olive-Sided Flycatcher	<i>Contopus cooperi</i>	SSC	0.00	0.05	0.00	0.00	0.00	1.81	0.00	0.00	0.54	0.00	0.00	0.05	0.00	0.00	0.03	0.00	
Purple Martin	<i>Progne subis</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.08	0.00	0.00	0.07	
Redhead	<i>Aythya americana</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	
Short-Eared Owl	<i>Asio flammeus</i>	SSC	0.96	0.00	0.00	0.44	0.00	1.73	14.91	0.00	0.28	0.00	0.21	0.00	0.00	34.48	0.00	1.02	
Swainson's Hawk	<i>Buteo swainsoni</i>	FS,ST	0.96	0.00	0.07	0.89	0.00	1.81	14.91	0.43	0.00	0.31	0.56	0.05	0.00	35.10	0.00	1.02	
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,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	0.00	0.00	0.54	
Vaux's Swift	<i>Chaetura vauxi</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.00	0.35	0.05	0.08	0.00	0.03	0.07	
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.00	0.00	0.00	0.00	0.00	0.00	1.02	
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.05	0.00	0.00	0.00	1.81	0.00	0.00	0.54	0.00	0.00	0.05	0.00	0.00	0.00	0.00	
Yellow-Headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	SSC	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.21	0.00	0.00	0.00	0.00	1.02	
Mammals																			
American Badger	<i>Taxidea taxus</i>	SSC	0.96	0.05	0.07	0.89	0.00	1.81	14.91	0.43	0.54	0.31	0.56	0.05	0.00	35.12	0.03	1.02	
Oregon Snowshoe Hare	<i>Lepus americanus klamathensis</i>	SSC	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.96	0.00	0.07	0.89	0.00	1.81	14.91	0.43	0.54	0.31	0.56	0.05	0.08	35.12	0.03	1.02	
Pygmy Rabbit	<i>Brachylagus idahoensis</i>	FS,SSC	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.01	0.00	0.00	
Sierra Nevada Red Fox - Southern Cascades DPS	<i>Vulpes vulpes necator</i>	ST,FS	0.00	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	0.00	
Spotted Bat	<i>Eudermis maculatum</i>	FS,SSC	0.96	0.00	0.00	0.89	0.00	1.81	14.91	0.43	0.54	0.00	0.56	0.05	0.08	35.12	0.03	1.02	
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.96	0.05	0.07	0.89	0.00	1.81	14.91	0.43	0.54	0.31	0.56	0.05	0.08	35.12	0.03	1.02	
Western White-Tailed Jackrabbit	<i>Lepus townsendii townsendii</i>	SSC	0.00	0.00	0.00	0.00	0.00	1.81	14.91	0.43	0.00	0.00	0.56	0.00	0.00	35.12	0.00	1.02	
Wolverine	<i>Gulo gulo</i>	FS,FT,SFP,ST	0.00	0.05	0.06	0.00	0.00	0.00	0.00	0.00	0.54	0.00	0.56	0.00	0.00	0.00	0.03	0.99	
Reptiles																			
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.08	0.00	0.00	0.90	
Plants																			
Boggs Lake Hedge-Hyssop	<i>Gratiola heterosepala</i>	FS,SE	0.96	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	0.00	
Indian Valley Brodiaea	<i>Brodiaea rosea</i>	FS,SE	0.96	0.00	0.00	0.00	0.00	0.00	14.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Slender Orcutt Grass	<i>Orcuttia tenuis</i>	FT,SE	0.96	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	0.00	
Tracy's Eriastrum	<i>Eriastrum tracyi</i>	FS,SR	0.96	0.00	0.00	0.00	0.00	0.00	14.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

District 2 Mono Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Fresh Emergent Wetland	Juniper	Montane Riparian	Riverine	Sagebrush	Wet Meadow
		Total:	0.04	0.29	0.05	0.21	0.07	0.06	4.96	0.07
Birds										
American White Pelican	<i>Pelecanus erythrorhynchos</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
Bald Eagle	<i>Haliaeetus leucocephalus</i>	FS,SE,SFP,SFS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Black Tern	<i>Chlidonias niger</i>	SSC	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.07
Burrowing Owl	<i>Athene cunicularia</i>	FS,SCE,SSC	0.04	0.29	0.00	0.21	0.00	0.00	4.96	0.07
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	0.04	0.29	0.05	0.21	0.07	0.00	4.96	0.07
Greater Sage-Grouse	<i>Centrocercus urophasianus</i>	FCT,FS,SCE,SSC	0.04	0.00	0.00	0.00	0.00	0.00	4.95	0.07
Greater Sandhill Crane	<i>Antigone canadensis tabida</i>	FS,SFP,ST	0.00	0.29	0.05	0.00	0.00	0.00	0.00	0.07
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.04	0.29	0.00	0.21	0.07	0.00	4.96	0.07
Long-Billed Curlew	<i>Numenius americanus</i>	None	0.00	0.29	0.05	0.00	0.00	0.06	0.00	0.07
Long-Eared Owl	<i>Asio otus</i>	SSC	0.00	0.29	0.00	0.21	0.07	0.00	4.96	0.07
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.04	0.29	0.05	0.21	0.07	0.06	0.00	0.07
Redhead	<i>Aythya americana</i>	SSC	0.00	0.00	0.05	0.00	0.00	0.06	0.00	0.00
Short-Eared Owl	<i>Asio flammeus</i>	SSC	0.04	0.29	0.05	0.21	0.07	0.00	4.96	0.07
Swainson's Hawk	<i>Buteo swainsoni</i>	FS,ST	0.00	0.29	0.00	0.21	0.00	0.00	4.96	0.07
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.07
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00
Yellow-Headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	SSC	0.00	0.29	0.05	0.00	0.00	0.00	0.00	0.07
Mammals										
American Badger	<i>Taxidea taxus</i>	SSC	0.04	0.29	0.00	0.21	0.07	0.00	4.96	0.07
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.04	0.29	0.00	0.21	0.07	0.06	4.96	0.07
Pygmy Rabbit	<i>Brachylagus idahoensis</i>	FS,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spotted Bat	<i>Euderma maculatum</i>	FS,SSC	0.04	0.29	0.00	0.21	0.07	0.06	4.96	0.07
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.04	0.29	0.00	0.21	0.07	0.06	4.96	0.07
Western White-Tailed Jackrabbit	<i>Lepus townsendii townsendii</i>	SSC	0.00	0.00	0.00	0.21	0.00	0.00	4.96	0.07
Plants										
Boggs Lake Hedge-Hyssop	<i>Gratiola heterosepala</i>	FS,SE	0.00	0.29	0.05	0.00	0.00	0.00	0.00	0.00
Indian Valley Brodiaea	<i>Brodiaea rosea</i>	FS,SE	0.00	0.29	0.00	0.21	0.00	0.00	0.00	0.00
Slender Orcutt Grass	<i>Orcuttia tenuis</i>	FT,SE	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00
Tracy's Eriastrum	<i>Eriastrum tracyi</i>	FS,SR	0.00	0.29	0.00	0.21	0.00	0.00	0.00	0.00
Webber's Ivesia	<i>Ivesia webberi</i>	FS,FT	0.00	0.00	0.00	0.00	0.00	0.00	2.75	0.00

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

Common Name	Species Name	Status	Annual Grassland	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Riverine; Lacustrine	Valley Foothill Riparian
		Total:	2.62	6.82	1.00	2.51	0.24	0.55
Amphibians								
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	2.62	0.00	1.00	2.51	0.24	0.55
Foothill Yellow Legged Frog - North Coast DPS	<i>Rana boylei</i>	SSC, FS	2.62	0.00	1.00	2.51	0.24	0.55
Northern Leopard Frog	<i>Lithobates pipiens</i>	SSC	0.00	0.00	0.00	0.00	0.24	0.00
Western Spadefoot	<i>Spea hammondi</i>	FCT,FS,SSC	2.62	0.00	1.00	2.51	0.24	0.00
Birds								
Bank Swallow	<i>Riparia riparia</i>	FS,ST	0.97	2.96	0.00	0.00	0.24	0.55
Burrowing Owl	<i>Athene cunicularia</i>	FS,SCE,SSC	1.24	6.82	1.00	0.15	0.00	0.55
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	2.62	6.82	1.00	2.51	0.00	0.55
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	2.62	0.00	0.00	0.00	0.00	0.00
Little Willow Flycatcher	<i>Empidonax traillii brewsteri</i>	SE	0.00	0.00	0.00	0.00	0.00	0.55
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	2.62	6.82	1.00	2.51	0.00	0.55
Northern Harrier	<i>Circus hudsonius</i>	SSC	2.62	6.82	1.00	2.51	0.24	0.55
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	2.62	0.00	0.00	0.00	0.00	0.55
Western Yellow-Billed Cuckoo	<i>Coccyzus americanus occidentalis</i>	FS,FT,SE	0.00	0.00	0.00	0.00	0.00	0.55
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	2.62	6.82	1.00	2.51	0.00	0.55
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.55
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	0.20	2.51	0.00	0.10
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.55
Mammals								
American Badger	<i>Taxidea taxus</i>	SSC	2.62	6.82	1.00	2.51	0.00	0.55
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	2.62	6.82	1.00	2.51	0.24	0.55
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	2.62	6.82	1.00	2.51	0.24	0.55
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	2.62	0.00	1.00	2.51	0.24	0.55
Reptiles								
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	2.62	0.00	1.00	2.51	0.24	0.55
Plants								
Boggs Lake Hedge-Hyssop	<i>Gratiola heterosepala</i>	FS,SE	2.62	0.00	0.00	0.00	0.00	0.55
Geysers Panicum	<i>Panicum acuminatum var. thermale</i>	FS,SE	2.53	0.00	0.00	0.00	0.00	0.34
Indian Valley Brodiaea	<i>Brodiaea rosea</i>	FS,SE	2.62	0.00	1.00	2.51	0.00	0.00
Lake County Western Flax	<i>Hesperolinon didymocarpum</i>	FS,SE	2.53	0.00	0.80	2.47	0.00	0.00
Mason's Lilaeopsis	<i>Lilaeopsis masonii</i>	SR	0.00	0.00	0.00	0.00	0.00	0.22
North Coast Semaphore Grass	<i>Pleuropogon hooverianus</i>	FS,ST	0.00	0.00	0.80	0.00	0.00	0.00
Roderick's Fritillary	<i>Fritillaria roderickii</i>	SE	2.53	0.00	0.00	0.00	0.00	0.00
Slender Orcutt Grass	<i>Orcuttia tenuis</i>	FT,SE	0.08	0.00	0.00	0.00	0.00	0.00
Tracy's Eriastrum	<i>Eriastrum tracyi</i>	FS,SR	2.53	0.00	0.80	2.47	0.00	0.00
Invertebrate								
Conservancy Fairy Shrimp	<i>Branchinecta conservatio</i>	FE	1.24	0.00	0.00	0.00	0.00	0.00
Valley Elderberry Longhorn Beetle	<i>Desmocerus californicus dimorphus</i>	FT	0.00	0.00	0.00	0.00	0.00	0.55
Vernal Pool Fairy Shrimp	<i>Branchinecta lynchi</i>	FT	2.62	0.00	0.00	0.00	0.00	0.00
Vernal Pool Tadpole Shrimp	<i>Lepidurus packardii</i>	FE	2.61	0.00	0.00	0.00	0.00	0.00

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

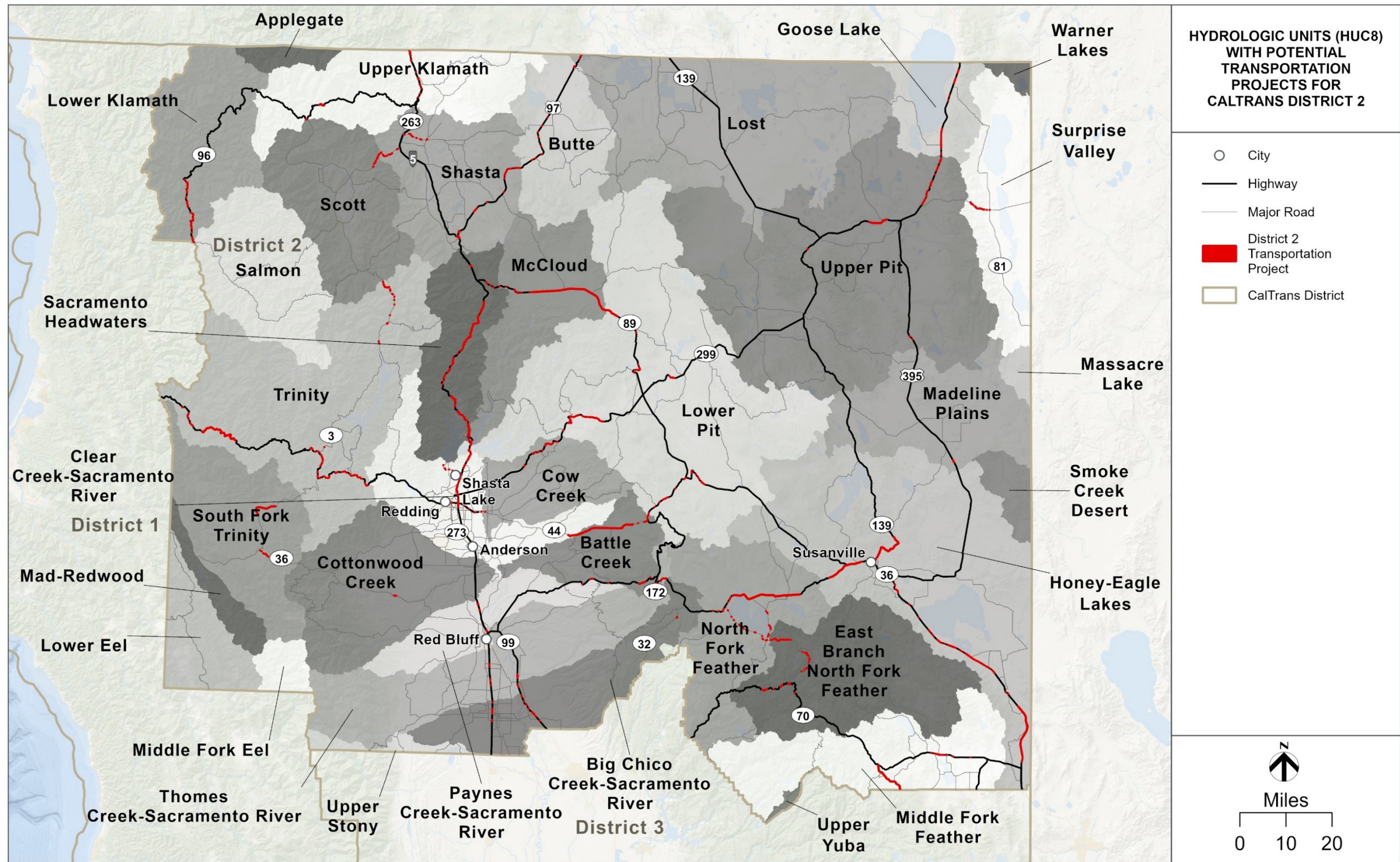
Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Bitterbrush	Irrigated Hayfield	Juniper	Low Sage	Montane Hardwood	Montane Riparian	Pasture	Perennial Grassland	Sagebrush	Valley Foothill Riparian	Wet Meadow
		Total:	0.08	0.42	0.20	0.22	0.01	0.21	0.05	0.00	0.40	0.03	1.85	0.00	0.02
Birds															
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	SFS	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.03	0.00	0.00	0.00
Bald Eagle	<i>Haliaeetus leucocephalus</i>	FS,SE,SFP,SFS	0.00	0.42	0.20	0.00	0.01	0.21	0.05	0.00	0.00	0.03	1.85	0.00	0.02
Bank Swallow	<i>Riparia riparia</i>	FS,ST	0.00	0.06	0.11	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.02	0.00	0.01
Black Tern	<i>Chlidonias niger</i>	SSC	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
Burrowing Owl	<i>Athene cunicularia</i>	FS,SCE,SSC	0.08	0.42	0.20	0.22	0.01	0.21	0.00	0.00	0.40	0.03	1.84	0.00	0.02
California Spotted Owl	<i>Strix occidentalis occidentalis</i>	FS,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	0.08	0.42	0.20	0.22	0.01	0.21	0.05	0.00	0.40	0.03	1.85	0.00	0.02
Greater Sandhill Crane	<i>Antigone canadensis tabida</i>	FS,SFP,ST	0.00	0.42	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.08	0.42	0.20	0.22	0.01	0.21	0.05	0.00	0.00	0.03	1.84	0.00	0.02
Long-Billed Curlew	<i>Numenius americanus</i>	None	0.00	0.42	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
Long-Eared Owl	<i>Asio otus</i>	SSC	0.00	0.42	0.20	0.22	0.01	0.21	0.05	0.00	0.40	0.03	1.85	0.00	0.02
Northern Goshawk	<i>Accipiter gentilis</i>	FS,SSC,SFS	0.00	0.00	0.03	0.00	0.01	0.02	0.05	0.00	0.00	0.00	1.21	0.00	0.00
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.08	0.42	0.20	0.22	0.01	0.21	0.05	0.00	0.00	0.03	0.00	0.00	0.02
Short-Eared Owl	<i>Asio flammeus</i>	SSC	0.08	0.42	0.20	0.22	0.01	0.21	0.00	0.00	0.00	0.03	1.85	0.00	0.02
Swainson's Hawk	<i>Buteo swainsoni</i>	FS,ST	0.00	0.42	0.20	0.22	0.01	0.21	0.05	0.00	0.40	0.03	1.84	0.00	0.02
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	0.00	0.31	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
Vaux's Swift	<i>Chaetura vauxi</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
Willow Flycatcher	<i>Empidonax traillii</i>	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	0.02
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	0.00	0.22	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Yellow-Headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	SSC	0.00	0.42	0.00	0.22	0.00	0.00	0.00	0.00	0.40	0.03	0.00	0.00	0.02
Mammals															
American Badger	<i>Taxidea taxus</i>	SSC	0.08	0.42	0.20	0.22	0.01	0.21	0.05	0.00	0.40	0.03	1.85	0.00	0.02
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.08	0.42	0.20	0.22	0.01	0.21	0.05	0.00	0.40	0.03	1.85	0.00	0.02
Pygmy Rabbit	<i>Brachylaqus idahoensis</i>	FS,SSC	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.84	0.00	0.00
Sierra Nevada Snowshoe Hare	<i>Lepus americanus tahoensis</i>	SSC	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 Bat	<i>Euderma maculatum</i>	FS,SSC	0.08	0.42	0.20	0.00	0.01	0.21	0.00	0.00	0.00	0.03	1.85	0.00	0.02
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.08	0.42	0.20	0.22	0.01	0.21	0.05	0.00	0.40	0.03	1.85	0.00	0.02
Western White-Tailed Jackrabbit	<i>Lepus townsendii townsendii</i>	SSC	0.00	0.00	0.00	0.22	0.01	0.21	0.00	0.00	0.00	0.03	1.85	0.00	0.02
Wolverine	<i>Gulo gulo</i>	FS,FT,SFP,ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
Reptiles															
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	0.00	0.42	0.00	0.00	0.00	0.00	0.05	0.00	0.40	0.00	0.00	0.00	0.02
Plants															
Boggs Lake Hedge-Hyssop	<i>Gratiola heterosepala</i>	FS,SE	0.00	0.42	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	<i>Brodiaea rosea</i>	FS,SE	0.00	0.42	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Slender Orcutt Grass	<i>Orcuttia tenuis</i>	FT,SE	0.00	0.42	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	<i>Rorippa subumbellata</i>	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
Tracy's Eriastrum	<i>Eriastrum tracyi</i>	FS,SR	0.00	0.42	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Webber's Ivesia	<i>Ivesia webberi</i>	FS,FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00
Invertebrate															
Western Bumble Bee	<i>Bombus occidentalis</i>	FS,SCE	0.00	0.05	0.09	0.00	0.00	0.19	0.00	0.00	0.07	0.00	0.02	0.00	0.01

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

Common Name	Species Name	Status	Annual Grassland	Blue Oak Woodland	Mixed Chaparral
		Total:	0.04	0.16	0.12
Amphibians					
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	0.04	0.16	0.12
Foothill Yellow Legged Frog - North Coast DPS	<i>Rana boylei</i>	SSC, FS	0.04	0.16	0.12
Birds					
Bald Eagle	<i>Haliaeetus leucocephalus</i>	FS,SE,SFP,SFS	0.04	0.16	0.12
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	0.04	0.16	0.12
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	0.04	0.00	0.00
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.04	0.16	0.12
Long-Eared Owl	<i>Asio otus</i>	SSC	0.04	0.16	0.12
Northern Goshawk	<i>Accipiter gentilis</i>	FS, SSC, SFS	0.00	0.16	0.12
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	0.04	0.00	0.00
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	0.04	0.16	0.12
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.16	0.12
Mammals					
American Badger	<i>Taxidea taxus</i>	SSC	0.04	0.16	0.12
Gray Wolf	<i>Canis lupus</i>	FE,SE	0.04	0.00	0.00
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.04	0.16	0.12
Spotted Bat	<i>Euderma maculatum</i>	FS,SSC	0.04	0.16	0.00
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.04	0.16	0.12
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	0.04	0.16	0.12
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	0.04	0.16	0.12
Reptiles					
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS, SSC	0.04	0.16	0.12
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	0.04	0.16	0.12
Plants					
Boggs Lake Hedge-Hyssop	<i>Gratiola heterosepala</i>	FS,SE	0.04	0.00	0.00
Indian Valley Brodiaea	<i>Brodiaea rosea</i>	FS,SE	0.04	0.16	0.12
Invertebrate					
Vernal Pool Fairy Shrimp	<i>Branchinecta lynchi</i>	FT	0.04	0.00	0.00

Common Name	Species Name	Status	Annual Grassland	Barren	Bitterbrush	Blue Oak-Foothill Pine	Cropland	Estadde Pine	Jeffrey Pine	Juniper	Lacustrine	Lodgepole Pine	Low Sage	Mixed Chaparral	Montane Chaparral	Montane Hardwood	Montane Herwood-Conifer	Montane Riparian	Pasture	Perennial Grassland	Ponderosa Pine	Red Fir	Sagebrush	Sierran Mixed Conifer	Wet Meadow	White Fir
Amphibians																										
California Red-Legged Frog	<i>Rana draytoni</i>	FT SSC	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.00	0.00	0.71	0.00	0.00	0.00	2.87	0.00	0.00	0.00	0.00	
Cascades Frog	<i>Rana cascadae</i>	FS SCE SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	2.98	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.04	0.00	0.00	27.05	3.42	
Coastal Tailed Frog	<i>Aquasila talpoidea</i>	SSC	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	0.00	0.00	0.00	0.00	6.54	0.00	0.00	0.00	0.00	
Foothill Yellow-Legged Frog - Feather River DPS	<i>Rana boylei</i>	FT ST FS	4.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.25	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	73.08	3.39	
Foothill Yellow-Legged Frog - North Coast DPS	<i>Rana boylei</i>	SSC FS	1.34	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.15	9.02	0.04	0.77	0.27	0.00	0.00	11.71	0.00	0.00	89.45	0.11	
Northwest Leaved Frog	<i>Lithobates sylvaticus</i>	SSC	0.11	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	0.00	0.00	0.00	0.22	0.00	0.00	0.59	0.03	
Southern Long-Toed Salamander	<i>Ambystoma macrodactylum boltoni</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.97	2.98	0.00	0.00	0.00	0.04	0.75	0.27	0.00	0.00	9.84	0.04	0.00	162.32	3.42	
Birds																										
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	SFS	6.38	101.43	1.09	0.16	0.00	29.70	0.53	0.00	0.97	2.98	0.02	3.15	41.98	0.04	0.77	0.27	0.00	0.92	11.75	0.04	5.08	162.51	3.51	
American White Pelican	<i>Pelecanus erythrorhynchos</i>	SSC	0.00	93.80	0.00	0.00	0.00	0.00	0.00	0.00	0.97	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	
Bald Eagle	<i>Haliaeetus leucocephalus</i>	FS SFP SFS	6.38	101.43	1.09	0.16	0.00	29.70	0.53	0.00	0.97	2.98	0.02	3.15	41.98	0.04	0.77	0.27	0.00	0.92	11.75	0.04	5.08	162.51	3.51	
Bank Swallow	<i>Iridoprocne iopis</i>	FS ST	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	
Black Swift	<i>Cypseloides niger</i>	SSC	0.03	12.24	0.00	0.16	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.22	0.02	0.04	0.00	0.00	0.74	0.00	0.00	1.41	0.00	
Black Tern	<i>Chlidonias niger</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.39	0.00	
Burrowing Owl	<i>Athene cunicularia</i>	FS SCE SSC	1.09	3.19	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.69	0.00	0.00	
California Scopsd Owl	<i>Strix occidentalis occidentalis</i>	FS SSC	0.00	0.00	0.00	0.00	0.00	27.82	0.53	0.00	0.00	2.98	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00	2.98	0.04	0.00	161.31	0.00	
Golden Eagle	<i>Aquila calurus</i>	FS SFP SFS	6.38	101.43	1.09	0.16	0.00	29.70	0.53	0.00	0.97	2.98	0.02	3.15	41.98	0.04	0.77	0.27	2.10	0.92	11.75	0.04	5.08	162.51	3.51	
Grasshopper Sparrow	<i>Ammodramus saviarum</i>	SSC	1.12	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Great Gray Owl	<i>Strix nebulosa</i>	FS SE SFS	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.77	0.00	
Greater Sandhill Crane	<i>Antelope canadensis tabula</i>	FS SFP ST	6.38	101.43	1.09	0.16	0.00	29.70	0.53	0.00	0.97	2.98	0.02	3.15	41.98	0.04	0.77	0.27	0.00	0.92	11.75	0.04	5.08	162.51	3.51	
Lutescent Shrike	<i>Lanius ludovicianus</i>	SSC	1.15	0.72	0.32	0.00	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	0.00	0.00	0.14	0.00	0.00	0.00	
Long-Billed Cuckoo	<i>Nyctalus americanus</i>	Nyne	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Long-Eared Owl	<i>Asio otus</i>	SSC	6.38	101.43	1.09	0.16	0.00	29.70	0.53	0.00	0.97	2.98	0.02	3.15	41.98	0.04	0.77	0.27	2.10	0.92	11.75	0.04	5.08	162.51	3.51	
Northern Goldenhawk	<i>Accipiter gentilis</i>	FS SSC SFS	0.00	0.00	0.00	0.16	0.00	29.70	0.53	0.00	0.00	2.98	0.02	3.15	41.98	0.04	0.77	0.27	0.00	0.00	11.75	0.04	5.08	162.51	3.51	
Northern Harrier	<i>Circus hudsonius</i>	SSC	1.15	0.40	0.91	0.00	0.00	27.81	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Northern Scopsd Owl	<i>Strix occidentalis caurina</i>	FT SFP ST	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.71	0.00	0.00	0.00	0.00	0.00	
Olive-Sided Flycatcher	<i>Colaptes cafer</i>	SSC	0.00	0.00	0.00	0.16	0.00	29.70	0.53	0.00	0.00	2.98	0.00	3.15	0.00	0.04	0.77	0.27	0.00	0.00	11.75	0.04	0.00	162.51	0.00	
Purplish Martin	<i>Progne subis</i>	SSC	5.31	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.04	0.05	0.00	0.00	0.92	9.10	0.00	0.00	86.50	3.51	
Redhead	<i>Ardea herodias</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	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	
Short-Eared Owl	<i>Asio flammeus</i>	SSC	1.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Swainson's Hawk	<i>Buteo swainsoni</i>	FS ST	0.06	0.45	0.24	0.00	0.00	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	0.11	0.00	0.00	0.00	
White Swift	<i>Chaetura vauxi</i>	SSC	0.00	0.00	0.00	0.16	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	0.00	0.00	0.00	0.00	0.00	0.00	
Willow Flycatcher	<i>Empidonax traillii</i>	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Yellow Warbler	<i>Setophaga ruticilla</i>	SSC	0.00	0.00	0.00	0.16	0.00	29.70	0.53	0.00	0.00	2.98	0.00	3.15	41.98	0.04	0.77	0.27	0.00	0.00	11.75	0.04	0.00	162.51	0.00	
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Yellow-Headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	SSC	5.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.78	0.00	0.00	0.00	0.00	
Mammals																										
American Badger	<i>Taxidea taxus</i>	SSC	6.38	101.43	1.09	0.16	0.00	29.70	0.53	0.00	0.00	2.98	0.02	3.15	41.98	0.04	0.77	0.27	2.10	0.92	11.75	0.04	5.08	162.51	3.51	
Fisher	<i>Peltandra pennsylvanica</i>	FS SSC	0.00	0.00	0.00	0.00	0.00	26.84	0.53	0.00	0.00	2.98	0.00	0.00	0.00	0.00	0.77	0.27	0.00	0.00	11.72	0.04	0.00	162.51	0.00	
Fine Wolf	<i>Canis lupus</i>	FS SE	6.38	6.75	0.08	0.00	0.00	6.11	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	0.00	0.00	0.00	
Golden Shrew	<i>Sorex araneus idahoensis</i>	SSC	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Palmyr Bat	<i>Antrozous pallidus</i>	FS SSC	6.38	101.43	1.09	0.16	0.00	29.70	0.53	0.00	0.00	2.98	0.02	3.15	41.98	0.04	0.77	0.27	2.10	0.92	11.75	0.04	5.08	162.51	3.51	
Sierra Nevada Red Fox - Southern Cascades DPS	<i>Vulpes vulpes necator</i>	ST FS	5.09	29.19	0.00	0.00	0.00	2.04	0.53	0.00	0.00	2.98	0.00	0.00	32.25	0.00	0.00	0.00	0.00	1.95	0.28	0.04	0.00	98.86	3.42	
Scotell Bat	<i>Eidemia maculata</i>	FS SSC	5																							

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



District 2 Watershed Impacts to Riparian, Waters, Wetlands, and Fish Species Summary Table

HUC 8 NAME			Riparian	Waters	Wetland
Common Species Name	Scientific Species Name	Listing Status			
Battle Creek			17.28	0.78	4.63
Chinook Salmon - Central Valley Spring-Run ESU	<i>Oncorhynchus tshawytscha pop. 11</i>	FT,ST		0.20	0.00
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus pop. 11</i>	FT,SSC		0.20	0.00
Big Chico Creek-Sacramento River			0.63	0.03	6.83
Chinook Salmon - Central Valley Spring-Run ESU	<i>Oncorhynchus tshawytscha pop. 11</i>	FT,ST		0.03	0.00
Chinook Salmon - Sacramento River Winter-Run ESU	<i>Oncorhynchus tshawytscha pop. 7</i>	FE,SE		0.03	0.00
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus pop. 11</i>	FT,SSC		0.03	0.00
Clear Creek-Sacramento River			1.28	0.13	0.00
Chinook Salmon - Central Valley Spring-Run ESU	<i>Oncorhynchus tshawytscha pop. 11</i>	FT,ST		0.09	0.00
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus pop. 11</i>	FT,SSC		0.09	0.00
Cottonwood Creek			0.52	0.18	0.00
N/A	N/A	N/A		0.00	0.00
Cow Creek			0.45	0.01	0.00
Chinook Salmon - Central Valley Spring-Run ESU	<i>Oncorhynchus tshawytscha pop. 11</i>	FT,ST		0.01	0.00
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus pop. 11</i>	FT,SSC		0.01	0.00
East Branch North Fork Feather			1.93	0.15	0.01
N/A	N/A	N/A		0.00	0.00
Goose Lake			0.04	0.19	0.55
Modoc Sucker	<i>Catostomus microps</i>	SE,SFP		0.19	0.06
Honey-Eagle Lakes			2.41	1.18	0.18
N/A	N/A	N/A		0.00	0.00
Lower Klamath			1.17	0.04	0.00
Chinook Salmon - Southern Oregon/Northern California Coastal	<i>Oncorhynchus tshawytscha pop. 14</i>	SSC		0.04	0.00
Chinook Salmon - Upper Klamath And Trinity Rivers ESU	<i>Oncorhynchus tshawytscha pop. 30</i>	FS,SSC,ST		0.04	0.00
Steelhead Summer	<i>Oncorhynchus mykiss irideus</i>	None		0.04	0.00
Lower Pit			5.46	0.82	0.04
N/A	N/A	N/A		0.00	0.00
McCloud			5.71	0.14	0.00
N/A	N/A	N/A		0.00	0.00
Middle Fork Feather			5.48	0.63	1.02
N/A	N/A	N/A		0.00	0.00
North Fork Feather			9.59	0.43	10.68
N/A	N/A	N/A		0.00	0.00
Paynes Creek-Sacramento River			0.14	0.83	0.00
Chinook Salmon - Central Valley Spring-Run ESU	<i>Oncorhynchus tshawytscha pop. 11</i>	FT,ST		0.83	0.00
Chinook Salmon - Sacramento River Winter-Run ESU	<i>Oncorhynchus tshawytscha pop. 7</i>	FE,SE		0.83	0.00
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus pop. 11</i>	FT,SSC		0.83	0.00
Sacramento Headwaters			6.95	0.66	0.02
N/A	N/A	N/A		0.00	0.00
Scott			0.26	0.24	0.00
Chinook Salmon - Southern Oregon/Northern California Coastal	<i>Oncorhynchus tshawytscha pop. 14</i>	SSC		0.24	0.00
Chinook Salmon - Upper Klamath And Trinity Rivers ESU	<i>Oncorhynchus tshawytscha pop. 30</i>	FS,SSC,ST		0.24	0.00
Steelhead Summer	<i>Oncorhynchus mykiss irideus</i>	None		0.20	0.00
Shasta			0.25	0.09	0.16
Chinook Salmon - Southern Oregon/Northern California Coastal	<i>Oncorhynchus tshawytscha pop. 14</i>	SSC		0.06	0.09
Chinook Salmon - Upper Klamath And Trinity Rivers ESU	<i>Oncorhynchus tshawytscha pop. 30</i>	FS,SSC,ST		0.06	0.09

District 2 Watershed Impacts to Riparian, Waters, Wetlands, and Fish Species Summary Table

HUC 8 NAME			Riparian	Waters	Wetland
Common Species Name	Scientific Species Name	Listing Status			
South Fork Trinity			1.67	0.15	0.00
Chinook Salmon - Southern Oregon/Northern California Coastal	<i>Oncorhynchus tshawytscha</i> pop. 14	SSC		0.08	0.00
Chinook Salmon - Upper Klamath And Trinity Rivers ESU	<i>Oncorhynchus tshawytscha</i> pop. 30	FS,SSC,ST		0.15	0.00
Steelhead Summer	<i>Oncorhynchus mykiss irideus</i>	None		0.08	0.00
Surprise Valley			0.78	0.11	0.00
Modoc Sucker	<i>Catostomus microps</i>	SE,SFP		0.11	0.00
Thomes Creek-Sacramento River			0.28	0.10	0.10
Chinook Salmon - Central Valley Spring-Run ESU	<i>Oncorhynchus tshawytscha</i> pop. 11	FT,ST		0.10	0.00
Chinook Salmon - Sacramento River Winter-Run ESU	<i>Oncorhynchus tshawytscha</i> pop. 7	FE,SE		0.10	0.00
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus</i> pop. 11	FT,SSC		0.10	0.00
Trinity			13.06	0.34	0.00
Chinook Salmon - Southern Oregon/Northern California Coastal	<i>Oncorhynchus tshawytscha</i> pop. 14	SSC		0.31	0.00
Chinook Salmon - Upper Klamath And Trinity Rivers ESU	<i>Oncorhynchus tshawytscha</i> pop. 30	FS,SSC,ST		0.31	0.00
Steelhead Summer	<i>Oncorhynchus mykiss irideus</i>	None		0.25	0.00
Upper Klamath			3.98	1.59	0.00
Chinook Salmon - Southern Oregon/Northern California Coastal	<i>Oncorhynchus tshawytscha</i> pop. 14	SSC		1.50	0.00
Chinook Salmon - Upper Klamath And Trinity Rivers ESU	<i>Oncorhynchus tshawytscha</i> pop. 30	FS,SSC,ST		1.59	0.00
Lost River Sucker	<i>Deltistes luxatus</i>	FE,SE,SFP		1.59	0.00
Steelhead Summer	<i>Oncorhynchus mykiss irideus</i>	None		1.43	0.00
Upper Pit			0.53	0.34	8.83
Modoc Sucker	<i>Catostomus microps</i>	SE,SFP		0.34	8.42

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
- **Key:** Caltrans District 3 – Ecoregion Section Impact by Species Special Status Species Acronym Key
- **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
- **Table:** Caltrans District 3 – Sierra Nevada 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 Riparian, Waters, Wetlands, and Fish Species Summary Table

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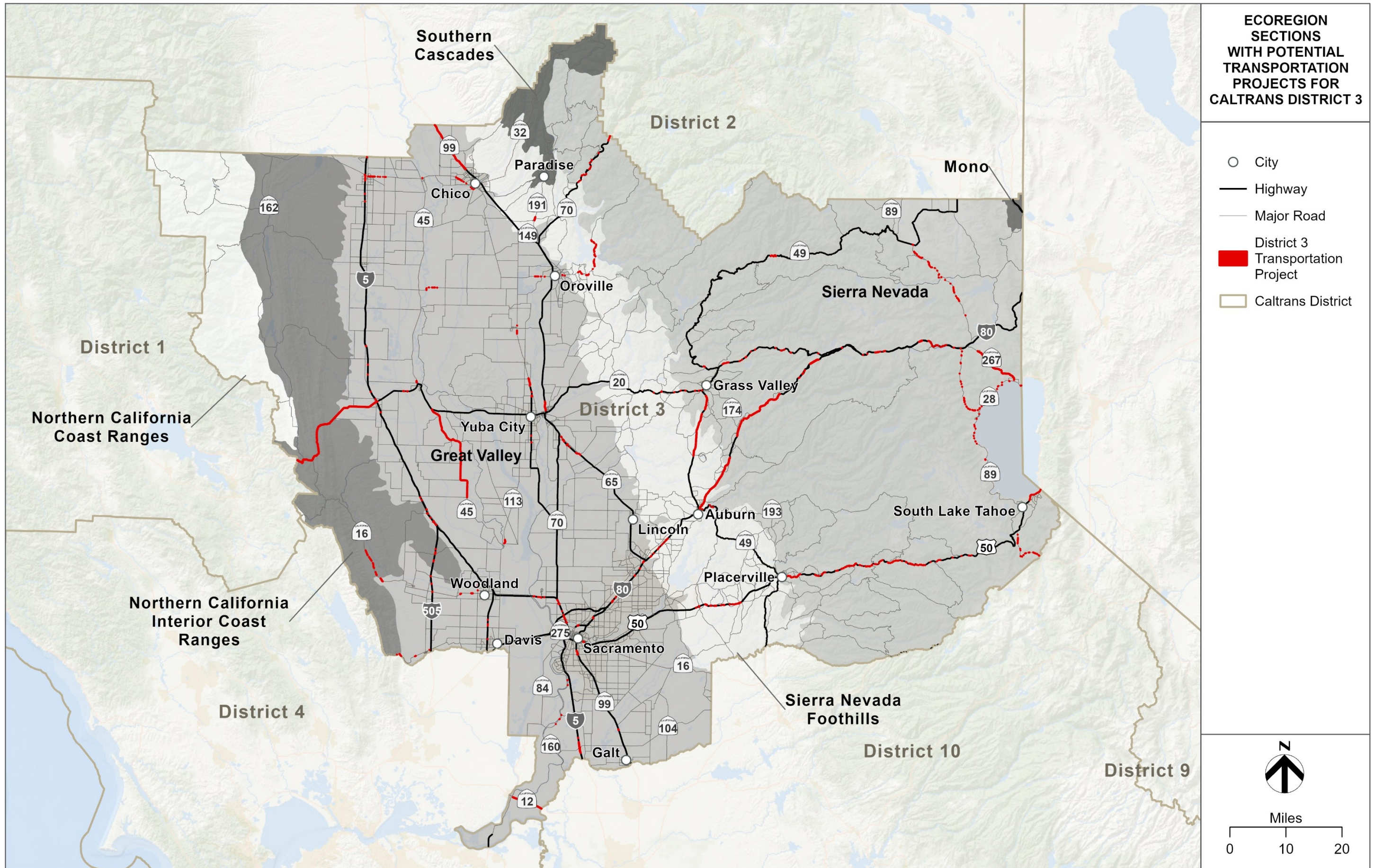
Caltrans District 3 - Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC 8	Footprint in HUC8 (Acres)
15994	ED	50	18.7	R29.1	Pavement	2024/25	Sierra Nevada	3.22	South Fork American	3.44
							Sierra Nevada Foothills	0.22		
16336	YUB	70	15.07	16.5	Pavement	2023/24	Great Valley	6.68	Honcut Headwaters-Lower Feather	6.68
16363	SAC	5	25.3	M2.49	Pavement	2025/26	Great Valley	3.08	Lower American	0.11
									Upper Coon-Upper Auburn	2.97
16365	COL	5	R16.6	R34.365	Pavement	2028/29	Great Valley	0.83	Sacramento-Stone Corral	0.83
16387	BUT	162	15.6	18.5	Pavement	2024/25	Great Valley	1.81	Honcut Headwaters-Lower Feather	1.81
16915	BUT	99	R3.1	5	Pavement	2023/24	Great Valley	1.02	Butte Creek	0.06
									Honcut Headwaters-Lower Feather	0.96
16920	PLA	80	17.2	R26.5	Pavement	2027/28	Sierra Nevada	24.37	North Fork American	7.28
									Upper Bear	1.24
									Upper Coon-Upper Auburn	15.85
							Sierra Nevada Foothills	38.00	North Fork American	3.90
									Upper Coon-Upper Auburn	34.10
16921	YOL	128	0	9.8	Pavement	2030/31	Great Valley	0.16	Lower Sacramento	0.05
									Upper Putah	0.11
16922	SIE	49	15.6	16.9	Drainage	2030/31	Sierra Nevada	1.08	Upper Putah	0.31
									Upper Yuba	1.08
16926	GLE	32	L0.0	10.9	Pavement	2025/26	Great Valley	1.03	Big Chico Creek-Sacramento River	0.03
									Sacramento-Stone Corral	0.99
16941	PLA	80	33	44.9	Pavement	2024/25	Sierra Nevada	70.50	North Fork American	43.42
									Upper Bear	27.09
17729	NEV	49	R10.8	R13.3	Proactive Safety	2025/26	Sierra Nevada	13.83	Upper Bear	13.83
18156	SAC	50	R0.3	R1.37	Mobility - Operational Improvements	2031/32	Great Valley	6.86	Lower Sacramento	6.86
18428	PLA	80	39.5	R55.1	Pavement	2023/24	Sierra Nevada	44.03	North Fork American	17.14
									Upper Bear	26.89
20399	SAC	99	21.3	R24.351	Pavement	2025/26	Great Valley	1.10	Lower Sacramento	1.10
20400	PLA	80	7.1	17.5	Pavement	2031/32	Sierra Nevada Foothills	0.94	Lower American	0.94
20401	ED	50	0	R9.0	Pavement	2029/30	Sierra Nevada Foothills	5.68	Upper Cosumnes	5.68
20445	YOL	16	40.5	R43.3	Pavement	2026/27	Great Valley	0.26	Upper Cache	0.26
20453	PLA	89	0	13.1	Pavement	2029/30	Sierra Nevada	3.09	Lake Tahoe	1.33
									Truckee	1.76
20486	ED	49	0	38.233	Pavement	2026/27	Sierra Nevada	0.39	North Fork American	0.44
							Sierra Nevada Foothills	0.05		
20496	BUT	70	34.1	46	Pavement	2025/26	Sierra Nevada	1.08	North Fork Feather	1.38
							Sierra Nevada Foothills	0.30		
20497	PLA	28	0	9.63	Pavement	2026/27	Sierra Nevada	46.98	Lake Tahoe	14.45
									Truckee	32.53
20546	GLE	162	76.3	84.59	Pavement	2031/32	Great Valley	1.55	Butte Creek	1.55
20557	BUT	162	21	31.07	Pavement	2030/31	Sierra Nevada Foothills	5.38	Honcut Headwaters-Lower Feather	1.26
									Middle Fork Feather	4.12
20566	PLA	80	0	7.8	Pavement	2027/28	Great Valley	0.56	Lower American	0.80
							Sierra Nevada Foothills	0.25		
20567	NEV	80	49.3R	R62.541R	Drainage	2024/25	Sierra Nevada	2.98	North Fork American	1.06
									Upper Bear	0.09
									Upper Yuba	1.83
20572	SAC	51	5.5	6.8	Drainage	2025/26	Great Valley	0.17	Lower American	0.17
21145	ED	50	77.3	80.4	Pavement	2025/26	Sierra Nevada	1.70	Lake Tahoe	1.70
21261	SIE	89	0	15.2	Pavement	2026/27	Sierra Nevada	2.40	Middle Fork Feather	1.52
									Truckee	0.89
21266	GLE	5	R20.0	R28.8	Pavement	2025/26	Great Valley	1.11	Big Chico Creek-Sacramento River	0.12
									Sacramento-Stone Corral	0.99
21267	YOL	5	R22.8	R28.92	Pavement	2027/28	Great Valley	1.32	Sacramento-Stone Corral	1.32
21278	NEV	80	R2.7R	13.04	Pavement	2032/33	Sierra Nevada	3.29	Truckee	3.04
									Upper Yuba	0.25
21910	SUT	99	R33.8	R34.0	Reactive Safety	2023/24	Great Valley	14.78	Honcut Headwaters-Lower Feather	14.78
21931	ED	50	39.7	58.9	Pavement	2024/25	Sierra Nevada	2.84	South Fork American	2.84

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 HUC8 (Acres)
21932	NEV	20	20	41.287	Pavement	2024/25	Sierra Nevada	1.36	Upper Bear	0.11
									Upper Yuba	1.24
21941	NEV	89	0	21.667	Pavement	2024/25	Sierra Nevada	0.87	Truckee	0.87
21943	YUB	65	4	R9.38	Pavement	2025/26	Great Valley	2.21	Honcut Headwaters-Lower Feather	1.82
									Upper Bear	0.39
21961	NEV	20	0	R12.2	Pavement	2029/30	Sierra Nevada	0.59	Upper Bear	0.30
									Upper Yuba	0.29
									Upper Yuba	0.51
21965	ED	50	R28.6	39.7	Pavement	2029/30	Sierra Nevada	4.80	South Fork American	4.80
22316	SUT	99	25	26.2	Reactive Safety	2024/25	Great Valley	0.08	Honcut Headwaters-Lower Feather	0.08
22503	SAC	99	6.04	7.06	Bridge - Health	2024/25	Great Valley	1.38	Upper Cosumnes	1.38
22587	ED	50	25.26	R44.3	Bridge - Health	2030/31	Sierra Nevada	6.91	South Fork American	6.91
22819	SUT	99	T30.7	T35.8	Pavement	2026/27	Great Valley	0.10	Honcut Headwaters-Lower Feather	0.10
22870	SAC	12	0.7	6.11	Reactive Safety	2025/26	Great Valley	20.12	Lower Sacramento	19.61
									Upper Mokelumne	0.51
22873	SAC	80	12.4	17.5	Pavement	2028/29	Great Valley	0.93	Lower American	0.93
22874	ED	89	0	8.6	Pavement	2030/31	Sierra Nevada	1.66	Lake Tahoe	1.66
22877	SAC	160	11.7	35.045	Pavement	2030/31	Great Valley	0.24	Lower Sacramento	0.12
									Upper Mokelumne	0.12
22878	YOL	16	15.1	20.5	Pavement	2027/28	Northern California Interior Coast Ranges	3.98	Upper Cache	3.98
23386	SUT	113	0.4	1.1	Reactive Safety	2025/26	Great Valley	6.80	Sacramento-Stone Corral	6.80
23503	BUT	99	R36.0	45.975	Pavement	2028/29	Great Valley	53.74	Big Chico Creek-Sacramento River	53.74
23564	NEV	80	R5.3R	R5.8R	Roadside	2026/27	Sierra Nevada	1.87	Truckee	0.18
									Upper Yuba	1.69
23632	SAC	160	R44.9	R45.1	Reactive Safety	2024/25	Great Valley	1.41	Lower American	1.41
23647	BUT	191	3.278	3.778	Reactive Safety	2026/27	Sierra Nevada Foothills	5.89	Butte Creek	5.89
23689	ED	89	24.4	25.3	Sustainability/Climate Change	2025/26	Sierra Nevada	1.02	Lake Tahoe	1.02
23691	NEV	49	2.1	9.8	Sustainability/Climate Change	2026/27	Sierra Nevada	3.95	Upper Bear	30.54
									Sierra Nevada Foothills	26.60
23706	YOL	16	37.315	37.729	Reactive Safety	2025/26	Great Valley	0.739	Lower Sacramento	0.74
23785	SAC	5	0.21	4.63	Sustainability/Climate Change	2030/31	Great Valley	1.22	Upper Mokelumne	1.22
23829	YOL	16	39.407	39.558	Proactive Safety	2028/29	Great Valley	2.91	Upper Cache	2.91
24086	SAC	5	1.2	3.1	Reactive Safety	2025/26	Great Valley	13.85	Upper Mokelumne	13.85
24087	NEV	49	17.4	17.95	Reactive Safety	2026/27	Sierra Nevada	0.25	Upper Yuba	0.25
24088	YOL	16	21.2	21.9	Reactive Safety	2026/27	Great Valley	2.65	Upper Cache	2.65
									Great Valley	79.59
24115	COL	20	0	R22.1	Reactive Safety	2027/28	Northern California Interior Coast Ranges	134.34	Sacramento-Stone Corral	79.59
									Sacramento-Stone Corral	87.17
									Upper Cache	47.17
24337	COL	20	R22.4	30.453	Bicycle and Pedestrian Infrastructure	2032/33	Great Valley	2.94	Sacramento-Stone Corral	2.94
24395	YOL	113	R0.0	R5.0	Pavement	2031/32	Great Valley	0.43	Lower Sacramento	0.43
24408	YOL	505	10.1	R22.356	Pavement	2031/32	Great Valley	0.27	Lower Sacramento	0.10
									Upper Cache	0.17
									Northern California Interior Coast Ranges	1.04
24427	BUT	162	10.8	15.5	Bicycle and Pedestrian Infrastructure	2029/30	Great Valley	0.47	Honcut Headwaters-Lower Feather	0.47
24434	GLE	32	L0.0	2	Bicycle and Pedestrian Infrastructure	2029/30	Great Valley	0.36	Sacramento-Stone Corral	0.36
24545	PLA	28	0.085	11.028	Bicycle and Pedestrian Infrastructure	2030/31	Sierra Nevada	0.06	Lake Tahoe	0.06
24746	SUT	99	26.11	30.633	Mobility - ADA	2030/31	Great Valley	0.09	Honcut Headwaters-Lower Feather	0.09
24799	COL	45	0	34.176	Proactive Safety	2032/33	Great Valley	71.24	Sacramento-Stone Corral	71.24
24801	NEV	89	0	5.78	Bridge - Health	2032/33	Sierra Nevada	0.08	Truckee	0.08
25020	BUT	32	5	10.2R	Pavement	2023/24	Great Valley	5.06	Big Chico Creek-Sacramento River	2.31
									Butte Creek	2.75
25242	COL	45	20.25	20.5	Proactive Safety	2028/29	Great Valley	2.81	Sacramento-Stone Corral	2.81
25259	PLA	28	0.085	11	Pavement	2023/24	Sierra Nevada	1.28	Lake Tahoe	1.28

Caltrans District 3 - Ecoregion Sections with Potential Transportation Projects



Ecoregion Section Impact by Species

Special Status Species Acronym Key

District 3

FE = Federally Endangered

FT = Federally Threatened

SE = State Endangered

ST = State Threatened

FCT = Federal Candidate Threatened

FCE = Federal Candidate Endangered

SCT = State Candidate Threatened

SCE = State Candidate Endangered

SFP = State Fully Protected Species

SSC = State Species of Concern

SR = State Rare Species

FS = Federal Sensitive Species (includes USFS sensitive and/or BLM Sensitive)

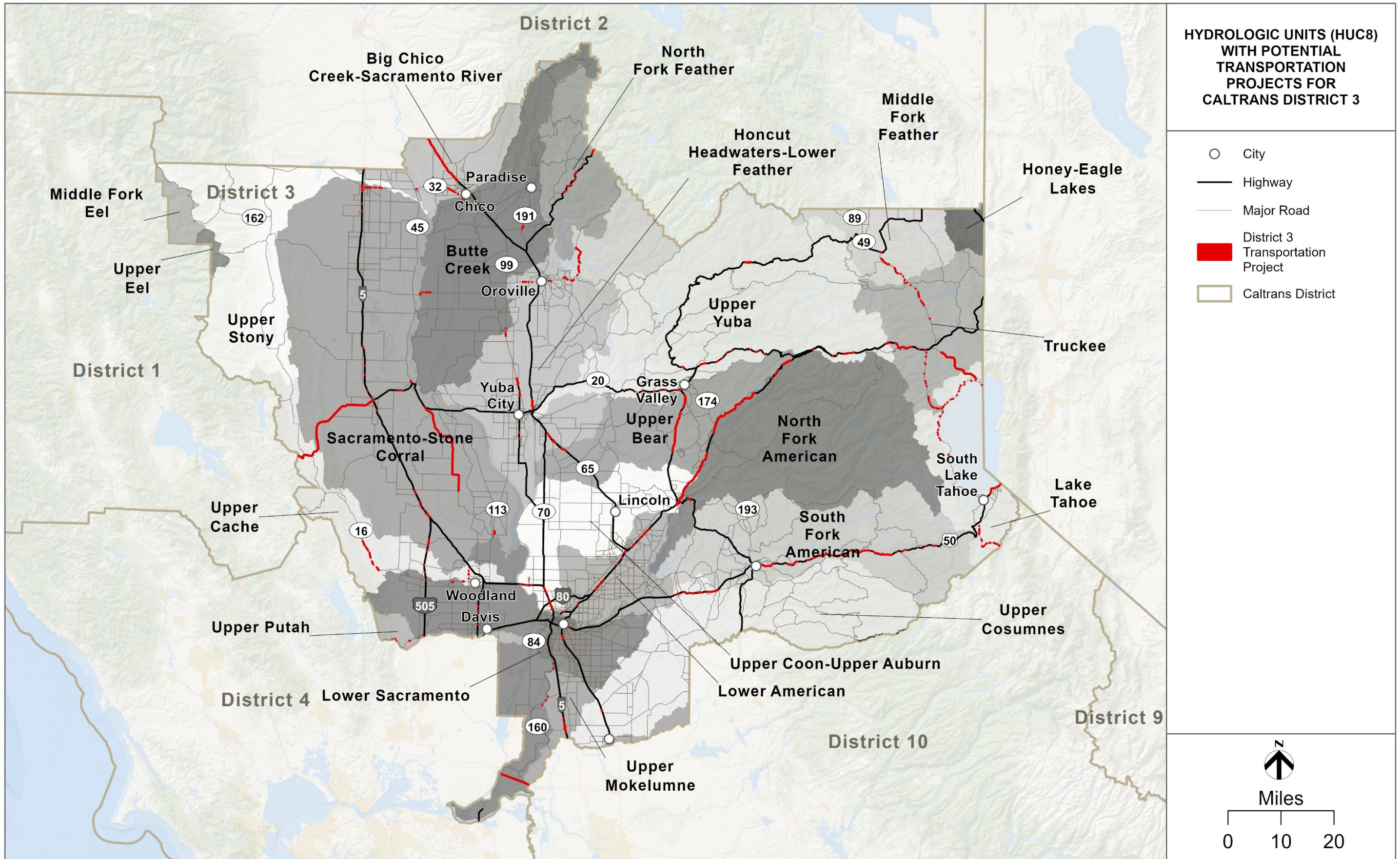
SFS = State Fire Sensitive

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Common Name	Species Name	Status	Annual Grassland	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Deciduous Orchard	Deciduous Orchard; Evergreen Orchard; Vineyard; Irrigated Row and Field Crops	Irrigated Row and Field Crops	Lacustrine	Mixed Chaparral	Montane Hardwood	Montane Riparian	Pasture	Riverine	Valley Oak Woodland	Wet Meadow
Total:			68.15	0.81	28.31	4.67	6.06	0.10	0.02	0.00	11.45	5.31	0.21	2.81	0.07	7.71	0.04
Amphibians																	
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	67.12	0.00	28.31	4.67	0.00	0.00	0.00	0.00	11.45	5.31	0.21	0.00	0.07	7.71	0.04
California Tiger Salamander - Central California DPS	<i>Ambystoma californiense pop. 1</i>	FT,ST	1.28	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	0.00
Foothill Yellow Legged Frog - North Coast DPS	<i>Rana boylei</i>	SSC,FS	68.15	0.00	28.31	4.67	0.00	0.00	0.00	0.00	11.45	5.31	0.21	0.00	0.07	7.71	0.04
Western Spadefoot	<i>Spea hammondi</i>	FCT,FS,SSC	22.05	0.00	8.16	2.61	6.06	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00
Birds																	
Bank Swallow	<i>Riparia riparia</i>	FS,ST	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	0.00	0.00
Burrowing Owl	<i>Athene cucularia</i>	FS,SCE,SSC	11.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.81	0.00	0.00	0.00
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	68.15	0.81	28.31	4.67	0.00	0.00	0.00	0.00	11.45	5.31	0.21	2.81	0.00	7.71	0.04
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	68.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
Little Willow Flycatcher	<i>Empidonax traillii brewsteri</i>	SE	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	0.04
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	68.15	0.81	28.31	4.67	6.06	0.10	0.00	0.00	11.45	5.31	0.21	0.00	0.00	7.71	0.04
Modesto Song Sparrow	<i>Melospiza melodia pop. 1</i>	SSC	0.00	0.00	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
Mountain Plover	<i>Amphispiza montana</i>	FS,SSC	0.00	0.00	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
Northern Harrier	<i>Circus hudsonius</i>	SSC	68.15	0.81	28.31	4.67	6.06	0.10	0.00	0.00	11.45	5.31	0.21	0.00	0.07	7.71	0.04
Swainson's Hawk	<i>Buteo swainsoni</i>	FS,ST	11.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.81	0.00	0.00	0.00
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	68.15	0.00	0.00	0.00	6.06	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	68.15	0.81	28.31	4.67	6.06	0.10	0.02	0.00	11.45	0.00	0.00	0.00	0.00	7.71	0.04
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	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	0.04
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00
Yellow-Headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	SSC	11.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.81	0.00	0.00	0.00
Mammals																	
American Badger	<i>Taxidea taxus</i>	SSC	68.15	0.81	28.31	4.67	6.06	0.10	0.02	0.00	11.45	5.31	0.21	2.81	0.00	7.71	0.04
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	68.15	0.81	28.31	4.67	6.06	0.10	0.00	0.00	11.45	5.31	0.21	2.81	0.07	7.71	0.04
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	68.15	0.81	28.31	4.67	6.06	0.10	0.02	0.00	11.45	5.31	0.21	2.81	0.07	7.71	0.04
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	68.15	0.00	28.31	4.67	0.00	0.00	0.00	0.00	11.45	5.31	0.21	2.81	0.07	7.71	0.04
Reptiles																	
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS,SSC	0.00	0.00	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
Giant Gartersnake	<i>Thamnophis gigas</i>	FT,ST	10.71	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	0.00
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	68.15	0.00	28.31	4.67	0.00	0.00	0.00	0.00	11.45	5.31	0.21	2.81	0.07	7.71	0.04
Invertebrates																	
Valley Elderberry Longhorn Beetle	<i>Desmocerus californicus dimorphus</i>	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00
Vernal Pool Fairy Shrimp	<i>Branchinecta lynchi</i>	FT	58.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
Vernal Pool Tadpole Shrimp	<i>Lepidurus packardii</i>	FE	58.88	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	0.04
Plants																	
Boggs Lake Hedge-Hyssop	<i>Gratiola heterosepala</i>	FS,SE	68.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coyse's Panicum	<i>Panicum acuminatum var. thermale</i>	FS,SE	58.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	7.71	0.00
Indian Valley Brodiaea	<i>Brodiaea rosea</i>	FS,SE	68.15	0.00	28.31	4.67	0.00	0.00	0.00	0.00	11.45	5.31	0.00	0.00	0.00	7.71	0.00
Keck's Checker-Mallow	<i>Sidalcea keckii</i>	FE	1.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lake County Western Flax	<i>Hesperaloe didymocarpum</i>	FS,SE	58.81	0.00	28.31	4.67	0.00	0.00	0.00	0.00	11.45	5.31	0.00	0.00	0.00	7.71	0.00
North Coast Semaphore Grass	<i>Pleuropogon hooverianus</i>	FS,ST	0.00	0.00	28.31	0.00	0.00	0.00	0.00	0.00	11.45	5.31	0.00	0.00	0.00	0.00	0.04
Red Mountain Catchfly	<i>Silene greenii ssp. angustifolia</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.45	0.00	0.00	0.00	0.00	0.00	0.00
Roderick's Fritillary	<i>Fritillaria roderickii</i>	SE	58.81	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
Tracy's Eriastrum	<i>Eriastrum tracyi</i>	FS,SR	58.81	0.00	28.31	4.67	0.00	0.00	0.00	0.00	11.45	5.31	0.00	0.00	0.00	7.71	0.00

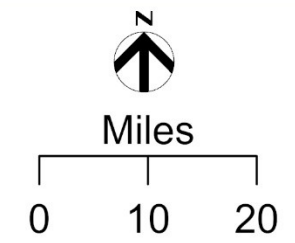
Common Name	Species Name	Status	Annual Grassland	Blue Oak Woodland	Blue Oak-Foothill Pine	Blue Oak-Foothill Pine; Blue Oak Woodland	Mixed Chaparral	Montane Hardwood	Pasture	Valley Foothill Riparian	Valley Oak Woodland	
Amphibians			Total:	9.91	3.59	0.05	5.78	0.44	9.41	0.21	0.63	4.15
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	9.91	3.59	0.05	5.78	0.44	9.41	0.00	0.63	4.15	
Foothill Yellow Legged Frog - Feather River DPS	<i>Rana boylei</i>	FT, ST, FS	6.17	0.69	0.00	1.68	0.02	0.72	0.00	0.15	0.00	
Foothill Yellow Legged Frog - North Sierra DPS	<i>Rana boylei</i>	ST, FS	2.91	2.54	0.00	3.97	0.31	8.69	0.00	0.49	4.15	
Foothill Yellow Legged Frog - South Sierra DPS	<i>Rana boylei</i>	FE, SE, FS	0.82	0.36	0.05	0.13	0.11	0.00	0.00	0.00	0.00	
Western Spadefoot	<i>Spea hammondi</i>	FCT,FS,SSC	5.02	0.48	0.00	0.20	0.00	0.00	0.00	0.00	0.02	
Birds												
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	SFS	0.00	0.00	0.00	0.00	0.31	0.01	0.00	0.00	0.00	
Bald Eagle	<i>Haliaeetus leucocephalus</i>	FS,SE,SFP,SFS	9.91	3.59	0.05	5.78	0.44	9.41	0.00	0.63	4.15	
Black Swift	<i>Cypseloides niger</i>	SSC	0.71	0.03	0.00	0.96	0.00	0.39	0.00	0.15	0.00	
California Spotted Owl	<i>Strix occidentalis occidentalis</i>	FS,SSC	0.00	0.00	0.00	5.40	0.00	9.29	0.00	0.48	0.00	
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	9.91	3.59	0.05	5.78	0.44	9.41	0.21	0.63	4.15	
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	9.91	3.59	0.05	5.78	0.13	9.40	0.00	0.63	4.15	
Long-Eared Owl	<i>Asio otus</i>	SSC	9.91	3.59	0.05	5.78	0.44	9.41	0.21	0.63	4.15	
Northern Goshawk	<i>Accipiter gentilis</i>	FS, SSC, SFS	0.00	1.64	0.00	0.04	0.00	2.50	0.00	0.20	0.53	
Olive-Sided Flycatcher	<i>Contopus cooperi</i>	SSC	0.00	0.00	0.00	0.00	0.31	0.01	0.00	0.00	0.00	
Oregon Vesper Sparrow	<i>Poocetes gramineus affinis</i>	SSC	2.11	1.26	0.05	3.74	0.11	0.00	0.00	0.00	2.27	
Purple Martin	<i>Progne subis</i>	SSC	1.58	1.74	0.00	0.36	0.00	5.77	0.00	0.20	1.88	
Short-Eared Owl	<i>Asio flammeus</i>	SSC	3.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Swainson's Hawk	<i>Buteo swainsoni</i>	FS,ST	0.48	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	9.91	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.00	
Vaux's Swift	<i>Chaetura vauxi</i>	SSC	0.00	0.00	0.00	0.00	0.31	0.01	0.00	0.00	0.00	
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	9.91	3.59	0.05	5.78	0.13	0.00	0.00	0.63	4.15	
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.00	
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	3.59	0.05	5.78	0.44	9.41	0.00	0.63	4.15	
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.00	
Mammals												
American Badger	<i>Taxidea taxus</i>	SSC	9.91	3.59	0.05	5.78	0.44	9.41	0.21	0.63	4.15	
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	9.91	3.59	0.05	5.78	0.44	9.41	0.21	0.63	4.15	
Spotted Bat	<i>Euderma maculatum</i>	FS,SSC	4.74	3.58	0.05	5.58	0.00	0.00	0.00	0.48	4.13	
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	9.91	3.59	0.05	5.78	0.44	9.41	0.21	0.63	4.15	
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	9.91	3.59	0.05	5.78	0.44	9.41	0.21	0.63	4.15	
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	9.91	3.59	0.05	5.78	0.44	9.41	0.21	0.63	4.15	
Reptiles												
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS,SSC	9.91	3.59	0.05	5.78	0.44	0.00	0.00	0.63	4.15	
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	9.91	3.59	0.05	5.78	0.44	9.41	0.21	0.63	4.15	
Invertebrates												
Conservancy Fairy Shrimp	<i>Branchinecta conservatio</i>	FE	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Crotch's Bumble Bee	<i>Bombus crotchii</i>	SCE	0.49	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Valley Elderberry Longhorn Beetle	<i>Desmocerus californicus dimorphus</i>	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	
Vernal Pool Fairy Shrimp	<i>Branchinecta lynchi</i>	FT	1.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Vernal Pool Tadpole Shrimp	<i>Lepidurus packardii</i>	FE	1.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Plants												
Boggs Lake Hedge-Hyssop	<i>Gratiola heterosepala</i>	FS,SE	9.91	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.00	
Delta Button-Celery	<i>Eryngium racemosum</i>	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.00	
El Dorado Bedstraw	<i>Galium californicum ssp. sierrae</i>	FE,SR	0.00	0.36	0.05	0.13	0.11	0.00	0.00	0.00	0.00	
Greene's Tuctoria	<i>Tuctoria greenei</i>	FE,SR	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Hairy Orcutt Grass	<i>Orcuttia pilosa</i>	FE,SE	4.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Hoover's Spurge	<i>Euphorbia hooveri</i>	FT	4.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Indian Valley Brodiaea	<i>Brodiaea rosea</i>	FS,SE	9.91	3.59	0.05	5.78	0.44	9.16	0.00	0.00	4.15	
Layne's Ragwort	<i>Packera layneae</i>	FT,SR	0.00	0.36	0.05	0.13	0.11	0.00	0.00	0.00	0.00	
Pine Hill Ceanothus	<i>Ceanothus roderickii</i>	FE,SR	0.00	0.36	0.05	0.13	0.11	0.00	0.00	0.00	0.00	
Pine Hill Flannelbush	<i>Fremontodendron decumbens</i>	FE,SR	0.00	1.22	0.05	0.13	0.11	1.50	0.00	0.00	0.53	
Scadden Flat Checkerbloom	<i>Sidalcea stipularis</i>	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.00	
Stebbins' Morning-Glory	<i>Calystegia stebbinsii</i>	FE,SE	0.00	2.57	0.05	3.86	0.11	7.98	0.00	0.00	4.11	

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



**HYDROLOGIC UNITS (HUC8)
WITH POTENTIAL
TRANSPORTATION
PROJECTS FOR
CALTRANS DISTRICT 3**

- City
- Highway
- Major Road
- District 3
Transportation
Project
- Caltrans District



District 3 Watershed Impacts to Riparian, Waters, Wetlands, and Fish Species Summary Table

HUC 8 Name			Riparian	Waters	Wetland
Common Species Name	Scientific Species Name	Listing Status			
Big Chico Creek-Sacramento River			1.54	0.45	11.72
Chinook Salmon - Central Valley Spring-Run ESU	<i>Oncorhynchus tshawytscha pop. 11</i>	FT,ST		0.45	0.47
Chinook Salmon - Sacramento River Winter-Run ESU	<i>Oncorhynchus tshawytscha pop. 7</i>	FE,SE		0.38	0.42
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus pop. 11</i>	FT,SSC		0.43	0.47
Butte Creek			0.11	0.04	3.87
Chinook Salmon - Central Valley Spring-Run ESU	<i>Oncorhynchus tshawytscha pop. 11</i>	FT,ST		0.04	0.01
Chinook Salmon - Sacramento River Winter-Run ESU	<i>Oncorhynchus tshawytscha pop. 7</i>	FE,SE		0.02	0.01
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus pop. 11</i>	FT,SSC		0.04	0.01
Honcut Headwaters-Lower Feather			0.92	0.52	0.02
Chinook Salmon - Central Valley Spring-Run ESU	<i>Oncorhynchus tshawytscha pop. 11</i>	FT,ST		0.45	0.00
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus pop. 11</i>	FT,SSC		0.40	0.00
Lake Tahoe			2.29	0.40	0.03
Lahontan Cutthroat Trout	<i>Oncorhynchus clarkii henshawi</i>	FT,SSC		0.34	0.00
Paiute Cutthroat Trout	<i>Oncorhynchus henshawi seleniris</i>	FT,SSC		0.11	0.00
Lower American			0.26	0.03	0.00
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus pop. 11</i>	FT,SSC		0.02	0.00
Lower Sacramento			0.40	0.00	0.03
N/A	N/A	N/A		0.00	0.00
Middle Fork Feather			1.26	0.07	0.03
N/A	N/A	N/A		0.00	0.00
North Fork American			2.85	0.13	0.00
N/A	N/A	N/A		0.00	0.00
North Fork Feather			0.57	0.02	0.00
N/A	N/A	N/A		0.00	0.00
Sacramento-Stone Corral			9.33	2.00	7.39
Chinook Salmon - Central Valley Spring-Run ESU	<i>Oncorhynchus tshawytscha pop. 11</i>	FT,ST		0.57	0.21
Chinook Salmon - Sacramento River Winter-Run ESU	<i>Oncorhynchus tshawytscha pop. 7</i>	FE,SE		0.57	0.21
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus pop. 11</i>	FT,SSC		0.33	0.00
South Fork American			6.35	0.40	0.00
N/A	N/A	N/A		0.00	0.00
Truckee			8.53	0.33	0.54
Lahontan Cutthroat Trout	<i>Oncorhynchus clarkii henshawi</i>	FT,SSC		0.33	0.08
Upper Bear			14.16	0.49	0.10
N/A	N/A	N/A		0.00	0.00
Upper Cache			5.11	0.61	0.07
N/A	N/A	N/A		0.00	2.33
Upper Coon-Upper Auburn			0.50	0.05	0.00
Chinook Salmon - Central Valley Spring-Run ESU	<i>Oncorhynchus tshawytscha pop. 11</i>	FT,ST		0.01	0.00
Chinook Salmon - Sacramento River Winter-Run ESU	<i>Oncorhynchus tshawytscha pop. 7</i>	FE,SE		0.01	0.00
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus pop. 11</i>	FT,SSC		0.02	0.00
Upper Cosumnes			0.32	0.05	0.00
N/A	N/A	N/A		0.00	0.00
Upper Mokelumne			0.22	0.23	0.00
Chinook Salmon - Central Valley Spring-Run ESU	<i>Oncorhynchus tshawytscha pop. 11</i>	FT,ST		0.23	0.00

District 3 Watershed Impacts to Riparian, Waters, Wetlands, and Fish Species Summary Table

HUC 8 Name			Riparian	Waters	Wetland
Common Species Name	Scientific Species Name	Listing Status			
Chinook Salmon - Sacramento River Winter-Run ESU	<i>Oncorhynchus tshawytscha pop. 7</i>	FE,SE		0.01	0.00
Delta Smelt	<i>Hypomesus transpacificus</i>	FT, SE		0.01	0.00
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus pop. 11</i>	FT,SSC		0.23	0.00
Upper Putah			0.22	0.02	0.00
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus pop. 11</i>	FT,SSC		0.02	0.00
Upper Yuba			1.53	0.10	0.03
N/A	N/A	N/A		0.03	0.33

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
- **Key:** Caltrans District 4 – Ecoregion Section Impact by Species Special Status Species Acronym Key
- **Table:** Caltrans District 4 – Central California Coast Ecoregion Section Impact by Species Summary Table
- **Table:** Caltrans District 4 – Central California Coast Ranges 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 Riparian, Waters, Wetlands, and Fish Species Summary Table

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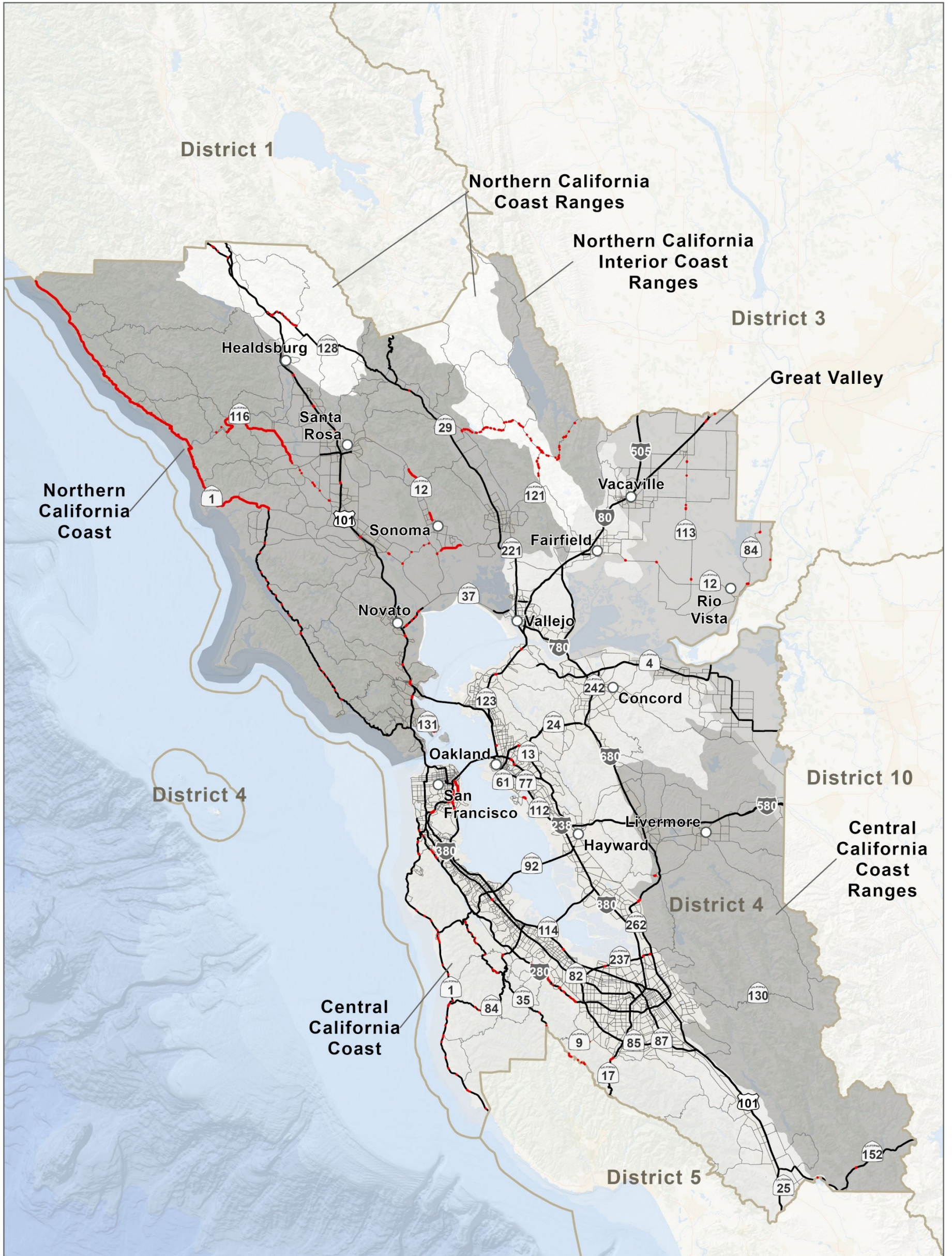
Caltrans District 4 - Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC 8	Footprint in HUC8 (Acres)
9239	ALA	84	16.9	17.5	Bridge	2023/24	Central California Coast Ranges	2.15	San Francisco Bay	2.15
11282	CC	80	7.6	12.75	Bridge	2023/24	Central California Coast	0.97	San Pablo Bay	0.97
11283	SON	116	19.9	33.37	Proactive Safety	2023/24	Northern California Coast	1.83	Russian	1.83
11357	SM	1	17.9	18	Bridge	2025/26	Central California Coast	1.92	San Francisco Coastal South	1.92
11358	SM	84	19.89	19.89	Bridge	2028/29	Central California Coast	1.69	Coyote	1.69
13297	SM	82	9.35	9.35	Proactive Safety	2023/24	Central California Coast	0.57	San Francisco Bay	0.57
13667	SON	116	7.74	25.05	Pavement	2027/28	Northern California Coast	62.12	Russian	62.12
13918	SON	1	0	58.58	Reactive Safety	2023/24	Northern California Coast	208.77	Gualala-Salmon	157.46
									Russian	10.76
									Tomales-Drake Bays	40.56
14169	SCL	17	6.2	6.6	Proactive Safety	2023/24	Central California Coast	1.38	Coyote	1.38
17574	SON	1	45.4	45.4	Drainage	2023/24	Northern California Coast	0.07	Gualala-Salmon	0.07
17842	NAP	29	34.64	34.64	Pavement	2028/29	Northern California Coast	0.08	San Pablo Bay	0.08
17844	SF	280	R0.0	T7.5	Pavement	2023/24	Central California Coast	42.55	San Francisco Bay	42.55
17852	SOL	113	0	8.5	Pavement	2028/29	Great Valley	1.90	Lower Sacramento	1.90
18505	ALA	580	R41.4	44.5	Bridge	2023/24	Central California Coast	5.86	San Francisco Bay	5.86
18571	SOM	12	30.8	30.8	Proactive Safety	2031/32	Northern California Coast	0.94	San Pablo Bay	0.94
18572	SON	121	6.5	8.4	Proactive Safety	2023/24	Northern California Coast	1.23	San Pablo Bay	1.23
18669	SM	1	27.5	34.8	Pavement	2023/24	Central California Coast	0.38	San Francisco Coastal South	0.38
18756	SOL	12	7.9	14.1	Pavement	2023/24	Great Valley	0.93	Suisun Bay	0.93
18831	SON	101	22.81	32.79	Proactive Safety	2023/24	Northern California Coast	5.11	Russian	5.11
18955	ALA	680	M6.3	R6.7	Bridge - Health	2023/24	Central California Coast	2.73	San Francisco Bay	3.30
							Central California Coast Ranges	0.58		
18990	SON	116	21.63	R22.63	Reactive Safety	2025/26	Northern California Coast	10.54	Russian	10.54
19051	SF	101	3.37	3.37	Proactive Safety	2023/24	Central California Coast	1.50	San Francisco Bay	1.50
19077	SM	1	R43.46	R45.12	Proactive Safety	2030/31	Central California Coast	1.78	San Francisco Coastal South	1.78
20324	NAP	128	4.56	19.1	Pavement	2027/28	Northern California Coast	0.50	San Pablo Bay	0.50
							Northern California Coast Ranges	1.16	San Pablo Bay	1.07
									Upper Putah	0.09
20359	SM	84	0	8.33	Pavement	2032/33	Central California Coast	0.24	San Francisco Coastal South	0.24
20627	SCL	237	R0.0	11.08	Pavement	2026/27	Central California Coast	2.02	Coyote	2.02
20749	MRN	37	14.47	14.47	Bridge - Health	2023/24	Northern California Coast	1.06	San Pablo Bay	1.06
21301	SON	116	39.273	39.273	Reactive Safety	2024/25	Northern California Coast	0.82	San Pablo Bay	0.82
21364	SON	12	28.1	31.667	Reactive Safety	2028/29	Northern California Coast	13.98	San Pablo Bay	13.98
22013	MRN	1	6.6	22.6	Drainage	2032/33	Northern California Coast	0.26	Tomales-Drake Bays	0.26
22016	SON	1	0	58.58	Drainage	2029/30	Northern California Coast	8.84	Gualala-Salmon	7.94
									Russian	0.43
									Tomales-Drake Bays	0.48
22018	SON	1	51.1	56.37	Drainage	2025/26	Northern California Coast	1.42	Gualala-Salmon	1.42
22024	SON	116	5.4	31.5	Drainage	2031/32	Northern California Coast	0.75	Russian	0.75
22025	SON	128	1.1	9.5	Drainage	2030/31	Northern California Coast Ranges	1.87	Russian	1.87
22029	SM	35	0	29	Drainage	2028/29	Central California Coast	1.20	Coyote	0.08
									San Francisco Bay	0.58
									San Francisco Coastal South	0.55
22035	NAP	121	13.2	22	Drainage	2031/32	Northern California Coast	0.60	San Pablo Bay	0.42
							Northern California Coast Ranges	0.76	Suisun Bay	0.18
									Upper Putah	0.08
22041	NAP	128	15.7	24.1	Drainage	2032/33	Northern California Coast Ranges	1.26	San Pablo Bay	0.25
									Upper Putah	1.01

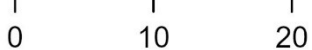
Caltrans District 4 - Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC 8	Footprint in HUC8 (Acres)
22045	NAP	128	24.7	33.3	Drainage	2032/33	Northern California Coast Ranges	0.09	Upper Putah	1.31
							Northern California Interior Coast Ranges	1.23		
22046	SCL	35	8	17	Drainage	2028/29	Central California Coast	1.18	Coyote	1.02
									Monterey Bay	0.11
									San Francisco Coastal South	0.04
22049	MAR	131	2.7	4.39	Drainage	2032/33	Northern California Coast	1.61	San Pablo Bay	1.61
22050	SCL	280	12.1	20.6	Drainage	2030/31	Central California Coast	3.22	Coyote	3.22
22379	SON	101	15.53	15.63	Proactive Safety	2031/32	Northern California Coast	0.76	Russian	0.76
22481	SCL	9	3.6	6.73	Proactive Safety	2032/33	Central California Coast	0.48	Coyote	0.48
22485	SON	121	R7.3	10.36	Reactive Safety	2024/25	Northern California Coast	11.10	San Pablo Bay	11.10
22655	ALA	13	7.4	9.07	Bridge	2027/28	Central California Coast	3.62	San Francisco Bay	2.59
									San Pablo Bay	1.03
22671	SON	101	6.83	6.83	Proactive Safety	2030/31	Northern California Coast	0.81	San Pablo Bay	0.81
22673	ALA	13	13.71	13.71	Proactive Safety	2030/31	Central California Coast	0.19	San Pablo Bay	0.19
22674	SON	116	18.66	18.66	Proactive Safety	2030/31	Northern California Coast	0.53	Russian	0.53
22675	ALA	24	R4.43	R4.43	Proactive Safety	2030/31	Central California Coast	0.73	San Pablo Bay	0.73
22829	SON	12	24.4	35.11	Pavement	2029/30	Northern California Coast	0.05	San Pablo Bay	0.05
22866	MRN	1	22.67	22.67	Drainage	2028/29	Northern California Coast	0.06	Tomales-Drake Bays	0.06
22867	MRN	1	18.69	18.69	Drainage	2028/29	Northern California Coast	0.14	Tomales-Drake Bays	0.14
23076	SOL	113	8.5	19	Pavement	2030/31	Great Valley	3.25	Lower Sacramento	3.25
23077	SON	116	41.81	46.47	Pavement	2029/30	Northern California Coast	0.27	San Pablo Bay	0.27
23083	SOL	80	38.7	R44.72	Pavement	2029/30	Great Valley	0.46	Lower Sacramento	0.18
									Upper Putah	0.27
23154	MAR	37	13.77	13.77	Bridge - Health	2028/29	Northern California Coast	6.81	San Pablo Bay	6.81
23365	ALA	61	17.53	17.9	Sustainability/Climate Change	2032/33	Central California Coast	0.07	San Francisco Bay	1.59
							No Ecoregion - SF Bay	1.52		
23462	SM	1	0	30	Drainage	2031/32	Central California Coast	1.70	San Francisco Coastal South	1.70
23617	SOL	84	12	12.4	Bridge	2025/26	Great Valley	1.62	Lower Sacramento	1.62
23891	MAR	1	28.4	28.6	Bridge	2024/25	Northern California Coast	1.17	Tomales-Drake Bays	1.17
23983	SON	12	34.93	36.1	Proactive Safety	2025/26	Northern California Coast	4.50	San Pablo Bay	4.50
									San Francisco Bay	18.12
24065	SF	101	1.48	2.95	Bridge - Health	2030/31	Central California Coast	18.59	San Francisco Coastal South	0.47
24124	SCL	152	R25.36	R25.36	Bridge	2029/30	Central California Coast Ranges	1.55	Pajaro	1.55
24162	SON	1	32.45	41	Drainage	2031/32	Northern California Coast	0.15	Gualala-Salmon	0.15
24716	SCL	101	49	52.55	Sustainability/Climate Change	2032/33	Central California Coast	1.17	San Francisco Bay	1.17
24720	SOL	84	2.49	3.2	Sustainability/Climate Change	2030/31	Great Valley	3.28	Lower Sacramento	3.28
25027	SON	1	24.5	24.5	Sustainability/Climate Change	2031/32	Northern California Coast	2.00	Gualala-Salmon	2.00
25079	MAR	37	12.1	13.1	Sustainability/Climate Change	2032/33	Northern California Coast	1.47	San Pablo Bay	1.47
25082	SON	116	36.92	36.92	Reactive Safety	2025/26	Northern California Coast	2.07	San Pablo Bay	2.07
25151	MAR	37	R11.2	13.8	Sustainability/Climate Change	2025/26	Northern California Coast	4.41	San Pablo Bay	4.41
25234	SCL	152	R16.8	R23.3	Drainage	2023/24	Central California Coast	0.04	Pajaro	0.04
25284	MAR	1	30	38.4	Drainage	2032/33	Northern California Coast	0.38	Tomales-Drake Bays	0.38
25285	MAR	1	39	45.8	Drainage	2030/31	Northern California Coast	0.28	Tomales-Drake Bays	0.28

Caltrans District 4 - Ecoregion Sections with Potential Transportation Projects



Miles



- Highway
- Major Road
- District 4 Transportation Project
- Caltrans District

ECOREGION SECTIONS WITH POTENTIAL TRANSPORTATION PROJECTS FOR CALTRANS DISTRICT 4

Ecoregion Section Impact by Species

Special Status Species Acronym Key

District 4

FE = Federally Endangered

FT = Federally Threatened

SE = State Endangered

ST = State Threatened

FCT = Federal Candidate Threatened

FCE = Federal Candidate Endangered

SCT = State Candidate Threatened

SCE = State Candidate Endangered

SFP = State Fully Protected Species

SSC = State Species of Concern

SR = State Rare Species

FS = Federal Sensitive Species (includes USFS sensitive and/or BLM Sensitive)

SFS = State Fire Sensitive

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

Common Name	Species Name	Status	Annual Grassland	Valley Foothill Riparian
		Total:	2.15	0.99
Amphibians				
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	2.15	0.99
California Tiger Salamander - Central California DPS	<i>Ambystoma californiense pop. 1</i>	FT,ST	2.15	0.99
Foothill Yellow Legged Frog - Central Coast DPS	<i>Rana boylei</i>	FT, SE, FS	2.15	0.99
Birds				
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	SFS	2.15	0.99
Bald Eagle	<i>Haliaeetus leucocephalus</i>	FS,SE,SFP,SFS	0.01	0.00
Bryant's Savannah Sparrow	<i>Passerculus sandwichensis alaudinus</i>	SSC	0.01	0.00
Burrowing Owl	<i>Athene cunicularia</i>	FS,SCE,SSC	0.60	0.99
California Condor	<i>Gymnogyps californianus</i>	FE,SE,SFP,SFS	2.15	0.00
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	2.15	0.99
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	2.14	0.00
Little Willow Flycatcher	<i>Empidonax traillii brewsteri</i>	SE	0.00	0.99
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	2.15	0.99
Long-Eared Owl	<i>Asio otus</i>	SSC	2.15	0.99
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.01	0.00
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	2.15	0.99
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	2.15	0.99
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.99
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.99
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	0.00	0.99
Mammals				
American Badger	<i>Taxidea taxus</i>	SSC	2.15	0.99
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	2.15	0.99
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	2.15	0.99
Salt-Marsh Harvest Mouse	<i>Reithrodontomys raviventris</i>	FE,SE,SFP	0.01	0.00
Salt-Marsh Wandering Shrew	<i>Sorex vagrans halicoetes</i>	SSC	0.17	0.00
San Francisco Dusky-Footed Woodrat	<i>Neotoma fuscipes annectens</i>	SSC	0.00	0.99
San Joaquin Kit Fox	<i>Vulpes macrotis mutica</i>	FE,ST	2.15	0.99
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	2.15	0.99
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	2.15	0.99
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	2.15	0.99
Reptiles				
Alameda Whipsnake	<i>Masticophis lateralis euryxanthus</i>	FT,ST	0.00	0.99
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS,SSC	2.14	0.99
California Legless Lizard	<i>Anniella spp.</i>	SSC	0.00	0.99
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	2.15	0.99
San Joaquin Coachwhip	<i>Masticophis flagellum ruddocki</i>	SSC	2.14	0.99

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

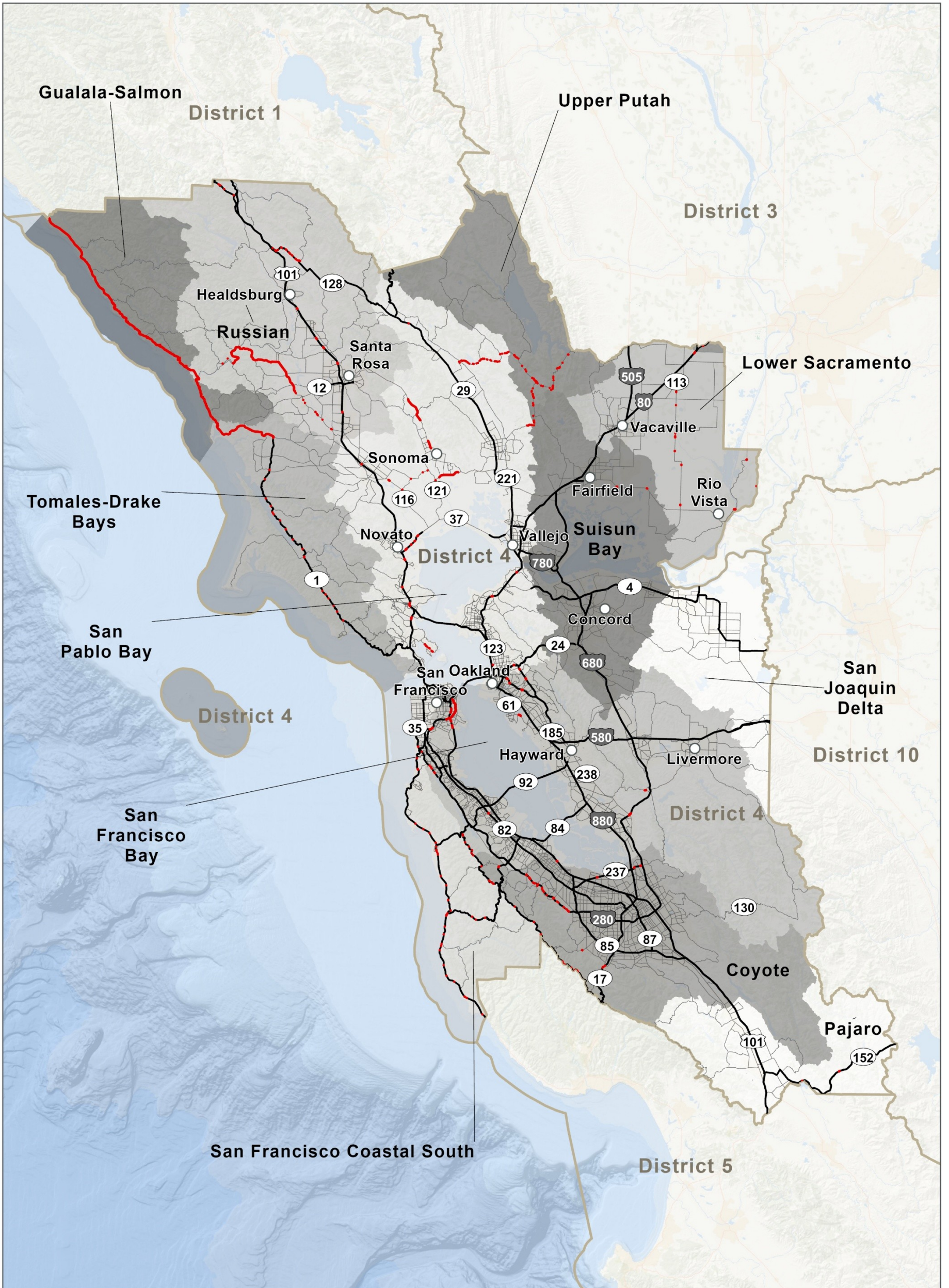
Common Name	Species Name	Status	Annual Grassland	Valley Foothill Riparian
		Total:	2.15	0.99
Invertebrates				
Conservancy Fairy Shrimp	<i>Branchinecta conservatio</i>	FE	0.60	0.00
Vernal Pool Fairy Shrimp	<i>Branchinecta lynchi</i>	FT	0.60	0.00
Vernal Pool Tadpole Shrimp	<i>Lepidurus packardi</i>	FE	0.60	0.00
Plants				
Adobe Sanicle	<i>Sanicula maritima</i>	FS,SR	1.40	0.00
Contra Costa Goldfields	<i>Lasthenia conjugens</i>	FE	0.60	0.00
Dudley's Lousewort	<i>Pedicularis dudleyi</i>	FS,SR	1.40	0.00
Dwarf Goldenstar	<i>Bloomeria humilis</i>	FS,SR	0.93	0.00
Hearsts' Manzanita	<i>Arctostaphylos hookeri ssp. hearstiorum</i>	SE	0.17	0.00
Maritime Ceanothus	<i>Ceanothus maritimus</i>	SR	0.17	0.00
Mason's Lilaeopsis	<i>Lilaeopsis masonii</i>	SR	0.00	0.99
Pacific Grove Clover	<i>Trifolium polyodon</i>	FS,SR	0.17	0.00
Point Reyes Meadowfoam	<i>Limnanthes douglasii ssp. sulphurea</i>	SE	0.17	0.00
Rock Sanicle	<i>Sanicula saxatilis</i>	FS,SR	1.22	0.00
Roderick's Fritillary	<i>Fritillaria roderickii</i>	SE	2.15	0.00
San Francisco Popcornflower	<i>Plagiobothrys diffusus</i>	SE	1.40	0.00

Common Name	Species Name	Status	Annual Grassland	Barren	Cropland; Orchard; Vineyard	Deciduous Orchard	Deciduous Orchard; Evergreen Orchard	Deciduous Orchard; Evergreen Orchard; Vineyard; Irrigated Row and Field Crops	Eucalyptus	Fresh Emergent Wetland	Lacustrine	Riverine	Riverine; Lacustrine	Saline Emergent Wetland	Valley Foothill Riparian	Valley Oak Woodland
Amphibians		Total:	4.49	0.40	0.26	0.14	0.19	0.01	0.13	0.56	0.01	0.01	1.30	0.04	1.00	0.01
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	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
California Tiger Salamander - Central California DPS	<i>Ambystoma californiense pop. 1</i>	FT,ST	4.49	0.00	0.00	0.00	0.00	0.00	0.13	0.56	0.01	0.00	1.29	0.00	1.00	0.01
Foothill Yellow Legged Frog - North Coast DPS	<i>Rana boylei</i>	SSC, FS	4.49	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.01	1.18	0.00	1.00	0.01
Foothill Yellow Legged Frog - South Sierra DPS	<i>Rana boylei</i>	FE, SE, FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00
Western Spadefoot	<i>Spea hammondi</i>	FCT,FS,SSC	4.49	0.00	0.00	0.14	0.19	0.01	0.13	0.56	0.01	0.01	1.30	0.00	0.00	0.01
Birds																
American White Pelican	<i>Pelecanus erythrorhynchos</i>	SSC	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	1.29	0.00	0.00	0.00
Burrowing Owl	<i>Athene cucularia</i>	FS,SCE,SSC	4.49	0.40	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	1.00	0.01
California Black Rail	<i>Laterallus jamaicensis coturniculus</i>	FS,SFP,ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.01	0.01	1.30	0.04	0.00	0.00
California Ridgway's Rail	<i>Rallus obsoletus obsoletus</i>	FE,SE,SFP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.01	0.00	0.00	0.04	0.00	0.00
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	4.49	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Little Willow Flycatcher	<i>Empidonax traillii brewsteri</i>	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	1.00	0.00
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	4.49	0.40	0.00	0.14	0.19	0.01	0.13	0.00	0.00	0.00	0.00	0.00	1.00	0.01
Long-Eared Owl	<i>Asio otus</i>	SSC	0.38	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.90	0.00
Modesto Song Sparrow	<i>Melospiza melodia pop. 1</i>	SSC	3.96	0.00	0.00	0.14	0.19	0.01	0.13	0.34	0.00	0.01	1.30	0.00	1.00	0.01
Mountain Plover	<i>Anathynchus montanus</i>	FS,SSC	4.25	0.40	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Northern Harrier	<i>Circus hudsonius</i>	SSC	4.49	0.40	0.00	0.14	0.19	0.01	0.13	0.56	0.01	0.01	1.29	0.04	1.00	0.01
Redhead	<i>Aythya americana</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.01	0.01	1.29	0.04	0.00	0.00
Short-Eared Owl	<i>Asio flammeus</i>	SSC	4.06	0.00	0.00	0.00	0.00	0.01	0.09	0.45	0.00	0.00	0.00	0.00	0.99	0.01
Suisun Song Sparrow	<i>Melospiza melodia maxillaris</i>	SSC	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Swainson's Hawk	<i>Buteo swainsoni</i>	FS,ST	4.49	0.40	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	1.00	0.01
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	4.49	0.00	0.00	0.14	0.19	0.01	0.13	0.56	0.00	0.00	0.00	0.00	1.00	0.00
Tule Greater White-Fronted Goose	<i>Anser albifrons elgasi</i>	SSC	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.01	0.00	0.00	0.04	0.00	0.00
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	4.49	0.40	0.00	0.14	0.19	0.01	0.13	0.56	0.00	0.00	0.00	0.04	1.00	0.01
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	1.00	0.00
Yellow-Headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	SSC	4.49	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.01	0.00	1.29	0.00	0.00	0.00
Mammals																
American Badger	<i>Taxidea taxus</i>	SSC	4.49	0.40	0.00	0.14	0.19	0.01	0.13	0.00	0.00	0.00	0.00	0.00	1.00	0.01
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	4.45	0.00	0.00	0.14	0.19	0.01	0.13	0.00	0.00	0.00	0.00	0.00	0.95	0.00
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	4.49	0.40	0.00	0.14	0.19	0.01	0.13	0.00	0.00	0.01	1.29	0.00	1.00	0.01
Salt-Marsh Harvest Mouse	<i>Reithrodontomys raviventris</i>	FE,SE,SFP	0.24	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
Suisun Shrew	<i>Sorex ornatus sinuosus</i>	SSC	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.04	0.00	0.00
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	4.49	0.40	0.00	0.14	0.19	0.01	0.13	0.00	0.00	0.01	1.29	0.00	1.00	0.01
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	4.49	0.00	0.00	0.00	0.00	0.00	0.13	0.56	0.01	0.01	1.29	0.00	1.00	0.01
Reptiles																
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS,SSC	4.49	0.00	0.00	0.00	0.00	0.01	0.13	0.00	0.00	0.00	0.00	0.00	1.00	0.01
Giant Gartersnake	<i>Thamnophis gigas</i>	FT,ST	4.25	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.01	0.01	1.29	0.00	1.00	0.01
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	4.49	0.00	0.00	0.00	0.00	0.00	0.13	0.56	0.01	0.01	1.30	0.00	1.00	0.01
Plants																
Boggs Lake Hedge-Hyssop	<i>Gratiola heterosepala</i>	FS,SE	4.49	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	0.00	0.04	1.00	0.00
Colusa Grass	<i>Neostapfia colusana</i>	FT,SE	1.21	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	<i>Lasthenia conjugens</i>	FE	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Indian Valley Brodiaea	<i>Brodiaea rosea</i>	FS,SE	4.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Keck's Checker-Mallow	<i>Sidalcea keckii</i>	FE	1.45	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
Mason's Lilaeopsis	<i>Lilaeopsis masonii</i>	SR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	0.00	0.04	1.00	0.00
Solano Grass	<i>Tuctoria mucronata</i>	FE,SE	1.21	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
Suisun Thistle	<i>Cirsium hydrophilum var. hydrophilum</i>	FE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.04	0.00	0.00
Invertebrates																
Conservancy Fairy Shrimp	<i>Branchinecta conservatio</i>	FE	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	0.00	0.00	0.00	0.00
Crotch's Bumble Bee	<i>Bombus crotchii</i>	SCE	3.96	0.40	0.26	0.14	0.19	0.01	0.13	0.34	0.00	0.01	1.30	0.00	1.00	0.01
Delta Green Ground Beetle	<i>Elaphus viridis</i>	FT	1.89	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
Valley Elderberry Longhorn Beetle	<i>Desmocerus californicus dimorphus</i>	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	1.00	0.00
Vernal Pool Fairy Shrimp	<i>Branchinecta lynchi</i>	FT	3.89	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	0.00	0.00	0.00	0.00
Vernal Pool Tadpole Shrimp	<i>Lepidurus packardii</i>	FE	3.89	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	0.00	0.00	0.00	0.00

Common Name	Species Name	Status	Annual Grassland	Annual Grassland; Perennial Grassland	Barren	Blue Oak Woodland	Blue Oak- Foothill Pine	Chamise- Redshank Chaparral	Coastal Oak Woodland	Lacustrine	Mixed Chaparral	Montane Hardwood	Montane Riparian	Perennial Grassland	Vineyard
Amphibians		Total:	0.45	0.78	0.13	0.30	0.18	0.14	0.70	0.02	0.15	0.27	0.91	0.05	0.26
California Giant Salamander	<i>Dicamptodon ensatus</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.02	0.15	0.24	0.91	0.00	0.00
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	0.45	0.78	0.00	0.30	0.18	0.00	0.70	0.02	0.15	0.27	0.91	0.05	0.00
Foothill Yellow Legged Frog - North Coast DPS	<i>Rana boylei</i>	SSC, FS	0.45	0.78	0.00	0.30	0.18	0.14	0.70	0.00	0.15	0.27	0.91	0.00	0.00
Red-Bellied Newt	<i>Taricha rivularis</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.04	0.00	0.00	0.00
Birds															
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	SFS	0.45	0.78	0.13	0.30	0.18	0.14	0.70	0.02	0.15	0.27	0.91	0.05	0.00
Bald Eagle	<i>Haliaeetus leucocephalus</i>	FS,SE,SFP,SFS	0.45	0.00	0.13	0.30	0.18	0.14	0.26	0.02	0.15	0.24	0.91	0.05	0.00
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	0.45	0.78	0.13	0.30	0.18	0.14	0.70	0.00	0.15	0.27	0.91	0.05	0.00
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	0.45	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
Little Willow Flycatcher	<i>Empidonax traillii brewsteri</i>	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.00	0.00
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.45	0.78	0.13	0.30	0.18	0.14	0.70	0.00	0.15	0.27	0.91	0.05	0.26
Long-Eared Owl	<i>Asio otus</i>	SSC	0.45	0.78	0.00	0.30	0.18	0.14	0.70	0.00	0.15	0.27	0.91	0.05	0.00
Northern Spotted Owl	<i>Strix occidentalis caurina</i>	FT,SFS,ST	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.09	0.00	0.00
Olive-Sided Flycatcher	<i>Contopus cooperi</i>	SSC	0.00	0.00	0.00	0.00	0.18	0.14	0.00	0.00	0.15	0.27	0.91	0.00	0.00
Purple Martin	<i>Progne subis</i>	SSC	0.45	0.78	0.00	0.30	0.18	0.00	0.70	0.02	0.00	0.27	0.91	0.05	0.00
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
Vaux's Swift	<i>Chaetura vauxi</i>	SSC	0.00	0.78	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.04	0.00	0.00	0.00
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	0.45	0.78	0.13	0.30	0.18	0.14	0.70	0.00	0.15	0.00	0.00	0.05	0.26
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.00	0.00
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.04	0.00	0.00	0.00
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
Mammals															
American Badger	<i>Taxidea taxus</i>	SSC	0.45	0.78	0.13	0.30	0.18	0.14	0.70	0.00	0.15	0.27	0.91	0.05	0.26
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.45	0.78	0.13	0.30	0.18	0.14	0.70	0.00	0.15	0.27	0.91	0.05	0.26
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.45	0.78	0.13	0.30	0.18	0.14	0.70	0.00	0.15	0.27	0.91	0.05	0.26
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	0.45	0.78	0.00	0.30	0.18	0.14	0.70	0.02	0.15	0.27	0.91	0.05	0.00
Reptiles															
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	0.45	0.78	0.00	0.30	0.18	0.14	0.70	0.02	0.15	0.27	0.91	0.05	0.00
Invertebrates															
California Freshwater Shrimp	<i>Syncaris pacifica</i>	FE,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
Conservancy Fairy Shrimp	<i>Branchinecta conservatio</i>	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
Valley Elderberry Longhorn Beetle	<i>Desmocerus californicus dimorphus</i>	FT	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
Plants															
Baker's Manzanita	<i>Arctostaphylos bakeri ssp. bakeri</i>	SR	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.04	0.00	0.00	0.00
Baker's Meadowfoam	<i>Limnanthes bakeri</i>	FS,SR	0.00	0.71	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	<i>Gratiola heterosepala</i>	FS,SE	0.45	0.07	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	<i>Lasthenia burkei</i>	FE,SE	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Clara Hunt's Milk-Vetch	<i>Astragalus claranus</i>	FE,SE	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.14	0.03	0.00	0.00	0.00
Contra Costa Goldfields	<i>Lasthenia conjugens</i>	FE	0.45	0.00	0.00	0.30	0.14	0.00	0.26	0.00	0.01	0.21	0.00	0.00	0.00
Few-Flowered Navarretia	<i>Navarretia leucocephala ssp. pauciflora</i>	FE,ST	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
Geysers Panicum	<i>Panicum acuminatum var. thermale</i>	FS,SE	0.45	0.07	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.91	0.00	0.00
Humboldt County Milk-Vetch	<i>Astragalus agnicidus</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.04	0.00	0.00	0.00
Indian Valley Brodiaea	<i>Brodiaea rosea</i>	FS,SE	0.45	0.07	0.00	0.30	0.18	0.14	0.33	0.00	0.15	0.24	0.00	0.00	0.00
Keck's Checker-Mallow	<i>Sidalcea keckii</i>	FE	0.30	0.00	0.00	0.07	0.12	0.00	0.03	0.00	0.01	0.21	0.00	0.00	0.00
Lake County Western Flax	<i>Hesperolinon didymocarpum</i>	FS,SE	0.45	0.07	0.00	0.30	0.18	0.14	0.33	0.00	0.15	0.24	0.00	0.00	0.00
Milo Baker's Lupine	<i>Lupinus milobakeri</i>	SE	0.00	0.71	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.04	0.00	0.00	0.00
North Coast Semaphore Grass	<i>Pleuropogon hooverianus</i>	FS,ST	0.00	0.00	0.00	0.30	0.00	0.00	0.70	0.00	0.15	0.27	0.00	0.00	0.00
Red Mountain Catchfly	<i>Silene greenei ssp. angustifolia</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.15	0.00	0.00	0.00	0.00
Roderick's Fritillary	<i>Fritillaria roderickii</i>	SE	0.45	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
Sebastopol Meadowfoam	<i>Limnanthes vincularis</i>	FE,SE	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
Tracy's Eriastrum	<i>Eriastrum tracyi</i>	FS,SR	0.45	0.07	0.00	0.30	0.18	0.14	0.33	0.00	0.15	0.24	0.00	0.00	0.00

Common Name	Species Name	Status	Annual Grassland	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise-Redshank Chaparral	Mixed Chaparral	Montane Hardwood	Montane Riparian	Total:
										0.04
Amphibians										
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	0.04	0.01	0.13	0.00	0.00	0.28	0.70	
Foothill Yellow Legged Frog - North Coast DPS	<i>Rana boylei</i>	SSC,FS	0.04	0.01	0.13	0.01	0.00	0.28	0.70	
Birds										
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	0.04	0.01	0.13	0.01	0.00	0.28	0.70	
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	0.04	0.00	0.00	0.00	0.00	0.00	0.00	
Little Willow Flycatcher	<i>Empidonax traillii brewsteri</i>	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.70	
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.04	0.01	0.13	0.01	0.00	0.28	0.70	
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.04	0.01	0.13	0.01	0.00	0.28	0.70	
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	0.04	0.00	0.00	0.00	0.00	0.00	0.00	
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	0.04	0.01	0.13	0.01	0.00	0.00	0.00	
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.70	
Mammals										
American Badger	<i>Taxidea taxus</i>	SSC	0.04	0.01	0.13	0.01	0.00	0.28	0.70	
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.04	0.01	0.13	0.01	0.00	0.28	0.70	
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.04	0.01	0.13	0.01	0.00	0.28	0.70	
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	0.04	0.01	0.13	0.01	0.00	0.28	0.70	
Reptiles										
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	0.04	0.01	0.13	0.01	0.00	0.28	0.70	
Invertebrates										
Conservancy Fairy Shrimp	<i>Branchinecta conservatio</i>	FE	0.04	0.00	0.00	0.00	0.00	0.00	0.00	
Valley Elderberry Longhorn Beetle	<i>Desmocerus californicus dimorphus</i>	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.66	
Plants										
Boggs Lake Hedge-Hyssop	<i>Gratiola heterosepala</i>	FS,SE	0.04	0.00	0.00	0.00	0.00	0.00	0.00	
Contra Costa Goldfields	<i>Lasthenia conjugens</i>	FE	0.04	0.01	0.13	0.00	0.00	0.18	0.00	
Few-Flowered Navarretia	<i>Navarretia leucocephala ssp. pauciflora</i>	FE,ST	0.04	0.00	0.00	0.00	0.00	0.00	0.00	
Geyers Panicum	<i>Panicum acuminatum var. thernale</i>	FS,SE	0.04	0.00	0.00	0.00	0.00	0.00	0.70	
Indian Valley Brodiaea	<i>Brodiaea rosea</i>	FS,SE	0.04	0.01	0.13	0.01	0.00	0.28	0.00	
Keck's Checker-Mallow	<i>Sidalcea keckii</i>	FE	0.04	0.01	0.13	0.00	0.00	0.28	0.00	
Lake County Western Flax	<i>Hesperolinon didymocarpum</i>	FS,SE	0.04	0.01	0.13	0.01	0.00	0.28	0.00	
North Coast Semaphore Grass	<i>Pleuropogon hooverianus</i>	FS,ST	0.00	0.01	0.00	0.00	0.00	0.28	0.00	
Red Mountain Catchfly	<i>Silene greenei ssp. angustifolia</i>	FS,SE	0.00	0.00	0.00	0.01	0.00	0.00	0.00	
Roderick's Fritillary	<i>Fritillaria roderickii</i>	SE	0.04	0.00	0.00	0.00	0.00	0.00	0.00	
Tracy's Eriastrum	<i>Eriastrum tracvi</i>	FS,SR	0.04	0.01	0.13	0.01	0.00	0.28	0.00	

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



	<ul style="list-style-type: none"> ○ City — Highway — Major Road 	<ul style="list-style-type: none"> █ District 4 Transportation Project ▭ Caltrans District 	<p>HYDROLOGIC UNITS (HUC8) WITH POTENTIAL TRANSPORTATION PROJECTS FOR CALTRANS DISTRICT 4</p>
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District 4 Watershed Impacts to Riparian, Waters, Wetlands, and Fish Species Summary Table

HUC 8 NAME			Riparian	Waters	Wetland
Common Species Name	Scientific Species Name	Listing Status			
Coyote			2.03	0.35	0.00
Steelhead - Central California Coast DPS	<i>Oncorhynchus mykiss irideus pop. 8</i>	FT,SSC		0.27	0.00
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.29	0.00
Gualala-Salmon			19.27	0.86	1.72
Coho Salmon - Central California Coast ESU	<i>Oncorhynchus kisutch pop. 4</i>	FE,SE		0.55	0.31
Steelhead - Central California Coast DPS	<i>Oncorhynchus mykiss irideus pop. 8</i>	FT,SSC		0.26	0.20
Steelhead - Northern California DPS Winter-Run	<i>Oncorhynchus mykiss irideus pop. 49</i>	FT,SSC		0.29	0.11
Steelhead Northern California DPS	<i>Oncorhynchus mykiss irideus</i>	FT,SSC		0.29	0.11
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.45	0.31
Lower Sacramento			0.28	3.06	0.74
Chinook Salmon - Central Valley Spring-Run ESU	<i>Oncorhynchus tshawytscha pop. 11</i>	FT,ST		2.52	0.00
Chinook Salmon - Sacramento River Winter-Run ESU	<i>Oncorhynchus tshawytscha pop. 7</i>	FE,SE		2.52	0.00
Delta Smelt	<i>Hypomesus transpacificus</i>	FT,SE		0.20	0.14
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus pop. 11</i>	FT,SSC		2.69	0.00
Monterey Bay			0.02	0.00	0.00
N/A	N/A	N/A		0.00	0.00
Pajaro			0.00	0.06	0.00
Steelhead - South Central California Coast DPS	<i>Oncorhynchus mykiss irideus pop. 9</i>	FT,SSC		0.06	0.00
Russian			16.28	1.35	0.00
Chinook Salmon - California Coastal ESU	<i>Oncorhynchus tshawytscha pop. 17</i>	FT,SSC		1.27	0.00
Coho Salmon - Central California Coast ESU	<i>Oncorhynchus kisutch pop. 4</i>	FE,SE		1.34	0.00
Longfin Smelt	<i>Spirinchus thaleichthys</i>	ST		0.15	0.00
Steelhead - Central California Coast DPS	<i>Oncorhynchus mykiss irideus pop. 8</i>	FT,SSC		1.34	0.00
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.99	0.00
San Francisco Bay			1.32	2.85	0.85
Green Sturgeon - Southern DPS	<i>Acipenser medirostris pop. 1</i>	FT,SSC		2.45	0.85
Steelhead - Central California Coast DPS	<i>Oncorhynchus mykiss irideus pop. 8</i>	FT,SSC		2.59	0.85
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		2.51	0.85
San Francisco Coastal South			0.68	0.34	0.19
Coho Salmon - Central California Coast ESU	<i>Oncorhynchus kisutch pop. 4</i>	FE,SE		0.29	0.19
Steelhead - Central California Coast DPS	<i>Oncorhynchus mykiss irideus pop. 8</i>	FT,SSC		0.29	0.19
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.29	0.19
San Pablo Bay			4.01	7.48	3.29
Chinook Salmon - Central Valley Spring-Run ESU	<i>Oncorhynchus tshawytscha pop. 11</i>	FT,ST		0.64	0.11
Coho Salmon - Central California Coast ESU	<i>Oncorhynchus kisutch pop. 4</i>	FE,SE		0.63	0.11
Green Sturgeon - Southern DPS	<i>Acipenser medirostris pop. 1</i>	FT,SSC		1.23	3.26
Steelhead - Central California Coast DPS	<i>Oncorhynchus mykiss irideus pop. 8</i>	FT,SSC		5.09	3.29
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		4.92	3.29
Suisan Bay			0.16	0.05	0.09
Delta Smelt	<i>Hypomesus transpacificus</i>	FT,SE		0.00	0.09
Green Sturgeon - Southern DPS	<i>Acipenser medirostris pop. 1</i>	FT,SSC		0.00	0.09
Steelhead - Central California Coast DPS	<i>Oncorhynchus mykiss irideus pop. 8</i>	FT,SSC		0.02	0.09
Tomales-Drake Bays			5.44	1.10	0.17
Coho Salmon - Central California Coast ESU	<i>Oncorhynchus kisutch pop. 4</i>	FE,SE		0.42	0.03
Steelhead - Central California Coast DPS	<i>Oncorhynchus mykiss irideus pop. 8</i>	FT,SSC		1.10	0.10
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		1.04	0.10
Upper Putah			0.68	0.08	0.00
N/A	N/A	N/A		0.00	0.00

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
- **Key:** Caltrans District 5 – Ecoregion Section Impact by Species Special Status Species Acronym Key
- **Table:** Caltrans District 5 – Central California Coast Ecoregion Section Impact by Species Summary Table
- **Table:** Caltrans District 5 – Central California 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 Riparian, Waters, Wetlands, and Fish Species 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 HUC8 (Acres)
16474	SB	1	R36.3	49.2	Proactive Safety	2023/24	Central California Coast	61.49	Santa Maria	101.15
							Southern California Coast	39.66		
19080	MON	101	R9.2	R22.0	Pavement	2026/27	Central California Coast Ranges	0.97	Salinas	0.97
19084	MON	68	0.2	15.9	Drainage	2023/24	Central California Coast	2.21	Central Coastal	0.74
									Monterey Bay	1.19
									Salinas	0.28
19093	MON	101	R41.9R	49.8	Pavement	2023/24	Central California Coast	0.33	Salinas	0.33
19094	MON	101	R28.2	100.3	Drainage	2024/25	Central California Coast	1.55	Monterey Bay	0.89
									Salinas	0.65
									Central California Coast Ranges	0.43
19096	SB	101	R0.0	R52.2	Drainage	2026/27	Southern California Coast	2.22	Santa Barbara Coastal	2.20
									Santa Ynez	0.02
19147	SB	101	65	84.1	Drainage	2023/24	Central California Coast	0.17	Santa Maria	0.17
									Southern California Coast	0.87
									San Antonio	0.55
19149	SB	101	12.4	22.6	Pavement	2025/26	Southern California Coast	1.48	Santa Barbara Coastal	1.48
19150	SB	101	R52.3	R56.1	Pavement	2023/24	Southern California Coast	0.39	Santa Ynez	0.39
19153	SB	154	R0.0	32.84	Drainage	2023/24	Southern California Coast	2.23	Santa Barbara Coastal	0.60
									Santa Ynez	1.63
19156	SCR	17	0	12.5	Sustainability/Climate Change	2026/27	Central California Coast	1.34	Monterey Bay	1.34
19158	SCR	1	R0.0	R7.9	Sustainability/Climate Change	2023/24	Central California Coast	1.48	Monterey Bay	0.63
									Pajaro	0.85
19160	SBT	101	0	7.55	Pavement	2028/29	Central California Coast	0.22	Monterey Bay	0.22
									Central California Coast Ranges	2.49
									Monterey Bay	0.51
19162	SLO	58	1.8	6.89	Pavement	2023/24	Central California Coast Ranges	0.28	Salinas	0.28
19164	SLO	101	7.8	16.5	Pavement	2023/24	Central California Coast	3.14	Central Coastal	3.14
19935	SCR	9	18.897	27.094	Pavement	2025/26	Central California Coast	0.26	Monterey Bay	0.26
19936	SLO	166	R28.29	64.19	Bridge - Health	2032/33	Central California Coast Ranges	0.56	Cuyama	0.56
19937	SB	101	R56.09	65	Pavement	2024/25	Southern California Coast	0.59	Santa Ynez	0.59
19939	SCR	9	0.046	7.5	Pavement	2026/27	Central California Coast	0.74	Monterey Bay	0.74
19940	MON	101	R1.9	R9.7	Bridge - Health	2028/29	Central California Coast Ranges	2.72	Salinas	2.72
19942	SCR	9	19.2	19.2	Sustainability/Climate Change	2025/26	Central California Coast	0.04	Monterey Bay	0.04
19943	SCR	1	R1.8	8.7	Drainage	2030/31	Central California Coast	1.30	Monterey Bay	0.67
									Pajaro	0.62
19949	SB	166	0	8.927	Pavement	2025/26	Central California Coast	34.46	Santa Maria	34.46
19957	MON	101	R22.0	R28.0	Pavement	2025/26	Central California Coast Ranges	0.08	Salinas	0.08
19996	SB	135	M9.605	11.7	Pavement	2031/32	Central California Coast	0.14	Santa Maria	0.14
									Southern California Coast	0.09
									San Antonio	0.09
20000	SBT	25	15.5	46.57	Pavement	2032/33	Central California Coast Ranges	0.74	Pajaro	0.41
									Salinas	0.33
20001	MON	1	60.1	60.1	Proactive Safety	2027/28	Central California Coast	0.92	Central Coastal	0.92
20006	SCR	1	31.28	31.96	Bridge - Health	2033/34	Central California Coast	0.96	San Francisco Coastal South	0.96
20013	MON	156	R0.167	T5.427	Pavement	2030/31	Central California Coast	0.42	Monterey Bay	0.42
20015	SB	246	30.3	31.4	Bridge	2027/28	Southern California Coast	1.24	Santa Ynez	1.24
20016	SB	246	9.55	R20.9	Bridge	2028/29	Southern California Coast	2.05	Santa Ynez	2.05
20019	SLO	46	R16.578	R21.969	Pavement	2030/31	Central California Coast Ranges	0.08	Salinas	0.08
20021	SLO	1	25.7	34.4	Pavement	2027/28	Central California Coast	0.05	Central Coastal	0.05
20022	SLO	41	45.3	50.434	Pavement	2027/28	Central California Coast Ranges	0.37	Estrella	0.37
20024	MON	1	R85.1	R90.98	Pavement	2025/26	Central California Coast	0.12	Monterey Bay	0.12
20025	MON	68	10.8	22.023	Pavement	2029/30	Central California Coast	118.45	Monterey Bay	10.66
									Salinas	107.79
20026	SB	1	23	M29.891	Pavement	2027/28	Southern California Coast	0.22	Santa Ynez	0.22
20029	SCR	129	0.56	9.998	Pavement	2028/29	Central California Coast	0.23	Pajaro	0.23
20030	SLO	166	8.927	16	Pavement	2027/28	Central California Coast	0.42	Cuyama	0.23
									Santa Maria	0.19

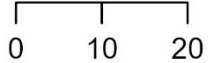
Caltrans District 5 - Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC 8	Footprint in HUC8 (Acres)
20032	MON	1	0	78.84	Drainage	2031/32	Central California Coast	1.13	Central Coastal	0.68
							Central California Coast Ranges	1.11	Salinas	0.45
									Estrella	0.25
									Salinas	0.87
Southern California Coast	0.42	Santa Barbara Coastal	0.42							
20033	SB	101	84.4	90.988	Pavement	2029/30	Central California Coast	0.13	Santa Maria	0.13
21651	SB	101	45	R50.0	Protective Betterments	2028/29	Southern California Coast	29.03	Santa Barbara Coastal	29.03
21693	SCR	9	6.3	7.2	Reactive Safety	2024/25	Central California Coast	3.24	Monterey Bay	3.24
21703	SLO	1	L16.543	25.2	Pavement	2030/31	Central California Coast	0.70	Central Coastal	0.70
21706	SLO	1	50.67	74.324	Pavement	2032/33	Central California Coast	0.54	Central Coastal	0.54
21707	SB	154	22.9	32.84	Pavement	2031/32	Southern California Coast	0.51	Santa Barbara Coastal	0.51
21708	MON	183	0	R2.1	Pavement	2030/31	Central California Coast	1.21	Monterey Bay	1.21
21709	SLO	1	0	10	Pavement	2029/30	Central California Coast	0.45	Central Coastal	0.45
22709	MON	101	98.8	100.3	Sustainability/Climate Change	2023/24	Central California Coast	0.60	Monterey Bay	0.60
22734	SCR	152	T0.31	4.14	Bicycle and Pedestrian Infrastructure	2030/31	Central California Coast	0.08	Pajaro	0.08
22760	SB	101	65	84.4	Pavement	2029/30	Southern California Coast	1.14	San Antonio	0.98
									Santa Maria	0.16
22780	SCR	1	9.8	10	Drainage	2030/31	Central California Coast	0.59	Monterey Bay	0.59
22785	SLO	101	R21.494	35.58	Pavement	2031/32	Central California Coast	0.22	Central Coastal	0.22
22789	MON	101	54	71.01	Pavement	2030/31	Central California Coast	0.54	Salinas	0.54
22809	SB	101	R49.59	R49.59	Drainage	2032/33	Southern California Coast	0.29	Santa Barbara Coastal	0.29
									Monterey Bay	0.55
									Salinas	0.43
22883	MON	101	85	97	Sustainability/Climate Change	2030/31	Central California Coast	0.98	Monterey Bay	22.40
									Pajaro	5.41
22890	SCR	1	R5.0	8.2	Reactive Safety	2023/24	Central California Coast	27.81	Monterey Bay	22.40
23784	SLO	1	32.6	32.6	Bridge	2025/26	Central California Coast	1.65	Central Coastal	1.65
23801	SB	1	M29.891	R34.77	Pavement	2032/33	Southern California Coast	0.20	San Antonio	0.10
									Santa Maria	0.10
23851	SCR	1	36.3	36.3	Bridge - Health	2032/33	Central California Coast	1.84	San Francisco Coastal South	1.84
23877	SCR	1	10.6	26	Drainage	2023/24	Central California Coast	2.19	Monterey Bay	1.32
									San Francisco Coastal South	0.87
									Pajaro	0.42
24050	SCR	152	4.14	8.29	Pavement	2032/33	Central California Coast	0.42	Pajaro	0.42
24183	SLO	1	63.6	74.323	Proactive Safety	2029/30	Central California Coast	39.02	Central Coastal	39.02
24790	SCR	9	13.6	15.5	Bridge - Health	2024/25	Central California Coast	4.18	Monterey Bay	4.18
24791	MON	1	43.1	43.1	Proactive Safety	2025/26	Central California Coast	1.00	Central Coastal	1.00
24792	SLO	101	61.7	62.2	Reactive Safety	2024/25	Central California Coast Ranges	7.14	Salinas	7.14
24858	SB	154	R2.2	R2.5	Reactive Safety	2027/28	Southern California Coast	2.86	Santa Ynez	2.86
24886	MON	1	95.2	97.6	Sustainability/Climate Change	2032/33	Central California Coast	2.88	Monterey Bay	2.88
25034	MON	1	20.9	21.3	Bridge - Health	2026/27	Central California Coast	1.87	Central Coastal	1.87
25247	SLO	46	R0.146	R2.345	Pavement	2031/32	Central California Coast	0.22	Central Coastal	0.22

Caltrans District 5 - Ecoregion Sections with Potential Transportation Projects



Miles



- Highway
- Major Road
- District 5 Transportation Project
- Caltrans District

ECOREGION SECTIONS WITH POTENTIAL TRANSPORTATION PROJECTS FOR CALTRANS DISTRICT 5

Ecoregion Section Impact by Species

Special Status Species Acronym Key

District 5

FE = Federally Endangered

FT = Federally Threatened

SE = State Endangered

ST = State Threatened

FCT = Federal Candidate Threatened

FCE = Federal Candidate Endangered

SCT = State Candidate Threatened

SCE = State Candidate Endangered

SFP = State Fully Protected Species

SSC = State Species of Concern

SR = State Rare Species

FS = Federal Sensitive Species (includes USFS sensitive and/or BLM Sensitive)

SFS = State Fire Sensitive

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Common Name	Species Name	Status	Annual Grassland	Barren	Closed-Cone Pine-Cypress	Coastal Oak Woodland	Coastal Scrub	Estuarine	Eucalyptus	Fresh Emergent Wetland	Irrigated Row and Field Crops	Lacustrine	Marine	Mixed Chaparral	Montane Hardwood-Conifer	Montane Riparian	Pasture	Perennial Grassland	Redwood	Riverine	Saline Emergent Wetland	Valley Foothill Riparian	Vineyard
		Total:	44.43	40.66	1.62	19.16	20.03	0.67	0.55	0.40	0.76	0.01	0.34	0.20	3.30	0.03	26.24	2.88	2.99	0.37	0.19	8.84	0.09
Hearsts' Ceanothus	<i>Ceanothus hearstiorum</i>	SR	0.00	0.00	0.00	0.00	17.47	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	2.88	0.00	0.00	0.00	0.00	0.00
Hearsts' Manzanita	<i>Arctostaphylos hookeri ssp. hearstiorum</i>	SE	40.87	0.00	0.00	0.00	17.47	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	2.88	0.00	0.00	0.00	0.00	0.00
Hickman's Potentilla	<i>Potentilla hickmanii</i>	FE,SE	0.00	0.00	0.57	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	0.00	0.00	0.00	0.00
Humboldt County Milk-Vetch	<i>Astragalus agnicidus</i>	FS,SE	0.00	0.00	0.00	3.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	0.00	0.00	0.00	2.42	0.00	0.00	0.00	0.00
La Graciosa Thistle	<i>Cirsium scariosum var. loncholepis</i>	FE,ST	7.40	0.00	0.00	0.28	0.06	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	0.00	0.00
Lime Ridge Eriastrum	<i>Eriastrum erterae</i>	SE	0.00	0.00	0.00	0.00	2.23	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	0.00	0.00
Maritime Ceanothus	<i>Ceanothus maritimus</i>	SR	40.87	0.00	0.00	0.00	17.47	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marsh Sandwort	<i>Arenaria paludicola</i>	FE,SE	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	0.00	0.00	0.00	0.00	0.00	0.19	8.84	0.00
Mason's Ceanothus	<i>Ceanothus masonii</i>	SR	0.00	0.00	0.00	0.00	2.23	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	0.00	0.00
Mason's Lilaopsis	<i>Lilaopsis masonii</i>	SR	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	0.03	0.00	0.00	0.00	0.00	0.19	5.14	0.00
Monterey Clover	<i>Trifolium trichocalyx</i>	FE,SE	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monterey Gilia	<i>Gilia tenuiflora ssp. arenaria</i>	FE,ST	0.00	0.00	0.00	4.00	1.11	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	0.00	0.00
Monterey Spineflower	<i>Chorizanthe pungens var. pungens</i>	FT	23.36	0.00	0.00	16.84	2.86	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	0.00	0.00
Morro Manzanita	<i>Arctostaphylos morroensis</i>	FT,SCE	0.00	0.00	0.00	0.10	0.06	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	0.00	0.00
Mt. Diablo Bird's-Beak	<i>Cordylanthus nidularius</i>	SR	0.00	0.00	0.00	0.00	2.23	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	0.00	0.00
North Coast Semaphore Grass	<i>Pleuropogon hooverianus</i>	FS,ST	0.00	0.00	0.00	3.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	0.00	0.00	0.00	2.42	0.00	0.00	0.00	0.00
Pacific Grove Clover	<i>Trifolium polyodon</i>	FS,SR	40.87	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	0.00	2.88	0.00	0.00	0.00	0.00	0.00
Pacific Manzanita	<i>Arctostaphylos pacifica</i>	SE	0.00	0.00	0.00	0.00	17.47	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parish's Checkerbloom	<i>Sidalcea hickmanii ssp. parishii</i>	FS,SR	0.00	0.00	0.00	0.64	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pismo Clarkia	<i>Clarkia speciosa ssp. immaculata</i>	FE,SR	0.13	0.00	0.00	0.14	0.06	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	0.00	0.00
Point Reyes Blennosperma	<i>Blennosperma nanum var. robustum</i>	SR	0.00	0.00	0.00	0.00	17.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.88	0.00	0.00	0.00	0.00	0.00
Point Reyes Meadowfoam	<i>Limnanthes douglasii ssp. sulphurea</i>	SE	40.87	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	5.13	0.00
Rock Sanicle	<i>Sanicula saxatilis</i>	FS,SR	0.55	0.00	0.00	3.52	2.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Roderick's Fritillary	<i>Fritillaria rodenckii</i>	SE	44.43	0.00	0.00	0.00	20.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.88	0.00	0.00	0.00	0.00	0.00
Salt Marsh Bird's-Beak	<i>Chloropyron maritimum ssp. maritimum</i>	FE,FS,SE	0.00	0.00	0.00	0.00	13.85	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	0.74	0.00
San Bruno Mountain Manzanita	<i>Arctostaphylos imbricata</i>	SE	0.00	0.00	0.00	0.00	17.47	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Francisco Popcornflower	<i>Plagiobothrys diffusus</i>	SE	41.42	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	2.88	0.00	0.00	0.00	0.00	0.00
Santa Cruz Cypress	<i>Hesperocyparis abramsiana var. abramsiana</i>	FT,SE	0.00	0.00	0.00	1.01	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Santa Cruz Tarplant	<i>Holocarpha macradenia</i>	FT,SE	0.86	0.00	0.00	0.00	2.10	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	0.00	0.00
Santa Cruz Wallflower	<i>Erysimum teretifolium</i>	FE,SE	0.00	0.00	0.00	0.00	1.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Santa Lucia Mint	<i>Pogogyne clareana</i>	SE	0.00	0.00	0.00	0.64	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.57	0.00
Scotts Valley Polygonum	<i>Polygonum hickmanii</i>	FE,SE	0.11	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	0.00	0.00	0.00	0.00	0.00	0.00
Scotts Valley Spineflower	<i>Chorizanthe robusta var. hartwegii</i>	FE	0.11	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	0.00	0.00	0.00	0.00	0.00	0.00
Seaside Bird's-Beak	<i>Cordylanthus rigidus ssp. littoralis</i>	FS,SE	0.00	0.00	0.94	14.95	17.47	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spreading Navarretia	<i>Navarretia fossalis</i>	FT	12.94	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	0.00	0.00	0.00	0.00	0.00	0.84	0.00
Surf Thistle	<i>Cirsium rhotophilum</i>	FS,ST	0.00	0.00	0.00	0.00	17.47	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	0.00	0.00	0.00
Tidestrom's Lupine	<i>Lupinus tidestromii</i>	FE,SE	0.00	0.00	0.00	0.00	0.66	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	0.00	0.00
Vandenberg Monkeyflower	<i>Diplacus vandenbergensis</i>	FE	0.00	0.00	0.00	0.24	0.06	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	0.00	0.00
Yadon's Piperia	<i>Piperia yadonii</i>	FE	0.00	0.00	0.63	0.00	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Blue Oak Woodland	Chamise-Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Fresh Emergent Wetland	Mixed Chaparral	Montane Hardwood-Conifer	Riverine	Valley Foothill Riparian	Valley Oak Woodland	Vineyard
		Total:	0.14	11.69	0.22	0.11	0.33	0.38	0.06	0.14	0.04	0.09	0.43	0.05	0.16
Amphibians															
Arroyo Toad	<i>Anaxyrus californicus</i>	FE,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.34	0.00	0.00
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	0.00	11.69	0.22	0.00	0.33	0.38	0.06	0.14	0.04	0.09	0.43	0.05	0.00
California Tiger Salamander - Central California DPS	<i>Ambystoma californiense pop. 1</i>	FT,ST	0.00	11.37	0.22	0.00	0.33	0.00	0.06	0.00	0.00	0.00	0.43	0.05	0.00
Coast Range Newt	<i>Taricha torosa</i>	SSC	0.00	7.90	0.16	0.00	0.04	0.00	0.06	0.00	0.00	0.09	0.34	0.00	0.00
Foothill Yellow Legged Frog - Central Coast DPS	<i>Rana boylei</i>	FT, SE, FS	0.00	1.94	0.00	0.08	0.30	0.18	0.00	0.02	0.04	0.00	0.08	0.05	0.00
Foothill Yellow Legged Frog - South Coast DPS	<i>Rana boylei</i>	FE, SE, FS	0.00	9.75	0.22	0.02	0.04	0.21	0.00	0.12	0.00	0.09	0.34	0.00	0.00
Western Spadefoot	<i>Spea hammondi</i>	FCT,FS,SSC	0.14	11.69	0.22	0.11	0.33	0.38	0.06	0.14	0.00	0.09	0.00	0.05	0.16
Birds															
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	SFS	0.00	11.15	0.20	0.11	0.33	0.38	0.06	0.02	0.04	0.09	0.43	0.05	0.00
Bald Eagle	<i>Haliaeetus leucocephalus</i>	FS,SE,SFP,SFS	0.00	0.44	0.04	0.02	0.04	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bank Swallow	<i>Riparia riparia</i>	FS,ST	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Burrowing Owl	<i>Athene cunicularia</i>	FS,SCE,SSC	0.12	8.77	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00
California Condor	<i>Gymnogyps californianus</i>	FE,SE,SFP,SFS	0.00	11.69	0.22	0.11	0.33	0.38	0.00	0.14	0.04	0.09	0.00	0.05	0.00
California Spotted Owl	<i>Strix occidentalis occidentalis</i>	FS,SSC	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	0.14	11.69	0.22	0.11	0.33	0.38	0.06	0.14	0.04	0.00	0.43	0.05	0.00
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	0.00	2.40	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	<i>Vireo bellii pusillus</i>	FE,SE	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
Little Willow Flycatcher	<i>Empidonax traillii brewsteri</i>	SE	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
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.14	11.69	0.22	0.11	0.33	0.38	0.00	0.14	0.04	0.00	0.43	0.05	0.16
Long-Billed Curlew	<i>Numenius americanus</i>	None	0.00	1.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00
Long-Eared Owl	<i>Asio otus</i>	SSC	0.00	11.69	0.22	0.11	0.33	0.00	0.00	0.14	0.04	0.00	0.43	0.05	0.00
Mountain Plover	<i>Anarhynchus montanus</i>	FS,SSC	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.14	9.39	0.18	0.00	0.00	0.03	0.06	0.12	0.00	0.09	0.34	0.00	0.08
Olive-Sided Flycatcher	<i>Contopus cooperi</i>	SSC	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.02	0.04	0.00	0.00	0.00	0.00
Oregon Vesper Sparrow	<i>Poocetes gramineus affinis</i>	SSC	0.00	1.03	0.02	0.00	0.01	0.00	0.00	0.12	0.00	0.00	0.00	0.05	0.00
Purple Martin	<i>Progne subis</i>	SSC	0.00	0.27	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Southwestern Willow Flycatcher	<i>Empidonax traillii extimus</i>	FE,SE	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
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	0.00	11.69	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.43	0.00	0.00
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	0.14	11.69	0.22	0.11	0.33	0.38	0.06	0.14	0.00	0.00	0.43	0.05	0.16
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	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
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	0.22	0.11	0.33	0.38	0.00	0.14	0.04	0.00	0.43	0.05	0.00
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.43	0.00	0.00
Mammals															
American Badger	<i>Taxidea taxus</i>	SSC	0.14	11.69	0.22	0.11	0.33	0.38	0.00	0.14	0.04	0.00	0.43	0.05	0.16
Big-Eared Kangaroo Rat	<i>Dipodomys venustus elephantinus</i>	None	0.00	0.40	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
Giant Kangaroo Rat	<i>Dipodomys ingens</i>	FE,SE	0.14	9.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monterey Dusky-Footed Woodrat	<i>Neotoma macrotis luciana</i>	FS,SSC	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Monterey Shrew	<i>Sorex ornatus salarius</i>	SSC	0.00	1.39	0.00	0.00	0.25	0.18	0.00	0.02	0.04	0.00	0.08	0.00	0.00
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	0.00	11.69	0.22	0.11	0.33	0.38	0.00	0.14	0.04	0.00	0.43	0.05	0.16
Nelson's Antelope Ground Squirrel	<i>Ammospermophilus nelsoni</i>	FS,ST	0.01	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.14	11.69	0.22	0.11	0.33	0.38	0.00	0.14	0.04	0.09	0.43	0.05	0.16
Salinas Pocket Mouse	<i>Perognathus inornatus psammophilus</i>	SSC	0.00	9.34	0.11	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
San Diego Desert Woodrat	<i>Neotoma lepida intermedia</i>	SSC	0.00	0.00	0.00	0.02	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Francisco Dusky-Footed Woodrat	<i>Neotoma fuscipes annectens</i>	SSC	0.00	0.00	0.00	0.08	0.04	0.00	0.00	0.02	0.04	0.00	0.00	0.00	0.00
San Joaquin Kit Fox	<i>Vulpes macrotis mutica</i>	FE,ST	0.14	9.67	0.22	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.14	11.69	0.22	0.11	0.33	0.38	0.00	0.14	0.04	0.09	0.43	0.05	0.16
Tulare Grasshopper Mouse	<i>Onychomys torridus tularensis</i>	FS,SSC	0.01	0.45	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	0.14	11.69	0.22	0.11	0.33	0.38	0.06	0.14	0.04	0.00	0.43	0.05	0.16
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	0.00	11.69	0.22	0.11	0.33	0.38	0.06	0.14	0.04	0.09	0.43	0.05	0.00
Reptiles															
Bakersfield Legless Lizard	<i>Anniella grinnelli</i>	SSC	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS,SSC	0.14	11.69	0.22	0.11	0.33	0.38	0.00	0.14	0.04	0.00	0.43	0.05	0.16
Blunt-Nosed Leopard Lizard	<i>Gambelia sila</i>	FE,SE,SFP	0.01	0.54	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California Glossy Snake	<i>Arizona elegans occidentalis</i>	SSC	0.14	9.86	0.18	0.00	0.04	0.00	0.00	0.12	0.00	0.00	0.00	0.05	0.00
California Legless Lizard	<i>Anniella spp.</i>	SSC	0.00	0.00	0.22	0.11	0.33	0.38	0.00	0.14	0.00	0.00	0.43	0.05	0.00
Coast Patch-Nosed Snake	<i>Salvadora hexalepis virgultea</i>	SSC	0.00	0.32	0.03	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	0.00	1.94	0.00	0.08	0.30	0.18	0.00	0.02	0.04	0.00	0.08	0.05	0.00
San Joaquin Coachwhip	<i>Masticophis flagellum ruddocki</i>	SSC	0.14	11.30	0.18	0.08	0.30	0.21	0.00	0.14	0.00	0.00	0.43	0.05	0.00
Southern California Legless Lizard	<i>Anniella stebbinsi</i>	FS,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00
Southern Sierra Legless Lizard	<i>Anniella campi</i>	FS,SSC	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Southwestern Pond Turtle	<i>Actinemys pallida</i>	FCT,FS,SSC	0.00	9.75	0.22	0.02	0.04	0.21	0.06	0.12	0.00	0.09	0.34	0.00	0.00
Temblor Legless Lizard	<i>Anniella alexanderae</i>	SCE,SSC	0.01	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Two-Striped Gartersnake	<i>Thamnophis hammondi</i>	FS,SSC	0.00	11.61	0.22	0.11	0.33	0.38	0.06	0.14	0.04	0.09	0.43	0.05	0.00
Invertebrates															
Conservancy Fairy Shrimp	<i>Branchinecta conservatio</i>	FE	0.00	11.16	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Crotch's Bumble Bee	<i>Bombus crotchii</i>	SCE	0.01	0.54	0.06	0.02	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00
Vernal Pool Fairy Shrimp	<i>Branchinecta lynchi</i>	FT	0.00	11.69	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Blue Oak Woodland	Chamise-Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Fresh Emergent Wetland	Mixed Chaparral	Montane Hardwood-Conifer	Riverine	Valley Foothill Riparian	Valley Oak Woodland	Vineyard
		Total:	0.14	11.69	0.22	0.11	0.33	0.38	0.06	0.14	0.04	0.09	0.43	0.05	0.16
Plants															
Adobe Sanicle	<i>Sanicula maritima</i>	FS,SR	0.00	1.39	0.00	0.08	0.00	0.18	0.00	0.02	0.00	0.00	0.00	0.00	0.00
Boggs Lake Hedge-Hyssop	<i>Gratiola heterosepala</i>	FS,SE	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Butterworth's Buckwheat	<i>Eriogonum butterworthianum</i>	FS,SR	0.00	9.07	0.00	0.02	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California Jewelflower	<i>Caulanthus californicus</i>	FE,SE	0.01	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Camatta Canyon Amole	<i>Hooveria purpurea var. reducta</i>	FT,SR	0.00	8.46	0.20	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cuesta Pass Checkerbloom	<i>Sidalcea hickmanii ssp. anomala</i>	FS,SR	0.00	0.00	0.00	0.02	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dudley's Lousewort	<i>Pedicularis dudleyi</i>	FS,SR	0.00	10.46	0.20	0.11	0.29	0.38	0.00	0.02	0.00	0.00	0.00	0.00	0.00
Dwarf Goldenstar	<i>Bloomeria humilis</i>	FS,SR	0.00	9.98	0.00	0.02	0.00	0.21	0.00	0.12	0.00	0.00	0.00	0.00	0.00
Humboldt County Milk-Vetch	<i>Astragalus agnicidus</i>	FS,SE	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.02	0.04	0.00	0.00	0.00	0.00
Indian Valley Brodiaea	<i>Brodiaea rosea</i>	FS,SE	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lime Ridge Eriastrum	<i>Eriastrum ertterae</i>	SE	0.00	0.00	0.00	0.08	0.00	0.18	0.00	0.02	0.00	0.00	0.00	0.00	0.00
Marsh Sandwort	<i>Arenaria paludicola</i>	FE,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.43	0.00	0.00
Mason's Ceanothus	<i>Ceanothus masonii</i>	SR	0.00	0.00	0.00	0.08	0.00	0.18	0.00	0.02	0.00	0.00	0.00	0.00	0.00
Mason's Lilaeopsis	<i>Lilaeopsis masonii</i>	SR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00
Mt. Diablo Bird's-Beak	<i>Cordylanthus nidularius</i>	SR	0.00	0.00	0.00	0.08	0.00	0.18	0.00	0.02	0.00	0.00	0.00	0.00	0.00
North Coast Semaphore Grass	<i>Pleuropogon hooverianus</i>	FS,ST	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.02	0.04	0.00	0.00	0.00	0.00
Parish's Checkerbloom	<i>Sidalcea hickmanii ssp. parishii</i>	FS,SR	0.00	0.00	0.20	0.02	0.04	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Purple Amole	<i>Hooveria purpurea var. purpurea</i>	FT	0.00	8.46	0.20	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rock Sanicle	<i>Sanicula saxatilis</i>	FS,SR	0.00	1.39	0.00	0.08	0.25	0.18	0.00	0.02	0.04	0.00	0.00	0.00	0.00
Roderick's Fritillary	<i>Fritillaria roderickii</i>	SE	0.00	11.36	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Francisco Popcornflower	<i>Plagiobothrys diffusus</i>	SE	0.00	1.39	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	<i>Monolopia congdonii</i>	FE	0.00	0.08	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	<i>Pogogyne clareana</i>	SE	0.00	0.00	0.20	0.02	0.04	0.21	0.00	0.00	0.00	0.00	0.34	0.00	0.00
Spreading Navarretia	<i>Navarretia fossalis</i>	FT	0.01	7.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vandenberg Monkeyflower	<i>Diplacus vandenbergensis</i>	FE	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Yadon's Piperia	<i>Piperia yadonii</i>	FE	0.00	0.00	0.00	0.08	0.00	0.18	0.00	0.02	0.00	0.00	0.00	0.00	0.00

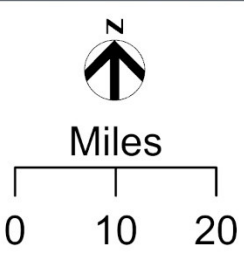
District 5 Southern California Coast Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grassland	Barren	Chamise-Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Deciduous Orchard	Eucalyptus	Mixed Chaparral	Pasture	Sierran Mixed Conifer	Valley Foothill Riparian
		Total:	16.01	9.35	0.05	2.47	3.96	0.19	0.21	4.53	20.71	0.07	1.23
Amphibians													
Arroyo Toad	<i>Anaxyrus californicus</i>	FE,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	16.01	0.00	0.00	2.47	3.96	0.00	0.21	4.53	0.00	0.00	1.23
California Tiger Salamander - Santa Barbara County DPS	<i>Ambystoma californiense pop. 2</i>	FE,ST	13.56	0.00	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02
Coast Range Newt	<i>Taricha torosa</i>	SSC	1.17	0.00	0.00	1.45	3.79	0.00	0.20	3.82	0.00	0.00	0.17
Foothill Yellow Legged Frog - South Coast DPS	<i>Rana boylei</i>	FE, SE, FS	16.01	0.00	0.05	2.47	3.96	0.00	0.21	4.53	0.00	0.07	1.23
Western Spadefoot	<i>Spea hammondi</i>	FCT,FS,SSC	16.01	0.00	0.05	2.29	3.90	0.19	0.21	4.07	0.00	0.00	0.00
Birds													
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	SFS	16.01	9.35	0.05	2.47	3.96	0.00	0.21	4.53	0.00	0.07	1.23
Bryant's Savannah Sparrow	<i>Passerculus sandwichensis alaudinus</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00
California Condor	<i>Gymnogyps californianus</i>	FE,SE,SFP,SFS	16.01	9.35	0.05	2.47	3.96	0.00	0.21	4.53	0.00	0.07	0.00
California Least Tern	<i>Sternula antillarum browni</i>	FE,SE,SFP	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California Spotted Owl	<i>Strix occidentalis occidentalis</i>	FS,SSC	0.00	0.00	0.00	1.46	0.00	0.00	0.00	0.00	0.00	0.07	0.30
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	16.01	9.35	0.05	2.47	3.96	0.00	0.21	4.53	20.71	0.07	1.23
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	16.01	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00
Least Bell's Vireo	<i>Vireo bellii pusillus</i>	FE,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	16.01	9.35	0.05	2.47	3.96	0.19	0.21	4.53	0.00	0.00	1.23
Long-Billed Curlew	<i>Numenius americanus</i>	None	13.27	5.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93
Long-Eared Owl	<i>Asio otus</i>	SSC	2.13	0.00	0.05	0.26	0.00	0.00	0.00	0.71	3.25	0.07	0.14
Northern Harrier	<i>Circus hudsonius</i>	SSC	14.80	6.26	0.00	1.02	0.11	0.00	0.01	0.00	0.00	0.00	1.06
Olive-Sided Flycatcher	<i>Contopus cooperi</i>	SSC	0.00	0.00	0.05	0.00	0.00	0.00	0.20	4.53	0.00	0.07	0.00
Purple Martin	<i>Progne subis</i>	SSC	1.95	0.00	0.00	1.60	0.00	0.00	0.00	0.00	0.00	0.07	0.13
Southwestern Willow Flycatcher	<i>Empidonax traillii extimus</i>	FE,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	1.23
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	14.80	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	1.06
Western Snowy Plover	<i>Anarhynchus nivosus nivosus</i>	FT,SSC	0.00	8.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	16.01	9.35	0.05	2.47	3.96	0.19	0.21	4.53	0.00	0.00	1.23
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	1.23
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	0.05	2.47	3.96	0.19	0.21	4.53	0.00	0.07	1.23
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	0.00	0.00	0.00	0.00	3.96	0.00	0.00	0.00	0.00	0.00	1.23
Mammals													
American Badger	<i>Taxidea taxus</i>	SSC	16.01	9.35	0.05	2.47	3.96	0.19	0.21	4.53	20.71	0.07	1.23
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	16.01	0.00	0.05	2.47	3.96	0.19	0.21	4.53	20.71	0.07	1.23
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	16.01	9.35	0.05	2.47	3.96	0.19	0.21	4.53	20.71	0.07	1.23
San Diego Desert Woodrat	<i>Neotoma lepida intermedia</i>	SSC	0.00	0.00	0.05	0.00	3.96	0.00	0.00	4.53	0.00	0.00	0.00
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	16.01	9.35	0.05	2.47	3.96	0.19	0.21	4.53	20.71	0.07	1.23
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	16.01	9.35	0.05	2.47	3.96	0.19	0.21	4.53	20.71	0.00	1.23
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	16.01	0.00	0.05	2.47	3.96	0.00	0.21	4.53	20.71	0.07	1.23
Reptiles													
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS,SSC	16.01	0.00	0.05	2.47	3.96	0.00	0.21	4.53	0.00	0.00	1.23
California Legless Lizard	<i>Anniella spp.</i>	SSC	0.00	0.00	0.05	2.47	3.96	0.00	0.21	4.53	0.00	0.00	1.23
Coast Patch-Nosed Snake	<i>Salvadora hexalepis virgultea</i>	SSC	15.70	9.35	0.05	2.47	3.90	0.00	0.21	4.53	0.00	0.00	0.32
Southwestern Pond Turtle	<i>Actinemys pallida</i>	FCT,FS,SSC	15.83	0.00	0.05	2.47	1.84	0.00	0.21	4.51	20.71	0.07	1.22
Two-Striped Gartersnake	<i>Thamnophis hammondi</i>	FS,SSC	16.01	0.00	0.05	2.47	3.96	0.00	0.21	4.53	0.00	0.00	1.23
Invertebrates													
Conservancy Fairy Shrimp	<i>Branchinecta conservatio</i>	FE	15.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vernal Pool Fairy Shrimp	<i>Branchinecta lynchi</i>	FT	16.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants													
Adobe Sanicle	<i>Sanicula maritima</i>	FS,SR	9.57	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
Baja California Birdbush	<i>Ornithostaphylos oppositifolia</i>	SE	0.00	0.00	0.00	0.00	2.32	0.00	0.00	0.12	0.00	0.00	0.00
Beach Spectaclepod	<i>Dithyrea maritima</i>	FS,ST	0.00	0.00	0.00	0.00	2.40	0.00	0.00	0.00	0.00	0.00	0.00
Butterworth's Buckwheat	<i>Eriogonum butterworthianum</i>	FS,SR	5.63	0.00	0.05	0.00	1.40	0.00	0.00	0.71	0.00	0.00	0.00
Coast Yellow Leptosiphon	<i>Leptosiphon croceus</i>	SE	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
Conejo Buckwheat	<i>Eriogonum crocatum</i>	SR	0.27	0.00	0.00	0.00	0.16	0.00	0.00	3.70	0.00	0.00	0.00
Contra Costa Goldfields	<i>Lasthenia conjugens</i>	FE	0.47	0.00	0.00	0.13	0.00	0.00	0.00	0.27	0.00	0.00	0.00
Cuesta Pass Checkerbloom	<i>Sidalcea hickmanii ssp. anomala</i>	FS,SR	0.00	0.00	0.05	0.00	1.40	0.00	0.00	0.71	0.00	0.00	0.00
Dudley's Lousewort	<i>Pedicularis dudleyi</i>	FS,SR	15.20	0.00	0.05	1.54	1.48	0.00	0.00	0.72	0.00	0.00	0.00
Dwarf Goldenstar	<i>Bloomeria humilis</i>	FS,SR	15.20	0.00	0.05	0.00	1.48	0.00	0.00	0.72	0.00	0.00	0.00
Gambel's Water Cress	<i>Nasturtium gambelii</i>	FE,ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23
Gaviota Tarplant	<i>Deinandra increscens ssp. villosa</i>	FE,SE	0.66	0.00	0.00	0.00	3.68	0.00	0.00	0.00	0.00	0.00	0.00
Hearsts' Ceanothus	<i>Ceanothus hearstiorum</i>	SR	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
Hearsts' Manzanita	<i>Arctostaphylos hookeri ssp. hearstiorum</i>	SE	9.57	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
La Graciosa Thistle	<i>Cirsium scariosum var. loncholepis</i>	FE,ST	13.27	0.00	0.00	0.84	0.17	0.00	0.00	0.00	0.00	0.00	0.93
Lompoc Yerba Santa	<i>Eriodictyon capitatum</i>	FE,SR	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00

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

Common Name	Species Name	Status	Annual Grassland	Barren	Chamise- Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Deciduous Orchard	Eucalyptus	Mixed Chaparral	Pasture	Sierran Mixed Conifer	Valley Foothill Riparian
		Total:	16.01	9.35	0.05	2.47	3.96	0.19	0.21	4.53	20.71	0.07	1.23
Maritime Ceanothus	<i>Ceanothus maritimus</i>	SR	9.57	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
Marsh Sandwort	<i>Arenaria paludicola</i>	FE,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23
Mason's Lilaeopsis	<i>Lilaeopsis masonii</i>	SR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91
Orcutt's Hazardia	<i>Hazardia orcuttii</i>	ST	0.00	0.00	0.00	0.00	2.32	0.00	0.00	0.12	0.00	0.00	0.00
Pacific Grove Clover	<i>Trifolium polyodon</i>	FS,SR	9.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pacific Manzanita	<i>Arctostaphylos pacifica</i>	SE	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
Parish's Checkerbloom	<i>Sidalcea hickmanii</i> ssp. <i>parishii</i>	FS,SR	0.00	0.00	0.05	1.63	1.56	0.00	0.00	4.41	0.00	0.07	0.00
Point Reyes Blennosperma	<i>Blennosperma nanum</i> var. <i>robustum</i>	SR	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
Point Reyes Meadowfoam	<i>Limnanthes douglasii</i> ssp. <i>sulphurea</i>	SE	9.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91
Roderick's Fritillary	<i>Fritillaria roderickii</i>	SE	16.01	0.00	0.00	0.00	3.96	0.00	0.00	0.00	0.00	0.00	0.00
Salt Marsh Bird's-Beak	<i>Chloropyron maritimum</i> ssp. <i>maritimum</i>	FE,FS,SE	0.00	0.00	0.00	0.00	2.39	0.00	0.00	0.00	0.00	0.00	0.17
San Bruno Mountain Manzanita	<i>Arctostaphylos imbricata</i>	SE	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
San Fernando Valley Spineflower	<i>Chorizanthe parryi</i> var. <i>fernandina</i>	FS,SE	0.27	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00
San Francisco Popcornflower	<i>Plagiobothrys diffusus</i>	SE	9.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Santa Lucia Mint	<i>Pogogyne clareana</i>	SE	0.00	0.00	0.05	0.70	1.40	0.00	0.00	0.71	0.00	0.00	0.14
Santa Susana Tarplant	<i>Deinandra minthornii</i>	FS,SR	0.00	0.00	0.00	0.00	0.16	0.00	0.00	3.70	0.00	0.00	0.00
Santa Ynez False Lupine	<i>Thermopsis macrophylla</i>	FS,SR	0.00	0.00	0.00	0.00	0.16	0.00	0.00	3.70	0.00	0.00	0.00
Seaside Bird's-Beak	<i>Cordylanthus rigidus</i> ssp. <i>littoralis</i>	FS,SE	0.00	0.00	0.00	0.84	0.08	0.00	0.00	0.00	0.00	0.00	0.00
Short-Leaved Dudleya	<i>Dudleya brevifolia</i>	SE	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00
Surf Thistle	<i>Cirsium rhotophilum</i>	FS,ST	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00
Vandenberg Monkeyflower	<i>Diplacus vandenbergensis</i>	FE	0.00	0.00	0.05	2.47	3.96	0.00	0.00	4.53	0.00	0.00	0.00

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



- City
- Highway
- Major Road

- District 5 Transportation Project
- Caltrans District

**HYDROLOGIC UNITS (HUC8)
WITH POTENTIAL
TRANSPORTATION
PROJECTS FOR
CALTRANS DISTRICT 5**

HUC 8 NAME			Riparian	Waters	Wetland
Common Species Name	Scientific Species Name	Listing Status			
Central Coastal			4.32	0.77	0.16
Steelhead - South Central California Coast DPS	<i>Oncorhynchus mykiss irideus pop. 9</i>	FT,SSC		0.40	0.01
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.31	0.01
Cuyama			0.31	0.03	0.00
N/A	N/A	N/A		0.00	0.00
Estrella			0.24	0.07	0.00
Steelhead - South Central California Coast DPS	<i>Oncorhynchus mykiss irideus pop. 9</i>	FT,SSC		0.07	0.00
Monterey Bay			8.44	1.69	0.45
Coho Salmon - Central California Coast ESU	<i>Oncorhynchus kisutch pop. 4</i>	FE,SE		0.25	0.00
Steelhead - Central California Coast DPS	<i>Oncorhynchus mykiss irideus pop. 8</i>	FT,SSC		0.26	0.00
Steelhead - South Central California Coast DPS	<i>Oncorhynchus mykiss irideus pop. 9</i>	FT,SSC		1.54	0.23
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		1.64	0.23
Pajaro			0.29	0.07	0.03
Steelhead - South Central California Coast DPS	<i>Oncorhynchus mykiss irideus pop. 9</i>	FT,SSC		0.07	0.00
Salinas			5.76	1.12	1.11
Steelhead - South Central California Coast DPS	<i>Oncorhynchus mykiss irideus pop. 9</i>	FT,SSC		1.12	0.13
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.62	0.00
San Francisco Coastal South			0.32	0.58	0.09
Coho Salmon - Central California Coast ESU	<i>Oncorhynchus kisutch pop. 4</i>	FE,SE		0.26	0.09
Steelhead - Central California Coast DPS	<i>Oncorhynchus mykiss irideus pop. 8</i>	FT,SSC		0.26	0.09
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.26	0.09
Santa Barbara Coastal			4.46	0.61	0.00
Steelhead - Southern California DPS	<i>Oncorhynchus mykiss irideus pop. 10</i>	FE,SE		0.60	0.00
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.60	0.00
Santa Maria			0.49	0.90	0.12
Steelhead - Southern California DPS	<i>Oncorhynchus mykiss irideus pop. 10</i>	FE,SE		0.90	0.00
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.10	0.00
Unarmored Threespine Stickleback	<i>Gasterosteus aculeatus williamsoni</i>	FE,SE,SFP		0.80	0.00
Santa Ynez			0.92	1.23	0.00
Steelhead - Southern California DPS	<i>Oncorhynchus mykiss irideus pop. 10</i>	FE,SE		1.11	0.00
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.70	0.00
Unarmored Threespine Stickleback	<i>Gasterosteus aculeatus williamsoni</i>	FE,SE,SFP		0.70	0.00

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
- **Key:** Caltrans District 6 – Ecoregion Section Impact by Species Special Status Species Acronym Key
- **Table:** Caltrans District 6 – Central California 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 – Mojave Desert 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 Riparian, Waters, Wetlands, and Fish Species 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 HUC8 (Acres)
19315	FRE	99	21.2	24.4	Pavement	2023/24	Great Valley	29.22	Upper Dry	29.22
19318	FRE	145	35.3	R41.2	Pavement	2029/30	Great Valley	0.11	Middle San Joaquin-Lower Chowchilla	0.11
19319	FRE	168	R8.13	45.8	Drainage	2024/25	Great Valley	0.63	Upper Dry	0.63
							Sierra Nevada	4.91	Upper Dry	3.42
									Upper King	0.41
									Upper San Joaquin	1.08
							Sierra Nevada Foothills	3.32	Middle San Joaquin-Lower Chowchilla	1.18
									Upper San Joaquin	2.14
19330	KER	5	0.73	1.08	Roadside	2024/25	Sierra Nevada Foothills	1.94	Middle Kern-Upper Tehachapi-Grapevine	1.94
19331	KER	5	4.4	10.2R	Pavement	2024/25	Great Valley	0.41	Middle Kern-Upper Tehachapi-Grapevine	1.23
							Sierra Nevada Foothills	0.82		
19332	KER	5	10.2R	15.9R	Pavement	2023/24	Great Valley	0.34	Middle Kern-Upper Tehachapi-Grapevine	0.34
19335	KER	33	21.8	39.8	Drainage	2023/24	Great Valley	1.95	Middle Kern-Upper Tehachapi-Grapevine	1.36
									Tulare Lake Bed	0.59
19336	KER	33	14.4	17.9	Pavement	2025/26	Great Valley	13.45	Middle Kern-Upper Tehachapi-Grapevine	13.45
									Middle Kern-Upper Tehachapi-Grapevine	2.24
									Tulare Lake Bed	0.38
19344	KER	99	2.94	57.29	Drainage	2029/30	Great Valley	3.28	Upper Deer-Upper White	0.59
									Upper Poso	0.06
									Middle Kern-Upper Tehachapi-Grapevine	29.61
									Upper Deer-Upper White	0.19
19345	KER	99	21.15	24.6	Pavement	2026/27	Great Valley	29.61	Middle Kern-Upper Tehachapi-Grapevine	29.61
19346	KER	155	R0.0	R1.3	Pavement	2023/24	Great Valley	0.19	Upper Deer-Upper White	0.19
19355	KIN	5	16.2	26.72	Pavement	2029/30	Central California Coast Ranges	0.21	Tulare Lake Bed	0.21
19356	KIN	41	0	15.5	Pavement	2024/25	Central California Coast Ranges	1.17	Tulare Lake Bed	1.17
									Tulare Lake Bed	0.12
19367	TUL	99	20.2	R53.232	Sustainability/Climate Change	2023/24	Great Valley	1.91	Upper Kaweah	0.63
									Upper Tule	1.16
									Upper Kaweah	0.68
									Upper Tule	1.22
19370	TUL	99	27.6	30.6	Pavement	2023/24	Great Valley	0.68	Upper Kaweah	0.68
19374	TUL	245	0	33	Drainage	2024/25	Great Valley	1.74	Upper Kaweah	1.22
									Upper Tule	0.53
									Sierra Nevada Foothills	3.45
19547	TUL	190	32.2	52.8	Pavement	2027/28	Sierra Nevada	0.21	Upper Tule	0.65
							Sierra Nevada Foothills	0.44		
19548	KER	5	15.9R	30	Pavement	2025/26	Great Valley	0.69	Middle Kern-Upper Tehachapi-Grapevine	0.69
19551	FRE	41	R0.0	R6.202	Pavement	2024/25	Great Valley	1.90	Upper Dry	1.90
19554	FRE	5	10	21	Pavement	2027/28	Great Valley	3.50	Upper Dry	3.50
19555	MAD	41	9	15.4	Pavement	2028/29	Sierra Nevada Foothills	0.09	Middle San Joaquin-Lower Chowchilla	0.09
19556	KER	99	0	10.5	Pavement	2030/31	Great Valley	0.06	Middle Kern-Upper Tehachapi-Grapevine	0.06
									Upper Deer-Upper White	0.40
19558	KER	99	R43.9R	49.4	Pavement	2029/30	Great Valley	0.58	Upper Poso	0.18
									Upper Tule	0.48
19560	TUL	190	R14.9	22.77	Pavement	2030/31	Great Valley	0.48	Upper Tule	0.48
19561	MAD	152	R0.0	15.6	Pavement	2030/31	Great Valley	0.51	Fresno River	0.46
									Middle San Joaquin-Lower Chowchilla	0.04
19563	FRE	5	0	10	Pavement	2027/28	Great Valley	0.60	Tulare Lake Bed	0.60
19564	KER	33	17.9	21.48	Pavement	2030/31	Great Valley	0.88	Middle Kern-Upper Tehachapi-Grapevine	0.88
									Upper Deer-Upper White	1.38
19565	KER	65	6.9	25.16	Pavement	2030/31	Great Valley	1.85	Upper Poso	0.47
									Tulare Lake Bed	0.11
19567	Kings	198	5	R12.11	Pavement	2029/30	Great Valley	0.11	Tulare Lake Bed	0.11
19574	KER	46	33.2	46	Pavement	2025/26	Great Valley	1.06	Tulare Lake Bed	1.06
									Fresno River	0.40
19575	MAD	41	15.4	22.1	Pavement	2029/30	Sierra Nevada Foothills	0.52	Middle San Joaquin-Lower Chowchilla	0.12
									Tulare Lake Bed	1.29
19579	KIN	198	R14.80	R21.50	Pavement	2026/27	Great Valley	1.29	Tulare Lake Bed	1.29
19581	KER	65	R0.0	6.9	Pavement	2029/30	Great Valley	0.05	Upper Poso	0.05
20927	KER	43	25.2	25.4	Reactive Safety	2023/24	Great Valley	1.03	Upper Poso	1.03
21454	KIN	41	16.62	16.82	Reactive Safety	2023/24	Central California Coast Ranges	0.87	Tulare Lake Bed	0.87
21604	FRE	180	47.3	48	Reactive Safety	2023/24	Great Valley	3.16	Upper Dry	3.16
21768	TUL	190	11.3	11.5	Reactive Safety	2023/24	Great Valley	1.99	Tulare Lake Bed	1.99

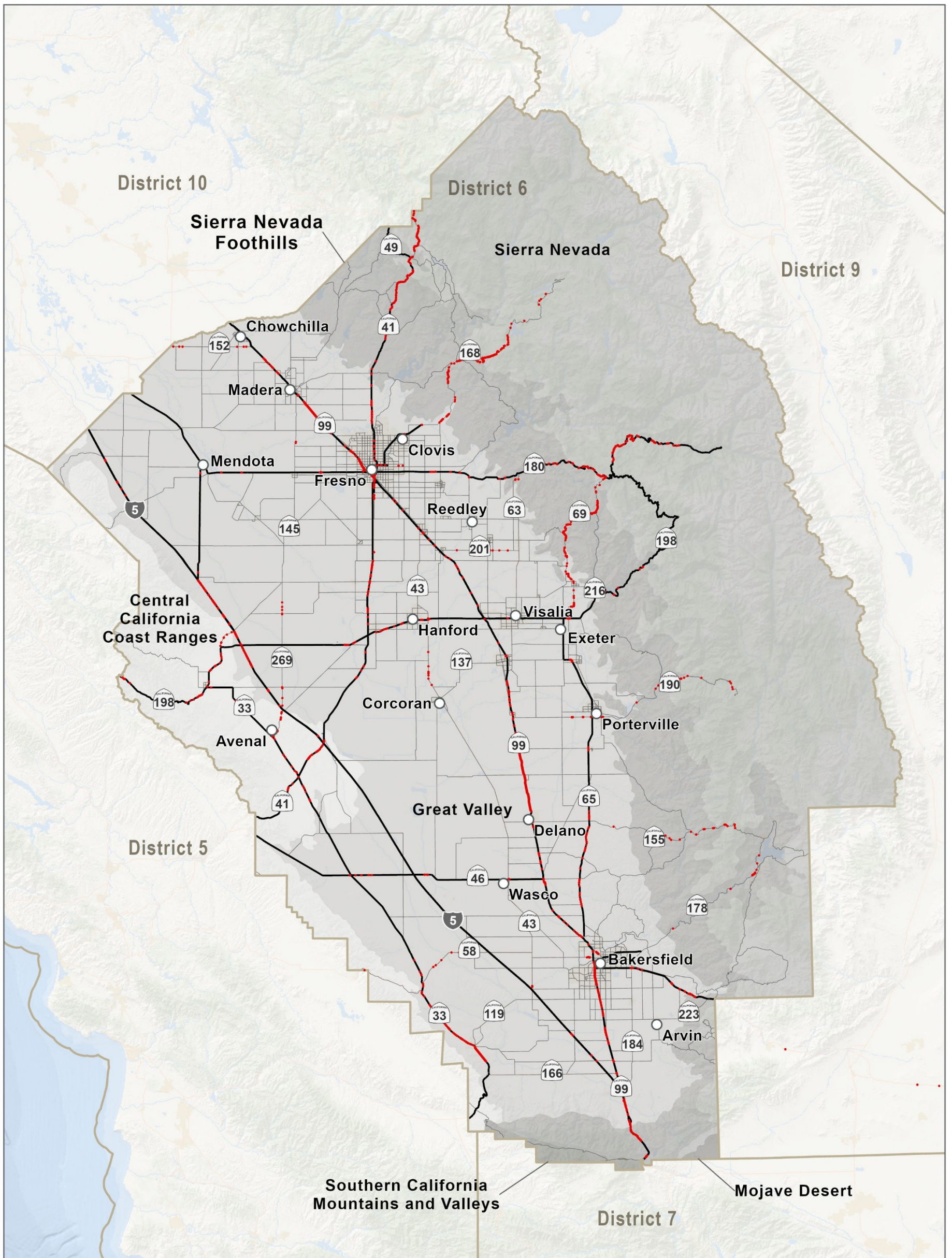
Caltrans District 6 - Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC 8	Footprint in HUC8 (Acres)
21915	FRE	180	89.6	90.7	Reactive Safety	2023/24	Sierra Nevada Foothills	4.10	Tulare Lake Bed	4.10
21919	KER	43	15.6	16	Reactive Safety	2023/24	Great Valley	3.81	Tulare Lake Bed	3.81
22143	FRE	5	0.14	R33.201	Drainage	2025/26	Central California Coast Ranges	0.23	Tulare Lake Bed	0.23
							Great Valley	1.45	Middle San Joaquin-Lower Chowchilla	0.79
									Upper Dry	0.62
									Upper Kaweah	0.04
							Sierra Nevada	3.83	Tulare Lake Bed	1.31
									Upper King	1.84
									Upper San Joaquin	0.68
							Sierra Nevada Foothills	1.31	Tulare Lake Bed	0.51
									Upper Dry	0.06
									Upper Kaweah	0.25
Upper San Joaquin	0.49									
22146	MAD	41	R0.87	45.55	Drainage	2030/31	Great Valley	1.79	Middle San Joaquin-Lower Chowchilla	1.79
							Sierra Nevada	4.16	Fresno River	4.16
							Sierra Nevada Foothills	3.03	Fresno River	3.03
22147	TUL	65	11.99	55.86	Drainage	2029/30	Great Valley	0.47	Upper Deer-Upper White	0.23
									Upper Kaweah	0.12
							Sierra Nevada	0.37	Upper Tule	0.11
									Upper Tule	0.37
									Upper Kaweah	0.80
Sierra Nevada Foothills	1.13	Upper Tule	0.34							
22897	MAD	99	0.1	8.1	Pavement	2025/26	Great Valley	56.32	Middle San Joaquin-Lower Chowchilla	56.32
22902	MAD	99	9.74	9.74	Bridge - Health	2030/31	Great Valley	0.88	Middle San Joaquin-Lower Chowchilla	0.88
22903	KER	99	R28.4	33	Pavement	2030/31	Great Valley	0.04	Tulare Lake Bed	0.04
23188	KIN	33	0	R48.2	Drainage	2026/27	Central California Coast Ranges	3.21	Tulare Lake Bed	3.21
							Great Valley	3.17	Tulare Lake Bed	2.79
									Upper Dry	0.14
23447	KER	204	5.49	5.9	Proactive Safety	2026/27	Great Valley	3.04	Middle Kern-Upper Tehachapi-Grapevine	2.51
									Tulare Lake Bed	0.53
									Tulare Lake Bed	1.56
23500	FRE	33	0.94	43.47	Drainage	2029/30	Central California Coast Ranges	2.09	Upper Dry	0.53
									Tulare Lake Bed	0.37
							Great Valley	0.73	Upper Dry	0.36
									Upper Dry	3.17
24494	FRE	5	21	29.7	Pavement	2032/33	Great Valley	3.17	Upper Dry	3.17
24501	KER	178	13.781	R29.197	Pavement	2032/33	Sierra Nevada Foothills	0.03	Middle Kern-Upper Tehachapi-Grapevine	0.03
24503	MAD	99	15.106	19.83	Pavement	2031/32	Great Valley	1.01	Fresno River	1.01
24509	KER	58	0	6	Pavement	2031/32	Central California Coast Ranges	0.07	Tulare Lake Bed	0.07
24515	FRE	41	R21.108	R24.833	Pavement	2031/32	Great Valley	2.22	Upper Dry	2.22
24520	FRE	41	R17.7	R21.108	Pavement	2032/33	Great Valley	1.19	Upper Dry	1.19
24523	TUL	99	41.3	R53.9	Pavement	2032/33	Great Valley	0.05	Tulare Lake Bed	0.05
24524	TUL	99	13.5	25.2	Pavement	2031/32	Great Valley	1.21	Tulare Lake Bed	0.40
									Upper Deer-Upper White	0.46
									Upper Tule	0.35
24534	KER	46	20	26.4	Pavement	2032/33	Great Valley	0.39	Tulare Lake Bed	0.39
24535	KER	58	27.2	31.44	Pavement	2031/32	Great Valley	0.03	Tulare Lake Bed	0.03
24573	KER	99	2.877	57.289	Drainage	2032/33	Great Valley	3.07	Middle Kern-Upper Tehachapi-Grapevine	1.51
									Tulare Lake Bed	0.48
									Upper Deer-Upper White	0.91
									Upper Poso	0.17
							Sierra Nevada	0.22	Upper Kern	0.05
									Upper Poso	0.16
							Sierra Nevada Foothills	1.29	Middle Kern-Upper Tehachapi-Grapevine	0.41
									Upper Deer-Upper White	0.17
Upper Kern	0.14									

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 HUC8 (Acres)
									Upper Poso	0.57
24574	FRE	41	R25.787	R29.389	Drainage	2032/33	Great Valley	1.33	Upper Dry	1.33
24601	FRE	99	R0.74	31.591	Drainage	2031/32	Great Valley	3.13	Tulare Lake Bed	0.24
									Upper Dry	2.89
									Tulare Lake Bed	0.19
24602	FRE	180	28.532	123.886	Drainage	2030/31	Great Valley	1.55	Upper Dry	1.33
									Upper Kaweah	0.03
							Sierra Nevada	2.36	Tulare Lake Bed	1.04
									Upper King	1.32
							Sierra Nevada Foothills	0.63	Tulare Lake Bed	0.52
									Upper Kaweah	0.11
24603	KER	58	1.244	R129.584	Drainage	2030/31	Great Valley	2.94	Middle Kern-Upper Tehachapi-Grapevine	2.65
									Tulare Lake Bed	0.29
							Mojave Desert	0.18	Antelope-Fremont Valleys	0.18
							Sierra Nevada	0.10	Antelope-Fremont Valleys	0.10
							Sierra Nevada Foothills	0.18	Middle Kern-Upper Tehachapi-Grapevine	0.18
24774	MAD	41	34.1	36.7	Pavement	2029/30	Sierra Nevada	0.14	Fresno River	0.55
							Sierra Nevada Foothills	0.41		
24775	TUL	201	0	113.98	Pavement	2029/30	Great Valley	0.29	Tulare Lake Bed	0.09
									Upper Kaweah	0.20
24786	KER	5	4.4	10.2L	Pavement	2028/29	Great Valley	0.97	Middle Kern-Upper Tehachapi-Grapevine	3.62
							Sierra Nevada Foothills	2.65		
24787	KER	5	10.2L	15.9R	Pavement	2031/32	Great Valley	1.51	Middle Kern-Upper Tehachapi-Grapevine	1.51
24815	Tulare	198	R19.5	20	Mobility - Operational Improvements	2028/29	Great Valley	12.75	Upper Tule	12.75
24827	KER	178	R41.16	R41.16	Bridge - Health	2032/33	Great Valley	7.15	Middle Kern-Upper Tehachapi-Grapevine	2.45
									Tulare Lake Bed	0.84
									Upper Poso	3.85
							Sierra Nevada Foothills	2.93	Middle Kern-Upper Tehachapi-Grapevine	2.93
25177	Tulare	190	13.1	16.6	Mobility - Operational Improvements	2024/25	Great Valley	12.90	Tulare Lake Bed	0.97
									Upper Tule	11.93
25260	TUL	99	0	13.5	Pavement	2023/24	Great Valley	100.25	Upper Deer-Upper White	100.25

Caltrans District 6 - Ecoregion Sections with Potential Transportation Projects



Miles

0 10 20

— Highway

— Major Road

■ District 6 Transportation Project

□ Caltrans District

**ECOREGION SECTIONS
WITH POTENTIAL
TRANSPORTATION
PROJECTS FOR
CALTRANS DISTRICT 6**

Ecoregion Section Impact by Species

Special Status Species Acronym Key

District 6

FE = Federally Endangered

FT = Federally Threatened

SE = State Endangered

ST = State Threatened

FCT = Federal Candidate Threatened

FCE = Federal Candidate Endangered

SCT = State Candidate Threatened

SCE = State Candidate Endangered

SFP = State Fully Protected Species

SSC = State Species of Concern

SR = State Rare Species

FS = Federal Sensitive Species (includes USFS sensitive and/or BLM Sensitive)

SFS = State Fire Sensitive

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District 6 Central California Coast Ranges Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Barren	Blue Oak Woodland	Coastal Scrub	Cropland	Juniper
Amphibians		Total:	0.01	4.55	0.55	0.15	0.35	1.64	0.02
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	0.00	2.00	0.00	0.15	0.35	0.00	0.00
California Tiger Salamander - Central California DPS	<i>Ambystoma californiense pop. 1</i>	FT,ST	0.00	1.17	0.00	0.15	0.00	0.00	0.00
Foothill Yellow Legged Frog - Central Coast DPS	<i>Rana boylei</i>	FT, SE, FS	0.00	4.55	0.00	0.15	0.35	0.00	0.00
Western Spadefoot	<i>Spea hammondi</i>	FCT,FS,SSC	0.01	4.28	0.00	0.00	0.00	0.00	0.00
Birds									
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	SFS	0.00	0.06	0.00	0.15	0.35	0.00	0.00
Burrowing Owl	<i>Athene cunicularia</i>	FS,SCE,SSC	0.00	3.35	0.47	0.00	0.00	0.00	0.00
California Condor	<i>Gymnogyps californianus</i>	FE,SE,SFP,SFS	0.00	4.55	0.55	0.15	0.35	0.00	0.00
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	0.01	4.55	0.55	0.15	0.35	0.00	0.02
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	0.00	4.55	0.00	0.00	0.00	0.00	0.00
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.01	4.55	0.55	0.15	0.35	0.00	0.02
Long-Eared Owl	<i>Asio otus</i>	SSC	0.00	4.55	0.00	0.15	0.00	0.00	0.02
Mountain Plover	<i>Anarhynchus montanus</i>	FS,SSC	0.00	4.46	0.52	0.00	0.00	0.00	0.00
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.01	4.46	0.52	0.00	0.00	0.00	0.00
Oregon Vesper Sparrow	<i>Poocetes gramineus affinis</i>	SSC	0.00	4.55	0.00	0.15	0.00	0.00	0.02
Short-Eared Owl	<i>Asio flammeus</i>	SSC	0.01	3.67	0.00	0.00	0.00	0.00	0.02
Swainson's Hawk	<i>Buteo swainsoni</i>	FS,ST	0.00	3.35	0.47	0.00	0.00	0.00	0.00
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	0.00	4.55	0.00	0.00	0.00	0.00	0.00
Western Snowy Plover	<i>Anarhynchus nivosus nivosus</i>	FT,SSC	0.00	0.00	0.14	0.00	0.00	0.00	0.00
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	0.01	4.55	0.55	0.15	0.35	0.00	0.00
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	0.00	0.15	0.35	0.00	0.00
Mammals									
American Badger	<i>Taxidea taxus</i>	SSC	0.01	4.55	0.55	0.15	0.35	0.00	0.02
Giant Kangaroo Rat	<i>Dipodomys ingens</i>	FE,SE	0.01	4.49	0.55	0.00	0.00	0.00	0.00
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	0.00	4.15	0.00	0.15	0.35	0.00	0.02
Nelson's Antelope Ground Squirrel	<i>Ammospermophilus nelsoni</i>	FS,ST	0.01	4.49	0.55	0.00	0.00	0.00	0.00
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.01	4.55	0.55	0.15	0.35	0.00	0.02
Salinas Pocket Mouse	<i>Perognathus inornatus psammophilus</i>	SSC	0.00	0.08	0.03	0.15	0.00	0.00	0.00
San Joaquin Kit Fox	<i>Vulpes macrotis mutica</i>	FE,ST	0.01	4.55	0.55	0.15	0.00	0.00	0.02
Short-Nosed Kangaroo Rat	<i>Dipodomys nitratoides brevinasus</i>	FS,SSC	0.00	0.15	0.10	0.00	0.00	0.00	0.00
Tipton Kangaroo Rat	<i>Dipodomys nitratoides nitratoides</i>	FE,SE	0.00	3.35	0.36	0.00	0.00	0.00	0.00
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.01	4.55	0.55	0.15	0.35	0.00	0.02
Tulare Grasshopper Mouse	<i>Onychomys torridus tularensis</i>	FS,SSC	0.01	4.55	0.00	0.00	0.35	0.00	0.00
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	0.01	4.55	0.55	0.15	0.35	0.00	0.02
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	0.00	4.55	0.00	0.15	0.35	0.00	0.02
Reptiles									
Bakersfield Legless Lizard	<i>Anniella grinnelli</i>	SSC	0.00	2.26	0.14	0.00	0.00	0.00	0.00
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS,SSC	0.01	4.55	0.00	0.15	0.35	0.00	0.02
Blunt-Nosed Leopard Lizard	<i>Gambelia sila</i>	FE,SE,SFP	0.01	4.49	0.55	0.00	0.00	0.00	0.00
California Glossy Snake	<i>Arizona elegans occidentalis</i>	SSC	0.01	4.55	0.00	0.15	0.35	0.00	0.00
California Legless Lizard	<i>Anniella spp.</i>	SSC	0.00	0.00	0.00	0.15	0.35	0.00	0.00
Coast Patch-Nosed Snake	<i>Salvadora hexalepis virgultea</i>	SSC	0.00	0.02	0.02	0.00	0.00	0.00	0.00
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	0.00	4.00	0.00	0.00	0.00	0.00	0.00
San Joaquin Coachwhip	<i>Masticophis flagellum ruddocki</i>	SSC	0.01	4.55	0.00	0.15	0.35	0.00	0.02
Southern California Legless Lizard	<i>Anniella stebbinsi</i>	FS,SSC	0.00	0.00	0.14	0.00	0.00	0.00	0.00
Southern Sierra Legless Lizard	<i>Anniella campi</i>	FS,SSC	0.00	0.00	0.14	0.00	0.00	0.00	0.00
Southwestern Pond Turtle	<i>Actinemys pallida</i>	FCT,FS,SSC	0.00	0.54	0.00	0.15	0.35	0.00	0.00
Temblor Legless Lizard	<i>Anniella alexanderae</i>	SCE,SSC	0.00	3.35	0.47	0.00	0.00	0.00	0.00
Two-Striped Gartersnake	<i>Thamnophis hammondi</i>	FS,SSC	0.00	1.17	0.00	0.15	0.35	0.00	0.00
Invertebrates									
Conservancy Fairy Shrimp	<i>Branchinecta conservatio</i>	FE	0.00	0.06	0.00	0.00	0.00	0.00	0.00
Crotch's Bumble Bee	<i>Bombus crotchii</i>	SCE	0.01	4.55	0.55	0.15	0.35	1.64	0.02
Longhorn Fairy Shrimp	<i>Branchinecta longiantenna</i>	FE	0.00	0.03	0.00	0.00	0.00	0.00	0.00
Vernal Pool Fairy Shrimp	<i>Branchinecta lynchi</i>	FT	0.00	4.55	0.00	0.00	0.00	0.00	0.00
Plants									
Bakersfield Smallscale	<i>Atriplex tularensis</i>	SE	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Boggs Lake Hedge-Hyssop	<i>Gratiola heterosepala</i>	FS,SE	0.00	4.52	0.00	0.00	0.00	0.00	0.00

District 6 Central California Coast Ranges Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Barren	Blue Oak Woodland	Coastal Scrub	Cropland	Juniper
		Total:	0.01	4.55	0.55	0.15	0.35	1.64	0.02
California Jewelflower	<i>Caulanthus californicus</i>	FE,SE	0.00	2.01	0.00	0.00	0.00	0.00	0.00
Dwarf Goldenstar	<i>Bloomeria humilis</i>	FS,SR	0.00	0.03	0.00	0.00	0.35	0.00	0.00
Indian Valley Brodiaea	<i>Brodiaea rosea</i>	FS,SE	0.00	4.52	0.00	0.00	0.00	0.00	0.00
Livermore Tarplant	<i>Deinandra baccigalupii</i>	SE	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Roderick's Fritillary	<i>Fritillaria roderickii</i>	SE	0.00	0.03	0.00	0.00	0.35	0.00	0.00
San Joaquin Woollythreads	<i>Monolopia congdonii</i>	FE	0.01	4.13	0.00	0.00	0.00	0.00	0.00

Common Name	Species Name	Status	Alkali Desert Scrub	Alkali Desert Scrub	Annual Grassland	Annual Grassland	Alkali Desert Scrub	Barren	Blue Oak-Foothill Pine; Blue Oak Woodland	Coastal Scrub	Cropland; Orchard; Vineyard	Deciduous Orchard; Evergreen Orchard; Vineyard; Irrigated Row and Field Crops	Desert Riparian	Eucalyptus	Fresh Emergent Wetland; Urban	Lacustrine; Riverine	Montane Hardwood	Saline Emergent Wetland	Valley Foothill Riparian	Valley Foothill Riparian; Desert	Valley Foothill Riparian; Montane	Valley Foothill Riparian
Amphibians			0.04	13.40	13.93	0.67	1.44	0.01	0.81	0.35	27.58	0.08	0.71	0.06	0.11	0.00	0.36	0.19	0.01	0.01	0.33	
California Red-Legged Frog	<i>Rana draytoni</i>	FT,SSC	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	0.00	0.00	0.04	0.00	0.00	
California Tiger Salamander - Central California DPS	<i>Ambystoma californiense pop. 1</i>	FT,ST	0.00	0.00	2.95	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.54	0.00	0.00	0.00	0.00	0.09	0.00	0.04	
Foothill Yellow Legged Frog - Central Coast DPS	<i>Rana boylei</i>	FT,SE,FS	0.00	0.00	2.15	0.00	0.00	0.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Foothill Yellow Legged Frog - South Sierra DPS	<i>Rana boylei</i>	FE,SE,FS	0.00	0.00	11.28	0.67	0.00	0.01	0.23	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00	0.00	0.19	0.01	0.33	
Western Spadefoot	<i>Spea hammondi</i>	FCT,FS,SSC	0.04	13.20	13.73	0.67	0.00	0.01	0.24	0.00	0.00	0.00	27.58	0.00	0.71	0.06	0.11	0.00	0.00	0.00	0.00	
Birds			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	0.00	0.00	0.00	0.00	0.00	
American White Pelican	<i>Pelecanus erythrorhynchos</i>	SSC	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	0.00	0.00	0.00	0.00	0.00	
Black Tern	<i>Chlidonias niger</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.31	0.00	0.00	0.00	
Burrowing Owl	<i>Aethes cunicularia</i>	FS,SCE,SSC	0.04	13.40	13.93	0.67	1.44	0.01	0.81	0.00	0.00	0.00	0.00	0.08	0.71	0.06	0.00	0.00	0.00	0.19	0.01	
California Condor	<i>Gymnogyps californianus</i>	FE,SE,SFP,SFS	0.00	0.00	10.44	0.04	1.44	0.01	0.81	0.00	0.00	0.00	0.00	0.06	0.00	0.11	0.00	0.00	0.00	0.00	0.00	
California Spotted Owl	<i>Strix occidentalis occidentalis</i>	FS,SSC	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	0.00	0.00	0.00	0.00	0.00	
Fulvous Whistling-Duck	<i>Dendrocygna bicolor</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	0.00	0.00	3.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Little Willow Flycatcher	<i>Empidonax traillii brewsteri</i>	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.00	0.00	0.00	0.00	0.10	0.00	0.04	
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.04	13.40	13.93	0.67	1.44	0.01	0.81	0.00	0.00	0.00	27.58	0.08	0.71	0.06	0.00	0.00	0.00	0.19	0.01	
Mountain Plover	<i>Anarhynchus montanus</i>	FS,SSC	0.00	0.00	1.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.04	13.40	13.88	0.67	1.44	0.01	0.81	0.00	0.00	0.00	27.58	0.08	0.71	0.06	0.11	0.00	0.36	0.19	0.01	
Oregon Vesper Sparrow	<i>Pooecetes gramineus affinis</i>	SSC	0.00	0.00	1.60	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	0.00	0.00	
Redhead	<i>Aythya americana</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	
San Joaquin Le Conte's Thrasher	<i>Toxostoma lecontei macmillanorum</i>	FS,SSC	0.00	12.50	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	0.00	0.00	0.00	
Short-Eared Owl	<i>Asio flammeus</i>	SSC	0.02	12.78	1.65	0.60	0.00	0.00	0.01	0.00	0.00	0.00	2.37	0.00	0.02	0.06	0.00	0.00	0.00	0.00	0.00	
Southwestern Willow Flycatcher	<i>Empidonax traillii eximius</i>	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	0.00	0.00	0.00	0.00	0.00	
Swainson's Hawk	<i>Buteo swainsoni</i>	FS,ST	0.00	0.00	0.87	0.00	0.44	0.01	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.19	0.01	0.29	
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	0.00	0.00	13.93	0.67	0.00	0.00	0.00	0.00	0.00	0.00	27.58	0.00	0.71	0.06	0.00	0.00	0.00	0.19	0.01	
Western Snowy Plover	<i>Anarhynchus nivosus nivosus</i>	FT,SSC	0.00	0.00	0.00	0.00	0.13	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	
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	0.04	13.40	13.93	0.67	1.44	0.01	0.81	0.00	0.00	0.00	27.58	0.00	0.71	0.06	0.00	0.00	0.36	0.19	0.01	
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.71	0.06	0.00	0.00	0.00	0.19	0.01	
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Yellow-Headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	SSC	0.00	0.00	13.93	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.11	0.00	0.00	0.00	0.00	0.00	
Mammals			0.04	13.40	13.93	0.67	1.44	0.01	0.81	0.00	0.00	0.00	27.58	0.08	0.71	0.06	0.00	0.00	0.00	0.19	0.01	
American Badger	<i>Taxidea taxus</i>	SSC	0.04	13.40	13.93	0.67	1.44	0.01	0.81	0.00	0.00	0.00	27.58	0.08	0.71	0.06	0.00	0.00	0.00	0.19	0.01	
Guerra Vista Lake Omate Shrew	<i>Sorex ornatus pellicus</i>	FE,SSC	0.00	0.00	0.13	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	
Fisher - Southern Sierra Nevada ESU	<i>Pekania pennanti pop. 2</i>	FE,FS,SSC,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	0.00	0.00	0.00	0.00	0.00	0.00	
Fresno Kangaroo Rat	<i>Dipodomys nitratoides exilis</i>	FE,SE	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Giant Kangaroo Rat	<i>Dipodomys ingens</i>	FE,SE	0.01	13.06	2.91	0.65	1.12	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	
Mountain Lynx - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	0.00	13.94	3.80	0.04	0.00	0.00	0.56	0.00	0.00	0.00	1.52	0.08	0.06	0.00	0.00	0.00	0.00	0.00	0.01	
Nelson's Antelope Ground Squirrel	<i>Ammodramus nelsoni</i>	FS,ST	0.01	13.13	4.85	0.65	1.44	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.04	13.40	13.93	0.67	1.44	0.01	0.81	0.00	0.00	0.00	27.58	0.08	0.71	0.06	0.11	0.00	0.00	0.19	0.01	
San Joaquin Kit Fox	<i>Vulpes macrotis mulica</i>	FE,ST	0.04	13.40	13.93	0.67	1.44	0.01	0.81	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.19	0.01	
Short-Nosed Kangaroo Rat	<i>Dipodomys nitratoides brevinaeus</i>	FS,SSC	0.00	4.53	0.87	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spotted Bat	<i>Eidemia maculatum</i>	FS,SSC	0.00	0.08	3.13	0.00	0.00	0.01	0.23	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.04	0.00	0.04	
Tiroler Kangaroo Rat	<i>Dipodomys nitratoides nitratoides</i>	FE,SE	0.04	12.88	9.92	0.67	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Townsend's Bio-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.04	13.40	13.93	0.67	1.44	0.01	0.81	0.00	0.00	0.00	27.58	0.08	0.71	0.06	0.11	0.00	0.00	0.19	0.01	
Tulare Grasshopper Mouse	<i>Onychomys torridus tularensis</i>	FS,SSC	0.01	13.37	8.19	0.65	0.00	0.00	0.80	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.09	0.01	
Western Masiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	0.01	13.40	11.18	0.65	1.44	0.01	0.81	0.00	0.00	0.00	16.85	0.08	0.06	0.06	0.00	0.00	0.00	0.19	0.01	
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	0.00	0.00	13.93	0.67	0.00	0.01	0.81	0.00	0.00	0.00	0.00	0.71	0.06	0.11	0.00	0.00	0.00	0.19	0.01	
Reptiles			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	0.00	0.00	0.00	0.00	0.00	
Bakersfield Legless Lizard	<i>Anniella grinnelli</i>	SSC	0.00	0.00	8.61	0.67	1.03	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.09	0.01	0.29	
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS,SSC	0.04	13.40	13.93	0.67	0.00	0.01	0.81	0.00	0.00	0.00	27.58	0.00	0.71	0.06	0.00	0.00	0.00			

District 6 Mojave Desert Ecoregion Section Impact by Species Summary Table

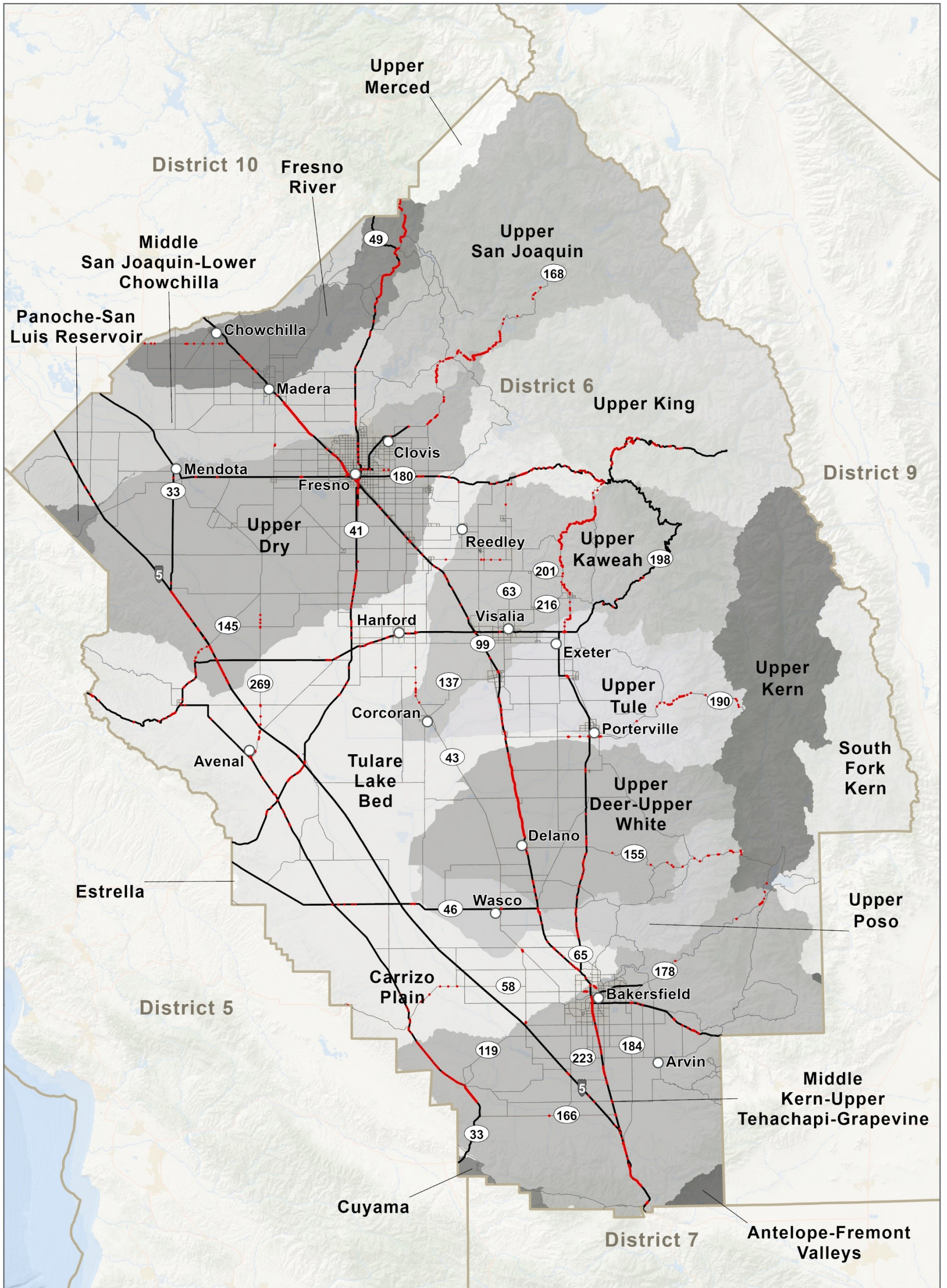
Common Name	Species Name	Status	Alkali Desert Scrub
		Total:	0.05
Birds			
Burrowing Owl	<i>Athene cunicularia</i>	FS,SCE,SSC	0.05
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	0.05
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.05
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.05
Mammals			
American Badger	<i>Taxidea taxus</i>	SSC	0.05
Mohave Ground Squirrel	<i>Xerospermophilus mohavensis</i>	FS,ST	0.05
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.05
Southern California Ringtail	<i>Bassariscus astutus octavus</i>	SFP	0.05
Spotted Bat	<i>Euderma maculatum</i>	FS,SSC	0.05
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.05
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	0.05
Reptiles			
Desert Tortoise	<i>Gopherus agassizii</i>	FT,SE	0.05
Invertebrate			
Crotch's Bumble Bee	<i>Bombus crotchii</i>	SCE	0.05
Plant			
Sodaville Milk-Vetch	<i>Astragalus lentiginosus var. sesquimetralis</i>	SE	0.05

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

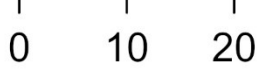
Common Name	Species Name	Status	Annual Grassland	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Coastal Oak Woodland	Coastal Scrub	Cropland	Eucalyptus	Mixed Chaparral	Montane Hardwood	Riverine	Sagebrush	Valley Foothill Riparian	Valley Oak Woodland
		Total:	5.41	0.01	8.78	0.15	0.21	0.77	0.02	0.03	0.09	0.27	0.10	0.36	2.09	0.00
Parish's Checkerbloom	<i>Sidalcea hickmanii ssp. parishii</i>	FS,SR	0.00	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
Roderick's Fritillary	<i>Fritillaria roderickii</i>	SE	0.22	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 Fernando Valley Spineflower	<i>Chorizanthe parryi var. fernandina</i>	FS,SE	0.22	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 Adobe Sunburst	<i>Pseudobahia peirsonii</i>	FT,SE	0.99	0.00	0.74	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	<i>Orcuttia inaequalis</i>	FT,SE	0.72	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 Woollythreads	<i>Monolopia congdonii</i>	FE	0.01	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 Susana Tarplant	<i>Deinandra minthornii</i>	FS,SR	0.00	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
Santa Ynez False Lupine	<i>Thermopsis macrophylla</i>	FS,SR	0.00	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
Springville Clarkia	<i>Clarkia springvillensis</i>	FT,SE	0.01	0.00	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Striped Adobe-Lily	<i>Fritillaria striata</i>	FS,ST	3.86	0.00	5.45	0.15	0.12	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00
Succulent Owl's-Clover	<i>Castilleja campestris var. succulenta</i>	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	0.00
Tompkins' Sedge	<i>Carex tompkinsii</i>	SR	0.00	0.00	8.75	0.15	0.21	0.76	0.00	0.00	0.02	0.27	0.00	0.00	0.00	0.00
Tracy's Eriogonum	<i>Eriogonum tracyi</i>	FS,SR	3.86	0.00	5.45	0.15	0.12	0.57	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00
Tree-Anemone	<i>Carpenteria californica</i>	FS,ST	0.00	0.00	8.48	0.15	0.12	0.76	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00
Yosemite Onion	<i>Allium yosemitense</i>	FS,SR	0.00	0.00	3.03	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Common Name	Species Name	Status	Annual Grassland	Barren	Blue Oak Woodland	Blue Oak-Foothill Pine	Chamise-Redshank Chaparral	Mixed Chaparral	Montane Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Perennial Grassland	Ponderosa Pine	Red Fir	Riverine	Sierran Mixed Conifer	Valley Foothill Riparian	Valley Oak Woodland	Wet Meadow	White Fir
		Total:	0.71	4.33	0.27	0.16	0.71	1.70	0.21	3.21	1.39	0.35	1.18	0.19	0.04	1.49	0.02	0.12	0.01	0.07
Amphibians																				
California Red-Legged Frog	<i>Rana draytonii</i>	FT.SSC	0.59	0.00	0.27	0.16	0.00	1.68	0.00	2.99	1.38	0.35	1.18	0.00	0.01	0.00	0.02	0.12	0.01	0.00
Foothill Yellow-Leaved Frog - South Sierra DPS	<i>Rana boylei</i>	FE, SE, FS	0.66	0.00	0.27	0.16	0.71	1.70	0.21	3.21	1.39	0.00	1.18	0.00	0.04	1.49	0.02	0.12	0.01	0.07
Sierra Nevada Yellow-Legged Frog	<i>Rana sierrae</i>	FE, FS, ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.03	0.00	0.00	0.19	0.00	0.24	0.00	0.00	0.01	0.04
Southern Mountain Yellow-Legged Frog (NC)	<i>Rana muscosa</i>	FE, SE, FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.00	0.04	0.06	0.00	0.00	0.00	0.00
Yosemite Toad	<i>Anaxyrus canorus</i>	FS, FT, SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.05	0.00	0.00	0.00	0.00
Birds																				
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	SFS	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.19	0.00	0.09	0.00	0.00	0.00	0.04
Bald Eagle	<i>Haliaeetus leucocephalus</i>	FS, SE, SFP, SFS	0.66	4.13	0.27	0.16	0.71	1.70	0.21	3.19	1.39	0.35	1.18	0.00	0.04	1.41	0.02	0.12	0.01	0.03
Black Swift	<i>Cypseloides niger</i>	SSC	0.30	0.58	0.01	0.00	0.00	0.53	0.00	0.47	0.00	0.00	0.00	0.00	0.04	0.06	0.00	0.00	0.00	0.00
California Condor	<i>Gymnogyps californianus</i>	FE, SE, SFP, SFS	0.71	4.33	0.27	0.16	0.71	1.70	0.21	3.21	1.39	0.35	1.18	0.19	0.04	1.49	0.00	0.12	0.00	0.07
California Spotted Owl	<i>Strix occidentalis occidentalis</i>	FS, SSC	0.00	0.00	0.00	0.16	0.00	0.00	0.00	3.21	1.39	0.00	1.18	0.19	0.00	1.49	0.02	0.00	0.00	0.07
Golden Eagle	<i>Aquila chrysaetos</i>	FS, SFP, SFS	0.71	4.33	0.27	0.16	0.71	1.70	0.21	3.21	1.39	0.35	1.18	0.19	0.00	1.49	0.02	0.12	0.01	0.07
Great Gray Owl	<i>Strix nebulosa</i>	FS, SE, SFS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	1.42	0.00	0.00	0.01	0.07
Little Willow Flycatcher	<i>Empidonax traillii brewsteri</i>	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	0.02	0.00	0.01	0.00
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.71	4.13	0.27	0.16	0.71	1.70	0.00	3.19	1.39	0.35	1.18	0.00	0.00	0.00	0.02	0.12	0.01	0.00
Long-Eared Owl	<i>Asio otus</i>	SSC	0.71	0.00	0.27	0.16	0.71	1.70	0.21	3.21	1.39	0.35	1.18	0.00	0.00	1.49	0.02	0.12	0.01	0.07
Mount Pinos Sooty Grouse	<i>Dendroaegus fuliginosus howardi</i>	SSC	0.51	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.55	0.35	0.73	0.00	0.00	1.10	0.00	0.00	0.00	0.00
Northern Goshawk	<i>Accipiter gentilis</i>	FS, SSC, SFS	0.00	0.00	0.02	0.16	0.71	1.65	0.21	2.90	1.39	0.00	1.18	0.19	0.00	1.49	0.00	0.09	0.00	0.07
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.05	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	0.00	0.00	0.00	0.00
Olive-Sided Flycatcher	<i>Contopus cooperi</i>	SSC	0.00	0.00	0.00	0.16	0.71	1.70	0.00	3.21	1.39	0.00	1.18	0.19	0.00	1.49	0.00	0.00	0.00	0.07
Oregon Vesper Sparrow	<i>Poocetes gramineus affinis</i>	SSC	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	0.00	0.00	0.00	0.00
Purple Martin	<i>Progne subis</i>	SSC	0.71	0.00	0.27	0.16	0.00	0.00	0.00	3.21	1.39	0.35	1.18	0.00	0.04	1.44	0.00	0.12	0.01	0.03
Purple Finch	<i>Actelopsis tricolor</i>	FS, SSC, 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	0.00	0.00	0.00	0.00	0.00
Vaux's Swift	<i>Chaetura vauxi</i>	SSC	0.00	0.00	0.00	0.16	0.00	1.70	0.21	3.21	1.39	0.35	1.18	0.19	0.04	1.49	0.00	0.00	0.01	0.07
White-Tailed Kite	<i>Elanus leucurus</i>	FS, SFP	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	0.02	0.00	0.00	0.00
Willow Flycatcher	<i>Empidonax traillii</i>	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	0.02	0.00	0.01	0.00
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	0.27	0.16	0.71	1.70	0.21	3.19	1.39	0.00	1.18	0.00	0.00	1.41	0.02	0.12	0.00	0.03
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	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	0.02	0.00	0.00	0.00
Mammals																				
American Badger	<i>Taxidea taxus</i>	SSC	0.71	4.33	0.27	0.16	0.71	1.70	0.21	3.21	1.39	0.35	1.18	0.19	0.00	1.49	0.02	0.12	0.01	0.07
Fisher	<i>Pekania pennanti</i>	FS, SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	0.00	1.18	0.19	0.00	1.49	0.00	0.00	0.00	0.07
Fisher - Southern Sierra Nevada ESU	<i>Pekania pennanti pop. 2</i>	FE, FS, SSC, ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.39	0.00	1.18	0.19	0.00	1.49	0.00	0.00	0.00	0.07
Gray Wolf	<i>Canis lupus</i>	FE, SE	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	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	0.00	0.00	0.00	0.00	0.00
Pallid Bat	<i>Antrozous pallidus</i>	FS, SSC	0.71	4.33	0.27	0.16	0.71	1.70	0.21	3.21	1.39	0.35	1.18	0.19	0.04	1.49	0.02	0.12	0.01	0.07
Southern California Ringtail	<i>Bassariscus astutus octavus</i>	SFP	0.05	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	0.00	0.00	0.00	0.00
Spotted Bat	<i>Euderma maculatum</i>	FS, SSC	0.71	0.00	0.27	0.16	0.00	0.00	0.21	0.00	1.39	0.35	1.18	0.00	0.04	1.49	0.02	0.12	0.01	0.07
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS, SSC	0.71	4.33	0.27	0.16	0.71	1.70	0.21	3.21	1.39	0.35	1.18	0.19	0.04	1.49	0.02	0.12	0.01	0.07
Tulare Grasshopper Mouse	<i>Onychomys torridus tularensis</i>	FS, SSC	0.00	0.00	0.00	0.00	0.00	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
Western Mastiff Bat	<i>Eumops persotis californicus</i>	FS, SSC	0.37	3.86	0.27	0.16	0.71	1.03	0.19	2.90	1.39	0.25	1.18	0.00	0.00	0.00	0.02	0.12	0.01	0.00
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	0.32	0.00	0.27	0.16	0.71	1.01	0.17	2.55	1.28	0.00	0.82	0.00	0.00	0.48	0.02	0.12	0.00	0.00
Reptiles																				
Bakersfield Legless Lizard	<i>Anniella grinnelli</i>	SSC	0.05	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	0.00	0.00	0.00	0.00
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS, SSC	0.05	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	0.02	0.00	0.00	0.00
California Legless Lizard	<i>Anniella saps</i>	SSC	0.00	0.00	0.01	0.00	0.01	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
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FE, FT, FS, SSC	0.71	0.00	0.27	0.16	0.71	1.70	0.21	3.21	1.39	0.35	1.18	0.00	0.04	1.49	0.02	0.12	0.01	0.07
Southern California Legless Lizard	<i>Anniella stebbinsi</i>	FS, SSC	0.00	0.09	0.00	0.00	0.00	0.02	0.02	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Southern Sierra Legless Lizard	<i>Anniella campi</i>	FS, SSC	0.00	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	0.00	0.00	0.00	0.00
Tembler Legless Lizard	<i>Anniella alexanderae</i>	SCE, SSC	0.00	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	0.00	0.00	0.00	0.00
Plants																				
Bloss Lake Hedra-Hyssop	<i>Gratiola heterosepala</i>	FS, SE	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
Condon's Lewisia	<i>Lewisia condonii</i>	FS, SR	0.07	0.00	0.27	0.00	0.70	0.07	0.02	1.26	0.55	0.00	0.28	0.19	0.00	0.17	0.00	0.12	0.00	0.07
Condon's Woolly Sunflower	<i>Eriophyllum condonii</i>	FS, SR	0.07	0.00	0.27	0.00	0.70	0.07	0.02	1.26	0.55	0.00	0.28	0.00	0.00	0.17	0.00	0.12	0.00	0.07
Father Crowley's Lupine	<i>Lupinus padrecrowleyi</i>	FS, SR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.09	0.00	0.07
Kaweah Brodiaea	<i>Brodiaea insignis</i>	FS, SE	0.17	0.00	0.01	0.00	0.00	0.07	0.00	0.18										

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



Miles



- City
- Highway
- Major Road

- District 6 Transportation Project
- ▭ Caltrans District

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

District 6 Watershed Impacts to Riparian, Waters, Wetlands, and Fish Species Summary Table

HUC 8 NAME			Riparian	Waters	Wetland
Common Species Name	Scientific Species Name	Listing Status			
Antelope-Fremont Valleys			0.00	0.01	0.00
N/A	N/A	N/A		0.00	0.00
Fresno River			2.21	0.30	0.00
N/A	N/A	N/A		0.00	0.00
Middle Kern-Upper Tehachapi-Grapevine			1.36	0.94	0.00
N/A	N/A	N/A		0.00	0.00
Middle San Joaquin-Lower Chowchilla			0.22	0.08	0.22
N/A	N/A	N/A		0.00	0.00
Tulare Lake Bed			1.28	0.67	0.00
N/A	N/A	N/A		0.00	0.00
Upper Deer-Upper White			0.12	0.33	0.00
N/A	N/A	N/A		0.00	0.00
Upper Dry			0.38	0.17	0.27
N/A	N/A	N/A		0.00	0.00
Upper Kaweah			0.91	0.31	0.00
N/A	N/A	N/A		0.00	0.00
Upper Kern			0.08	0.02	0.00
N/A	N/A	N/A		0.00	0.00
Upper King			1.68	0.22	0.03
N/A	N/A	N/A		0.00	0.00
Upper Poso			0.11	0.02	0.00
N/A	N/A	N/A		0.00	0.00
Upper San Joaquin			1.77	0.14	0.00
N/A	N/A	N/A		0.00	0.00
Upper Tule			0.16	0.22	0.00
N/A	N/A	N/A		0.00	0.00

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
- **Key:** Caltrans District 7 – Ecoregion Section Impact by Species Special Status Species Acronym Key
- **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 Riparian, Waters, Wetlands, and Fish Species 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 HUC8 (Acres)
9251	LA	2	12.7	12.7	Proactive Safety	2023/24	Southern California Coast	2.00	Los Angeles	1.38
									Santa Monica Bay	0.62
13708	LA	10	R4.7	18.9	Sustainability/Climate Change	2023/24	Southern California Coast	1.29	Los Angeles	0.05
									Santa Monica Bay	1.24
15934	LA	1	35.2	46.9	Pavement	2025/26	Southern California Coast	43.84	Santa Monica Bay	43.84
15968	LA	405	0	12.8	Pavement	2023/24	Southern California Coast	0.44	San Gabriel	0.44
16089	LA	710	6	14.1	Proactive Safety	2023/24	Southern California Coast	35.20	Los Angeles	33.35
									San Gabriel	1.85
16850	LA	1	0	0	Bridge - Health	2024/25	Southern California Coast	0.79	San Gabriel	0.79
17327	LA	101	3.9	4.3	Mobility - Operational Improvements	2032/33	Southern California Coast	3.08	Santa Monica Bay	3.08
17328	LA	101	12.9	13.9	Mobility - Operational Improvements	2032/33	Southern California Coast	4.85	Los Angeles	4.85
17329	LA	101	23.4	24.1	Mobility - Operational Improvements	2032/33	Southern California Coast	3.45	Los Angeles	3.45
18046	VEN	126	0	R13.6	Pavement	2027/28	Southern California Coast	1.17	Santa Clara	1.17
18047	LA	101	0.5	8.05	Pavement	2028/29	Southern California Coast	2.74	Los Angeles	0.38
									Santa Monica Bay	2.36
18048	VEN	34	6.8	17.663	Pavement	2023/24	Southern California Coast	1.96	Calleguas	1.96
18051	LA	14	36.5	R53.8	Pavement	2030/31	Southern California Mountains and Valleys	0.58	Santa Clara	0.58
18080	LA	91	6.02	R20.7	Signs and Lighting	2023/24	Southern California Coast	1.09	Los Angeles	1.09
18175	LA	110	27.08	30.1	Proactive Safety	2027/28	Southern California Coast	1.04	Los Angeles	1.04
18313	LA	39	18.36	22.17	Proactive Safety	2028/29	Southern California Mountains and Valleys	1.93	San Gabriel	1.93
18314	LA	39	20.66	20.66	Proactive Safety	2023/24	Southern California Mountains and Valleys	0.45	San Gabriel	0.45
18445	LA	138	43.418	46.7	Pavement	2027/28	Mojave Desert	0.23	Antelope-Fremont Valleys	0.23
18504	LA	60	R25.3	R30.45	Pavement	2028/29	Southern California Mountains and Valleys	0.49	Santa Ana	0.49
18595	LA	210	R19.4	R27.0	Bridge	2023/24	Southern California Coast	1.03	Los Angeles	1.03
18690	LA	5	R60.0R	R75.0	Sustainability/Climate Change	2023/24	Southern California Mountains and Valleys	2.16	Santa Clara	2.16
18691	LA	118	R13.0	R13.88	Drainage	2023/24	Southern California Coast	0.94	Los Angeles	0.94
18734	VEN	118	14.3	15.8	Mobility - W/M Scales & CVEFs	2025/26	Southern California Coast	5.47	Calleguas	5.47
18938	LA	710	24.6	T27.475	Pavement	2028/29	Southern California Coast	0.77	Los Angeles	0.77
18940	LA	405	12.8	20.5	Pavement	2029/30	Southern California Coast	6.93	San Gabriel	3.61
									Santa Monica Bay	3.32
19078	LA	1	44.15	44.15	Proactive Safety	2030/31	Southern California Coast	0.47	Santa Monica Bay	0.47
20258	LA	91	6.012	R20.741	Pavement	2029/30	Southern California Coast	1.55	Los Angeles	1.09
									San Gabriel	0.46
20262	VEN	118	R21.7	R32.6	Pavement	2030/31	Southern California Coast	1.97	Calleguas	1.97
20309	LA	110	R1.2	9.7	Drainage	2025/26	Southern California Coast	1.10	San Gabriel	1.10
20406	VEN	1	4	9.2	Proactive Safety	2030/31	Southern California Coast	36.97	Calleguas	10.67
									Santa Monica Bay	26.30
20766	LA	39	40	44.4	Protective Betterments	2029/30	Southern California Mountains and Valleys	33.00	Antelope-Fremont Valleys	0.03
									San Gabriel	32.98
20784	LA	210	R27.4	R31.9	Drainage	2025/26	Southern California Coast	1.32	Los Angeles	1.32
20794	LA	210	R25.8	R36.5	Pavement	2028/29	Southern California Coast	0.44	Los Angeles	0.44
21140	LA	210	R11.0	R11.5	Drainage	2024/25	Southern California Coast	1.75	Los Angeles	1.75
21168	VEN	150	0	R13.3	Pavement	2026/27	Southern California Coast	1.05	Santa Clara	0.10
									Ventura	0.95
21316	VEN	1	4.4	4.8	Bridge - Health	2030/31	Southern California Coast	0.93	Santa Monica Bay	0.93
									Los Angeles	0.75
21471	LA	66	R0.12	R49.1	Drainage	2027/28	Southern California Coast	3.27	San Gabriel	2.52
							Southern California Mountains and Valleys	0.21	San Gabriel	0.21
21504	LA	138	33	33.2	Reactive Safety	2023/24	Mojave Desert	1.96	Antelope-Fremont Valleys	1.96
21507	VEN	126	T16.54	T16.54	Bridge - Health	2027/28	Southern California Coast	1.98	Santa Clara	1.98
21772	LA	10	S0.6	18.6	Proactive Safety	2025/26	Southern California Coast	1.53	Los Angeles	1.53
21997	LA	10	42.36	48.265	Pavement	2026/27	Southern California Mountains and Valleys	0.27	San Gabriel	0.21
									Santa Ana	0.06

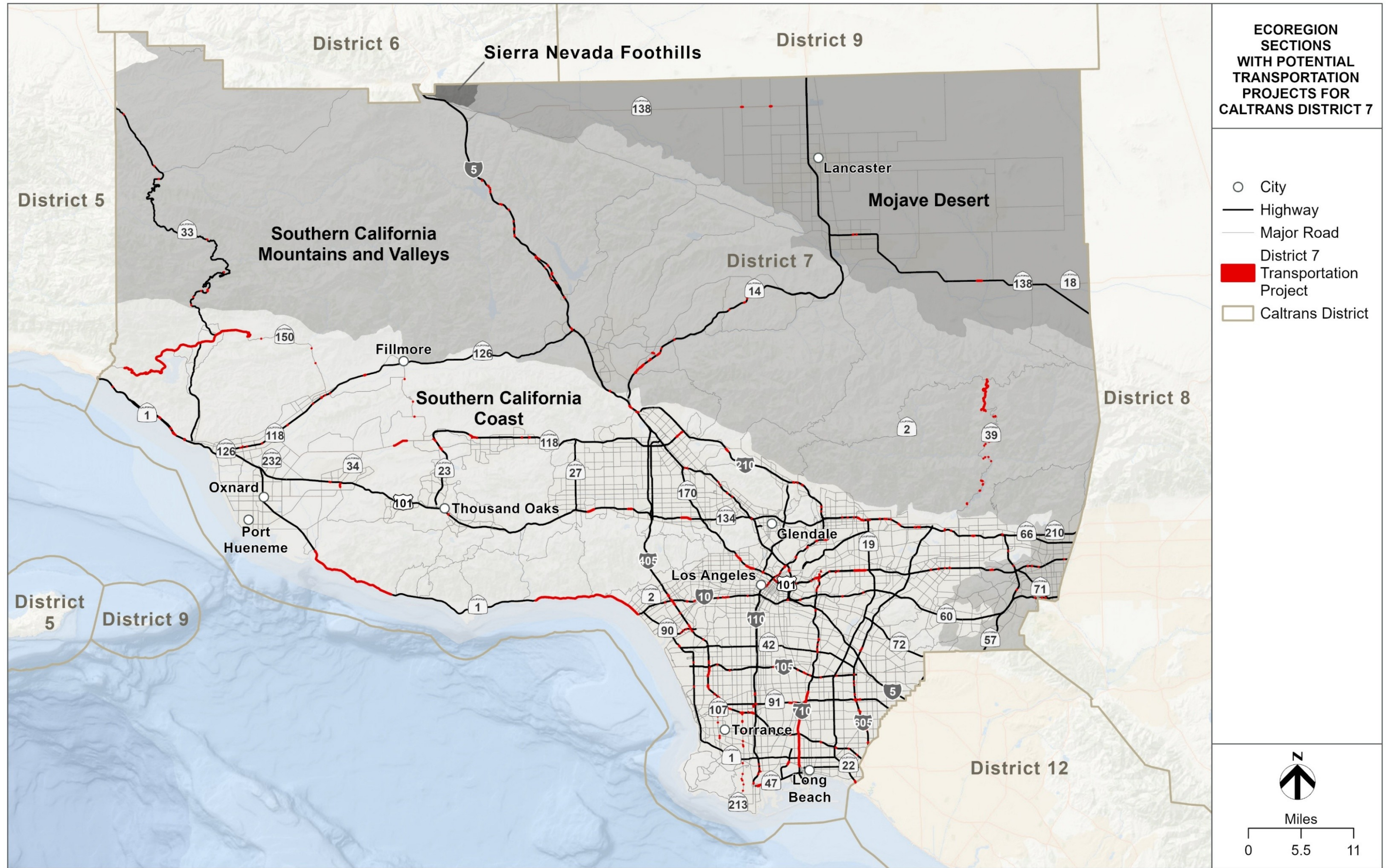
Caltrans District 7 - Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC 8	Footprint in HUC8 (Acres)
21998	LA	57	R4.52	R12.303R	Pavement	2029/30	Southern California Coast	0.05	San Gabriel	0.23
							Southern California Mountains and Valleys	0.18		
22003	LA	14	R31.1	R31.4	Mobility - WIM Scales & CVEFs	2031/32	Southern California Mountains and Valleys	1.38	Santa Clara	1.38
22004	LA	138	62	62.5	Mobility - WIM Scales & CVEFs	2031/32	Mojave Desert	2.72	Antelope-Fremont Valleys	2.72
22012	VEN	23	22.5	22.9	Drainage	2024/25	Southern California Coast	0.10	Santa Clara	0.10
22139	LA	110	25.46R	25.66	Proactive Safety	2027/28	Southern California Coast	2.56	Los Angeles	2.56
22197	LA	5	19.2	28.9	Pavement	2027/28	Southern California Coast	1.21	Los Angeles	1.21
22293	LA	14	R28.0	33.5	Drainage	2025/26	Southern California Mountains and Valleys	2.24	Santa Clara	2.24
22294	LA	110	24	31.9	Drainage	2024/25	Southern California Coast	0.78	Los Angeles	0.78
22295	LA	405	13.6	29.5	Drainage	2025/26	Southern California Coast	3.79	San Gabriel	3.12
									Santa Monica Bay	0.66
22315	LA	47	1.1	9.9	Drainage	2032/33	Southern California Coast	2.04	San Gabriel	1.66
									Santa Monica Bay	0.38
22321	LA	105	R0.3	R16.5	Drainage	2032/33	Southern California Coast	2.60	Los Angeles	0.70
									San Gabriel	1.90
22324	LA	10	21	40.3	Drainage	2030/31	Southern California Coast	1.88	Los Angeles	1.15
									San Gabriel	0.72
22326	LA	2	79.3	81.5	Drainage	2031/32	Southern California Mountains and Valleys	1.55	San Gabriel	1.55
22327	LA	60	13.1	T27.3	Drainage	2030/31	Southern California Coast	0.91	Los Angeles	0.91
22328	VEN	33	15.7	56.5	Drainage	2028/29	Southern California Coast	1.90	Ventura	1.90
									Southern California Mountains and Valleys	0.47
22329	LA	5	26.8	R74.7	Drainage	2031/32	Southern California Coast	1.74	Los Angeles	1.74
									Southern California Mountains and Valleys	3.08
22330	LA	23	1.7	35	Drainage	2032/33	Southern California Coast	1.57	Calleguas	1.57
22732	LA	1	29.371	29.371	Reactive Safety	2027/28	Southern California Coast	0.48	Santa Monica Bay	0.48
22759	LA	1	29.371	30.731	Reactive Safety	2023/24	Southern California Coast	0.89	Santa Monica Bay	0.89
22895	LA	213	9.056	9.056	Reactive Safety	2025/26	Southern California Coast	0.55	San Gabriel	0.55
22919	VEN	1	1.23	1.23	Bridge - Health	2030/31	Southern California Coast	0.99	Santa Monica Bay	0.99
22921	LA	101	19.21	20.23	Proactive Safety	2027/28	Southern California Coast	1.46	Los Angeles	1.46
23251	LA	710	19.567	19.893	Bicycle and Pedestrian Infrastructure	2027/28	Southern California Coast	0.50	Los Angeles	0.50
23306	VEN	150	1.6	21.3	Proactive Safety	2030/31	Southern California Coast	144.53	Ventura	144.53
23311	LA	101	5.81	6.25	Proactive Safety	2027/28	Southern California Coast	1.95	Santa Monica Bay	1.95
23391	LA	22	0	1.2	Bicycle and Pedestrian Infrastructure	2027/28	Southern California Coast	0.98	San Gabriel	0.98
23438	VEN	33	35.21	35.21	Drainage	2028/29	Southern California Mountains and Valleys	0.07	Santa Clara	0.07
23440	LA	14	28.07	29.21	Protective Betterments	2031/32	Southern California Mountains and Valleys	9.18	Santa Clara	9.18
23488	LA	47	R0.4	2	Bridge	2025/26	Southern California Coast	6.17	San Gabriel	6.17
23541	LA	91	R16.9	R16.97	Bridge - Health	2028/29	Southern California Coast	0.85	San Gabriel	0.85
23628	LA	110	22.56	23.01	Proactive Safety	2029/30	Southern California Coast	1.52	Santa Monica Bay	1.52
23654	LA	10	S0.0	S1.329	Mobility - Operational Improvements	2032/33	Southern California Coast	1.84	Los Angeles	1.84
23714	LA	10	25.7	26.5	Mobility - Operational Improvements	2030/31	Southern California Coast	4.17	Los Angeles	4.17
23892	VEN	1	6.5	7.3	Protective Betterments	2025/26	Southern California Coast	5.80	Santa Monica Bay	5.80
23960	LA	39	R31.25	R31.25	Bridge	2030/31	Southern California Mountains and Valleys	1.72	San Gabriel	1.72
23985	LA	138	30.075	30.075	Reactive Safety	2027/28	Mojave Desert	1.93	Antelope-Fremont Valleys	1.93
24339	VEN	1	0	9.7	Pavement	2032/33	Southern California Coast	35.81	Calleguas	7.38
									Santa Monica Bay	28.43
24541	LA	10	25.35	25.774	Mobility - Operational Improvements	2030/31	Southern California Coast	4.88	Los Angeles	4.88
24864	VEN	1	21.3	21.9	Bridge - Health	2024/25	Southern California Coast	2.81	Ventura	2.81
25066	LA	1	18	33.3	Pavement	2024/25	Southern California Coast	0.01	San Gabriel	0.01
25123	VEN	33	18.9	19.1	Proactive Safety	2024/25	Southern California Mountains and Valleys	0.87	Ventura	0.87
25129	VEN	1	9.6	10.1	Sustainability/Climate Change	2032/33	Southern California Coast	3.07	Calleguas	3.07

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 HUC8 (Acres)
25222	LA	103	0.9	0.9	Proactive Safety	2029/30	Southern California Coast	1.54	San Gabriel	1.54

Caltrans District 7 - Ecoregion Sections with Potential Transportation Projects



Ecoregion Section Impact by Species

Special Status Species Acronym Key

District 7

FE = Federally Endangered

FT = Federally Threatened

SE = State Endangered

ST = State Threatened

FCT = Federal Candidate Threatened

FCE = Federal Candidate Endangered

SCT = State Candidate Threatened

SCE = State Candidate Endangered

SFP = State Fully Protected Species

SSC = State Species of Concern

SR = State Rare Species

FS = Federal Sensitive Species (includes USFS sensitive and/or BLM Sensitive)

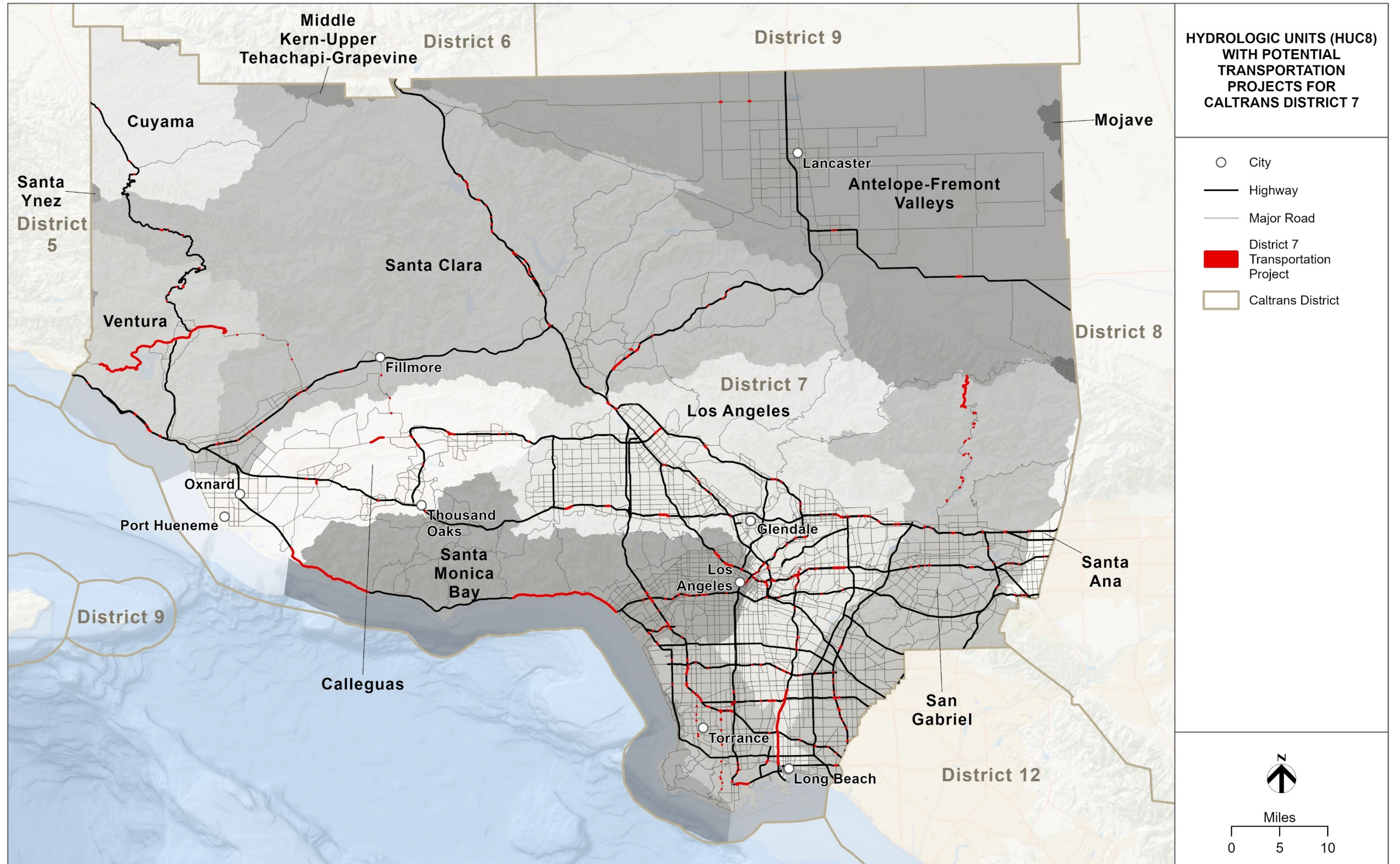
SFS = State Fire Sensitive

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District 7 Mojave Desert Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Irrigated Row and Field Crops	Sagebrush
		Total:	1.41	1.32	0.37	0.18
Amphibians						
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	0.00	1.32	0.00	0.00
Birds						
Burrowing Owl	<i>Athene cunicularia</i>	FS,SCE,SSC	1.41	1.32	0.00	0.18
California Condor	<i>Gymnogyps californianus</i>	FE,SE,SFP,SFS	0.00	1.32	0.00	0.18
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	1.41	1.32	0.00	0.18
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	1.41	1.32	0.00	0.18
Long-Eared Owl	<i>Asio otus</i>	SSC	0.00	1.32	0.00	0.18
Mountain Plover	<i>Anarhynchus montanus</i>	FS,SSC	0.00	1.32	0.37	0.18
Northern Harrier	<i>Circus hudsonius</i>	SSC	1.41	1.32	0.00	0.00
Swainson's Hawk	<i>Buteo swainsoni</i>	FS,ST	0.00	1.32	0.00	0.18
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	0.00	1.32	0.37	0.00
Yellow-Headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	SSC	0.00	1.32	0.00	0.00
Mammals						
American Badger	<i>Taxidea taxus</i>	SSC	1.41	1.32	0.37	0.18
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	0.00	1.32	0.00	0.18
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	1.41	1.32	0.00	0.18
Southern California Ringtail	<i>Bassariscus astutus octavus</i>	SFP	1.41	1.32	0.37	0.18
Spotted Bat	<i>Euderma maculatum</i>	FS,SSC	1.41	1.32	0.00	0.18
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	1.41	1.32	0.37	0.18
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	1.41	1.32	0.37	0.00
Reptiles						
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS,SSC	0.00	1.32	0.00	0.00
Desert Tortoise	<i>Gopherus agassizii</i>	FT,SE	1.41	1.32	0.00	0.18
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	0.00	1.32	0.00	0.00
Invertebrates						
Crotch's Bumble Bee	<i>Bombus crotchii</i>	SCE	1.41	1.32	0.37	0.18
Plants						
Red Rock Tarplant	<i>Deinandra arida</i>	FS,SR	0.00	0.00	0.00	0.18
Rock Lady	<i>Holmgrenanthe petrophila</i>	SR	0.00	0.00	0.00	0.18
Sodaville Milk-Vetch	<i>Astragalus lentiginosus var. sesquimetalis</i>	SE	1.41	0.00	0.00	0.00

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



District 7 Watershed Impacts to Riparian, Waters, Wetlands, and Fish Species Summary Table

HUC 8 NAME			Riparian	Waters	Wetland
Common Species Name	Scientific Species Name	Listing Status			
Antelope-Fremont Valleys Total			0.00	0.05	0.00
N/A	N/A	N/A		0.00	0.00
Calleguas			3.97	1.43	0.70
Santa Ana Sucker	<i>Pantosteus santaanae</i>	FT,SSC		0.38	0.00
Steelhead - Southern California DPS	<i>Oncorhynchus mykiss irideus pop. 10</i>	FE,SE		1.34	0.70
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		1.01	0.70
Cuyama			0.02	0.00	0.00
N/A	N/A	N/A		0.00	0.00
Los Angeles			0.14	0.66	0.11
Santa Ana Sucker	<i>Pantosteus santaanae</i>	FT,SSC		0.12	0.00
Steelhead - Southern California DPS	<i>Oncorhynchus mykiss irideus pop. 10</i>	FE,SE		0.11	0.00
San Gabriel			3.65	2.14	0.00
Santa Ana Sucker	<i>Pantosteus santaanae</i>	FT,SSC		0.48	0.00
Steelhead - Southern California DPS	<i>Oncorhynchus mykiss irideus pop. 10</i>	FE,SE		1.66	0.00
Santa Clara			0.32	0.10	0.00
Santa Ana Sucker	<i>Pantosteus santaanae</i>	FT,SSC		0.10	0.00
Steelhead - Southern California DPS	<i>Oncorhynchus mykiss irideus pop. 10</i>	FE,SE		0.10	0.00
Unarmored Threespine Stickleback	<i>Gasterosteus aculeatus williamsoni</i>	FE,SE,SFP		0.08	0.00
Santa Monica Bay			7.02	5.72	0.00
Santa Ana Sucker	<i>Pantosteus santaanae</i>	FT,SSC		0.10	0.00
Steelhead - Southern California DPS	<i>Oncorhynchus mykiss irideus pop. 10</i>	FE,SE		0.50	0.00
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.50	0.00
Ventura			10.27	1.59	0.05
Santa Ana Sucker	<i>Pantosteus santaanae</i>	FT,SSC		1.54	0.00
Steelhead - Southern California DPS	<i>Oncorhynchus mykiss irideus pop. 10</i>	FE,SE		1.54	0.00
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.62	0.00

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
- **Key:** Caltrans District 8 – Ecoregion Section Impact by Species Special Status Species Acronym Key
- **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
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- **Map:** Caltrans District 8 – Hydrologic Units (HUC-8) with Potential Transportation Projects
- **Table:** Caltrans District 8 – Watershed Impacts to Riparian, Waters, Wetlands, and Fish Species Summary Table

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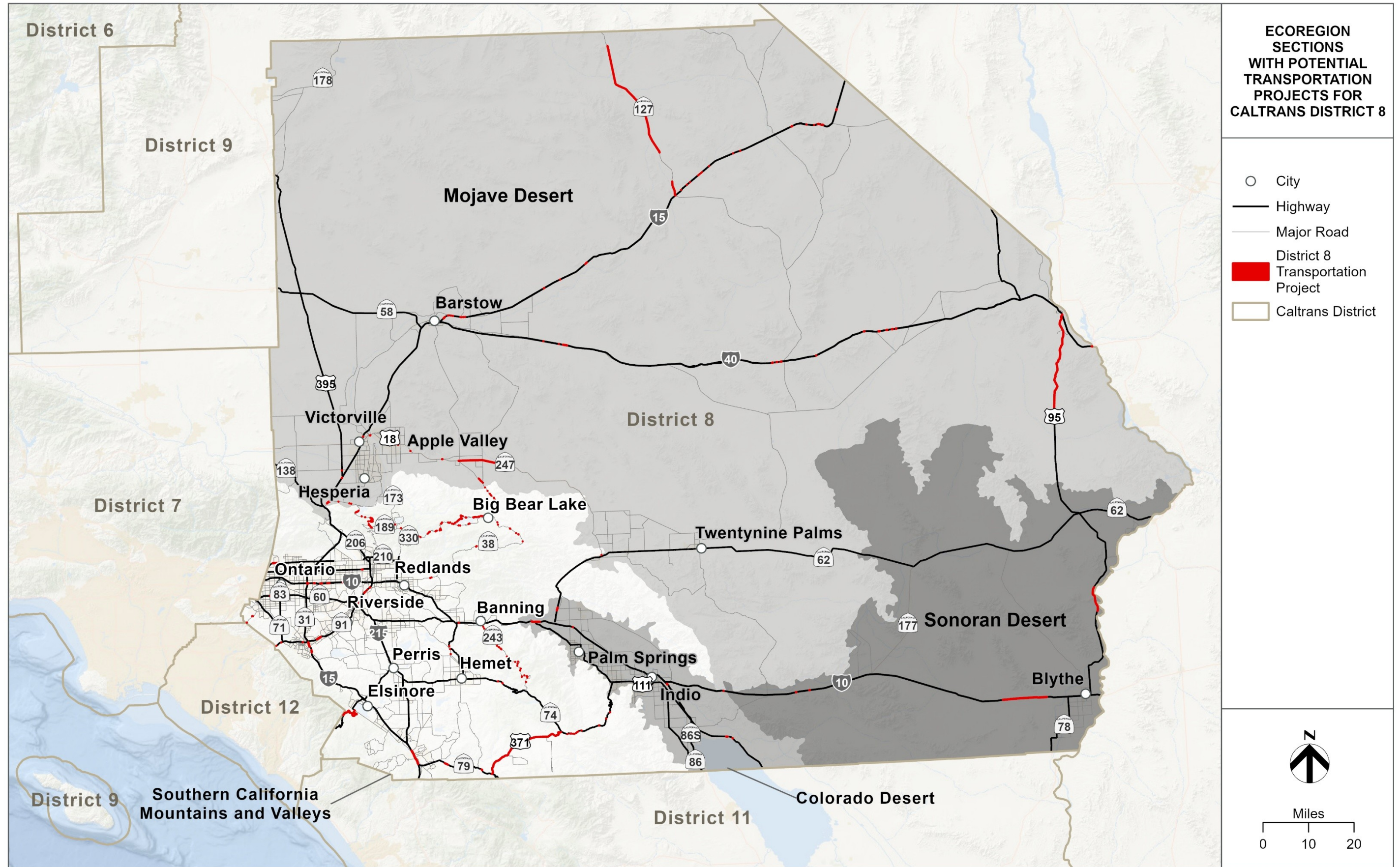
Caltrans District 8 - Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC 8	Footprint in HUC8 (Acres)
11280	SBD	40	R153.9	R154.643	Bridge - Health	2025/26	Mojave Desert	1.34	Havasu-Mohave Lakes	1.34
14065	SBD	66	21.3	21.3	Proactive Safety	2023/24	Southern California Mountains and Valleys	2.05	Santa Ana	2.05
16756	RIV	10	R71.2	R72.6	Roadside	2023/24	Colorado Desert	0.06	Salton Sea	0.06
16963	SBD	127	L0.0	3	Pavement	2025/26	Mojave Desert	110.96	Death Valley-Lower Amargosa	99.33
									Mojave	11.63
17498	SBD	15	R137.6	156	Pavement	2029/30	Mojave Desert	0.87	Mojave	0.87
17772	SBD	40	R100.45	R102.18	Bridge - Health	2031/32	Mojave Desert	10.74	Southern Mojave	10.74
18015	SBD	10	10	21.11	Pavement	2028/29	Southern California Mountains and Valleys	2.66	Santa Ana	2.66
19062	SBD	247	0	23	Pavement	2023/24	Mojave Desert	0.06	Southern Mojave	0.06
19081	SBD	18	90.9	R96.6	Pavement	2023/24	Mojave Desert	0.11	Mojave	0.11
19097	SBD	18	34	44.3	Sustainability/Climate Change	2023/24	Southern California Mountains and Valleys	1.12	Mojave	0.68
									Santa Ana	0.44
19176	SBD	40	R27.9	R28.8	Roadside	2027/28	Mojave Desert	4.37	Mojave	4.37
19683	SBD	15	2.4	2.4	Bridge	2023/24	Southern California Mountains and Valleys	1.70	Santa Ana	1.70
19685	RIV	10	R4.4	8.2	Pavement	2024/25	Southern California Mountains and Valleys	0.25	San Jacinto	0.25
19729	RIV	243	0	29.7	Pavement	2023/24	Southern California Mountains and Valleys	2.93	San Jacinto	2.00
									Whitewater River	0.93
19734	RIV	10	R87.9	R90.9	Bridge	2023/24	Sonoran Desert	1.99	Southern Mojave	1.99
20069	SBD	15	75.3	R96.41	Pavement	2031/32	Mojave Desert	4.13	Mojave	4.13
20070	SBD	15	R96.41	R124.4	Pavement	2031/32	Mojave Desert	0.16	Mojave	0.16
20072	SBD	15	170.0R	177	Pavement	2031/32	Mojave Desert	0.69	Death Valley-Lower Amargosa	0.13
									Ivanpah-Pahrump Valleys	0.56
20076	SBD	18	R17.8	31.7	Pavement	2027/28	Southern California Mountains and Valleys	0.79	Mojave	0.04
									Santa Ana	0.74
20077	SBD	18	31.65	49.3	Pavement	2026/27	Southern California Mountains and Valleys	0.42	Mojave	0.11
									Santa Ana	0.31
20096	RIV	10	R24.5	26.4	Roadside	2027/28	Colorado Desert	8.51	Whitewater River	8.51
20697	RIV	111	9.54	11.03	Proactive Safety	2031/32	Colorado Desert	1.43	Salton Sea	1.43
21127	RIV	91	R0.0	10	Pavement	2032/33	Southern California Mountains and Valleys	0.51	Santa Ana	0.51
21417	RIV	15	3.5	6.8	Mobility - Operational Improvements	2023/24	Southern California Mountains and Valleys	32.00	Santa Margarita	32.00
21442	RIV	79	M31.71	40.4	Pavement	2027/28	Southern California Mountains and Valleys	0.43	San Jacinto	0.43
21619	SBD	18	66.9	75.6	Pavement	2025/26	Mojave Desert	0.35	Southern Mojave	0.35
21621	RIV	215	0	45.3	Pavement	2030/31	Southern California Mountains and Valleys	6.05	Santa Ana	6.05
21623	RIV	10	32.6	44.4	Pavement	2027/28	Colorado Desert	0.06	Whitewater River	0.06
21638	RIV	74	5.7	11.8	Reactive Safety	2023/24	Southern California Mountains and Valleys	23.70	Aliso-San Onofre	4.42
									San Jacinto	19.28
21667	SBD	15	37.2	46	Pavement	2028/29	Mojave Desert	0.44	Mojave	0.44
21674	SBD	189	0	5.565	Pavement	2028/29	Southern California Mountains and Valleys	1.07	Mojave	1.07
21802	SBD	18	56.2	66.9	Pavement	2025/26	Mojave Desert	0.05	Southern Mojave	0.46
							Southern California Mountains and Valleys	0.41		
21939	SBD	15	R110.36	R110.36	Bridge	2025/26	Mojave Desert	4.41	Death Valley-Lower Amargosa	1.48
									Ivanpah-Pahrump Valleys	1.96
									Mojave	0.97
22150	RIV	15	30	33	Drainage	2025/26	Southern California Mountains and Valleys	1.34	Santa Ana	1.34
22155	SBD	138	19.82	36.57	Drainage	2027/28	Mojave Desert	0.12	Mojave	2.67
							Southern California Mountains and Valleys	2.55		
22291	SBD	18	95.35	95.35	Bridge - Health	2027/28	Mojave Desert	0.99	Mojave	0.99

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 HUC8 (Acres)
22541	SBD	395	4.8	7.6	Reactive Safety	2024/25	Mojave Desert	0.16	Mojave	0.16
22643	SBD	40	R15.0	R28.8	Pavement	2027/28	Mojave Desert	0.22	Mojave	0.22
22644	SBD	40	R73.0	R89.0	Pavement	2030/31	Mojave Desert	9.86	Southern Mojave	9.86
22646	SBD	95	33.6	57.275	Pavement	2029/30	Mojave Desert	228.76	Havasu-Mohave Lakes	228.76
22815	SBD	138	T16.2	R17.35	Reactive Safety	2025/26	Mojave Desert	8.37	Santa Ana	8.37
22845	SBD	18	83.3	90.9	Pavement	2027/28	Mojave Desert	0.18	Mojave	0.18
22909	RIV	10	R134.8	R144.5	Roadside	2026/27	Sonoran Desert	47.01	Imperial Reservoir	21.44
									Southern Mojave	25.57
23281	SBD	210	1.2	1.6	Reactive Safety	2024/25	Southern California Mountains and Valleys	5.43	Santa Ana	5.43
23287	SBD	142	2.152	2.494	Mobility - Operational Improvements	2027/28	Southern California Mountains and Valleys	1.36	Santa Ana	1.36
23291	SBD	60	R2.45	R2.61	Mobility - Operational Improvements	2030/31	Southern California Mountains and Valleys	4.70	Santa Ana	4.70
23292	RIV	79	12.7	4.9	Mobility - Operational Improvements	2030/31	Southern California Mountains and Valleys	4.90	Santa Margarita	4.90
23293	RIV	371	67.3	68.2	Mobility - Operational Improvements	2030/31	Southern California Mountains and Valleys	3.26	Santa Margarita	3.26
23297	SBD	40	R103.39	R104.22	Bridge - Health	2032/33	Mojave Desert	5.82	Southern Mojave	5.82
23298	RIV	95	20.5	26	Mobility - Operational Improvements	2030/31	Sonoran Desert	20.26	Imperial Reservoir	20.26
23644	RIV	15	38.95	39.4	Reactive Safety	2025/26	Southern California Mountains and Valleys	4.94	Santa Ana	4.94
23710	RIV	371	67.1	67.4	Reactive Safety	2025/26	Southern California Mountains and Valleys	1.11	Santa Margarita	1.11
23743	RIV	62	R3.0	R3.7	Reactive Safety	2026/27	Colorado Desert	5.09	Whitewater River	5.09
24300	RIV	74	45.1	R92.3	Pavement	2027/28	Southern California Mountains and Valleys	0.77	Whitewater River	0.77
24304	SBD	38	7	46.6	Drainage	2027/28	Southern California Mountains and Valleys	1.36	Santa Ana	1.11
									Southern Mojave	0.25
24347	RIV	91	9.5	10.5	Mobility - Operational Improvements	2028/29	Southern California Mountains and Valleys	6.07	Santa Ana	6.07
24348	SBD	15	173.84L	173.84L	Bridge - Health	2029/30	Mojave Desert	1.98	Ivanpah-Pahrump Valleys	1.98
24350	SBD	210	1.85	3.1	Mobility - Operational Improvements	2029/30	Southern California Mountains and Valleys	10.59	Santa Ana	10.59
24354	SBD	173	8.4	23.04	Pavement	2030/31	Southern California Mountains and Valleys	0.52	Mojave	0.52
24355	SBD	18	75.6	83.3	Pavement	2029/30	Mojave Desert	0.10	Southern Mojave	0.10
24464	SBD	38	49.5	59.437	Pavement	2030/31	Southern California Mountains and Valleys	3.46	Santa Ana	3.46
24550	RIV	74	0.18	50.29	Proactive Safety	2030/31	Southern California Mountains and Valleys	1.46	San Gabriel	0.52
									San Jacinto	0.94
24773	RIV	15	40.3	41.3	Reactive Safety	2026/27	Southern California Mountains and Valleys	9.70	Santa Ana	9.70
24804	SBD	247	34	44.9	Proactive Safety	2031/32	Mojave Desert	39.31	Southern Mojave	39.31
24812	RIV	86	1.39	1.39	Bridge	2030/31	Colorado Desert	4.78	Salton Sea	0.98
									Whitewater River	3.80
24997	RIV	371	R56.467	77.147	Proactive Safety	2032/33	Southern California Mountains and Valleys	74.23	San Jacinto	0.28
									Santa Margarita	73.94
25068	SBD	15	31.81	31.81	Bridge - Health	2031/32	Mojave Desert	1.48	Mojave	1.48
25325	SBD	247	39.76	44.61	Reactive Safety	2027/28	Mojave Desert	18.13	Southern Mojave	18.13

Caltrans District 8 - Ecoregion Sections with Potential Transportation Projects



Ecoregion Section Impact by Species

Special Status Species Acronym Key

District 8

FE = Federally Endangered

FT = Federally Threatened

SE = State Endangered

ST = State Threatened

FCT = Federal Candidate Threatened

FCE = Federal Candidate Endangered

SCT = State Candidate Threatened

SCE = State Candidate Endangered

SFP = State Fully Protected Species

SSC = State Species of Concern

SR = State Rare Species

FS = Federal Sensitive Species (includes USFS sensitive and/or BLM Sensitive)

SFS = State Fire Sensitive

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District 8 Colorado Desert Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Coastal Scrub	Desert Riparian	Desert Scrub	Desert Wash	Lacustrine
		Total:	0.00	0.00	0.05	0.38	1.86	0.06	0.36
Amphibians									
Arroyo Toad	<i>Anaxyrus californicus</i>	FE,SSC	0.00	0.00	0.00	0.00	0.11	0.00	0.00
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	0.00	0.00	0.05	0.00	0.00	0.00	0.00
Couch's Spadefoot	<i>Scaphiopus couchii</i>	FS,SSC	0.00	0.00	0.00	0.00	1.50	0.00	0.36
Birds									
American White Pelican	<i>Pelecanus erythrorhynchos</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.36
Black Swift	<i>Cypseloides niger</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Burrowing Owl	<i>Athene cunicularia</i>	FS,SCE,SSC	0.00	0.00	0.05	0.38	1.86	0.06	0.00
Crissal Thrasher	<i>Toxostoma crissale</i>	FS,SSC	0.00	0.00	0.00	0.38	0.00	0.06	0.00
Least Bittern	<i>Botaurus exilis</i>	SSC	0.00	0.00	0.00	0.38	0.00	0.00	0.36
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.00	0.00	0.05	0.38	1.86	0.06	0.00
Long-Eared Owl	<i>Asio otus</i>	SSC	0.00	0.00	0.00	0.00	0.11	0.00	0.00
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.00	0.00	0.05	0.38	1.86	0.06	0.36
Southwestern Willow Flycatcher	<i>Empidonax traillii extimus</i>	FE,SE	0.00	0.00	0.00	0.38	0.00	0.00	0.00
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	0.00	0.00	0.05	0.00	1.86	0.00	0.00
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.38	0.00	0.00	0.00
Yellow-Headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.36
Mammals									
American Badger	<i>Taxidea taxus</i>	SSC	0.00	0.00	0.05	0.38	1.86	0.06	0.00
Big Free-Tailed Bat	<i>Nyctinomops macrotis</i>	SSC	0.00	0.00	0.00	0.00	1.86	0.00	0.00
California Leaf-Nosed Bat	<i>Macrotus californicus</i>	FS,SSC	0.00	0.00	0.00	0.38	1.50	0.02	0.00
Desert Bighorn Sheep	<i>Ovis canadensis nelsoni</i>	FS,SFP	0.00	0.00	0.00	0.00	0.11	0.00	0.00
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	0.00	0.00	0.05	0.38	1.86	0.06	0.00
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.00	0.00	0.05	0.38	1.86	0.06	0.00
Palm Springs Pocket Mouse	<i>Perognathus longimembris bangsi</i>	FS,SSC	0.00	0.00	0.05	0.00	0.11	0.00	0.00
Palm Springs Round-Tailed Ground Squirrel	<i>Xeroperomophilus tereticaudus chlorus</i>	FS,SSC	0.00	0.00	0.00	0.00	1.86	0.06	0.00
Peninsular Bighorn Sheep DPS	<i>Ovis canadensis nelsoni pop. 2</i>	FE,SFP,ST	0.00	0.00	0.00	0.00	0.11	0.00	0.00
Pocketed Free-Tailed Bat	<i>Nyctinomops femorosaccus</i>	SSC	0.00	0.00	0.00	0.38	1.86	0.06	0.00
Southern California Ringtail	<i>Bassariscus astutus octavus</i>	SFP	0.00	0.00	0.00	0.38	1.50	0.02	0.00
Spotted Bat	<i>Euderma maculatum</i>	FS,SSC	0.00	0.00	0.05	0.38	1.86	0.06	0.00
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.00	0.00	0.05	0.38	1.86	0.06	0.00
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	0.00	0.00	0.05	0.38	1.86	0.06	0.00
Western Yellow Bat	<i>Lasiurus xanthinus</i>	SSC	0.00	0.00	0.00	0.38	0.00	0.06	0.00
Reptiles									
California Glossy Snake	<i>Arizona elegans occidentalis</i>	SSC	0.00	0.00	0.05	0.00	0.11	0.00	0.00
Coachella Valley Fringe-Toed Lizard	<i>Uma inornata</i>	FT,SE	0.00	0.00	0.00	0.00	1.86	0.03	0.00
Desert Tortoise	<i>Gopherus agassizii</i>	FT,SE	0.00	0.00	0.00	0.38	1.86	0.06	0.00
Flat-Tailed Horned Lizard	<i>Phrynosoma mcallii</i>	FS,SSC	0.00	0.00	0.00	0.00	0.36	0.03	0.00
Red Diamond Rattlesnake	<i>Crotalus ruber</i>	FS,SSC	0.00	0.00	0.05	0.00	0.36	0.03	0.00
Southern California Legless Lizard	<i>Anniella stebbinsi</i>	FS,SSC	0.00	0.00	0.05	0.00	1.86	0.00	0.00
Southwestern Pond Turtle	<i>Actinemys pallida</i>	FCT,FS,SSC	0.00	0.00	0.05	0.00	0.00	0.00	0.00
Two-Striped Gartersnake	<i>Thamnophis hammondi</i>	FS,SSC	0.00	0.00	0.05	0.00	0.00	0.00	0.00
Invertebrates									
Crotch's Bumble Bee	<i>Bombus crotchii</i>	SCE	0.00	0.00	0.05	0.00	0.36	0.03	0.00
Plants									
Algodones Dunes Sunflower	<i>Helianthus niveus ssp. tephrodes</i>	FS,SE	0.00	0.00	0.00	0.00	1.86	0.00	0.00
Borrogo Bedstraw	<i>Galium angustifolium ssp. borregoense</i>	FS,SR	0.00	0.00	0.00	0.00	1.86	0.00	0.00
Coachella Valley Milk-Vetch	<i>Astragalus lentiginosus var. coachellae</i>	FE	0.00	0.00	0.00	0.00	0.36	0.00	0.00
Triple-Ribbed Milk-Vetch	<i>Astragalus tricarinatus</i>	FE	0.00	0.00	0.00	0.00	0.25	0.00	0.00
Wiggins' Croton	<i>Croton wigginsii</i>	FS,SR	0.00	0.00	0.00	0.00	1.86	0.00	0.00

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 Scrub; Desert Wash	Desert Succulent Shrub; Desert Wash	Desert Wash	Irrigated Row and Field Crops	Joshua Tree	Mixed Chaparral	Riverine	Sagebrush	Valley Foothill Riparian
		Total:	19.63	0.28	2.30	0.72	158.22	0.66	0.02	3.80	0.93	0.60	3.95	0.06	0.59	0.00
Amphibians																
Arroyo Toad	<i>Anaxyrus californicus</i>	FE,SSC	0.00	0.00	0.00	0.72	4.18	0.00	0.02	0.00	0.00	0.00	3.95	0.06	0.00	0.00
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.95	0.06	0.00	0.00
Couch's Spadefoot	<i>Scaphiopus couchii</i>	FS,SSC	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Foothill Yellow Legged Frog - South Coast DPS	<i>Rana boylei</i>	FE, SE, FS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.92	0.00	0.00	0.00
Western Spadefoot	<i>Spea hammondi</i>	FCT,FS,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.92	0.00	0.00	0.00
Birds																
Bendire's Thrasher	<i>Toxostoma bendirei</i>	FS,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.00	0.00	0.00
Burrowing Owl	<i>Athene cunicularia</i>	FS,SCE,SSC	19.63	0.28	2.30	0.72	158.22	0.66	0.02	3.80	0.00	0.60	3.95	0.00	0.59	0.00
California Condor	<i>Gymnogyps californianus</i>	FE,SE,SFP,SFS	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.95	0.00	0.26	0.00
California Spotted Owl	<i>Strix occidentalis occidentalis</i>	FS,SSC	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
Crissal Thrasher	<i>Toxostoma crissale</i>	FS,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00
Gila Woodpecker	<i>Melanerpes uropygialis</i>	FS,SE	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	0.00
Gilded Flicker	<i>Colaptes chrysoides</i>	FS,SE	0.00	0.00	0.00	0.00	1.61	0.00	0.00	2.60	0.00	0.43	0.00	0.00	0.00	0.00
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	19.63	0.28	2.30	0.72	158.22	0.66	0.02	3.80	0.00	0.60	3.95	0.00	0.59	0.00
Gray Vireo	<i>Vireo vicinior</i>	FS,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.95	0.00	0.00	0.00
Least Bell's Vireo	<i>Vireo bellii pusillus</i>	FE,SE	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	19.63	0.28	2.30	0.72	158.22	0.66	0.02	3.80	0.00	0.60	3.95	0.00	0.59	0.00
Long-Eared Owl	<i>Asio otus</i>	SSC	0.00	0.28	0.00	0.72	158.22	0.66	0.00	0.00	0.00	0.00	3.95	0.00	0.59	0.00
Lucy's Warbler	<i>Leiothlypis luciae</i>	FS,SSC	0.00	0.00	0.00	0.19	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mountain Plover	<i>Anarhynchus montanus</i>	FS,SSC	0.00	0.17	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00
Southwestern Willow Flycatcher	<i>Empidonax traillii extimus</i>	FE,SE	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summer Tanager	<i>Piranga rubra</i>	SSC	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
Vermilion Flycatcher	<i>Pyrocephalus rubinus</i>	SSC	0.00	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
Western Yellow-Billed Cuckoo	<i>Coccyzus americanus occidentalis</i>	FS,FT,SE	0.00	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
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	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
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	0.00	0.72	0.00	0.00	0.02	0.00	0.00	0.00	3.95	0.00	0.00	0.00
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	0.00	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
Yellow-Headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	SSC	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals																
American Badger	<i>Taxidea taxus</i>	SSC	19.63	0.28	2.30	0.72	158.22	0.66	0.02	3.80	0.93	0.60	3.95	0.00	0.59	0.00
Arizona Myotis	<i>Myotis occultus</i>	SSC	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00
Big Free-Tailed Bat	<i>Nyctinomops macrotis</i>	SSC	0.00	0.00	0.00	0.00	22.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California Leaf-Nosed Bat	<i>Macrotus californicus</i>	FS,SSC	19.52	0.00	2.19	0.00	98.56	0.00	0.00	3.80	0.00	0.00	0.00	0.00	0.00	0.00
Cave Myotis	<i>Myotis velifer</i>	FS,SSC	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00
Desert Bighorn Sheep	<i>Ovis canadensis nelsoni</i>	FS,SFP	10.03	0.00	0.00	0.53	76.90	0.66	0.02	2.60	0.00	0.00	0.00	0.00	0.00	0.00
Mohave Ground Squirrel	<i>Xerospermophilus mohavensis</i>	FS,ST	0.04	0.28	0.00	0.00	16.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mohave River Vole	<i>Microtus californicus mohavensis</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	0.00	0.23	0.00	0.72	69.38	0.00	0.02	1.63	0.00	0.31	3.95	0.00	0.59	0.00
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	19.63	0.28	2.30	0.72	158.22	0.66	0.02	3.80	0.00	0.60	3.95	0.06	0.59	0.00
Pallid San Diego Pocket Mouse	<i>Chaetodipus fallax pallidus</i>	None	0.00	0.11	0.00	0.00	45.33	0.00	0.02	0.00	0.00	0.00	0.03	0.00	0.59	0.00
Southern California Ringtail	<i>Bassariscus astutus octavus</i>	SFP	0.11	0.28	0.12	0.72	49.76	0.00	0.02	0.00	0.93	0.11	3.95	0.00	0.59	0.00
Southern Grasshopper Mouse	<i>Onychomys torridus ramona</i>	SSC	0.00	0.00	0.00	0.53	2.19	0.00	0.00	0.00	0.00	0.00	2.34	0.00	0.00	0.00
Spotted Bat	<i>Euderma maculatum</i>	FS,SSC	19.63	0.28	0.00	0.72	158.22	0.66	0.02	3.80	0.00	0.60	0.00	0.06	0.59	0.00
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	19.63	0.28	2.30	0.72	158.22	0.66	0.02	3.80	0.93	0.60	3.95	0.06	0.59	0.00
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	19.63	0.28	2.30	0.72	158.22	0.66	0.02	3.80	0.93	0.60	3.95	0.00	0.00	0.00
Reptiles																
Banded Gila Monster	<i>Heloderma suspectum cinctum</i>	FS,SSC	0.00	0.00	0.00	0.00	1.15	0.00	0.00	1.35	0.00	0.13	0.00	0.00	0.00	0.00
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS,SSC	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.95	0.00	0.00	0.00
Coastal Whiptail	<i>Aspidoscelis tigris stejnegeri</i>	SSC	0.00	0.00	0.00	0.53	3.92	0.00	0.02	0.00	0.00	0.00	3.95	0.00	0.06	0.00
Desert Tortoise	<i>Gopherus agassizii</i>	FT,SE	19.63	0.28	2.30	0.72	158.22	0.66	0.02	3.80	0.00	0.60	0.00	0.00	0.59	0.00
Mojave Fringe-Toed Lizard	<i>Uma scoparia</i>	FS,SSC	19.63	0.00	2.30	0.72	145.38	0.66	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Regal Ringneck Snake	<i>Diadophis punctatus regalis</i>	SSC	0.00	0.00	0.00	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Southwestern Pond Turtle	<i>Actinemys pallida</i>	FCT,FS,SSC	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.95	0.06	0.00	0.00
Two-Striped Gartersnake	<i>Thamnophis hammondi</i>	FS,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.95	0.00	0.00	0.00
Plants																
Algodones Dunes Sunflower	<i>Helianthus niveus ssp. tephrodes</i>	FS,SE	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Borrego Bedstraw	<i>Galium angustifolium ssp. borregoense</i>	FS,SR	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cushenbury Buckwheat	<i>Eriogonum ovalifolium var. vineum</i>	FE	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00
Cushenbury Milk-Vetch	<i>Astragalus albens</i>	FE	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00
Eureka Dunes Evening-Primrose	<i>Oenothera avita ssp. eurekaensis</i>	SR	0.00	0.00	0.00	0.00	154.22	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mojave Tarplant	<i>Deinandra mohavensis</i>	FS,SE	0.00	0.00	0.00	0.19	154.22	0.66	0.02	3.80	0.00	0.00	0.03	0.00	0.00	0.00
Mt. Gleason Paintbrush	<i>Castilleja gleasoni</i>	FS,SR	0.00	0.00	0.00	0.00	3.92	0.00	0.00	0.00	0.00	0.00	3.92	0.00	0.00	0.00
Parish's Daisy	<i>Erigeron parishii</i>	FT	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

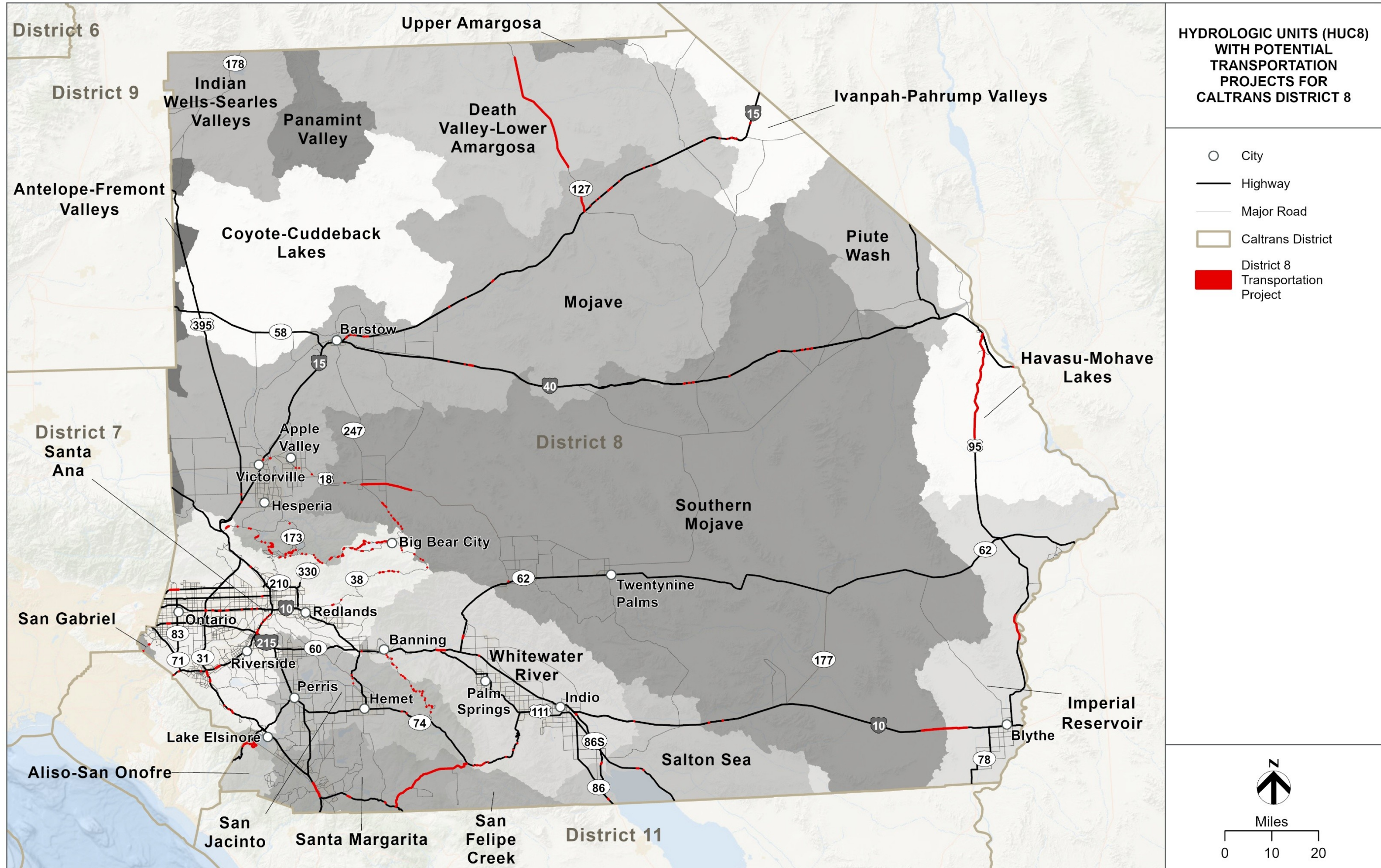
Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Barren	Desert Riparian	Desert Scrub	Desert Scrub; Desert Wash	Desert Succulent Shrub; Desert Wash	Desert Wash	Irrigated Row and Field Crops	Joshua Tree	Mixed Chaparral	Riverine	Sagebrush	Valley Foothill Riparian
		Total:	19.63	0.28	2.30	0.72	158.22	0.66	0.02	3.80	0.93	0.60	3.95	0.06	0.59	0.00
Red Rock Tarplant	<i>Deinandra arida</i>	FS,SR	0.00	0.00	0.00	0.00	154.22	0.66	0.02	0.00	0.00	0.00	0.00	0.00	0.59	0.00
Rock Lady	<i>Holmgrenanthe petrophila</i>	SR	0.00	0.00	0.00	0.00	154.22	0.66	0.02	0.00	0.00	0.00	0.00	0.00	0.59	0.00
Slender-Horned Spineflower	<i>Dodecahema leptoceras</i>	FE,SE	0.00	0.00	0.00	0.00	3.92	0.00	0.00	0.00	0.00	0.00	3.92	0.00	0.00	0.00
Sodaville Milk-Vetch	<i>Astragalus lentiginosus var. sesquimetalis</i>	SE	19.63	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
Spring-Loving Centaury	<i>Zeltnera namophila</i>	FT	10.93	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 Joshua Tree	<i>Yucca brevifolia</i>	FS,SCT	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
Wiggins' Croton	<i>Croton wigginsii</i>	FS,SR	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Invertebrate																
Crotch's Bumble Bee	<i>Bombus crotchii</i>	SCE	0.05	0.11	0.10	0.72	49.25	0.00	0.02	0.00	0.93	0.11	3.95	0.06	0.59	0.00

District 8 Sonoran Desert Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Alkali Desert Scrub	Desert Riparian	Desert Scrub	Desert Wash
		Total:	3.08	4.54	8.93	3.95
Amphibians						
Couch's Spadefoot	<i>Scaphiopus couchii</i>	FS,SSC	0.00	4.54	8.88	3.95
Sonoran Desert Toad	<i>Incius alvarius</i>	SSC	3.08	4.54	8.88	3.50
Birds						
Arizona Bell's Vireo	<i>Vireo bellii arizonae</i>	FS,SE	0.00	4.54	0.00	0.00
Burrowing Owl	<i>Athene cunicularia</i>	FS,SCE,SSC	3.08	4.54	8.93	3.95
Crissal Thrasher	<i>Toxostoma crissale</i>	FS,SSC	0.00	4.54	0.00	3.95
Elf Owl	<i>Micrathene whitneyi</i>	FS,SE	0.00	4.54	0.00	0.00
Gila Woodpecker	<i>Melanerpes uropygialis</i>	FS,SE	0.00	4.54	0.00	3.66
Gilded Flicker	<i>Colaptes chrysoides</i>	FS,SE	3.08	4.54	8.88	3.50
Least Bittern	<i>Botaurus exilis</i>	SSC	0.00	4.54	0.00	0.00
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	3.08	4.54	8.93	3.95
Long-Eared Owl	<i>Asio otus</i>	SSC	0.00	4.54	8.93	0.00
Lucy's Warbler	<i>Leiothlypis luciae</i>	FS,SSC	0.00	4.49	0.59	0.59
Southwestern Willow Flycatcher	<i>Empidonax traillii extimus</i>	FE,SE	0.00	4.54	0.00	0.00
Summer Tanager	<i>Piranga rubra</i>	SSC	0.00	4.54	0.00	3.50
Vermilion Flycatcher	<i>Pyrocephalus rubinus</i>	SSC	0.00	4.54	0.00	0.00
Western Yellow-Billed Cuckoo	<i>Coccyzus americanus occidentalis</i>	FS,FT,SE	0.00	4.54	0.00	0.00
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	3.08	0.00	8.88	0.00
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	4.54	0.00	0.00
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	0.00	4.49	0.00	0.00
Mammals						
American Badger	<i>Taxidea taxus</i>	SSC	3.08	4.54	8.93	3.95
Arizona Myotis	<i>Myotis occultus</i>	SSC	3.08	4.54	8.88	3.95
Big Free-Tailed Bat	<i>Nyctinomops macrotis</i>	SSC	0.00	0.00	8.93	0.00
California Leaf-Nosed Bat	<i>Macrotus californicus</i>	FS,SSC	3.08	4.54	8.93	3.95
Cave Myotis	<i>Myotis velifer</i>	FS,SSC	0.00	4.54	8.88	3.66
Colorado River Cotton Rat	<i>Sigmodon arizonae plenus</i>	SSC	0.00	4.54	0.00	0.00
Desert Bighorn Sheep	<i>Ovis canadensis nelsoni</i>	FS,SFP	0.00	1.85	5.78	2.56
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	0.00	4.54	8.93	3.95
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	3.08	4.54	8.93	3.95
Palm Springs Pocket Mouse	<i>Perognathus longimembris bangsi</i>	FS,SSC	0.00	0.00	0.04	0.00
Palo Verde Mountains Ringtail	<i>Bassariscus astutus willetti</i>	SFP	3.08	4.54	8.88	3.95
Pocketed Free-Tailed Bat	<i>Nyctinomops femorosaccus</i>	SSC	0.00	0.00	0.04	0.46
Southern California Ringtail	<i>Bassariscus astutus octavus</i>	SFP	0.00	0.00	0.04	0.00
Spotted Bat	<i>Euderma maculatum</i>	FS,SSC	3.08	4.54	8.93	3.95
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	3.08	4.54	8.93	3.95
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	3.08	4.54	8.93	3.95
Western Yellow Bat	<i>Lasiurus xanthinus</i>	SSC	0.00	4.54	0.00	3.95
Reptiles						
Desert Tortoise	<i>Gopherus agassizii</i>	FT,SE	3.08	4.54	8.93	3.95
Mohave Fringe-Toed Lizard	<i>Uma scoparia</i>	FS,SSC	3.08	4.54	8.88	3.95
Plants						
Algodones Dunes Sunflower	<i>Helianthus niveus ssp. tephrodes</i>	FS,SE	0.00	0.00	8.93	0.00
Borrego Bedstraw	<i>Galium angustifolium ssp. borregoense</i>	FS,SR	0.00	0.00	8.93	0.00
Wiggins' Croton	<i>Croton wigginsii</i>	FS,SR	0.00	0.00	8.93	0.00

Common Name	Species Name	Status	Annual Grassland	Barren	Chamise-Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Cropland-Orchard-Vineyard	Desert Riparian-Desert Wash	Desert Scrub	Desert Wash	Eastside Pine	Eucalyptus	Fresh Emergent Wetland	Jeffrey Pine	Joshua Tree	Juniper	Lacustrine	Mixed Chaparral	Montane Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Montane Hardwood-Montane Hardwood-Conifer	Pinyon-Juniper	Ponderosa Pine	Riverine-Lacustrine	Sagebrush	Sierran Mixed Conifer	Sierran Mixed Conifer, Montane Hardwood-Conifer	Valley Foothill Riparian	Wet Meadow	White Fir, Sierran Mixed Conifer	
																																	Total:
Amphibians																																	
Arroyo Toad	<i>Anaxyrus californicus</i>	FE,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	1.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.51	0.00	0.00
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	15.75	0.00	0.00	5.57	15.37	0.00	0.00	0.00	0.00	0.01	1.32	0.00	0.00	0.00	0.00	0.00	18.94	0.00	0.92	2.93	0.05	0.00	0.15	0.04	0.00	0.00	0.08	1.81	0.54	0.00	
Coast Range Newt	<i>Taricha torosa</i>	SSC	0.35	0.00	0.00	3.74	4.48	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	10.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	
Desert Slender Salamander	<i>Batrachoseps major aridus</i>	FE,SE	0.00	0.00	0.00	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	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	
Foothill Yellow Legged Frog - South Coast DPS	<i>Rana boylei</i>	FE, SE, FS	15.77	0.00	19.52	5.48	15.12	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	17.74	0.04	0.18	2.09	0.05	0.00	0.10	0.04	0.00	1.23	0.08	1.81	0.54	0.00	
Southern Mountain Yellow Legged Frog (SC)	<i>Rana muscosa</i>	FE, SE, 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	0.00	0.00	0.00	0.00	0.19	1.35	0.05	0.00	0.03	0.00	0.00	0.86	0.08	0.00	0.00	0.06	
Western Spadefoot	<i>Spea hammondi</i>	FCT,FS,SSC	1.63	0.00	2.95	2.15	13.83	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	
Birds																																	
Bald Eagle	<i>Haliaeetus leucocephalus</i>	FS,SE,SFP,SFS	1.24	0.30	0.14	0.00	4.84	0.00	0.02	0.00	0.00	0.37	0.01	0.00	0.49	0.00	0.00	0.00	3.28	0.05	0.65	1.30	0.00	0.29	0.15	0.00	0.09	2.22	0.00	0.71	0.00	0.00	
Black Swift	<i>Cypseloides niger</i>	SSC	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.14	1.35	0.05	0.00	0.03	0.00	0.00	0.88	0.08	0.00	0.00	0.00	
Burrowing Owl	<i>Athene cucularia</i>	FS,SCE,SSC	1.18	0.29	0.14	0.00	4.84	0.00	0.02	0.09	1.19	0.00	0.01	0.00	0.00	0.00	0.00	0.00	2.18	0.23	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.71	0.00	0.00		
California Condor	<i>Gymnogyps californianus</i>	FE,SE,SFP,SFS	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	0.00	0.00	0.97	0.00	0.32	0.62	0.00	0.00	0.05	0.00	0.00	0.90	0.00	0.00	0.00	0.00	
California Spotted Owl	<i>Strix occidentalis occidentalis</i>	FS,SSC	0.00	0.00	0.00	5.44	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.49	0.00	0.00	0.00	0.00	0.00	0.95	3.16	0.05	0.00	0.15	0.00	0.00	2.22	0.08	1.05	0.00	0.00	
Coastal California Gnatcatcher 2	<i>Polioptila californica californica</i>	FT,SSC	11.26	0.00	13.56	5.47	14.26	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	14.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.78	0.00	0.00	
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	15.80	0.30	19.80	5.57	15.37	0.00	0.02	0.09	1.19	0.37	0.01	1.32	0.49	0.01	0.00	0.00	19.00	0.28	0.95	3.16	0.05	2.14	0.15	0.00	6.37	2.22	0.08	1.81	0.54	0.06	
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	1.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	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	0.00	0.00	0.00	0.00	0.00	
Gray Vireo	<i>Vireo vicinior</i>	FS,SSC	0.00	0.00	15.16	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	3.48	0.00	0.00	0.00	0.00	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Least Bell's Vireo	<i>Vireo bellii pusillus</i>	FE,SE	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.00	0.00		
Least Bittern	<i>Botaurus exilis</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	15.80	0.30	19.80	5.57	15.37	0.00	0.02	0.09	1.19	0.37	0.01	1.32	0.49	0.01	0.00	0.00	19.00	0.28	0.95	3.16	0.05	2.14	0.15	0.00	6.37	2.22	0.08	1.81	0.54	0.00	
Long-Eared Owl	<i>Asio otus</i>	SSC	15.80	0.00	19.80	5.57	0.00	0.00	0.02	0.09	0.00	0.37	0.01	0.00	0.00	0.00	0.00	0.00	19.00	0.28	0.95	3.16	0.05	0.00	0.15	0.00	6.37	2.22	0.08	1.81	0.54	0.00	
Mountain Plover	<i>Anarhynchus montanus</i>	FS,SSC	0.99	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	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	0.00	
Northern Goshawk	<i>Accipiter gentilis</i>	FS,SSC,SFS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.49	0.00	0.00	0.00	1.55	0.28	0.81	2.55	0.05	0.55	0.15	0.00	0.09	2.22	0.08	0.00	0.00	0.00	
Northern Harrier	<i>Circus hudsonius</i>	SSC	15.37	0.29	19.56	0.51	10.89	0.00	0.02	0.00	1.19	0.00	0.01	1.32	0.58	0.00	0.00	0.00	6.58	0.00	0.00	0.58	0.00	1.60	0.00	0.04	0.00	0.00	1.53	0.54	0.00		
Olive-Sided Flycatcher	<i>Contopus cooperi</i>	SSC	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.49	0.00	0.00	0.00	2.11	0.00	0.78	2.58	0.05	0.00	0.15	0.00	0.00	2.22	0.08	0.00	0.00	0.00	
Oregon Vesper Sparrow	<i>Pooecetes gramineus affinis</i>	SSC	14.45	0.00	0.00	5.54	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	15.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.82	0.00	0.00	0.00	0.00		
Purple Martin	<i>Progne subis</i>	SSC	0.44	0.00	0.00	5.06	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	0.57	2.30	0.05	0.00	0.15	0.00	0.00	2.22	0.08	0.29	0.00	0.00	
Southwestern Willow Flycatcher	<i>Empidonax trillix extimus</i>	FE,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.01	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	0.00	1.81	0.54	0.00		
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	6.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	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	0.00	0.00	1.64	0.00	0.00	
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	15.75	0.29	19.80	5.57	15.37	0.00	0.00	0.00	0.00	0.01	1.32	0.00	0.00	0.00	0.00	0.00	17.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.81	0.54	0.00	
Willow Flycatcher	<i>Empidonax trillix</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.01	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	0.00	0.00	0.00	0.00	0.00	
Yellow Warbler	<i>Setophaga petechia</i>	FS,SSC	0.00	0.00	19.80	5.50	15.31	0.00	0.02	0.00	0.37	0.00	0.01	0.49	0.01	0.00	0.00	0.00	18.33	0.28	0.91	1.87	0.00	0.15	0.00	0.00	6.31	2.22	0.08	1.81	0.54	0.00	
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	0.00	0.00	0.00	0.00	15.37	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.81	0.00	0.00		
Yellow-Headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	SSC	5.28	0.00	0.00	0.00	6.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Mammals																																	
American Badger	<i>Taxidea taxus</i>	SSC	15.80	0.30	19.80	5.57	15.37	0.00	0																								

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



District 8 Watershed Impacts to Riparian, Waters, Wetlands, and Fish Species Summary Table

HUC 8 NAME			Riparian	Waters	Wetland
Common Species Name	Scientific Species Name	Listing Status			
Aliso-San Onofre			0.59	0.16	0.00
Steelhead - Southern California DPS	<i>Oncorhynchus mykiss irideus pop. 10</i>	FE,SE		0.16	0.00
Death Valley-Lower Amargosa			0.00	0.82	0.00
N/A	N/A	N/A		0.00	0.00
Havasu-Mohave Lakes			0.68	3.09	0.73
Bonytail	<i>Gila elegans</i>	FE, SE		1.62	0.00
Razorback Sucker	<i>Xyrauchen texanus</i>	FE,SE,SFP		1.52	0.00
Imperial Reservoir			0.92	0.24	0.00
Bonytail	<i>Gila elegans</i>	FE, SE		0.24	0.00
Razorback Sucker	<i>Xyrauchen texanus</i>	FE,SE,SFP		0.24	0.00
Ivanpah-Pahrump Valleys			0.02	0.11	0.00
N/A	N/A	N/A		0.00	0.00
Mojave			1.02	0.16	0.09
Santa Ana Sucker	<i>Pantosteus santaanae</i>	FT,SSC		0.05	0.00
Salton Sea			0.00	0.02	0.00
Desert Pupfish	<i>Cyprinodon macularius</i>	FE, SE		0.01	0.00
San Gabriel			0.22	0.00	0.00
N/A	N/A	N/A		0.00	0.00
San Jacinto			1.18	0.15	0.00
N/A	N/A	N/A		0.00	0.00
Santa Ana			1.03	0.24	0.00
Santa Ana Sucker	<i>Pantosteus santaanae</i>	FT,SSC		0.18	0.00
Unarmored Threespine Stickleback	<i>Gasterosteus aculeatus williamsoni</i>	FE,SE,SFP		0.02	0.00
Santa Margarita			1.45	0.51	0.09
Steelhead - Southern California DPS	<i>Oncorhynchus mykiss irideus pop. 10</i>	FE,SE		0.10	0.00
Southern Mojave			0.06	0.89	0.00
Unarmored Threespine Stickleback	<i>Gasterosteus aculeatus williamsoni</i>	FE,SE,SFP		0.08	0.00
Whitewater River			0.43	0.15	0.00
Desert Pupfish	<i>Cyprinodon macularius</i>	FE, SE		0.03	0.00

APPENDIX I

District 9

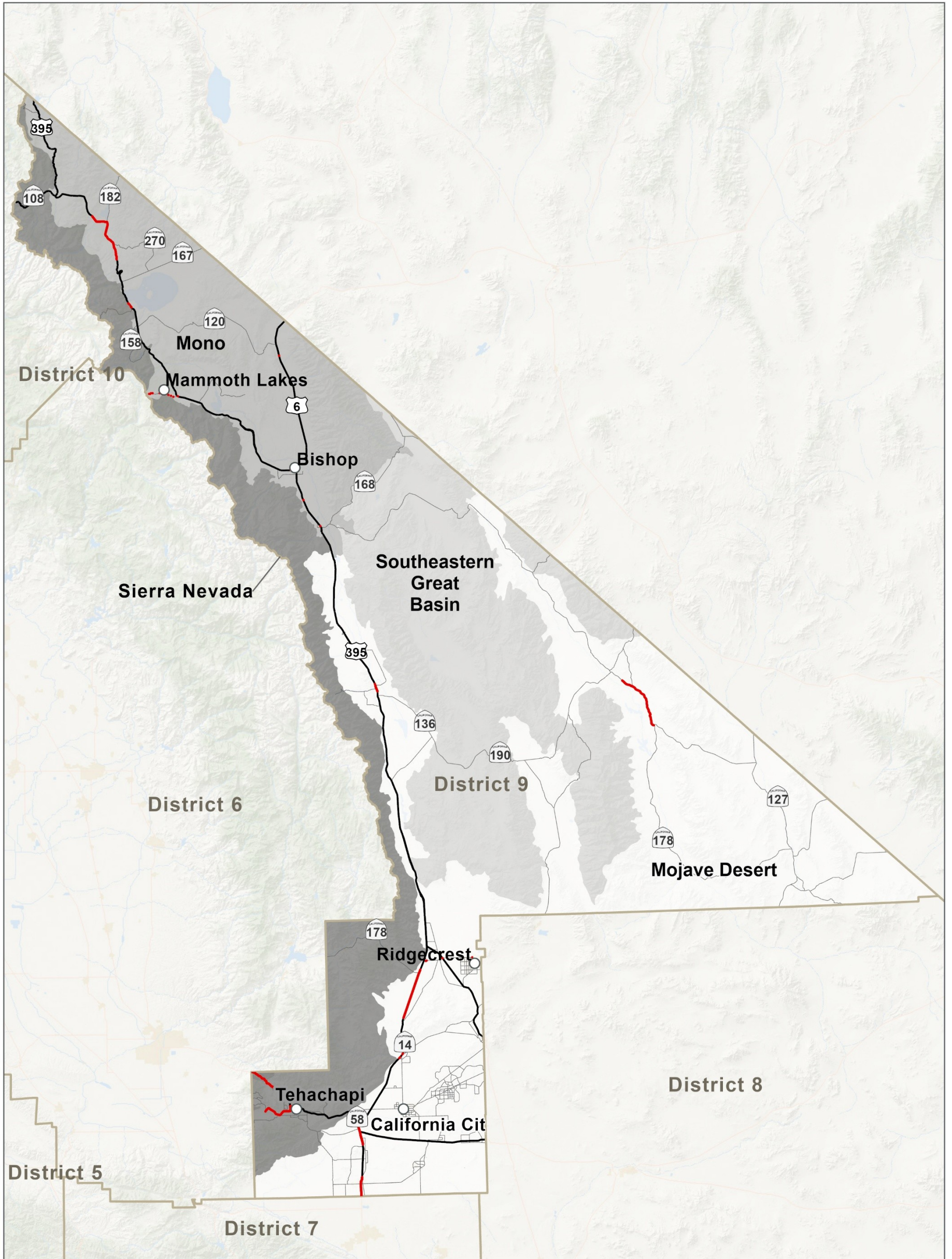
- **Table:** Caltrans District 9 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin
- **Map:** Caltrans District 9 – Ecoregion Sections with Potential Transportation Projects
- **Key:** Caltrans District 9 – Ecoregion Section Impact by Species Special Status Species Acronym Key
- **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 Riparian, Waters, Wetlands, and Fish Species 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 HUC8 (Acres)
16268	INY	395	117.3	117.9	Mobility - ADA	2023/24	Mono	1.09	Crowley Lake	1.09
18974	MNO	395	76	80.6	Pavement	2025/26	Mono	17.96	East Walker	17.96
18987	MNO	395	50.6	53.1	Mobility - ADA	2023/24	Sierra Nevada	1.05	Mono Lake	1.05
19004	KER	14	R12.6	16.7	Pavement	2026/27	Mojave Desert	67.83	Antelope-Fremont Valleys	67.83
19023	INY	395	56.81	R58.299	Mobility - ADA	2023/24	Mojave Desert	5.18	Owens Lake	5.18
20339	KER	58	77.2	R88.56	Pavement	2025/26	Sierra Nevada	47.08	Middle Kern-Upper Tehachapi-Grapevine	75.72
							Sierra Nevada Foothills	28.64		
20347	MNO	6	R16.9	26.5	Pavement	2027/28	Mono	0.09	Crowley Lake	0.09
20351	KER	178	92	R93.4	Pavement	2029/30	Mojave Desert	0.51	Indian Wells-Searles Valleys	0.51
20354	INY	190	96.8	111.6	Pavement	2029/30	Mojave Desert	53.43	Death Valley-Lower Amargosa	53.43
20357	MNO	203	L0.0	R8.671	Pavement	2028/29	Mono	1.39	Crowley Lake	1.47
							Sierra Nevada	0.08		
20430	KER	202	R1.476	12.093	Pavement	2030/31	Sierra Nevada	33.84	Middle Kern-Upper Tehachapi-Grapevine	33.84
21136	INY	395	57.9	R59.0	Pavement	2025/26	Mojave Desert	0.41	Owens Lake	0.41
21677	KER	14	R0	R4.7	Pavement	2027/28	Mojave Desert	68.30	Antelope-Fremont Valleys	68.30
22794	KER	58	R107.7	R118.0	Pavement	2030/31	Mojave Desert	0.07	Antelope-Fremont Valleys	0.07
22802	INY	395	100.8	113	Pavement	2026/27	Mono	0.17	Crowley Lake	0.17
22927	KER	14	46.2	58.6	Proactive Safety	2028/29	Mojave Desert	87.41	Indian Wells-Searles Valleys	87.41
23933	KER	178	88.6	92	Pavement	2026/27	Mojave Desert	0.19	Indian Wells-Searles Valleys	0.19
24647	MNO	395	66.128	75.6	Pavement	2031/32	Mono	32.93	East Walker	32.93
24661	KER	14	34.5	46.2	Pavement	2032/33	Mojave Desert	0.28	Antelope-Fremont Valleys	0.28

Caltrans District 9 - Ecoregion Sections with Potential Transportation Projects



 <p>Miles</p> <p>0 20 40</p>	<ul style="list-style-type: none">  City  Highway  Major Road  District 9 Transportation Project  Caltrans District 	<p>ECOREGION SECTIONS WITH POTENTIAL TRANSPORTATION PROJECTS FOR CALTRANS DISTRICT 9</p>
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Ecoregion Section Impact by Species

Special Status Species Acronym Key

District 9

FE = Federally Endangered

FT = Federally Threatened

SE = State Endangered

ST = State Threatened

FCT = Federal Candidate Threatened

FCE = Federal Candidate Endangered

SCT = State Candidate Threatened

SCE = State Candidate Endangered

SFP = State Fully Protected Species

SSC = State Species of Concern

SR = State Rare Species

FS = Federal Sensitive Species (includes USFS sensitive and/or BLM Sensitive)

SFS = State Fire Sensitive

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District 9 Mojave Desert Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Barren	Deciduous Orchard; Vineyard	Desert Scrub	Desert Wash	Irrigated Hayfield	Joshua Tree
		Total:	7.49	2.67	18.50	0.17	123.94	0.31	0.24	0.01
Birds										
Burrowing Owl	<i>Athene cunicularia</i>	FS,SCE,SSC	7.49	2.67	18.50	0.00	123.94	0.31	0.24	0.01
California Condor	<i>Gymnogyps californianus</i>	FE,SE,SFP,SFS	0.00	2.67	0.00	0.00	0.00	0.00	0.24	0.00
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	7.49	2.67	18.50	0.00	123.94	0.31	0.24	0.01
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	7.49	2.67	18.50	0.17	123.94	0.31	0.24	0.01
Long-Eared Owl	<i>Asio otus</i>	SSC	0.00	2.67	0.00	0.00	123.94	0.00	0.24	0.00
Lucy's Warbler	<i>Leiothlypis luciae</i>	FS,SSC	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00
Mountain Plover	<i>Anarhynchus montanus</i>	FS,SSC	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00
Northern Harrier	<i>Circus hudsonius</i>	SSC	5.92	2.06	18.50	0.17	40.83	0.17	0.24	0.00
Swainson's Hawk	<i>Buteo swainsoni</i>	FS,ST	0.00	2.67	0.00	0.00	94.20	0.00	0.24	0.00
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	0.00	2.06	0.00	0.00	0.00	0.00	0.00	0.00
Western Yellow-Billed Cuckoo	<i>Coccyzus americanus occidentalis</i>	FS,FT,SE	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	0.00	0.17	0.00	0.00	0.24	0.00
Yellow-Headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	SSC	0.00	2.67	0.00	0.00	0.00	0.00	0.24	0.00
Mammals										
American Badger	<i>Taxidea taxus</i>	SSC	7.49	2.67	18.50	0.17	123.94	0.31	0.24	0.01
Desert Bighorn Sheep	<i>Ovis canadensis nelsoni</i>	FS,SFP	2.83	0.00	0.00	0.00	29.73	0.17	0.00	0.00
Mohave Ground Squirrel	<i>Xerospermophilus mohavensis</i>	FS,ST	4.65	2.67	0.00	0.00	94.20	0.00	0.00	0.01
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	0.00	2.06	0.00	0.00	10.88	0.00	0.00	0.00
Owens Valley Vole	<i>Microtus californicus vallicola</i>	FS,SSC	0.00	0.00	0.00	0.17	0.00	0.00	0.24	0.00
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	7.49	2.67	18.50	0.17	123.94	0.31	0.24	0.01
Southern California Ringtail	<i>Bassariscus astutus octavus</i>	SFP	4.65	2.67	0.00	0.00	94.20	0.14	0.00	0.01
Spotted Bat	<i>Euderma maculatum</i>	FS,SSC	7.49	2.67	0.00	0.00	123.94	0.31	0.00	0.01
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	7.49	2.67	18.50	0.17	123.94	0.31	0.24	0.01
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	4.65	2.67	0.00	0.00	94.20	0.14	0.00	0.01
Reptiles										
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS,SSC	1.15	0.61	0.00	0.00	0.00	0.00	0.00	0.00
Desert Tortoise	<i>Gopherus agassizii</i>	FT,SE	7.49	2.67	18.50	0.00	123.94	0.31	0.00	0.01
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	0.00	2.06	0.00	0.00	0.00	0.00	0.00	0.00
Invertebrates										
Crotch's Bumble Bee	<i>Bombus crotchii</i>	SCE	4.61	2.67	0.00	0.00	94.20	0.14	0.00	0.01
Plants										
Eureka Dunes Evening-Primrose	<i>Oenothera avita ssp. eurekaensis</i>	SR	0.00	0.00	0.00	0.00	123.94	0.00	0.00	0.00
Mojave Tarplant	<i>Deinandra mohavensis</i>	FS,SE	0.00	0.00	0.00	0.00	123.94	0.31	0.00	0.00
Red Rock Tarplant	<i>Deinandra arida</i>	FS,SR	0.00	0.00	0.00	0.00	123.94	0.00	0.00	0.00
Rock Lady	<i>Holmgrenanthe petrophila</i>	SR	0.00	0.00	0.00	0.00	123.94	0.00	0.00	0.00
Sodaville Milk-Vetch	<i>Astragalus lentiginosus var. sesquimetralis</i>	SE	7.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Western Joshua Tree	<i>Yucca brevifolia</i>	FS,SCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01

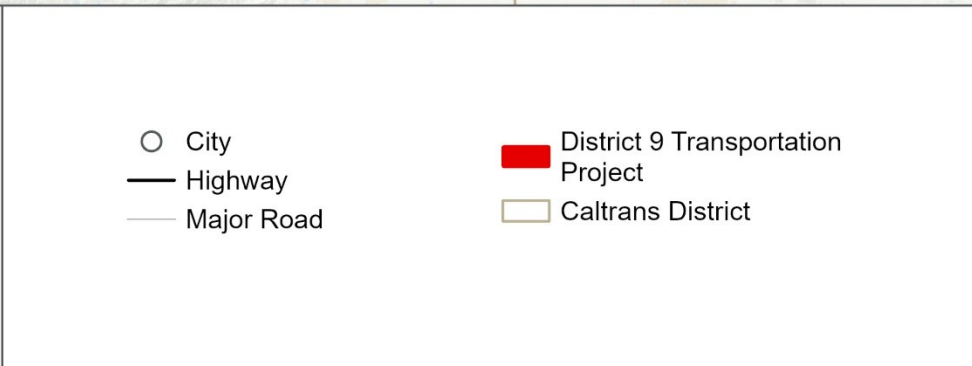
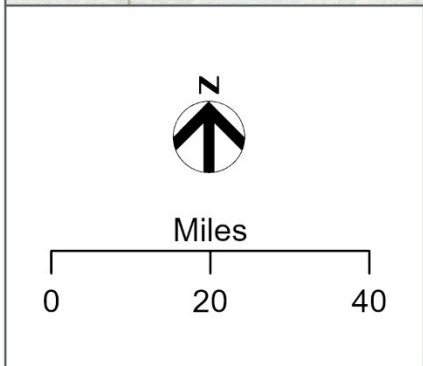
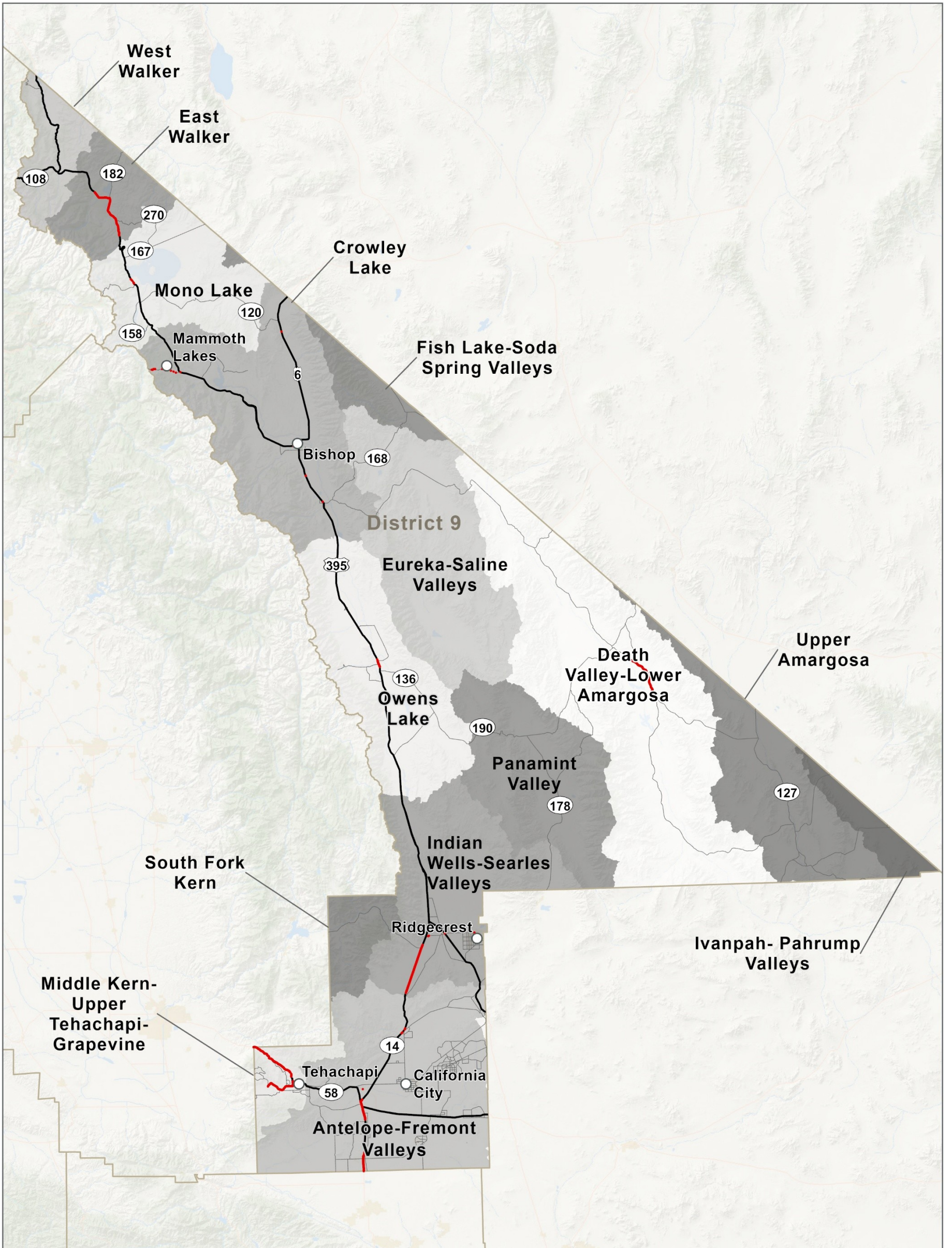
Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Aspen	Barren	Bitterbrush	Eastside Pine	Lodgepole Pine	Low Sage	Montane Riparian	Pinyon-Juniper	Sagebrush	Sierran Mixed Conifer	Subalpine Conifer	Wet Meadow
Amphibians		Total:	0.01	2.81	0.26	0.79	4.90	0.19	0.07	1.34	1.61	2.29	12.25	0.12	0.07	5.57
Northern Leopard Frog	<i>Lithobates pipiens</i>	SSC	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.05
Sierra Nevada Yellow-Legged Frog	<i>Rana sierrae</i>	FE,FS,ST	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.12	0.07	0.00
Yosemite Toad	<i>Anaxyrus canorus</i>	FS,FT,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
Birds																
Bank Swallow	<i>Riparia riparia</i>	FS,ST	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
Black Swift	<i>Cypseloides niger</i>	SSC	0.00	0.12	0.00	0.67	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.12	0.07	0.00
Burrowing Owl	<i>Athene cunicularia</i>	FS,SCE,SSC	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	0.05
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	0.01	2.81	0.00	0.79	4.90	0.19	0.07	1.34	1.61	2.29	12.25	0.12	0.07	5.57
Great Gray Owl	<i>Strix nebulosa</i>	FS,SE,SFS	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.12	0.00	0.00
Greater Sage-Grouse	<i>Centrocercus urophasianus</i>	FCT,FS,SCE,SSC	0.00	0.00	0.00	0.11	4.90	0.00	0.00	1.34	0.00	0.00	12.15	0.00	0.00	5.53
Greater Sandhill Crane	<i>Antigone canadensis tabida</i>	FS,SFP,ST	0.00	2.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.44
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.01	2.81	0.00	0.79	4.90	0.19	0.00	1.34	1.61	2.29	12.25	0.00	0.00	5.57
Long-Eared Owl	<i>Asio otus</i>	SSC	0.00	2.81	0.26	0.00	4.90	0.19	0.00	1.34	1.61	0.00	12.25	0.12	0.00	5.57
Northern Goshawk	<i>Accipiter gentilis</i>	FS,SSC,SFS	0.00	0.00	0.00	0.00	0.00	0.19	0.07	0.00	0.00	0.00	0.14	0.12	0.07	0.00
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.00	2.69	0.26	0.11	4.90	0.00	0.00	1.34	1.61	2.29	0.00	0.00	0.00	5.57
Olive-Sided Flycatcher	<i>Contopus cooperi</i>	SSC	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
Short-Eared Owl	<i>Asio flammeus</i>	SSC	0.01	2.81	0.00	0.00	4.90	0.19	0.00	1.34	1.61	2.29	12.25	0.12	0.00	5.53
Southwestern Willow Flycatcher	<i>Empidonax traillii extimus</i>	FE,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.61	0.00	0.00	0.00	0.00	5.57
Swainson's Hawk	<i>Buteo swainsoni</i>	FS,ST	0.00	0.05	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.05
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.61	0.00	0.00	0.00	0.00	5.57
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	0.26	0.00	0.00	0.19	0.07	0.00	1.61	0.00	0.00	0.12	0.00	0.00
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	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
Yellow-Headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	SSC	0.00	2.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.57
Mammals																
American Badger	<i>Taxidea taxus</i>	SSC	0.01	2.81	0.26	0.79	4.90	0.19	0.07	1.34	1.61	2.29	12.25	0.12	0.07	5.57
Fisher - Southern Sierra Nevada ESU	<i>Pekania pennanti pop. 2</i>	FE,FS,SSC,ST	0.00	0.00	0.00	0.00	0.00	0.19	0.07	0.00	0.00	0.00	0.00	0.12	0.07	0.00
Mount Lyell Shrew	<i>Sorex lyelli</i>	SSC	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.00	1.59	0.00	0.00	0.00	0.07	5.53
Owens Valley Vole	<i>Microtus californicus vallicola</i>	FS,SSC	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.05
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.01	2.81	0.00	0.79	4.90	0.19	0.07	1.34	1.61	2.29	12.25	0.12	0.00	5.57
Pygmy Rabbit	<i>Brachylagus idahoensis</i>	FS,SSC	0.00	0.00	0.00	0.00	4.90	0.00	0.00	0.00	0.00	2.29	12.24	0.00	0.00	0.00
Sierra Nevada Snowshoe Hare	<i>Lepus americanus tahoensis</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.12	0.07	0.00
Spotted Bat	<i>Euderma maculatum</i>	FS,SSC	0.01	2.81	0.00	0.00	4.90	0.19	0.00	1.34	1.61	2.29	12.25	0.12	0.00	5.57
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.01	2.72	0.26	0.64	4.90	0.19	0.00	1.34	1.61	2.29	12.25	0.06	0.00	5.57
Western White-Tailed Jackrabbit	<i>Lepus townsendii townsendii</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.19	0.07	1.34	0.00	0.00	12.25	0.00	0.07	5.57
Wolverine	<i>Gulo gulo</i>	FS,FT,SFP,ST	0.00	0.00	0.00	0.68	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.12	0.07	0.00
Reptiles																
Panamint Alligator Lizard	<i>Elgaria panamintina</i>	FS,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
Plants																
Congdon's Lewisia	<i>Lewisia congdonii</i>	FS,SR	0.00	0.12	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00
Congdon's Woolly Sunflower	<i>Eriophyllum congdonii</i>	FS,SR	0.00	0.12	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00
Father Crowley's Lupine	<i>Lupinus padrecrowleyi</i>	FS,SR	0.00	0.00	0.26	0.00	4.90	0.19	0.00	1.34	1.61	0.00	12.25	0.00	0.00	0.00
Long Valley Milk-Vetch	<i>Astragalus johannis-howellii</i>	FS,SR	0.00	0.00	0.00	0.00	4.90	0.00	0.00	1.34	0.00	0.00	12.11	0.00	0.00	0.00
Mono Milk-Vetch	<i>Astragalus monoensis</i>	FS,SR	0.00	0.00	0.00	0.00	4.90	0.00	0.00	1.34	0.00	0.00	12.11	0.00	0.00	0.00
Owens Valley Checkerbloom	<i>Sidalcea covillei</i>	FS,SE	0.01	0.00	0.00	0.00	4.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.57
Tompkins' Sedge	<i>Carex tompkinsii</i>	SR	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00
Whitebark Pine	<i>Pinus albicaulis</i>	FCT	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	0.00
Yosemite Onion	<i>Allium yosemitense</i>	FS,SR	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00

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

Common Name	Species Name	Status	Annual Grassland	Blue Oak-Foothill Pine	Blue Oak-Foothill Pine; Blue Oak Woodland	Coastal Scrub	Montane Hardwood	Sagebrush
		Total:	4.49	0.13	2.90	1.73	1.68	0.09
Amphibians								
Foothill Yellow Legged Frog - South Sierra DPS	<i>Rana boylei</i>	FE, SE, FS	4.49	0.13	2.90	1.73	1.68	0.00
Tehachapi Slender Salamander	<i>Batrachoseps stebbinsi</i>	FS,ST	0.00	0.13	2.90	0.00	0.00	0.00
Birds								
Bald Eagle	<i>Haliaeetus leucocephalus</i>	FS,SE,SFP,SFS	4.49	0.13	2.90	1.73	1.68	0.09
California Condor	<i>Gymnogyps californianus</i>	FE,SE,SFP,SFS	4.49	0.13	2.90	1.73	1.68	0.09
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	4.49	0.13	2.90	1.73	1.68	0.09
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	4.49	0.00	0.00	0.00	0.00	0.00
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	4.49	0.13	2.90	1.73	1.68	0.09
Long-Eared Owl	<i>Asio otus</i>	SSC	4.49	0.13	2.90	0.00	1.68	0.09
Oregon Vesper Sparrow	<i>Pooecetes gramineus affinis</i>	SSC	4.49	0.13	2.90	0.00	0.00	0.09
Purple Martin	<i>Progne subis</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00
Swainson's Hawk	<i>Buteo swainsoni</i>	FS,ST	4.49	0.13	2.90	0.00	1.68	0.09
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	4.49	0.00	0.00	0.00	0.00	0.00
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	4.49	0.13	2.90	1.73	0.00	0.00
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.13	2.90	1.73	1.68	0.00
Mammals								
American Badger	<i>Taxidea taxus</i>	SSC	4.49	0.13	2.90	1.73	1.68	0.09
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	3.55	0.00	2.15	0.32	1.13	0.00
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	4.49	0.13	2.90	1.73	1.68	0.09
San Joaquin Kit Fox	<i>Vulpes macrotis mutica</i>	FE,ST	2.87	0.00	0.98	0.00	0.00	0.09
Spotted Bat	<i>Euderma maculatum</i>	FS,SSC	4.49	0.13	2.90	1.73	0.00	0.09
Tipton Kangaroo Rat	<i>Dipodomys nitratoides nitratoides</i>	FE,SE	2.87	0.00	0.98	0.00	0.00	0.00
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	4.49	0.13	2.90	1.73	1.68	0.09
Tulare Grasshopper Mouse	<i>Onychomys torridus tularensis</i>	FS,SSC	4.49	0.00	0.00	1.73	0.00	0.09
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	4.49	0.13	2.90	1.73	1.68	0.00
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	4.49	0.13	2.90	1.73	1.68	0.00
Reptiles								
Bakersfield Legless Lizard	<i>Anniella grinnelli</i>	SSC	4.49	0.00	0.00	1.73	0.00	0.00
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS, SSC	4.49	0.13	2.90	1.73	0.00	0.00
California Legless Lizard	<i>Anniella spp.</i>	SSC	0.00	0.13	2.90	1.73	0.00	0.00
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	4.49	0.13	2.90	1.73	1.68	0.00
Southern California Legless Lizard	<i>Anniella stebbinsi</i>	FS,SSC	0.00	0.00	0.00	1.73	1.68	0.00
Invertebrates								
Crotch's Bumble Bee	<i>Bombus crotchii</i>	SCE	4.49	0.13	2.90	1.73	1.68	0.09
Vernal Pool Fairy Shrimp	<i>Branchinecta lynchi</i>	FT	1.64	0.00	0.00	0.00	0.00	0.00
Plants								
Bakersfield Cactus	<i>Opuntia basilaris var. treleasei</i>	FE,SE	2.87	0.00	0.98	0.00	0.28	0.00
Boggs Lake Hedge-Hyssop	<i>Gratiola heterosepala</i>	FS,SE	0.45	0.00	0.00	0.00	0.00	0.00
Indian Valley Brodiaea	<i>Brodiaea rosea</i>	FS,SE	0.45	0.00	0.02	0.00	0.00	0.00
Kaweah Brodiaea	<i>Brodiaea insignis</i>	FS,SE	3.89	0.13	2.79	0.00	1.68	0.00
Striped Adobe-Lily	<i>Fritillaria striata</i>	FS,ST	3.89	0.13	2.79	0.00	1.68	0.00
Tompkins' Sedge	<i>Carex tompkinsii</i>	SR	0.00	0.13	2.88	1.73	1.68	0.00
Tracy's Eriastrum	<i>Eriastrum tracyi</i>	FS,SR	3.89	0.13	2.79	1.73	1.68	0.00
Tree-Anemone	<i>Carpenteria californica</i>	FS,ST	0.00	0.13	2.79	1.73	1.68	0.00

Common Name	Species Name	Status	Annual Grassland	Barren	Bitterbrush	Blue Oak-Foothill Pine	Blue Oak-Foothill Pine; Blue Oak Woodland	Coastal Scrub	Cropland	Eastside Pine	Mixed Chaparral	Montane Hardwood	Montane Riparian	Pinyon-Juniper	Sagebrush	Valley Foothill Riparian
Amphibians		Total:	14.61	0.65	0.16	0.31	8.46	2.42	0.00	0.01	0.04	1.41	0.10	0.00	10.61	0.25
Foothill Yellow Legged Frog - South Sierra DPS	<i>Rana boylei</i>	FE, SE, FS	14.61	0.00	0.00	0.31	8.46	2.42	0.00	0.00	0.04	1.41	0.00	0.00	0.00	0.25
Sierra Nevada Yellow-Legged Frog	<i>Rana sierrae</i>	FE,FS,ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
Tehachapi Slender Salamander	<i>Batrachoseps stebbinsi</i>	FS,ST	0.00	0.00	0.00	0.31	8.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25
Birds																
Bald Eagle	<i>Haliaeetus leucocephalus</i>	FS,SE,SFP,SFS	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bank Swallow	<i>Riparia riparia</i>	FS,ST	0.00	0.59	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.06	0.00
Black Swift	<i>Cypseloides niger</i>	SSC	0.00	0.06	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 Condor	<i>Gymnogyps californianus</i>	FE,SE,SFP,SFS	14.61	0.00	0.00	0.31	8.46	2.42	0.00	0.00	0.04	1.41	0.00	0.00	10.55	0.00
California Spotted Owl	<i>Strix occidentalis occidentalis</i>	FS,SSC	0.00	0.00	0.00	0.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	14.61	0.65	0.16	0.31	8.46	2.42	0.00	0.01	0.04	1.41	0.10	0.00	10.61	0.25
Greater Sage-Grouse	<i>Centrocercus urophasianus</i>	FCT,FS,SCE,SSC	0.00	0.59	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	14.61	0.65	0.16	0.31	8.46	2.42	0.00	0.01	0.04	1.41	0.10	0.00	10.61	0.25
Long-Eared Owl	<i>Asio otus</i>	SSC	14.61	0.00	0.16	0.31	8.46	0.00	0.00	0.01	0.04	1.41	0.10	0.00	10.61	0.25
Northern Goshawk	<i>Accipiter gentilis</i>	FS,SSC,SFS	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.10	0.00	0.06	0.00
Northern Harrier	<i>Circus hudsonius</i>	SSC	9.19	0.00	0.00	0.00	0.58	0.31	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.03
Olive-Sided Flycatcher	<i>Contopus cooperi</i>	SSC	0.00	0.00	0.00	0.31	8.46	0.00	0.00	0.01	0.04	1.41	0.10	0.00	0.00	0.00
Oregon Vesper Sparrow	<i>Pooecetes gramineus affinis</i>	SSC	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Purple Martin	<i>Progne subis</i>	SSC	14.61	0.00	0.00	0.31	8.46	0.00	0.00	0.00	0.00	1.41	0.00	0.00	0.00	0.25
Southwestern Willow Flycatcher	<i>Empidonax traillii extimus</i>	FE,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
Swainson's Hawk	<i>Buteo swainsoni</i>	FS,ST	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Western Snowy Plover	<i>Anarhynchus nivosus nivosus</i>	FT,SSC	0.00	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.25
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	0.00	0.31	8.46	2.42	0.00	0.01	0.04	1.41	0.10	0.00	0.00	0.25
Mammals																
American Badger	<i>Taxidea taxus</i>	SSC	14.61	0.65	0.16	0.31	8.46	2.42	0.00	0.01	0.04	1.41	0.10	0.00	10.61	0.25
Fisher - Southern Sierra Nevada ESU	<i>Pekania pennanti pop. 2</i>	FE,FS,SSC,ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.10	0.00	0.00	0.00
Mount Lyell Shrew	<i>Sorex lyelli</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	12.21	0.00	0.00	0.00	5.35	1.53	0.00	0.00	0.00	0.82	0.00	0.00	9.97	0.24
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	14.61	0.65	0.16	0.31	8.46	2.42	0.00	0.01	0.04	1.41	0.10	0.00	10.61	0.25
Sierra Nevada Snowshoe Hare	<i>Lepus americanus tahoenis</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
Southern California Ringtail	<i>Bassariscus astutus octavus</i>	SFP	14.49	0.00	0.00	0.31	8.23	2.42	0.00	0.00	0.04	1.41	0.00	0.00	10.55	0.25
Spotted Bat	<i>Euderma maculatum</i>	FS,SSC	14.61	0.00	0.16	0.31	8.46	2.42	0.00	0.01	0.00	0.00	0.10	0.00	10.61	0.25
Tehachapi Pocket Mouse	<i>Perognathus alticola inexpectatus</i>	FS,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.41	0.00
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	14.61	0.65	0.16	0.31	8.46	2.42	0.00	0.01	0.04	1.41	0.10	0.00	10.61	0.25
Tulare Grasshopper Mouse	<i>Onychomys torridus tularensis</i>	FS,SSC	14.61	0.00	0.00	0.00	0.00	2.42	0.00	0.00	0.04	0.00	0.00	0.00	10.55	0.25
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	14.61	0.00	0.00	0.31	8.46	2.42	0.00	0.00	0.04	1.41	0.00	0.00	0.00	0.25
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	7.25	0.00	0.00	0.31	4.80	0.06	0.00	0.00	0.00	1.40	0.00	0.00	0.00	0.10
Western White-Tailed Jackrabbit	<i>Lepus townsendii townsendii</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.06	0.00
Wolverine	<i>Gulo gulo</i>	FS,FT,SFP,ST	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Reptiles																
Bakersfield Legless Lizard	<i>Anniella grinnelli</i>	SSC	14.61	0.00	0.00	0.00	0.00	2.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS,SSC	14.61	0.00	0.00	0.31	8.46	2.42	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.25
California Legless Lizard	<i>Anniella spp.</i>	SSC	0.00	0.00	0.00	0.31	8.46	2.42	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.25
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	14.61	0.00	0.00	0.31	8.46	2.42	0.00	0.00	0.04	1.41	0.00	0.00	0.00	0.25
Southern California Legless Lizard	<i>Anniella stebbinsi</i>	FS,SSC	0.00	0.00	0.00	0.00	0.00	2.42	0.00	0.00	0.04	1.41	0.00	0.00	0.00	0.00
Invertebrates																
Crotch's Bumble Bee	<i>Bombus crotchii</i>	SCE	14.61	0.00	0.00	0.31	8.46	2.42	0.00	0.00	0.04	1.41	0.00	0.00	10.55	0.25
Vernal Pool Fairy Shrimp	<i>Branchinecta lynchi</i>	FT	11.01	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																
Congdon's Lewisia	<i>Lewisia congdonii</i>	FS,SR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Congdon's Woolly Sunflower	<i>Eriophyllum congdonii</i>	FS,SR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Father Crowley's Lupine	<i>Lupinus padreocrowleyi</i>	FS,SR	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.10	0.00	0.06	0.00
Kaweah Brodiaea	<i>Brodiaea insignis</i>	FS,SE	3.19	0.00	0.00	0.26	4.72	0.00	0.00	0.00	0.04	0.60	0.00	0.00	0.00	0.00
Long Valley Milk-Vetch	<i>Astragalus johannis-howellii</i>	FS,SR	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00
Mono Milk-Vetch	<i>Astragalus monoensis</i>	FS,SR	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00
Owens Valley Checkerbloom	<i>Sidalcea covillei</i>	FS,SE	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Striped Adobe-Lily	<i>Fritillaria striata</i>	FS,ST	3.19	0.00	0.00	0.26	4.72	0.00	0.00	0.00	0.04	0.60	0.00	0.00	0.00	0.00
Tompkins' Sedge	<i>Carex tompkinsii</i>	SR	0.00	0.00	0.00	0.31	8.46	2.42	0.00	0.01	0.04	1.41	0.00	0.00	0.00	0.00
Tracy's Eriastrum	<i>Eriastrum tracyi</i>	FS,SR	3.19	0.00	0.00	0.26	4.72	1.60	0.00	0.00	0.04	0.60	0.00	0.00	0.00	0.00
Tree-Anemone	<i>Carpenteria californica</i>	FS,ST	0.00	0.00	0.00	0.26	4.72	1.60	0.00	0.00	0.04	0.60	0.00	0.00	0.00	0.00
Yosemite Onion	<i>Allium yosemitense</i>	FS,SR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00

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



**HYDROLOGIC UNITS (HUC8)
WITH POTENTIAL
TRANSPORTATION
PROJECTS FOR
CALTRANS DISTRICT 9**

HUC 8 NAME			Riparian	Waters	Wetland
Common Species Name	Scientific Species Name	Listing Status			
	Antelope-Fremont Valleys		0.00	0.75	0.00
N/A	N/A	N/A		0.00	0.00
	Crowley Lake		0.22	0.09	0.12
Owens Tui Chub	<i>Siphateles bicolor snyderi</i>	FE,SE		0.08	0.12
	Death Valley-Lower Amargosa		0.04	0.33	0.00
Cottonball Marsh Pupfish	<i>Cyprinodon salinus milleri</i>	ST		0.24	0.00
	East Walker		2.16	0.10	15.80
Lahontan Cutthroat Trout	<i>Oncorhynchus clarkii henshawi</i>	FT,SSC		0.03	0.00
Palute Cutthroat Trout	<i>Oncorhynchus henshawi seleniris</i>	FT,SSC		0.02	0.00
	Indian Wells-Searles Valleys		0.00	0.43	0.00
N/A	N/A	N/A		0.00	0.00
	Middle Kern-Upper Tehachapi-Grapevine		7.45	1.86	0.38
N/A	N/A	N/A		0.00	0.00

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
- **Key:** Caltrans District 10 – Ecoregion Section Impact by Species Special Status Species Acronym Key
- **Table:** Caltrans District 10 – Central California 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 Riparian, Waters, Wetlands, and Fish Species Summary Table

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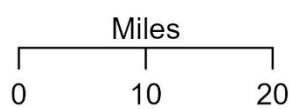
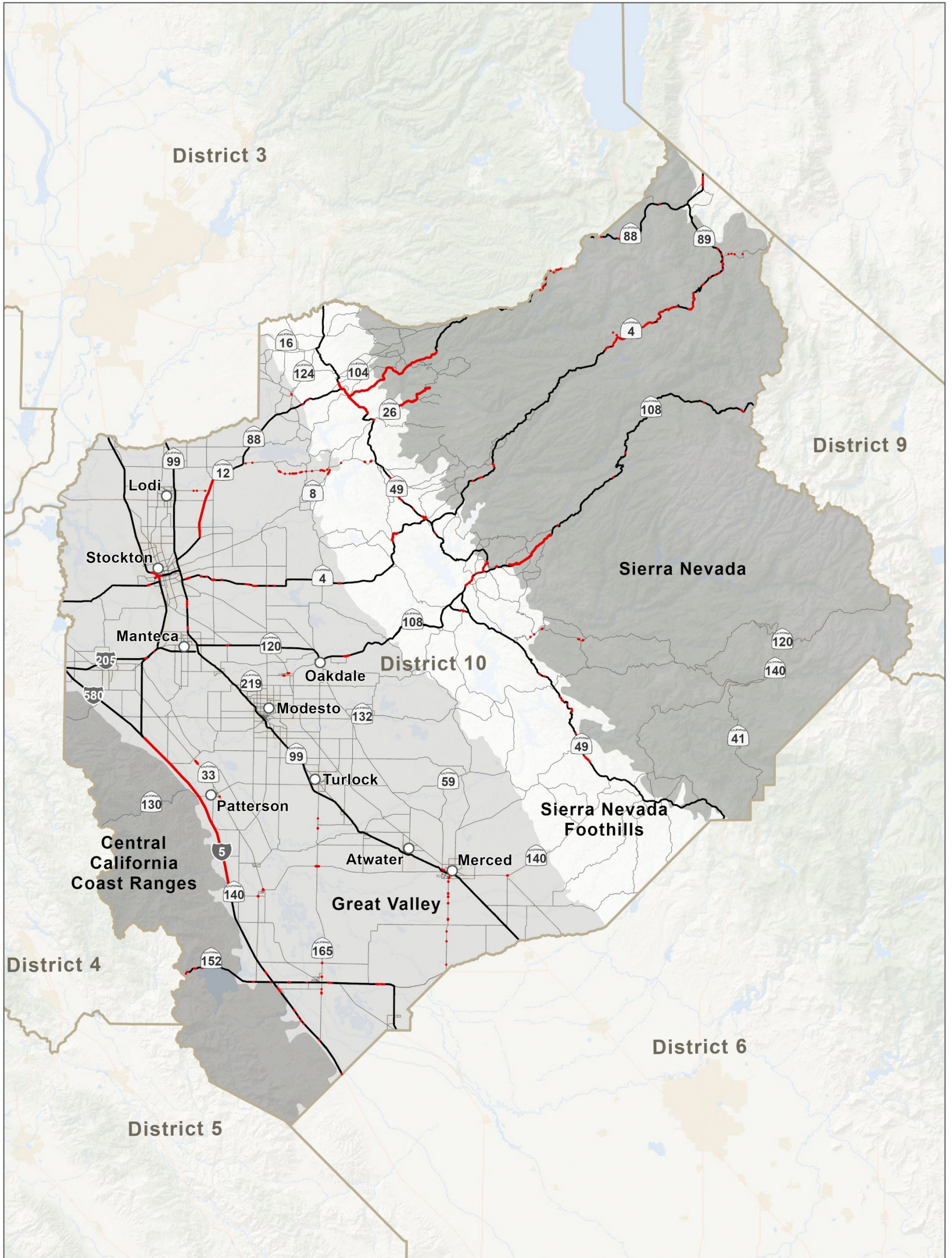
Caltrans District 10 - Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC 8	Footprint in HUC8 (Acres)
11366	AMA	88	5.5	14.3	Pavement	2023/24	Sierra Nevada Foothills	0.23	Upper Mokelumne	0.23
13450	CAL	26	21.8	30.3	Sustainability/Climate Change	2023/24	Sierra Nevada	23.51	Upper Calaveras California	6.14
									Upper Mokelumne	17.38
							Sierra Nevada Foothills	7.21	Upper Calaveras California	5.70
									Upper Mokelumne	1.51
13765	STA	108	36.8	38.2	Mobility - ADA	2027/28	Great Valley	0.04	Upper Stanislaus	0.04
13804	CAL	12	17.1	17.6	Bridge - Health	2023/24	Sierra Nevada Foothills	1.93	Upper Calaveras California	1.93
17357	ALP	4	26.77	31.24	Drainage	2024/25	Mono	0.71	Upper Carson	1.77
							Sierra Nevada	1.06		
17507	CAL	26	14.52	R39.8	Drainage	2023/24	Great Valley	0.45	Upper Calaveras California	0.45
							Sierra Nevada	0.69	Upper Stanislaus	0.18
									Upper Tuolumne	0.51
							Sierra Nevada Foothills	0.21	Upper Calaveras California	0.00
									Upper Stanislaus	0.06
18104	CAL	4	12.64	37.4	Drainage	2023/24	Sierra Nevada	0.46	Upper Calaveras California	0.24
									Upper Stanislaus	0.22
							Sierra Nevada Foothills	1.03	Upper Calaveras California	0.53
									Upper Stanislaus	0.03
									Upper Tuolumne	0.47
18329	SJ	4	19.75	38.059	Pavement	2023/24	Great Valley	1.05	Rock Creek-French Camp Slough	1.05
18330	MER	152	18.5	23	Pavement	2025/26	Great Valley	0.38	Middle San Joaquin-Lower Chowchilla	0.38
18336	CAL	4	8.5	R21.3	Mobility - Operational Improvements	2025/26	Sierra Nevada Foothills	9.53	Upper Calaveras California	7.92
									Upper Stanislaus	1.61
18337	MER	140	16	16.5	Mobility - Operational Improvements	2024/25	Great Valley	4.67	Middle San Joaquin-Lower Chowchilla	4.67
18344	ALP	4	R0.0	31.677	Pavement	2023/24	Sierra Nevada	2.05	Upper Carson	0.42
									Upper Mokelumne	0.37
									Upper Stanislaus	1.26
18779	SJ	4	14.2	14.2	Bridge - Health	2025/26	Great Valley	2.22	San Joaquin Delta	2.22
18780	MER	59	14.1	16.3	Pavement	2025/26	Great Valley	0.95	Middle San Joaquin-Lower Chowchilla	0.95
18789	MER	5	11.73	32.39	Mobility - Operational Improvements	2023/24	Great Valley	6.15	Middle San Joaquin-Lower Chowchilla	6.15
							Central California Coast Ranges	0.32	Middle San Joaquin-Lower Chowchilla	1.57
19002	MER	5	0	32.477	Pavement	2027/28	Great Valley	1.24		
19003	AMA	88	R54.7	R60.8	Drainage	2023/24	Sierra Nevada	0.67	Upper Mokelumne	0.67
							Great Valley	0.36	Upper Mokelumne	29.18
19026	AMA	49	0	R7.000	Pavement	2030/31	Sierra Nevada Foothills	28.81		
19027	SJ	12	M5.0	27.642	Pavement	2030/31	Great Valley	0.35	San Joaquin Delta	0.29
									Upper Mokelumne	0.05
19038	MER	59	R0.0	12.1	Pavement	2023/24	Great Valley	5.00	Middle San Joaquin-Lower Chowchilla	5.00
21300	STA	4	7.28	7.28	Bridge	2026/27	Great Valley	1.93	Rock Creek-French Camp Slough	1.93
21524	MER	152	23	R40.949	Pavement	2031/32	Great Valley	0.67	Middle San Joaquin-Lower Chowchilla	0.67
21562	MER	59	13.6	13.6	Reactive Safety	2023/24	Great Valley	0.95	Middle San Joaquin-Lower Chowchilla	0.95
							Sierra Nevada Foothills	0.99	Upper Calaveras California	0.05
21691	CAL	26	18.1	18.1	Reactive Safety	2023/24	Sierra Nevada Foothills	0.99	Upper Mokelumne	0.94
									Lower San Joaquin River	113.71
21912	STA	5	0	28.055	Pavement	2028/29	Great Valley	138.04	Middle San Joaquin-Lower Chowchilla	24.34
									Upper Carson	0.11
									Upper Mokelumne	0.24
21933	ALP	4	0.38	30.37	Drainage	2026/27	Sierra Nevada	1.03	Upper Stanislaus	0.68
									San Joaquin Delta	7.54
									Upper Mokelumne	0.24
22176	SJ	5	25.6	28	Bridge - Health	2025/26	Great Valley	7.54	San Joaquin Delta	7.54
22177	SJ	5	25.6	28	Bridge - Health	2026/27	Great Valley	5.93	San Joaquin Delta	5.93
22193	MER	165	32.9	32.9	Reactive Safety	2023/24	Great Valley	0.37	Lower San Joaquin River	0.37
22250	SJ	4	20.5	20.9	Reactive Safety	2023/24	Great Valley	1.84	Rock Creek-French Camp Slough	1.84
22370	TUO	108	R4.2	13.4	Pavement	2027/28	Sierra Nevada	44.61	Upper Tuolumne	44.61
22376	MER	140	43.7	43.7	Reactive Safety	2023/24	Great Valley	0.98	Middle San Joaquin-Lower Chowchilla	0.98

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 HUC8 (Acres)
22548	SJ	88	5.1	16.4	Pavement	2023/24	Great Valley	42.55	San Joaquin Delta	28.31
									Upper Calaveras California	3.73
									Upper Mokelumne	10.51
22887	STA	120	8.94	9.54	Reactive Safety	2025/26	Great Valley	2.59	Upper Stanislaus	2.59
22888	STA	33	18.6	19.2	Reactive Safety	2025/26	Great Valley	2.26	Lower San Joaquin River	2.26
22913	MER	152	R0.0	18.88	Pavement	2029/30	Central California Coast Ranges	1.06	Middle San Joaquin-Lower Chowchilla	1.27
							Great Valley	0.20		
22981	TUO	49	12.8	18.8	Pavement	2028/29	Sierra Nevada	2.18	Upper Tuolumne	6.07
							Sierra Nevada Foothills	3.90		
22984	MER	165	7	12.14	Pavement	2027/28	Great Valley	1.89	Middle San Joaquin-Lower Chowchilla	1.89
22987	STA	108	30	36.8	Pavement	2029/30	Great Valley	0.54	Upper Stanislaus	0.54
22988	AMA	88	14.3	32.3	Pavement	2029/30	Sierra Nevada	44.05	Upper Mokelumne	66.50
							Sierra Nevada Foothills	22.44		
22989	ALP	88	0	8	Pavement	2030/31	Sierra Nevada	0.13	South Fork American	0.13
22990	CAL	12	12	18.2	Pavement	2032/33	Great Valley	0.84	San Joaquin Delta	0.75
									Upper Calaveras California	0.09
							Sierra Nevada Foothills	0.23	Upper Calaveras California	0.23
22991	MPA	49	27	48.835	Pavement	2027/28	Sierra Nevada Foothills	1.63	Middle San Joaquin-Lower Chowchilla	0.70
									Upper Merced	0.93
23260	MER	165	32.87	34.44	Bicycle and Pedestrian Infrastructure	2027/28	Great Valley	0.12	Lower San Joaquin River	0.12
23596	MER	152	16.235	16.235	Reactive Safety	2026/27	Great Valley	1.60	Middle San Joaquin-Lower Chowchilla	1.60
23597	SJ	120	10.82	10.82	Reactive Safety	2025/26	Great Valley	0.97	Rock Creek-French Camp Slough	0.97
23611	TUO	120	14.6	14.8	Bridge - Health	2029/30	Sierra Nevada Foothills	1.87	Upper Tuolumne	1.87
23712	STA	33	12.571	12.571	Reactive Safety	2025/26	Great Valley	0.95	Lower San Joaquin River	0.95
23776	MER	165	9.632	9.632	Reactive Safety	2027/28	Great Valley	0.98	Middle San Joaquin-Lower Chowchilla	0.98
23895	SJ	4	R24.66	25.07	Reactive Safety	2026/27	Great Valley	4.32	Rock Creek-French Camp Slough	4.32
24071	CAL	4	13.7	15.7	Reactive Safety	2027/28	Sierra Nevada Foothills	6.86	Upper Calaveras California	4.04
									Upper Stanislaus	2.82
25077	SJ	99	5.3	14	Pavement	2030/31	Great Valley	0.76	Rock Creek-French Camp Slough	0.62
									San Joaquin Delta	0.15
25204	SJ	5	R14.23	26	Pavement	2031/32	Great Valley	0.35	San Joaquin Delta	0.35
25206	SJ	88	9.34	9.34	Bridge - Health	2031/32	Great Valley	5.96	San Joaquin Delta	5.96

Caltrans District 10 - Ecoregion Sections with Potential Transportation Projects



- City
- Highway
- Major Road

- District 10 Transportation Project
- Caltrans District

ECOREGION SECTIONS WITH POTENTIAL TRANSPORTATION PROJECTS FOR CALTRANS DISTRICT 10

Ecoregion Section Impact by Species

Special Status Species Acronym Key

District 10

FE = Federally Endangered

FT = Federally Threatened

SE = State Endangered

ST = State Threatened

FCT = Federal Candidate Threatened

FCE = Federal Candidate Endangered

SCT = State Candidate Threatened

SCE = State Candidate Endangered

SFP = State Fully Protected Species

SSC = State Species of Concern

SR = State Rare Species

FS = Federal Sensitive Species (includes USFS sensitive and/or BLM Sensitive)

SFS = State Fire Sensitive

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Common Name	Species Name	Status	Annual Grassland	Blue Oak Woodland	Chamise-Redshank Chaparral	Deciduous Orchard; Evergreen Orchard; Vineyard; Irrigated Row and Field Crops	Montane Hardwood
		Total:	0.51	0.01	0.05	0.12	0.05
Amphibians							
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	0.51	0.01	0.00	0.00	0.05
California Tiger Salamander - Central California DPS	<i>Ambystoma californiense pop. 1</i>	FT,ST	0.51	0.01	0.00	0.00	0.00
Foothill Yellow Legged Frog - Central Coast DPS	<i>Rana boylei</i>	FT, SE, FS	0.51	0.01	0.05	0.00	0.05
Western Spadefoot	<i>Spea hammondi</i>	FCT,FS,SSC	0.45	0.01	0.00	0.12	0.00
Birds							
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	SFS	0.46	0.00	0.05	0.00	0.05
California Condor	<i>Gymnogyps californianus</i>	FE,SE,SFP,SFS	0.51	0.01	0.05	0.00	0.05
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	0.51	0.01	0.05	0.00	0.05
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	0.51	0.00	0.00	0.00	0.00
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.51	0.01	0.05	0.12	0.05
Long-Eared Owl	<i>Asio otus</i>	SSC	0.51	0.01	0.05	0.00	0.05
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.05	0.01	0.00	0.12	0.00
Olive-Sided Flycatcher	<i>Contopus cooperi</i>	SSC	0.00	0.00	0.05	0.00	0.05
Oregon Vesper Sparrow	<i>Poocetes gramineus affinis</i>	SSC	0.02	0.00	0.00	0.00	0.00
Short-Eared Owl	<i>Asio flammeus</i>	SSC	0.51	0.01	0.05	0.12	0.00
Swainson's Hawk	<i>Buteo swainsoni</i>	FS,ST	0.05	0.01	0.00	0.00	0.00
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	0.51	0.00	0.00	0.12	0.00
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	0.51	0.01	0.05	0.12	0.00
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.01	0.05	0.12	0.05
Mammals							
American Badger	<i>Taxidea taxus</i>	SSC	0.51	0.01	0.05	0.12	0.05
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	0.49	0.01	0.05	0.00	0.05
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.51	0.01	0.05	0.12	0.05
San Joaquin Kit Fox	<i>Vulpes macrotis mutica</i>	FE,ST	0.51	0.01	0.00	0.00	0.00
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.51	0.01	0.05	0.12	0.05
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	0.51	0.01	0.05	0.12	0.05
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	0.51	0.01	0.05	0.00	0.05
Reptiles							
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS,SSC	0.51	0.01	0.05	0.12	0.00
Blunt-Nosed Leopard Lizard	<i>Gambelia sila</i>	FE,SE,SFP	0.02	0.00	0.00	0.00	0.00
California Glossy Snake	<i>Arizona elegans occidentalis</i>	SSC	0.51	0.01	0.05	0.00	0.00
California Legless Lizard	<i>Anniella spp.</i>	SSC	0.00	0.01	0.05	0.00	0.00
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	0.51	0.01	0.05	0.00	0.05
San Joaquin Coachwhip	<i>Masticophis flagellum ruddocki</i>	SSC	0.51	0.01	0.05	0.00	0.00
Plants							
Adobe Sanicle	<i>Sanicula maritima</i>	FS,SR	0.08	0.00	0.05	0.00	0.00
Boggs Lake Hedge-Hyssop	<i>Gratiola heterosepala</i>	FS,SE	0.35	0.00	0.00	0.00	0.00
Dudley's Lousewort	<i>Pedicularis dudleyi</i>	FS,SR	0.08	0.00	0.05	0.00	0.05
Dwarf Goldenstar	<i>Bloomeria humilis</i>	FS,SR	0.07	0.00	0.00	0.00	0.00
Humboldt County Milk-Vetch	<i>Astragalus agnicidus</i>	FS,SE	0.00	0.00	0.00	0.00	0.05
Indian Valley Brodiaea	<i>Brodiaea rosea</i>	FS,SE	0.35	0.01	0.00	0.00	0.00
Lime Ridge Eriastrum	<i>Eriastrum ertterae</i>	SE	0.00	0.00	0.05	0.00	0.00
Mason's Ceanothus	<i>Ceanothus masonii</i>	SR	0.00	0.00	0.05	0.00	0.00
Mt. Diablo Bird's-Beak	<i>Cordylanthus nidularius</i>	SR	0.00	0.00	0.05	0.00	0.00
North Coast Semaphore Grass	<i>Pleuropogon hooverianus</i>	FS,ST	0.00	0.00	0.00	0.00	0.05
Rock Sanicle	<i>Sanicula saxatilis</i>	FS,SR	0.08	0.00	0.05	0.00	0.05
Roderick's Fritillary	<i>Fritillaria roderickii</i>	SE	0.15	0.00	0.00	0.00	0.00
San Francisco Popcornflower	<i>Plagiobothrys diffusus</i>	SE	0.08	0.00	0.00	0.00	0.00
Invertebrate							
Crotch's Bumble Bee	<i>Bombus crotchii</i>	SCE	0.51	0.01	0.05	0.12	0.05
Vernal Pool Fairy Shrimp	<i>Branchinecta lynchi</i>	FT	0.05	0.00	0.00	0.00	0.00
Vernal Pool Tadpole Shrimp	<i>Lepidurus packardii</i>	FE	0.05	0.00	0.00	0.00	0.00

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Annual Grassland; Alkali Desert Scrub	Blue Oak-Foothill Pine; Blue Oak Woodland	Cropland; Orchard-Vineyard	Deciduous Orchard; Evergreen Orchard; Vineyard; Irrigated Row and Field Crops	Eucalyptus	Fresh Emergent Wetland	Lacustrine; Riverine	Montane Hardwood	Riverine; Lacustrine	Valley Foothill Riparian	Valley Foothill Riparian; Desert Riparian	
Total:			0.09	12.96	0.91	0.83	20.90	21.68	0.19	0.05	0.29	0.11	1.12	0.62	0.06	
Amphibians																
California Tiger Salamander - Central California DPS	<i>Ambystoma californiense pop. 1</i>	FT,ST	0.00	12.96	0.91	0.83	0.00	0.00	0.19	0.05	0.29	0.00	1.12	0.62	0.06	
Foothill Yellow Legged Frog - Central Coast DPS	<i>Rana boylei</i>	FT, SE, FS	0.00	2.96	0.00	0.00	0.00	0.00	0.07	0.00	0.11	0.00	0.00	0.03	0.00	
Foothill Yellow Legged Frog - South Sierra DPS	<i>Rana boylei</i>	FE, SE, FS	0.00	10.01	0.91	0.83	0.00	0.00	0.13	0.00	0.18	0.11	1.12	0.59	0.06	
Western Spadefoot	<i>Spea hammondi</i>	FCT,FS,SSC	0.09	12.96	0.91	0.83	0.00	21.68	0.19	0.05	0.29	0.00	1.12	0.00	0.00	
Birds																
American White Pelican	<i>Pelecanus erythrorhynchos</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	1.12	0.00	0.00	
Black Tern	<i>Chlidonias niger</i>	SSC	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	
Burrowing Owl	<i>Athene cunicularia</i>	FS,SCE,SSC	0.09	12.96	0.91	0.83	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.62	0.06	
California Black Rail	<i>Laterallus jamaicensis coturniculus</i>	FS,SFP,ST	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	
California Condor	<i>Gymnogyps californianus</i>	FE,SE,SFP,SFS	0.00	5.50	0.04	0.00	0.00	0.00	0.07	0.00	0.29	0.00	0.00	0.00	0.00	
Grasshopper Sparrow	<i>Ammodramus savaannarum</i>	SSC	0.00	12.96	0.91	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	
Little Willow Flycatcher	<i>Empidonax traillii brewsteri</i>	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.62	0.06	
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.09	12.96	0.91	0.83	0.00	21.68	0.19	0.00	0.00	0.11	0.00	0.62	0.06	
Long-Eared Owl	<i>Asio otus</i>	SSC	0.00	3.61	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.06	0.00	
Modesto Song Sparrow	<i>Melospiza melodia pop. 1</i>	SSC	0.00	9.77	0.00	0.83	0.00	15.44	0.19	0.05	0.00	0.11	1.12	0.42	0.00	
Mountain Plover	<i>Anarhynchus montanus</i>	FS,SSC	0.00	7.82	0.04	0.00	0.00	5.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.09	12.96	0.91	0.83	0.00	21.68	0.19	0.05	0.29	0.11	1.12	0.62	0.06	
Oregon Vesper Sparrow	<i>Poocetes gramineus affinis</i>	SSC	0.00	3.98	0.04	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Redhead	<i>Aythya americana</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.29	0.00	1.12	0.00	0.00	
Short-Eared Owl	<i>Asio flammeus</i>	SSC	0.09	0.22	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Swainson's Hawk	<i>Buteo swainsoni</i>	FS,ST	0.00	12.96	0.91	0.83	0.00	0.00	0.19	0.00	0.00	0.11	0.00	0.62	0.06	
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	0.00	12.96	0.91	0.00	0.00	21.68	0.19	0.05	0.00	0.00	0.00	0.62	0.06	
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	0.09	12.96	0.91	0.83	0.00	21.68	0.19	0.05	0.00	0.00	0.00	0.62	0.06	
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.62	0.06	
Yellow-Headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	SSC	0.00	12.96	0.91	0.00	0.00	0.00	0.00	0.05	0.29	0.00	1.12	0.00	0.00	
Mammals																
American Badger	<i>Taxidea taxus</i>	SSC	0.09	12.96	0.91	0.83	0.00	21.68	0.19	0.00	0.00	0.11	0.00	0.62	0.06	
Giant Kangaroo Rat	<i>Dipodomys ingens</i>	FE,SE	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	
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	0.00	4.98	0.00	0.00	0.00	1.78	0.03	0.00	0.00	0.00	0.00	0.00	0.00	
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.09	12.96	0.91	0.83	0.00	21.68	0.19	0.00	0.29	0.11	1.12	0.62	0.06	
Riparian Brush Rabbit	<i>Sylvilagus bachmani riparius</i>	FE,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	
San Joaquin Kill Fox	<i>Vulpes macrotis muica</i>	FE,ST	0.09	5.87	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.06	
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.09	12.96	0.91	0.83	0.00	21.68	0.19	0.00	0.29	0.11	1.12	0.62	0.06	
Tulare Grasshopper Mouse	<i>Onychomys torridus tularensis</i>	FS,SSC	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	0.09	6.30	0.00	0.30	0.00	7.70	0.07	0.00	0.00	0.11	0.00	0.25	0.06	
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	0.00	12.96	0.91	0.83	0.00	0.00	0.19	0.05	0.29	0.11	1.12	0.62	0.06	
Reptiles																
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS,SSC	0.09	12.96	0.91	0.83	0.00	21.68	0.19	0.00	0.00	0.00	0.00	0.62	0.06	
Blunt-Nosed Leopard Lizard	<i>Gambelia sila</i>	FE,SE,SFP	0.09	0.22	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	<i>Anniella spp.</i>	SSC	0.00	0.00	0.00	0.83	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.62	0.06	
Giant Gartersnake	<i>Thamnophis gigas</i>	FT,ST	0.00	12.96	0.91	0.00	0.00	0.00	0.00	0.05	0.29	0.00	1.12	0.62	0.06	
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	0.00	12.96	0.91	0.83	0.00	0.00	0.19	0.05	0.29	0.11	1.12	0.62	0.06	
San Joaquin Coachwhip	<i>Masticophis flagellum ruddocki</i>	SSC	0.09	4.21	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.03	0.00	
Invertebrates																
Conservancy Fairy Shrimp	<i>Branchinecta conservatio</i>	FE	0.00	1.87	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Crotch's Bumble Bee	<i>Bombus crotchii</i>	SCE	0.09	12.96	0.91	0.83	20.90	21.68	0.19	0.05	0.29	0.11	1.12	0.62	0.06	
Valley Elderberry Longhorn Beetle	<i>Desmocerus californicus dimorphus</i>	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.06	
Vernal Pool Fairy Shrimp	<i>Branchinecta lynchi</i>	FT	0.00	12.76	0.05	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	
Vernal Pool Tadpole Shrimp	<i>Lepidurus packardii</i>	FE	0.00	12.73	0.05	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	
Plants																
Bakersfield Smallscale	<i>Atriplex tularensis</i>	SE	0.09	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Boggs Lake Hedge-Hyssop	<i>Gratiola heterosepala</i>	FS,SE	0.00	12.96	0.91	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.62	0.06	
Colusa Grass	<i>Neostapfia colusana</i>	FT,SE	0.00	2.22	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Delta Button-Celery	<i>Eryngium racemosum</i>	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.06	
Indian Valley Brodiaea	<i>Brodiaea rosea</i>	FS,SE	0.00	12.96	0.91	0.83	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	
Ione Manzanita	<i>Arctostaphylos myrtifolia</i>	FT	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	
Livermore Tarplant	<i>Deinandra baccigalupii</i>	SE	0.09	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Mason's Lilaopsis	<i>Lilaopsis masonii</i>	SR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.62	0.06	
Palmate-Bracted Bird's-Beak	<i>Chloropyron palmatum</i>	FE,SE	0.00	2.94	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	<i>Castilleja campestris var. succulenta</i>	FT,SE	0.00	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

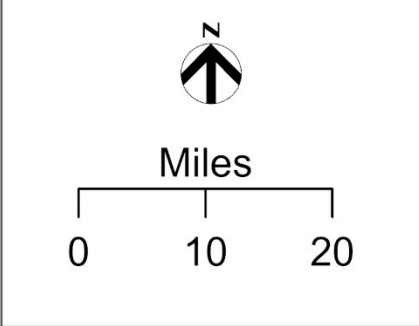
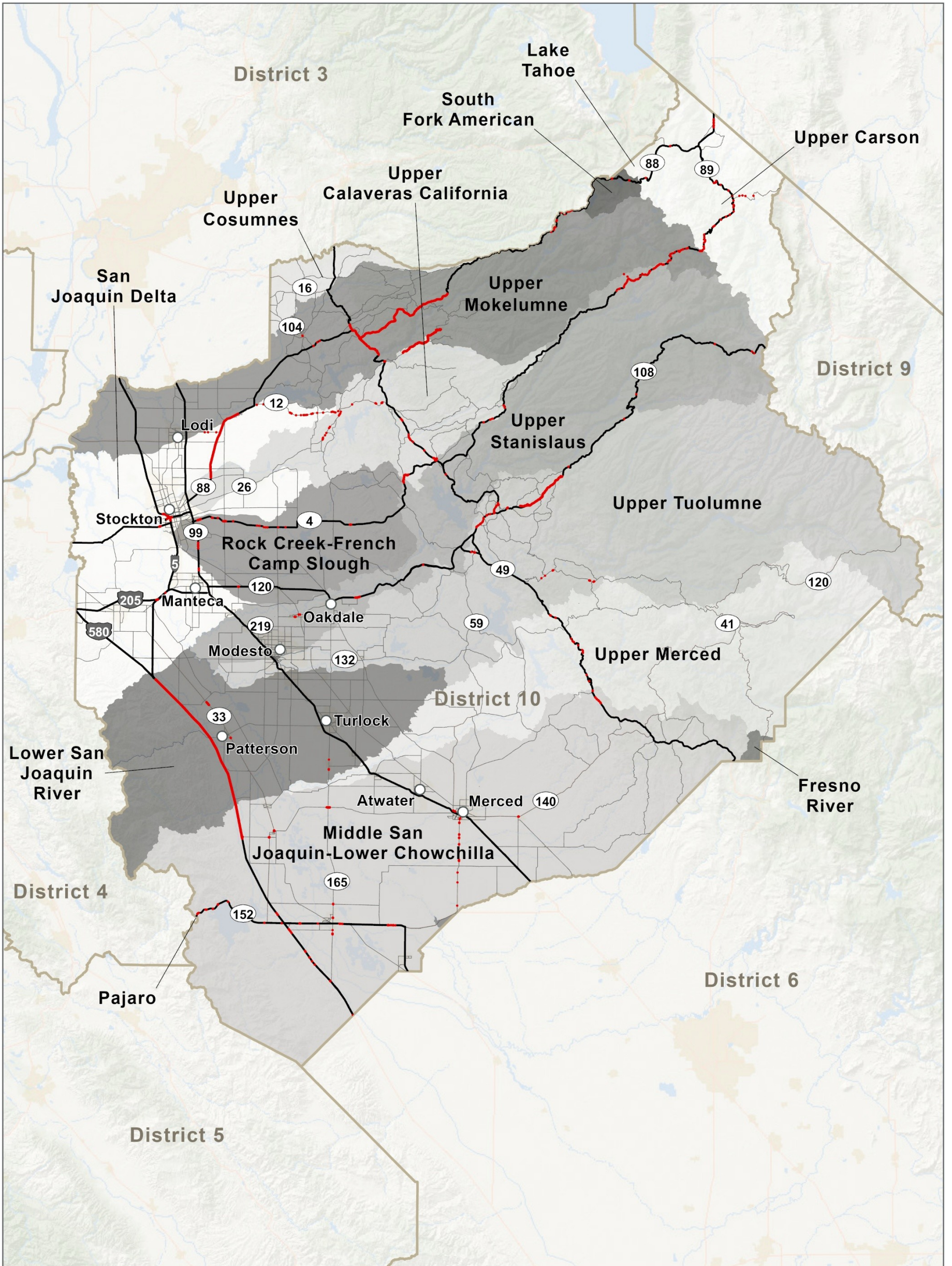
District 10 Mono Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Perennial Grassland	Wet Meadow
		Total:	0.14	0.10
Amphibians				
Northern Leopard Frog	<i>Lithobates pipiens</i>	SSC	0.00	0.10
Birds				
Bald Eagle	<i>Haliaeetus leucocephalus</i>	FS,SE,SFP,SFS	0.14	0.10
Black Swift	<i>Cypseloides niger</i>	SSC	0.05	0.10
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	0.14	0.10
Great Gray Owl	<i>Strix nebulosa</i>	FS,SE,SFS	0.00	0.10
Greater Sage-Grouse	<i>Centrocercus urophasianus</i>	FCT,FS,SCE,SSC	0.00	0.10
Greater Sandhill Crane	<i>Antigone canadensis tabida</i>	FS,SFP,ST	0.00	0.10
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.14	0.10
Long-Eared Owl	<i>Asio otus</i>	SSC	0.14	0.10
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.14	0.10
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.10
Yellow-Headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	SSC	0.14	0.10
Mammals				
American Badger	<i>Taxidea taxus</i>	SSC	0.14	0.10
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.14	0.10
Spotted Bat	<i>Euderma maculatum</i>	FS,SSC	0.14	0.10
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.14	0.10
Western White-Tailed Jackrabbit	<i>Lepus townsendii townsendii</i>	SSC	0.14	0.10
Plants				
Owens Valley Checkerbloom	<i>Sidalcea covillei</i>	FS,SE	0.00	0.10
Invertebrate				
Carson Wandering Skipper	<i>Pseudocopaedes eunus obscurus</i>	FE	0.14	0.00

Common Name	Species Name	Status	Annual Grassland	Blue Oak Woodland	Blue Oak-Foothill Pine; Blue Oak Woodland	Chamise-Redshank Chaparral	Fresh Emergent Wetland	Mixed Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Pasture	Riverine	Valley Foothill Riparian	Valley Oak Woodland
Total:			18.25	8.23	15.34	0.20	0.00	0.08	0.90	0.00	0.07	0.20	1.95	7.25
Amphibians														
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	18.23	8.23	15.34	0.00	0.00	0.08	0.90	0.00	0.00	0.20	1.95	7.25
California Tiger Salamander - Central California DPS	<i>Ambystoma californiense pop. 1</i>	FT,ST	13.86	7.47	9.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.18	3.55
Foothill Yellow Legged Frog - South Sierra DPS	<i>Rana boylei</i>	FE, SE, FS	18.25	8.23	15.34	0.20	0.00	0.08	0.90	0.00	0.00	0.20	1.95	7.25
Limestone Salamander	<i>Hydromantes brunus</i>	FS,SFP,ST	0.00	0.08	0.17	0.17	0.00	0.08	0.00	0.00	0.00	0.00	0.11	0.00
Western Spadefoot	<i>Spea hammondi</i>	FCT,FS,SSC	1.42	0.06	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00
Birds														
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	SFS	0.04	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
Bald Eagle	<i>Haliaeetus leucocephalus</i>	FS,SE,SFP,SFS	18.23	8.23	15.34	0.20	0.00	0.08	0.90	0.00	0.00	0.20	1.95	7.25
Burrowing Owl	<i>Athene cunicularia</i>	FS,SCE,SSC	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California Spotted Owl	<i>Strix occidentalis occidentalis</i>	FS,SSC	0.00	0.00	14.56	0.00	0.00	0.00	0.90	0.00	0.00	0.00	1.74	0.00
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	18.23	8.23	15.34	0.20	0.00	0.08	0.90	0.00	0.07	0.00	1.95	7.25
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	18.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Little Willow Flycatcher	<i>Empidonax traillii brewsteri</i>	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	18.21	8.23	15.34	0.20	0.00	0.08	0.87	0.00	0.00	0.00	1.95	7.25
Long-Eared Owl	<i>Asio otus</i>	SSC	18.23	8.23	15.34	0.20	0.00	0.08	0.90	0.00	0.07	0.00	1.95	7.25
Modesto Song Sparrow	<i>Melospiza melodia pop. 1</i>	SSC	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Northern Goshawk	<i>Accipiter gentilis</i>	FS, SSC, SFS	0.00	0.00	2.75	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.01	1.74
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.02	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	<i>Contopus cooperi</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
Oregon Vesper Sparrow	<i>Pooecetes gramineus affinis</i>	SSC	18.21	8.23	15.34	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	7.25
Purple Martin	<i>Progne subis</i>	SSC	0.35	0.62	0.48	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.18	0.00
Swainson's Hawk	<i>Buteo swainsoni</i>	FS,ST	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	18.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.95	0.00
Vaux's Swift	<i>Chaetura vauxi</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	18.21	8.23	15.34	0.20	0.00	0.08	0.00	0.00	0.00	0.00	1.95	7.25
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.95	0.00
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	8.23	15.34	0.20	0.00	0.08	0.90	0.00	0.00	0.00	1.95	7.25
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.95	0.00
Yellow-Headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	SSC	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals														
American Badger	<i>Taxidea taxus</i>	SSC	18.25	8.23	15.34	0.20	0.00	0.08	0.90	0.00	0.07	0.00	1.95	7.25
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	18.25	8.23	15.34	0.20	0.00	0.08	0.90	0.00	0.07	0.20	1.95	7.25
San Joaquin Kit Fox	<i>Vulpes macrotis mutica</i>	FE,ST	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spotted Bat	<i>Eudermis maculatum</i>	FS,SSC	18.02	8.20	15.34	0.00	0.00	0.00	0.00	0.00	0.00	0.20	1.89	7.25
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	18.25	8.23	15.34	0.20	0.00	0.08	0.90	0.00	0.07	0.20	1.95	7.25
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	18.25	8.23	15.34	0.20	0.00	0.08	0.90	0.00	0.07	0.00	1.95	7.25
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	18.25	8.23	15.34	0.20	0.00	0.08	0.90	0.00	0.07	0.20	1.95	7.25
Reptiles														
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS,SSC	18.21	8.23	15.34	0.20	0.00	0.08	0.00	0.00	0.00	0.00	1.95	7.25
California Legless Lizard	<i>Anniella spp.</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Giant Gartersnake	<i>Thamnophis gigas</i>	FT,ST	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Northwestern Pond Turtle	<i>Actinemys marmorata</i>	FCT,FS,SSC	18.25	8.23	15.34	0.20	0.00	0.08	0.90	0.00	0.07	0.20	1.95	7.25
Invertebrates														
Conservancy Fairy Shrimp	<i>Branchinecta conservatio</i>	FE	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crotch's Bumble Bee	<i>Bombus crotchii</i>	SCE	18.25	8.23	15.34	0.20	0.00	0.08	0.90	0.00	0.07	0.20	1.95	7.25
Valley Elderberry Longhorn Beetle	<i>Desmocerus californicus dimorphus</i>	FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.00
Vernal Pool Fairy Shrimp	<i>Branchinecta lynchi</i>	FT	2.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants														
Boggs Lake Hedge-Hyssop	<i>Gratiola heterosepala</i>	FS,SE	18.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.95	0.00
Chinese Camp Brodiaea	<i>Brodiaea pallida</i>	FT,SE	1.85	0.03	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.86
Congdon's Lewisia	<i>Lewisia congdonii</i>	FS,SR	2.28	0.65	0.84	0.20	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.86
Congdon's Woolly Sunflower	<i>Eriophyllum congdonii</i>	FS,SR	2.28	0.65	0.84	0.20	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.86
Delta Button-Celery	<i>Eryngium racemosum</i>	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.45	0.00
Indian Valley Brodiaea	<i>Brodiaea rosea</i>	FS,SE	15.97	7.58	14.50	0.00	0.00	0.01	0.90	0.00	0.00	0.00	0.00	6.39
Ione Manzanita	<i>Arctostaphylos myrtifolia</i>	FT	0.00	3.92	12.87	0.00	0.00	0.01	0.87	0.00	0.00	0.00	0.00	3.34
Layne's Ragwort	<i>Packera layneae</i>	FT,SR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65
Mariposa Lupine	<i>Lupinus citrinus var. deflexus</i>	FS,ST	0.00	0.65	0.84	0.20	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.86
Merced Clarkia	<i>Clarkia lingulata</i>	FS,SE	0.00	0.65	0.84	0.20	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.86
Red Hills Vervain	<i>Verbena californica</i>	FT,ST	1.91	0.03	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.86
Scadden Flat Checkerbloom	<i>Sidalcea stipularis</i>	SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.45	0.00
Tompkins' Sedge	<i>Carex tompkinsii</i>	SR	0.00	0.65	0.84	0.20	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.86
Tree-Anemone	<i>Carpenteria californica</i>	FS,ST	0.00	0.65	0.84	0.20	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.86
Yosemite Onion	<i>Allium yosemitense</i>	FS,SR	0.00	0.65	0.84	0.20	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.86

Common Name	Species Name	Status	Annual Grassland	Barren	Blitterbrush	Blue Oak Woodland	Blue Oak-Foothill Pines	Blue Oak-Foothill Woodland	Blue Oak-Foothill Woodland	Chamisa-Redbank Chaparral	Douglas Fir	Eastside Pine	Jeffrey Pine	Juniper	Lacustrine	Lodgepole Pine	Low Sage	Mixed Chaparral	Montane Chaparral	Montane Hardwood	Montane Hardwood Conifer	Montane Riparian	Perennial Grassland	Pinyon-Jumper	Ponderosa Pine	Red Fir	Sagebrush	Sierra Mixed Conifer	Subalpine Conifer	Wet Meadow	
																															Total
Amphibians																															
California Red-Legged Frog	<i>Rana draytoni</i>	FT SSC	17.35	0.00	0.00	0.00	1.91	0.00	0.02	1.14	4.65	0.00	0.00	0.00	0.00	0.00	0.00	2.52	0.00	18.61	17.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Foothill Yellow-Legged Frog - South Sierra DPS	<i>Rana boylei</i>	FE SE FS	17.42	0.00	0.00	0.00	1.91	0.00	0.02	1.14	4.65	0.00	0.00	0.00	0.00	0.00	0.00	2.52	0.00	18.61	17.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Northern Leveed Frog	<i>Rana sierrae</i>	FS SSC	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	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	
Sierra Nevada Yellow-Legged Frog	<i>Rana sierrae</i>	FE FS ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	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	0.00	
Northern Long-Toed Salamander	<i>Amphytoma macrodactylum scottianum</i>	SSC	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	0.33	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	0.00	
Yosemite Toad	<i>Ambystoma calycatum</i>	FS FT SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	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	0.00	
Birds																															
American Phoebe Falcon	<i>Falco mexicanus anatum</i>	SFS	17.42	1.35	0.04	1.01	0.00	0.02	1.14	4.65	0.07	0.19	0.00	0.00	0.03	0.33	0.09	2.52	0.46	18.61	17.98	0.32	0.12	0.05	17.95	1.21	0.38	2.05	0.06	0.09	
Red-Eared Owl	<i>Haliaeetus leucorhynchus</i>	FS SE SEP SFS	16.96	1.09	0.00	1.01	0.00	0.02	1.14	1.53	0.00	0.00	0.00	0.00	0.14	0.00	0.00	2.52	0.46	18.61	17.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Black Swift	<i>Cypseloides niger</i>	SSC	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	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	
California Screech Owl	<i>Strix occidentalis occidentalis</i>	FS SSC	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	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Golden Eagle	<i>Accipiter gryphus</i>	FS SEP SFS	17.42	1.35	0.04	1.01	0.00	0.02	1.14	4.65	0.07	0.19	0.00	0.00	0.03	0.33	0.09	2.52	0.46	18.61	17.98	0.32	0.12	0.05	17.95	1.21	0.38	2.05	0.06	0.09	
Great Gray Owl	<i>Strix nebulosa</i>	FS SE SFS	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	0.33	0.09	2.52	0.46	18.61	17.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Greater Sage-Grouse	<i>Coturnix coturnix</i>	FS FT SSC SSC	0.00	0.11	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Greater Sandhill Crane	<i>Antelope canadensis tabida</i>	FS SFP 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	0.00	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	0.00	
Lutescent Shrike	<i>Lanius ludovicianus</i>	SSC	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	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	
Long-Eared Owl	<i>Asio otus</i>	SSC	17.42	0.00	0.04	1.01	0.00	0.02	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.52	0.46	18.61	17.98	0.32	0.12	0.05	17.95	0.00	0.38	2.05	0.06	0.09	
Northern Goshawk	<i>Accipiter gentilis</i>	FS SSC SFS	0.00	0.00	0.04	0.00	0.00	0.02	0.31	4.65	0.07	0.19	0.00	0.00	0.00	0.33	0.09	1.68	0.46	10.47	16.20	0.32	0.00	0.05	17.94	1.21	0.38	2.05	0.06	0.09	
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.00	0.21	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	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	<i>Coturnix coturnix</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14	4.65	0.07	0.19	0.00	0.00	0.00	0.00	0.00	2.52	0.46	18.61	17.98	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oregon Vesper Sparrow	<i>Poetesia graminea affinis</i>	SSC	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	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	
Pacific Martin	<i>Progne subis</i>	SSC	16.96	0.00	0.00	1.01	0.00	0.00	0.00	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Redhead	<i>Aviary americana</i>	SSC	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	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	
Wain's Sparrow	<i>Chondestes irroratus</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.52	0.46	18.61	17.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
White-Tailed Kite	<i>Elanus leucurus</i>	FS SFP	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	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	
Willow Flycatcher	<i>Empidonax traillii</i>	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	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	
Yellow Warbler	<i>Setophaga ruticilla</i>	SSC	0.00	0.00	0.00	1.01	0.00	0.02	1.14	4.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.52	0.46	18.61	17.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Yellow-Headed Blackbird	<i>Xanthocephalus carolinensis</i>	SSC	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	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	
Mammals																															
American Badger	<i>Taxidea taxus</i>	SSC	17.42	1.35	0.04	1.01	0.00	0.02	1.14	4.65	0.07	0.19	0.00	0.00	0.03	0.33	0.09	2.52	0.46	18.61	17.98	0.32	0.12	0.05	17.95	1.21	0.38	2.05	0.06	0.09	
Fisher	<i>Pekania pennanti</i>	FS SSC	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	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	
Fisher - Southern Sierra Nevada ESU	<i>Pekania pennanti</i> ssp. 2	FE FS SSC 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	0.00	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	0.00	
Pallid Bat	<i>Antrozous pallidus</i>	FS SSC	17.42	1.35	0.04	1.01	0.00	0.02	1.14	4.65	0.07	0.19	0.00	0.00	0.03	0.33	0.09	2.52	0.46	18.61	17.98	0.32	0.12	0.05	17.95	1.21	0.38	2.05	0.06	0.09	
Sierra Nevada Snowshoe Hare	<i>Lepus americanus hibernicus</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.33	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	0.00	
Scotter Bat	<i>Eptesicus macrotis</i>	FS SSC	17.42	0.00	0.04	1.01	0.00	0.02	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS SSC	17.42	1.35	0.04	1.01	0.00	0.02	1.14	4.65	0.07	0.07	0.00	0.00	0.00	0.00	0.00	2.52	0.46	18.61	17.98	0.32	0.12	0.05	17.95	0.00	0.38	2.05	0.06	0.09	
Western Hillbat	<i>E</i>																														

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



○ City	■ District 10 Transportation Project
— Highway	▭ Caltrans District
— Major Road	

HYDROLOGIC UNITS (HUC8) WITH POTENTIAL TRANSPORTATION PROJECTS FOR CALTRANS DISTRICT 10

District 10 Watershed Impacts to Riparian, Waters, Wetlands, and Fish Species Summary Table

HUC 8 NAME			Riparian	Waters	Wetland
Common Species Name	Scientific Species Name	Listing Status			
Lower San Joaquin River			1.09	0.60	0.00
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus pop. 11</i>	FT,SSC		0.24	0.00
Middle San Joaquin-Lower Chowchilla			1.42	0.92	0.00
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus pop. 11</i>	FT,SSC		0.07	0.00
Rock Creek-French Camp Slough			0.16	0.20	0.00
N/A	N/A	N/A		0.00	0.00
San Joaquin Delta			0.80	3.64	0.00
Delta Smelt	<i>Hypomesus transpacificus</i>	FT, SE		0.98	0.00
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus pop. 11</i>	FT,SSC		1.36	0.00
Upper Calaveras California			2.74	0.93	0.06
Delta Smelt	<i>Hypomesus transpacificus</i>	FT, SE		0.78	0.00
Steelhead - Central Valley DPS	<i>Oncorhynchus mykiss irideus pop. 11</i>	FT,SSC		0.78	0.00
Upper Carson			0.51	0.17	0.20
Lahontan Cutthroat Trout	<i>Oncorhynchus clarkii henshawi</i>	FT,SSC		0.13	0.00
Paiute Cutthroat Trout	<i>Oncorhynchus henshawi seleniris</i>	FT,SSC		0.17	0.07
Upper Merced			0.48	0.08	0.00
N/A	N/A	N/A		0.00	0.00
Upper Mokelumne			22.64	2.02	0.18
Lahontan Cutthroat Trout	<i>Oncorhynchus clarkii henshawi</i>	FT,SSC		0.01	0.00
Upper Stanislaus			1.18	0.04	0.12
N/A	N/A	N/A		0.00	0.00
Upper Tuolumne			2.59	0.22	0.09
N/A	N/A	N/A		0.00	0.00

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
- **Key:** Caltrans District 11 – Ecoregion Section Impact by Species Special Status Species Acronym Key
- **Table:** Caltrans District 11 – Colorado 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 Riparian, Waters, Wetlands, and Fish Species Summary Table

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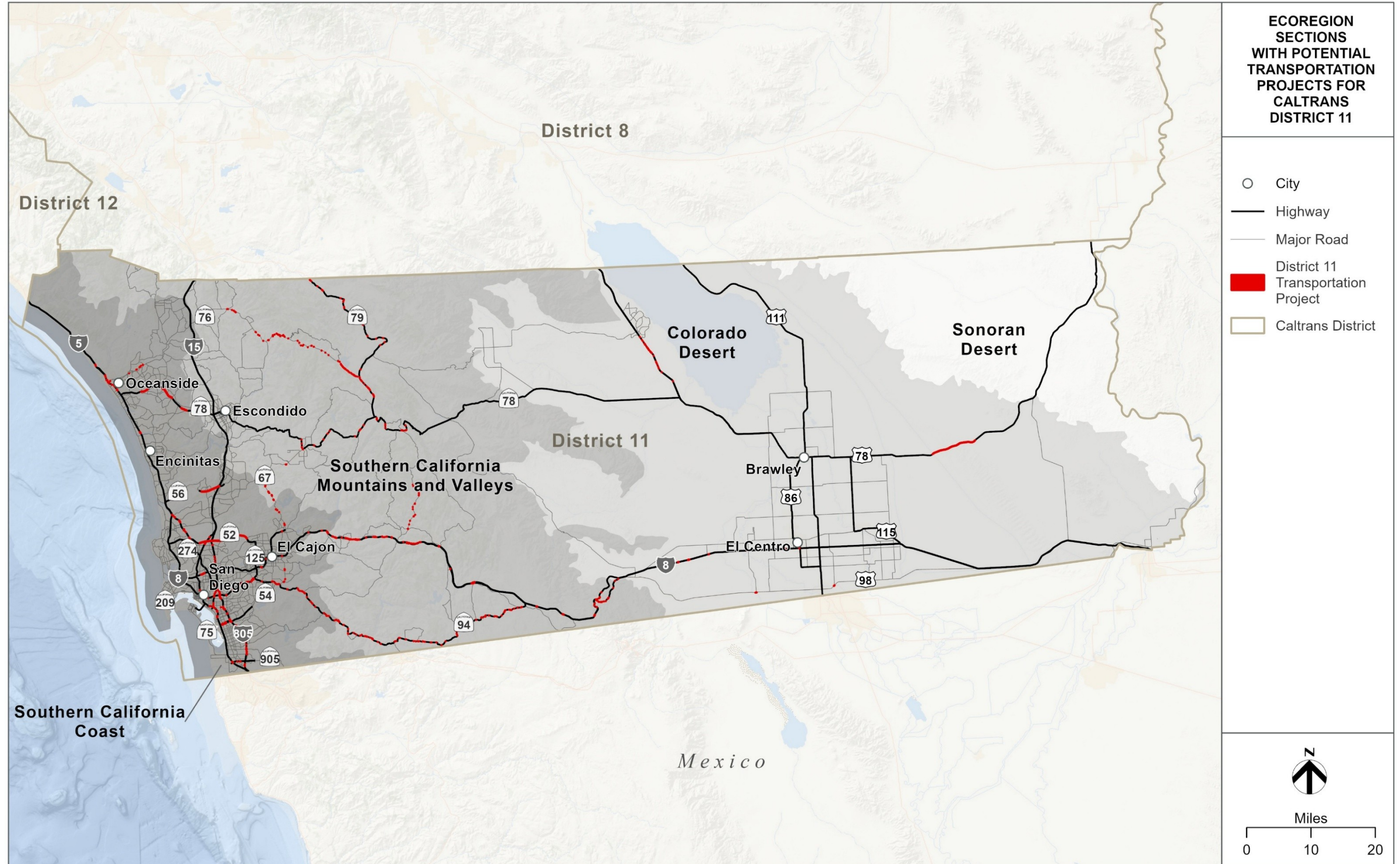
Caltrans District 11 - Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC 8	Footprint in HUC8 (Acres)
19044	SD	805	0.149	14.6	Pavement	2023/24	Southern California Coast	6.21	Cottonwood-Tijuana	0.81
									San Diego	5.40
19151	SD	805	23.7	28.5	Drainage	2023/24	Southern California Coast	1.53	San Diego	1.53
19300	SD	94	1.416	16	Drainage	2023/24	Southern California Coast	3.72	San Diego	3.72
19303	SD	94	15.3	65.3	Drainage	2023/24	Southern California Coast	1.90	San Diego	1.90
							Southern California Mountains and Valleys	3.16	Carrizo Creek	0.17
									Cottonwood-Tijuana	2.72
									San Diego	0.27
19304	SD	76	R17.5	52.2	Drainage	2024/25	Southern California Mountains and Valleys	4.23	San Luis Rey-Escondido	4.23
19306	SD	67	R4.1	15.9	Drainage	2023/24	Southern California Coast	0.84	San Diego	2.52
							Southern California Mountains and Valleys	1.68		
19307	SD	79	20.23	53	Drainage	2023/24	Southern California Mountains and Valleys	1.97	San Diego	0.29
									San Luis Rey-Escondido	1.19
									Santa Margarita	0.50
20221	SD	76	R0.0	R8.1	Pavement	2024/25	Southern California Coast	0.97	San Luis Rey-Escondido	0.97
20222	IMP	86	R37.248	67.824	Pavement	2028/29	Colorado Desert	2.25	Salton Sea	2.25
20232	SD	79	L0.044	11.2	Pavement	2030/31	Southern California Mountains and Valleys	1.89	San Diego	1.89
20297	SD	8	T0.407	R21.9	Mobility - TMS	2026/27	Southern California Coast	2.55	San Diego	2.55
20304	SD	8	R31.8	R44.0	Pavement	2029/30	Southern California Mountains and Valleys	5.58	Cottonwood-Tijuana	2.54
									San Diego	3.03
20306	SD	78	7.7	9	Mobility - Operational Improvements	2032/33	Southern California Coast	11.18	San Luis Rey-Escondido	11.18
20475	SD	78	33.7	37.3	Pavement	2025/26	Southern California Mountains and Valleys	0.62	San Diego	0.62
21780	SD	78	37.2	60	Pavement	2025/26	Southern California Mountains and Valleys	0.86	San Diego	0.73
									San Felipe Creek	0.13
21788	SD	805	6.1	13.6	Bridge - Health	2023/24	Southern California Coast	3.80	San Diego	3.80
22106	SD	56	6.8	9.5	Mobility - Operational Improvements	2032/33	Southern California Coast	27.25	San Diego	27.25
22120	SD	8	R21.5	R34.3	Pavement	2026/27	Southern California Coast	0.05	San Diego	0.55
							Southern California Mountains and Valleys	0.50		
22740	SD	76	R34.5	R34.7	Reactive Safety	2026/27	Southern California Mountains and Valleys	0.78	San Luis Rey-Escondido	0.78
23222	SD	54	T10.993	T14.212	Pavement	2028/29	Southern California Coast	0.91	San Diego	0.91
23224	IMP	78	34	41.1	Pavement	2026/27	Colorado Desert	25.86	Salton Sea	25.86
23226	SD	8	R43.8	R50.1R	Pavement	2027/28	Southern California Mountains and Valleys	0.80	Cottonwood-Tijuana	0.80
23227	SD	5	R20.56	R54.54	Bridge - Health	2027/28	Southern California Coast	4.18	San Luis Rey-Escondido	4.18
23229	SD	163	0.58R	10.34	Drainage	2028/29	Southern California Coast	1.37	San Diego	1.37
23231	SD	78	6.9	7.7	Mobility - Operational Improvements	2030/31	Southern California Coast	6.86	San Luis Rey-Escondido	6.86
23235	IMP	8	R5.1R	R47.1	Bridge - Health	2029/30	Colorado Desert	8.59	Salton Sea	9.59
							Southern California Mountains and Valleys	0.99		
23237	IMP	8	R10.0	R28.0	Pavement	2028/29	Colorado Desert	0.25	Salton Sea	0.25
23244	SD	905	2.84	R11.737	Pavement	2030/31	Southern California Coast	0.77	Cottonwood-Tijuana	0.77
23246	IMP	8	R0.0R	R10.0	Pavement	2029/30	Southern California Mountains and Valleys	2.85	Salton Sea	2.85
23282	SD	5	R52.6	R58.1	Pavement	2032/33	Southern California Coast	1.98	Aliso-San Onofre	0.13
									San Luis Rey-Escondido	1.80
									Santa Margarita	0.06
23337	SD	805	7.743	13.445	Bridge - Health	2028/29	Southern California Coast	11.45	San Diego	11.45
24136	IMP	8	R28.0	R41.0	Pavement	2030/31	Colorado Desert	0.27	Salton Sea	0.27
24140	SD	8	R25.9	R31.8	Pavement	2029/30	Southern California Coast	0.02	San Diego	4.71
							Southern California Mountains and Valleys	4.68		
24141	SD	8	8.2	R18.53	Pavement	2032/33	Southern California Coast	0.26	San Diego	0.26
24312	SD	15	0.405	R9.995	Drainage	2030/31	Southern California Coast	3.81	San Diego	3.81
							Southern California Mountains and Valleys	1.02	Cottonwood-Tijuana	0.77
									San Diego	0.26

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 HUC8 (Acres)
24459	SD	78	11.2	12.2	Mobility - Operational Improvements	2031/32	Southern California Coast	8.15	San Luis Rey-Escondido	8.15
24461	SD	78	3.3	4.4	Mobility - Operational Improvements	2032/33	Southern California Coast	7.02	San Luis Rey-Escondido	7.02
24477	SD	5	3.1	R15.9	Bridge - Health	2030/31	Southern California Coast	7.93	Cottonwood-Tijuana	1.60
									San Diego	6.33
									Carrizo Creek	1.97
24478	SD	8	R56.7R	R77.7R	Bridge - Health	2032/33	Southern California Mountains and Valleys	7.34	Cottonwood-Tijuana	3.82
									Salton Sea	1.56
24479	SD	805	23.5	26.9	Bridge - Health	2031/32	Southern California Coast	4.98	San Diego	4.98
24481	SD	52	4.4	13.1	Mobility - Operational Improvements	2031/32	Southern California Coast	72.38	San Diego	72.38
24482	SD	805	12.95	13.97	Mobility - Operational Improvements	2030/31	Southern California Coast	7.17	San Diego	7.17
24785	SD	94	34.97	35.061	Bridge - Health	2029/30	Southern California Mountains and Valleys	0.99	Cottonwood-Tijuana	0.99
25126	SD	67	R20.873	R20.873	Reactive Safety	2027/28	Southern California Mountains and Valleys	0.92	San Diego	0.92
25341	SD	76	27.37	52.319	Reactive Safety	2029/30	Southern California Mountains and Valleys	0.45	San Luis Rey-Escondido	0.45

Caltrans District 11 - Ecoregion Sections with Potential Transportation Projects



Ecoregion Section Impact by Species

Special Status Species Acronym Key

District 11

FE = Federally Endangered

FT = Federally Threatened

SE = State Endangered

ST = State Threatened

FCT = Federal Candidate Threatened

FCE = Federal Candidate Endangered

SCT = State Candidate Threatened

SCE = State Candidate Endangered

SFP = State Fully Protected Species

SSC = State Species of Concern

SR = State Rare Species

FS = Federal Sensitive Species (includes USFS sensitive and/or BLM Sensitive)

SFS = State Fire Sensitive

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District 11 Colorado Desert Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Alkali Desert Scrub	Barren	Deciduous Orchard; Vineyard	Desert Riparian	Desert Scrub	Desert Wash	Dryland Grain Crops	Irrigated Row and Field Crops	Lacustrine	Pasture	Riverine
		Total:	0.05	9.05	0.01	0.64	4.89	0.57	0.09	0.61	0.30	0.31	0.03
Amphibians													
Couch's Spadefoot	<i>Scaphiopus couchii</i>	FS,SSC	0.00	0.34	0.00	0.00	1.24	0.18	0.00	0.00	0.00	0.00	0.00
Birds													
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	SFS	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.30	0.00	0.03
American White Pelican	<i>Pelecanus erythrorhynchos</i>	SSC	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Burrowing Owl	<i>Athene cunicularia</i>	FS,SCE,SSC	0.05	9.05	0.00	0.64	4.89	0.57	0.00	0.00	0.00	0.31	0.00
California Black Rail	<i>Laterallus jamaicensis coturniculus</i>	FS,SFP,ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.03
Crissal Thrasher	<i>Toxostoma crissale</i>	FS,SSC	0.00	0.00	0.00	0.64	0.00	0.57	0.00	0.00	0.00	0.00	0.00
Fulvous Whistling-Duck	<i>Dendrocygna bicolor</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.30	0.00	0.03
Gila Woodpecker	<i>Melanerpes uropygialis</i>	FS,SE	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Least Bittern	<i>Botaurus exilis</i>	SSC	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.30	0.00	0.03
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.05	9.05	0.01	0.64	4.89	0.57	0.09	0.00	0.00	0.00	0.00
Long-Eared Owl	<i>Asio otus</i>	SSC	0.00	0.00	0.00	0.00	4.54	0.00	0.00	0.00	0.00	0.00	0.00
Mountain Plover	<i>Anarhynchus montanus</i>	FS,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.05	9.05	0.01	0.64	4.89	0.57	0.09	0.00	0.30	0.00	0.03
Redhead	<i>Aythya americana</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.03
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	0.02	0.00	0.00	0.00	0.34	0.00	0.09	0.61	0.00	0.00	0.00
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Yellow-Headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.31	0.00
Mammals													
American Badger	<i>Taxidea taxus</i>	SSC	0.05	9.05	0.01	0.64	4.89	0.57	0.09	0.61	0.00	0.31	0.00
Big Free-Tailed Bat	<i>Nyctinomops macrotis</i>	SSC	0.00	0.00	0.00	0.00	4.89	0.00	0.00	0.00	0.00	0.00	0.00
California Leaf-Nosed Bat	<i>Macrotus californicus</i>	FS,SSC	0.05	9.05	0.00	0.64	4.89	0.57	0.00	0.00	0.00	0.00	0.03
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	0.00	0.00	0.01	0.64	4.89	0.57	0.00	0.00	0.00	0.31	0.00
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.05	9.05	0.01	0.64	4.89	0.57	0.09	0.00	0.00	0.31	0.03
Palm Springs Pocket Mouse	<i>Perognathus longimembris bangsi</i>	FS,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Palo Verde Mountains Ringtail	<i>Bassariscus astutus willetti</i>	SFP	0.00	8.94	0.00	0.64	4.87	0.57	0.00	0.00	0.00	0.03	0.00
Pocketed Free-Tailed Bat	<i>Nyctinomops femorosaccus</i>	SSC	0.05	9.05	0.00	0.64	4.89	0.57	0.00	0.00	0.00	0.00	0.00
Southern California Ringtail	<i>Bassariscus astutus octavus</i>	SFP	0.05	0.12	0.01	0.00	0.01	0.00	0.09	0.61	0.00	0.27	0.00
Southern Grasshopper Mouse	<i>Onychomys torridus ramona</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spotted Bat	<i>Euderma maculatum</i>	FS,SSC	0.05	0.00	0.00	0.64	4.89	0.57	0.00	0.00	0.00	0.00	0.03
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.05	9.05	0.01	0.64	4.89	0.57	0.00	0.61	0.00	0.31	0.03
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	0.05	9.05	0.01	0.64	4.89	0.57	0.09	0.61	0.00	0.31	0.00
Western Yellow Bat	<i>Lasiurus xanthinus</i>	SSC	0.00	0.00	0.00	0.64	0.00	0.57	0.00	0.00	0.00	0.00	0.00
Yuma Hispid Cotton Rat	<i>Sigmodon hispidus eremicus</i>	SSC	0.02	0.00	0.00	0.00	0.34	0.00	0.09	0.61	0.00	0.31	0.00
Reptiles													
Colorado Desert Fringe-Toed Lizard	<i>Uma notata</i>	FS,SSC	0.05	9.05	0.00	0.64	4.89	0.57	0.00	0.00	0.00	0.00	0.00
Desert Tortoise	<i>Gopherus agassizii</i>	FT,SE	0.00	8.94	0.00	0.00	4.54	0.57	0.00	0.00	0.00	0.00	0.00
Flat-Tailed Horned Lizard	<i>Phrynosoma mcallii</i>	FS,SSC	0.02	9.05	0.00	0.00	4.55	0.57	0.00	0.00	0.00	0.00	0.00
Red Diamond Rattlesnake	<i>Crotalus ruber</i>	FS,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants													
Algodones Dunes Sunflower	<i>Helianthus niveus ssp. tephrodes</i>	FS,SE	0.00	0.00	0.00	0.00	4.89	0.00	0.00	0.00	0.00	0.00	0.00
Borrego Bedstraw	<i>Galium angustifolium ssp. borregoense</i>	FS,SR	0.00	0.00	0.00	0.00	4.89	0.00	0.00	0.00	0.00	0.00	0.00
Peirson's Milk-Vetch	<i>Astragalus magdalenae var. peirsonii</i>	FT,SE	0.00	0.00	0.00	0.00	4.54	0.00	0.00	0.00	0.00	0.00	0.00
Wiggins' Croton	<i>Croton wigginsii</i>	FS,SR	0.00	0.00	0.00	0.00	4.89	0.00	0.00	0.00	0.00	0.00	0.00

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

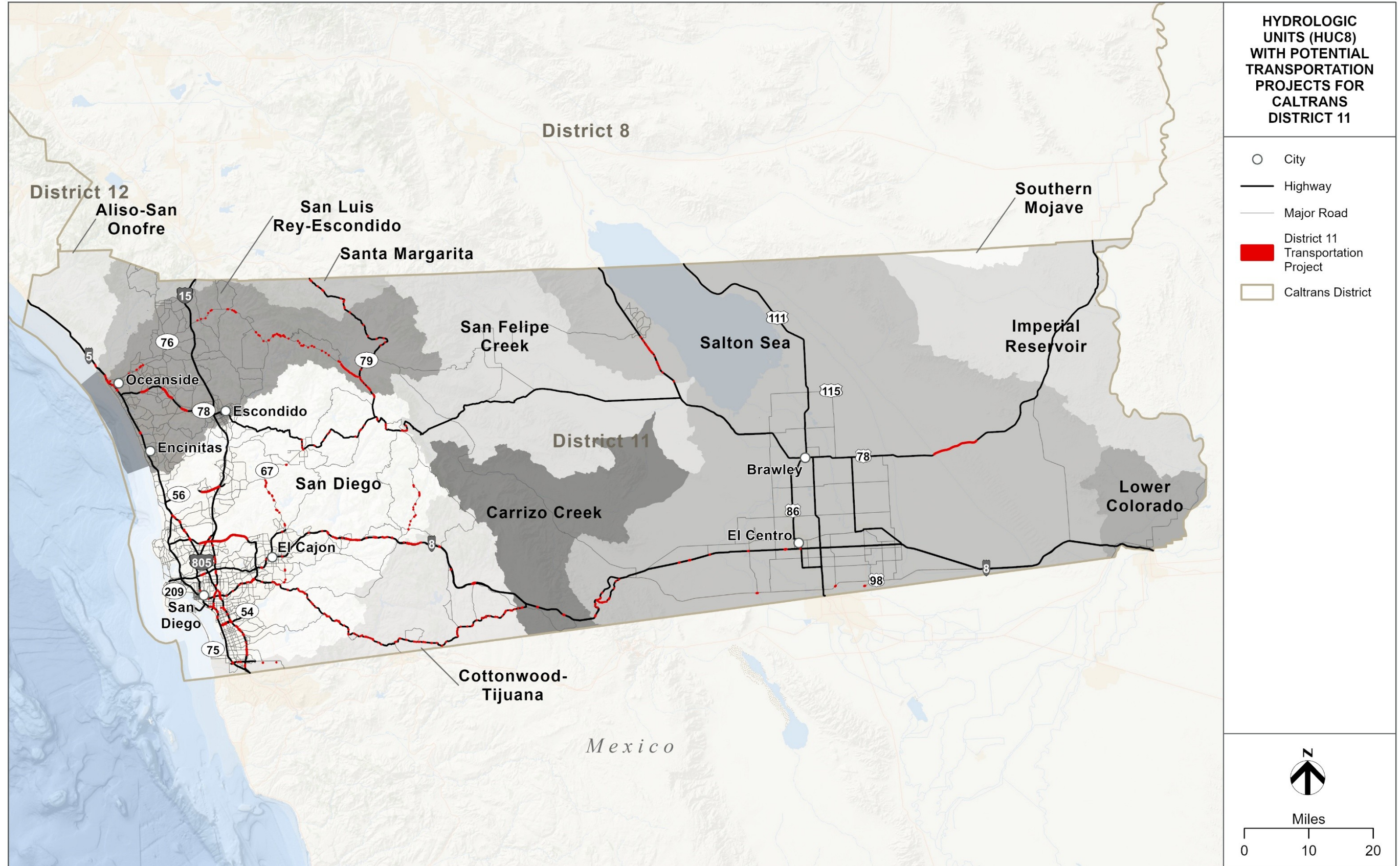
Common Name	Species Name	Status	Annual Grassland	Barren	Chamise-Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Fresh Emergent Wetland	Eucalyptus	Lacustrine	Mixed Chaparral	Riverine	Valley Foothill Riparian
		Total:	4.37	0.03	0.40	0.40	6.92	0.71	0.12	0.35	1.32	0.30	0.98
Amphibians													
Arroyo Toad	<i>Anaxyrus californicus</i>	FE,SSC	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.07	1.32	0.30	0.98
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	4.32	0.00	0.00	0.40	6.92	0.71	0.12	0.35	1.32	0.30	0.98
Foothill Yellow Legged Frog - South Coast DPS	<i>Rana boylei</i>	FE, SE, FS	4.27	0.00	0.40	0.40	6.92	0.71	0.00	0.00	1.32	0.30	0.98
Western Spadefoot	<i>Spea hammondi</i>	FCT,FS,SSC	4.37	0.00	0.40	0.40	6.92	0.71	0.12	0.35	1.32	0.30	0.00
Birds													
Burrowing Owl	<i>Athene cunicularia</i>	FS,SCE,SSC	2.42	0.03	0.00	0.24	1.38	0.51	0.00	0.00	0.00	0.00	0.32
California Black Rail	<i>Laterallus jamaicensis coturniculus</i>	FS,SFP,ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.18	0.00
Clark's Marsh Wren	<i>Cistothorus palustris clarkae</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.12
Coastal Cactus Wren	<i>Campylorhynchus brunneicapillus sandiegensis</i>	FS,SSC	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00
Coastal California Gnatcatcher 2	<i>Poliophtila californica californica</i>	FT, SSC	4.37	0.00	0.40	0.40	6.92	0.71	0.00	0.00	1.32	0.00	0.98
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	4.37	0.03	0.40	0.40	6.92	0.71	0.12	0.00	1.32	0.00	0.98
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	4.37	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00	0.00	0.00
Least Bell's Vireo	<i>Vireo bellii pusillus</i>	FE,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98
Least Bittern	<i>Botaurus exilis</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.35	0.00	0.30	0.00
Light-Footed Clapper Rail	<i>Rallus obsoletus levipes</i>	FE,SE,SFP	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.35	0.00	0.30	0.00
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	4.37	0.03	0.40	0.40	6.92	0.71	0.00	0.00	1.32	0.00	0.98
Long-Billed Curlew	<i>Numenius americanus</i>	None	3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.51
Long-Eared Owl	<i>Asio otus</i>	SSC	4.37	0.00	0.40	0.40	0.00	0.71	0.00	0.00	1.32	0.00	0.98
Mountain Plover	<i>Anarhynchus montanus</i>	FS,SSC	1.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Northern Harrier	<i>Circus hudsonius</i>	SSC	4.37	0.03	0.40	0.40	6.92	0.71	0.12	0.35	1.32	0.30	0.98
Oregon Vesper Sparrow	<i>Poocetes gramineus affinis</i>	SSC	3.36	0.00	0.00	0.40	0.00	0.11	0.00	0.00	0.12	0.00	0.00
Short-Eared Owl	<i>Asio flammeus</i>	SSC	0.12	0.00	0.00	0.00	0.13	0.42	0.12	0.00	0.00	0.00	0.12
Southwestern Willow Flycatcher	<i>Empidonax traillii extimus</i>	FE,SE	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00	0.00	0.98
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	4.37	0.00	0.00	0.00	0.00	0.71	0.12	0.00	0.00	0.00	0.98
Western Snowy Plover	<i>Anarhynchus nivosus nivosus</i>	FT,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00
Western Yellow-Billed Cuckoo	<i>Coccyzus americanus occidentalis</i>	FS,FT,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	4.37	0.03	0.40	0.40	6.92	0.71	0.12	0.00	1.32	0.00	0.98
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00	0.00	0.98
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	0.40	0.40	6.92	0.71	0.00	0.00	1.32	0.00	0.98
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	0.00	0.00	0.98
Mammals													
American Badger	<i>Taxidea taxus</i>	SSC	4.37	0.03	0.40	0.40	6.92	0.71	0.00	0.00	1.32	0.00	0.98
Big Free-Tailed Bat	<i>Nyctinomops macrotis</i>	SSC	4.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California Leaf-Nosed Bat	<i>Macrotus californicus</i>	FS,SSC	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.15
Dulzura Pocket Mouse	<i>Chaetodipus californicus femoralis</i>	None	1.57	0.00	0.04	0.40	3.46	0.09	0.00	0.00	0.12	0.00	0.00
Hog-Nosed Bat	<i>Choeronycteris mexicana</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00	0.00	0.00
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	4.37	0.00	0.40	0.40	6.92	0.71	0.00	0.00	1.32	0.00	0.98
Northwestern San Diego Pocket Mouse	<i>Chaetodipus fallax fallax</i>	None	4.37	0.00	0.40	0.00	6.92	0.00	0.00	0.00	1.32	0.00	0.00
Pacific Pocket Mouse	<i>Perognathus longimembris pacificus</i>	FE,SCE,SSC	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	4.37	0.03	0.40	0.40	6.92	0.71	0.00	0.00	1.32	0.30	0.98
Pocketed Free-Tailed Bat	<i>Nyctinomops femorosaccus</i>	SSC	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Diego Desert Woodrat	<i>Neotoma lepida intermedia</i>	SSC	0.00	0.00	0.40	0.00	6.92	0.00	0.00	0.00	1.32	0.00	0.00
Southern Grasshopper Mouse	<i>Onychomys torridus ramona</i>	SSC	4.26	0.00	0.00	0.00	6.92	0.00	0.00	0.00	1.32	0.00	0.86
Spotted Bat	<i>Euderma maculatum</i>	FS,SSC	4.37	0.00	0.00	0.40	6.92	0.71	0.00	0.00	0.00	0.30	0.98
Stephens' Kangaroo Rat	<i>Dipodomys stephensi</i>	FT,ST	0.49	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	4.37	0.03	0.40	0.40	6.92	0.71	0.00	0.00	1.32	0.30	0.98
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	4.37	0.03	0.40	0.40	6.92	0.71	0.12	0.00	1.32	0.00	0.98
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	4.37	0.00	0.40	0.40	6.92	0.71	0.12	0.35	1.32	0.30	0.98
Western Yellow Bat	<i>Lasiurus xanthinus</i>	SSC	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.98
Reptiles													
Baja California Coachwhip	<i>Masticophis fuliginosus</i>	SSC	2.40	0.00	0.00	0.24	0.58	0.00	0.00	0.00	0.00	0.00	0.26
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS,SSC	4.37	0.00	0.40	0.40	6.92	0.71	0.00	0.00	1.32	0.00	0.98
California Glossy Snake	<i>Arizona elegans occidentalis</i>	SSC	4.37	0.00	0.40	0.40	6.92	0.71	0.00	0.00	1.32	0.00	0.00
Coast Patch-Nosed Snake	<i>Salvadora hexalepis virgultea</i>	SSC	4.37	0.03	0.40	0.40	6.92	0.71	0.00	0.00	1.32	0.00	0.98
Coastal Whiptail	<i>Aspidoscelis tigris stejnegeri</i>	SSC	3.00	0.00	0.40	0.40	0.00	0.27	0.00	0.00	1.32	0.00	0.91
Red Diamond Rattlesnake	<i>Crotalus ruber</i>	FS,SSC	4.37	0.03	0.40	0.40	6.92	0.71	0.00	0.00	1.32	0.00	0.98
San Diego Banded Gecko	<i>Coleonyx variegatus abbotti</i>	SSC	0.00	0.03	0.04	0.00	3.16	0.00	0.00	0.00	0.12	0.00	0.00
San Francisco Gartersnake	<i>Thamnophis sirtalis tetrataenia</i>	FE,SE,SFP	4.37	0.00	0.40	0.40	6.92	0.71	0.12	0.35	1.32	0.00	0.98

Common Name	Species Name	Status	Annual Grassland	Barren	Chamise-Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Fresh Emergent Wetland	Eucalyptus	Lacustrine	Mixed Chaparral	Riverine	Valley Foothill Riparian
		Total:	4.37	0.03	0.40	0.40	6.92	0.71	0.12	0.35	1.32	0.30	0.98
Southern California Legless Lizard	<i>Anniella stebbinsi</i>	FS,SSC	0.00	0.03	0.40	0.00	6.92	0.00	0.00	0.00	1.32	0.00	0.00
Southwestern Pond Turtle	<i>Actinemys pallida</i>	FCT,FS,SSC	4.37	0.00	0.40	0.40	6.92	0.71	0.12	0.35	1.32	0.30	0.98
Two-Striped Gartersnake	<i>Thamnophis hammondi</i>	FS,SSC	4.37	0.00	0.40	0.40	6.92	0.71	0.12	0.35	1.32	0.30	0.98
Invertebrates													
Crotch's Bumble Bee	<i>Bombus crotchii</i>	SCE	0.65	0.00	0.00	0.00	0.01	0.00	0.12	0.00	0.00	0.12	0.12
Hermes Copper Butterfly	<i>Lycaena hermes</i>	FS,FT	0.00	0.00	0.04	0.00	3.72	0.00	0.00	0.00	0.56	0.00	0.00
Quino Checkerspot Butterfly	<i>Euphydryas editha quino</i>	FE,SCE	0.00	0.00	0.04	0.00	5.54	0.00	0.00	0.00	0.16	0.00	0.00
Riverside Fairy Shrimp	<i>Streptocephalus woottoni</i>	FE	3.29	0.00	0.00	0.00	4.47	0.00	0.12	0.00	0.00	0.00	0.00
San Diego Fairy Shrimp	<i>Branchinecta sandiegonensis</i>	FE	3.76	0.00	0.40	0.00	6.65	0.00	0.12	0.00	1.32	0.00	0.00
Vernal Pool Fairy Shrimp	<i>Branchinecta lynchi</i>	FT	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plants													
Baja California Birdbush	<i>Ornithostaphylos oppositifolia</i>	SE	0.00	0.00	0.36	0.00	0.74	0.00	0.00	0.00	1.20	0.00	0.00
Beach Spectaclepod	<i>Dithyrea maritima</i>	FS,ST	0.00	0.00	0.00	0.00	0.74	0.00	0.00	0.00	0.00	0.00	0.00
California Orcutt Grass	<i>Orcuttia californica</i>	FE,SE	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coastal Dunes Milk-Vetch	<i>Astragalus tener var. titi</i>	FE,SE	0.00	0.00	0.00	0.00	1.38	0.00	0.00	0.00	0.00	0.00	0.00
Cuyamaca Lake Downingia	<i>Downingia concolor var. brevior</i>	SE	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cuyamaca Larkspur	<i>Delphinium hesperium ssp. cuyamaca</i>	FS,SR	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dehesa Nolina	<i>Nolina interrata</i>	FS,SE	0.00	0.00	0.04	0.00	6.18	0.00	0.00	0.00	0.12	0.00	0.00
Del Mar Manzanita	<i>Arctostaphylos glandulosa ssp. crassifolia</i>	FE	0.00	0.00	0.04	0.00	4.48	0.00	0.00	0.00	0.68	0.00	0.00
Dunn's Mariposa Lily	<i>Calochortus dunnii</i>	FS,SR	1.69	0.00	0.04	0.00	6.18	0.00	0.00	0.00	0.12	0.00	0.00
Encinitas Baccharis	<i>Baccharis vanessae</i>	FT,SE	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
Gander's Ragwort	<i>Packera ganderi</i>	FS,SR	0.00	0.00	0.04	0.00	6.18	0.00	0.00	0.00	0.12	0.00	0.00
Mexican Flannelbush	<i>Fremontodendron mexicanum</i>	FE,SR	0.00	0.00	0.00	0.24	1.01	0.00	0.00	0.00	0.00	0.00	0.00
Mojave Tarplant	<i>Deinandra mohavensis</i>	FS,SE	0.00	0.00	0.04	0.00	6.18	0.00	0.00	0.00	0.12	0.00	0.62
Mt. Laguna Aster	<i>Dieteria asteroides var. lagunensis</i>	FS,SR	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nevin's Barberry	<i>Berberis nevinii</i>	FE,SE	0.00	0.00	0.00	0.00	1.37	0.00	0.00	0.00	0.52	0.00	0.23
Orcutt's Hazardia	<i>Hazardia orcuttii</i>	ST	0.00	0.00	0.36	0.00	0.74	0.00	0.00	0.00	1.20	0.00	0.00
Orcutt's Spineflower	<i>Chorizanthe orcuttiana</i>	FE,SE	0.00	0.00	0.36	0.00	3.22	0.00	0.00	0.00	1.21	0.00	0.00
Otay Mesa Mint	<i>Pogogyne nudiuscula</i>	FE,SE	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Otay Tarplant	<i>Deinandra conjugens</i>	FT,SE	2.29	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00
Parish's Meadowfoam	<i>Limnanthes alba ssp. parishii</i>	FS,SE	1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Roderick's Fritillary	<i>Fritillaria roderickii</i>	SE	4.37	0.00	0.00	0.00	6.92	0.00	0.00	0.00	0.00	0.00	0.00
Salt Marsh Bird's-Beak	<i>Chloropyron maritimum ssp. maritimum</i>	FE,FS,SE	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00
San Diego Ambrosia	<i>Ambrosia pumila</i>	FE	1.44	0.00	0.04	0.00	3.55	0.00	0.00	0.00	0.64	0.00	0.00
San Diego Button-Celery	<i>Eryngium aristulatum var. parishii</i>	FE,SE	2.44	0.00	0.00	0.00	4.95	0.00	0.00	0.00	0.00	0.00	0.00
San Diego Mesa Mint	<i>Pogogyne abramsii</i>	FE,SE	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Diego Thorn-Mint	<i>Acanthomintha ilicifolia</i>	FT,SE	3.08	0.00	0.00	0.00	4.32	0.00	0.00	0.00	0.56	0.00	0.00
Short-Leaved Dudleya	<i>Dudleya brevifolia</i>	SE	2.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	0.00	0.00
Small-Leaved Rose	<i>Rosa minutifolia</i>	SE	0.00	0.00	0.04	0.00	6.18	0.00	0.00	0.00	0.12	0.00	0.00
Spreading Navarretia	<i>Navarretia fossalis</i>	FT	2.09	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.19
Thread-Leaved Brodiaea	<i>Brodiaea filifolia</i>	FT,SE	0.61	0.00	0.00	0.00	2.37	0.00	0.00	0.00	0.52	0.00	0.00
Willow Monardella	<i>Monardella viminea</i>	FE,SE	0.00	0.00	0.40	0.16	5.64	0.00	0.00	0.00	1.32	0.00	0.54

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Barren	Chamise-Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Cropland	Deciduous Orchard	Desert Scrub	Irrigated Row and Field Crops	Mixed Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Pasture	Perennial Grassland	Sagebrush	Valley Foothill Riparian	Wet Meadow
Total:			0.38	1.55	0.23	1.03	3.24	3.83	0.16	0.03	4.42	1.03	8.30	0.15	0.24	0.45	1.47	0.05	0.22	0.32
Amphibians																				
Arroyo Toad	<i>Anaxyrus californicus</i>	FE,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.05	0.00	0.00	0.00	0.00	0.00	0.22	0.00
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	0.00	1.55	0.00	0.00	3.24	3.83	0.00	0.00	0.00	0.00	8.30	0.15	0.24	0.00	1.47	0.00	0.22	0.32
Coast Range Newt	<i>Taricha torosa</i>	SSC	0.00	0.00	0.00	0.00	0.03	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Foothill Yellow Legged Frog - South Coast DPS	<i>Rana boylei</i>	FE, SE, FS	0.00	1.45	0.00	0.77	2.73	3.04	0.00	0.00	0.00	0.00	2.46	0.09	0.24	0.00	0.00	0.00	0.22	0.32
Western Spadefoot	<i>Spea hammondi</i>	FCT,FS,SSC	0.38	0.81	0.00	0.75	1.19	3.08	0.00	0.00	0.00	1.03	2.07	0.00	0.00	0.00	0.16	0.00	0.00	0.00
Birds																				
Burrowing Owl	<i>Athene cunicularia</i>	FS,SCE,SSC	0.00	0.49	0.06	0.03	0.59	0.01	0.00	0.00	2.96	0.00	0.04	0.00	0.00	0.00	0.97	0.00	0.09	0.32
California Spotted Owl	<i>Strix occidentalis occidentalis</i>	FS,SSC	0.00	0.00	0.00	0.00	2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.24	0.00	0.00	0.00	0.20	0.00
Coastal Cactus Wren	<i>Campylorhynchus brunneicapillus sandiegensis</i>	FS,SSC	0.00	0.00	0.00	0.00	0.00	0.08	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 California Gnatcatcher 2	<i>Polioptila californica californica</i>	FT,SSC	0.00	0.71	0.00	0.37	0.62	2.94	0.00	0.00	0.00	0.00	1.84	0.00	0.00	0.00	0.00	0.00	0.09	0.00
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	0.38	1.55	0.23	1.03	3.24	3.83	0.00	0.00	4.42	0.00	8.30	0.15	0.24	0.45	1.47	0.05	0.22	0.32
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	0.00	1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00	0.32
Gray Vireo	<i>Vireo vicinior</i>	FS,SSC	0.00	0.00	0.00	0.40	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	0.00
Least Bell's Vireo	<i>Vireo bellii pusillus</i>	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	0.00	0.00	0.08	0.00
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.38	1.55	0.23	1.03	3.24	3.83	0.00	0.03	4.42	0.00	8.30	0.15	0.24	0.00	1.47	0.05	0.22	0.32
Long-Eared Owl	<i>Asio otus</i>	SSC	0.00	1.55	0.00	1.03	3.24	0.00	0.00	0.00	4.42	0.00	8.30	0.15	0.24	0.45	1.47	0.05	0.22	0.32
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.00	1.55	0.16	1.01	3.12	3.33	0.00	0.03	0.16	0.00	8.26	0.15	0.24	0.00	1.38	0.00	0.20	0.32
Olive-Sided Flycatcher	<i>Contopus cooperi</i>	SSC	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	3.09	0.15	0.24	0.00	0.00	0.00	0.00	0.00
Oregon Vesper Sparrow	<i>Pooecetes gramineus affinis</i>	SSC	0.00	1.55	0.00	0.00	2.75	0.00	0.00	0.00	0.00	0.00	3.76	0.00	0.00	0.00	0.97	0.05	0.00	0.00
Purple Martin	<i>Progne subis</i>	SSC	0.00	1.48	0.00	0.00	3.20	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.24	0.00	1.47	0.00	0.19	0.32
Southwestern Willow Flycatcher	<i>Empidonax traillii eximus</i>	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	0.00	0.00	0.22	0.32
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	0.00	1.55	0.00	0.00	0.00	0.00	0.00	0.03	0.00	1.03	0.00	0.00	0.00	0.00	1.47	0.00	0.22	0.32
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	0.00	1.55	0.16	1.03	3.24	3.83	0.00	0.03	0.00	1.03	8.30	0.00	0.00	0.00	1.47	0.00	0.22	0.32
Willow Flycatcher	<i>Empidonax traillii</i>	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	0.00	0.00	0.22	0.32
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	0.00	1.03	3.24	3.83	0.00	0.03	0.00	0.00	8.30	0.15	0.24	0.00	0.00	0.00	0.22	0.00
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	0.00	0.00	0.00	0.00	0.00	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00
Mammals																				
American Badger	<i>Taxidea taxus</i>	SSC	0.38	1.55	0.23	1.03	3.24	3.83	0.00	0.03	4.42	1.03	8.30	0.15	0.24	0.45	1.47	0.05	0.22	0.32
Big Free-Tailed Bat	<i>Nyctinomops macrotis</i>	SSC	0.00	1.55	0.00	0.00	0.00	0.00	0.00	0.00	4.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
California Leaf-Nosed Bat	<i>Macrotus californicus</i>	FS,SSC	0.38	0.00	0.06	0.00	0.00	0.95	0.00	0.00	4.42	0.00	3.59	0.00	0.00	0.00	0.00	0.00	0.02	0.00
Dulzura Pocket Mouse	<i>Chaetodipus californicus femoralis</i>	None	0.00	1.55	0.00	1.03	3.24	3.83	0.00	0.00	0.00	0.00	8.30	0.15	0.00	0.00	0.00	0.05	0.00	0.00
Jacumba Pocket Mouse	<i>Perognathus longimembris internationalis</i>	SSC	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Los Angeles Pocket Mouse	<i>Perognathus longimembris brevinasus</i>	SSC	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	0.00	1.55	0.00	1.03	3.24	3.83	0.00	0.03	4.42	0.00	8.30	0.15	0.24	0.45	1.47	0.05	0.22	0.32
Northwestern San Diego Pocket Mouse	<i>Chaetodipus fallax fallax</i>	None	0.00	1.55	0.00	1.03	0.00	3.83	0.00	0.00	4.42	0.00	8.30	0.00	0.00	0.00	0.00	0.05	0.00	0.00
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.38	1.55	0.23	1.03	3.24	3.83	0.00	0.03	4.42	0.00	8.30	0.15	0.24	0.45	1.47	0.05	0.22	0.32
Palm Springs Pocket Mouse	<i>Perognathus longimembris bangsi</i>	FS,SSC	0.00	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	0.00	0.00	0.00	0.00
Peninsular Bighorn Sheep DPS	<i>Ovis canadensis nelsoni pop. 2</i>	FE,SFP,ST	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pocketed Free-Tailed Bat	<i>Nyctinomops femorosaccus</i>	SSC	0.38	0.00	0.23	0.00	0.00	0.00	0.00	0.00	4.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Diego Desert Woodrat	<i>Neotoma lepida intermedia</i>	SSC	0.00	0.00	0.00	0.34	0.00	3.78	0.00	0.00	0.00	0.00	3.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Southern California Ringtail	<i>Bassariscus astutus octavus</i>	SFP	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	4.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Southern Grasshopper Mouse	<i>Onychomys torridus ramona</i>	SSC	0.38	1.55	0.00	0.00	0.00	3.83	0.00	0.00	4.42	0.00	8.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spotted Bat	<i>Euderma maculatum</i>	FS,SSC	0.38	1.55	0.00	0.00	3.24	3.83	0.00	0.00	4.42	0.00	0.00	0.00	0.24	0.00	1.47	0.05	0.22	0.32
Stephens' Kangaroo Rat	<i>Dipodomys stephensi</i>	FT,ST	0.00	1.23	0.00	0.00	0.00	2.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.38	1.55	0.23	1.03	3.24	3.83	0.00	0.03	4.42	1.03	8.30	0.15	0.24	0.45	1.47	0.05	0.22	0.32
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	0.38	1.55	0.23	1.03	3.24	3.83	0.00	0.03	4.42	1.03	8.30	0.15	0.24	0.45	1.47	0.00	0.22	0.32
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	0.00	1.55	0.00	1.03	3.24	3.83	0.00	0.00	0.00	0.00	8.30	0.15	0.24	0.45	1.47	0.00	0.22	0.32
Western Yellow Bat	<i>Lasiurus xanthinus</i>	SSC	0.00	0.00	0.00	0.00	3.24	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
Reptiles																				
Baja California Coachwhip	<i>Masticophis fuliginosus</i>	SSC	0.00	0.22	0.00	0.07	0.48	0.95	0.00	0.00	0.00	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.02	0.00
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS,SSC	0.38	1.55	0.00	1.03	3.24	3.83	0.00	0.00	0.00	1.03	8.30	0.00	0.24	0.00	1.47	0.00	0.22	0.00
California Glossy Snake	<i>Arizona elegans occidentalis</i>	SSC	0.38	1.55	0.00	1.03	3.24	3.83	0.00	0.00	4.42	0.00	8.30	0.00	0.00	0.00	0.00	0.05	0.00	0.00
Coast Patch-Nosed Snake	<i>Salvadora hexalepis virgulata</i>	SSC	0.00	1.55	0.16	1.03	3.24	3.83	0.00	0.00	0.00	0.00	8.30	0.00	0.00	0.00	0.00	0.05	0.22	0.00
Coastal Whiptail	<i>Aspidoscelis tigris stejnegeri</i>	SSC	0.38	1.55	0.00	1.01	3.24	0.00	0.00	0.00	0.22	0.00	8.30	0.15	0.24	0.00	0.00	0.05	0.22	0.00
Cope's Leopard Lizard	<i>Gambelia copeii</i>	SSC	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	1.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Desert Tortoise	<i>Gopherus agassizii</i>	FT,SE	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	4.20	0.								

Common Name	Species Name	Status	Alkali Desert Scrub	Annual Grassland	Barren	Chamise-Redshank Chaparral	Coastal Oak Woodland	Coastal Scrub	Cropland	Deciduous Orchard	Desert Scrub	Irrigated Row and Field Crops	Mixed Chaparral	Montane Hardwood	Montane Hardwood-Conifer	Pasture	Perennial Grassland	Sagebrush	Valley Foothill Riparian	Wet Meadow
Parish's Meadowfoam	<i>Limnanthes alba ssp. parishii</i>	FS,SE	0.38	1.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.32
Roderick's Fritillary	<i>Fritillaria roderickii</i>	SE	0.00	1.55	0.00	0.00	0.00	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.47	0.00	0.00	0.00
San Diego Ambrosia	<i>Ambrosia pumila</i>	FE	0.00	0.07	0.00	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	0.00	0.00
San Diego Thorn-Mint	<i>Acanthomintha ilicifolia</i>	FT,SE	0.00	0.19	0.00	0.22	0.00	1.94	0.00	0.00	0.00	0.00	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Slender-Horned Spineflower	<i>Dodecahema leptoceras</i>	FE,SE	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small-Leaved Rose	<i>Rosa minutifolia</i>	SE	0.00	0.00	0.00	1.03	0.00	3.83	0.00	0.00	3.17	0.00	8.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spreading Navarretia	<i>Navarretia fossalis</i>	FT	0.00	0.01	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	0.00	0.00
Thread-Leaved Brodiaea	<i>Brodiaea filifolia</i>	FT,SE	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wiggins' Croton	<i>Croton wigginsii</i>	FS,SR	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	0.00	0.00	0.00	0.00	0.00
Willow Monardella	<i>Monardella viminea</i>	FE,SE	0.00	0.00	0.00	0.09	0.03	1.24	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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



District 11 Watershed Impacts to Riparian, Waters, Wetlands, and Fish Species Summary Table

HUC 8 NAME			Riparian	Waters	Wetland
Common Species Name	Scientific Species Name	Listing Status			
Carrizo Creek			0.18	0.01	0.00
N/A	N/A	N/A		0.00	0.00
Cottonwood-Tijuana			0.83	0.25	0.16
Steelhead - Southern California DPS	<i>Oncorhynchus mykiss irideus pop. 10</i>	FE,SE		0.09	0.00
Salton Sea			0.33	0.67	0.00
Desert Pupfish	<i>Cyprinodon macularius</i>	FE, SE		0.02	0.00
San Diego			3.73	1.03	0.03
Steelhead - Southern California DPS	<i>Oncorhynchus mykiss irideus pop. 10</i>	FE,SE		0.87	0.00
San Luis Rey-Escondido			0.72	0.71	0.09
Steelhead - Southern California DPS	<i>Oncorhynchus mykiss irideus pop. 10</i>	FE,SE		0.32	0.00
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.05	0.00
Santa Margarita			0.00	0.01	0.00
N/A	N/A	N/A		0.00	0.00

APPENDIX L

District 12

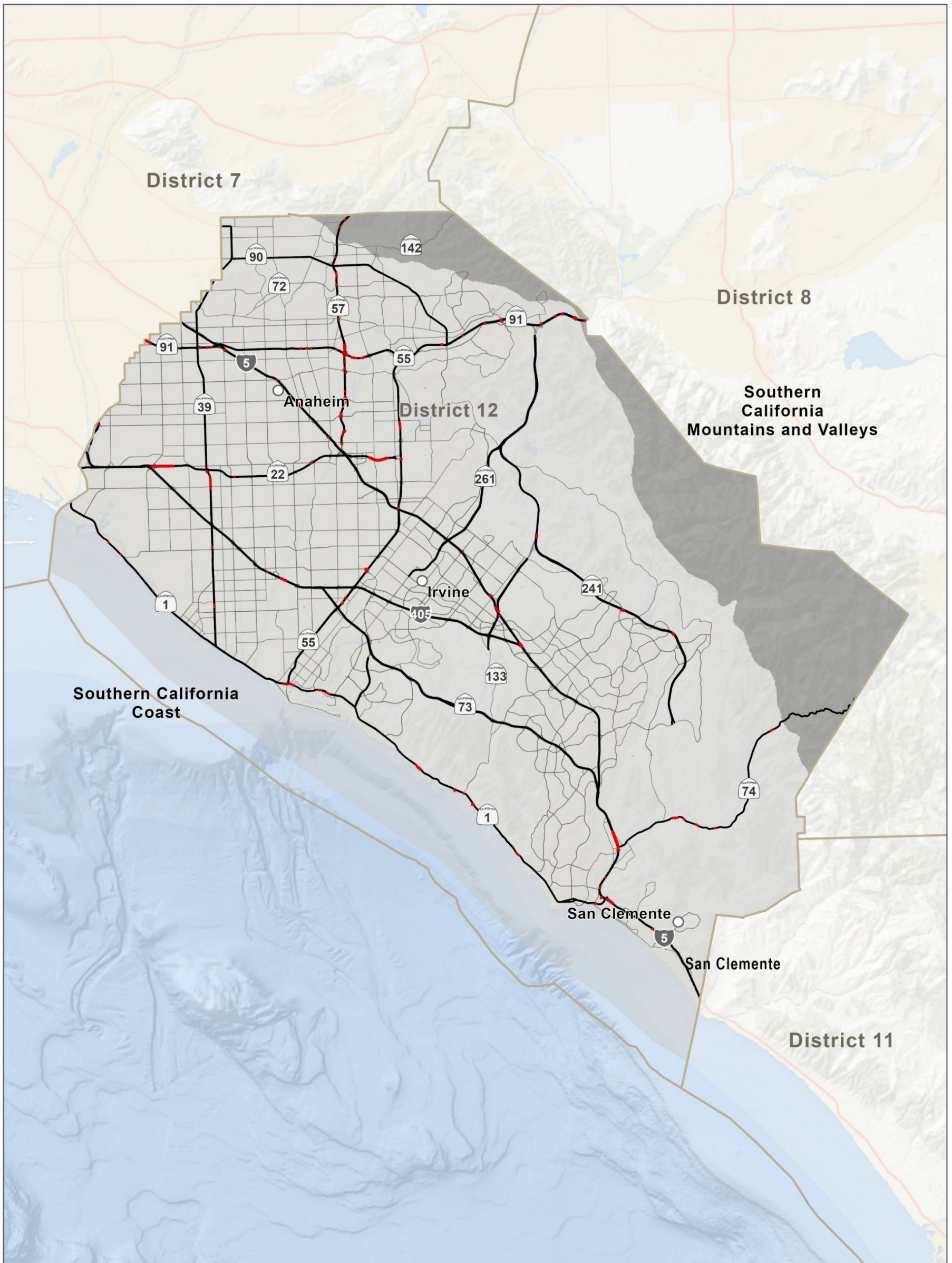
- **Table:** Caltrans District 12 – Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin
- **Map:** Caltrans District 12 – Ecoregion Sections with Potential Transportation Projects
- **Key:** Caltrans District 12 – Ecoregion Section Impact by Species Special Status Species Acronym Key
- **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 Riparian, Waters, Wetlands, and Fish Species Summary Table


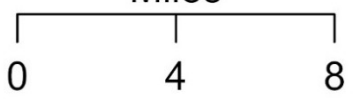
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Caltrans District 12 - Ten-Year Book Projects Summary Table of Footprint Area in Ecoregion Section and in HUC-8 Basin

ID Number	County	Route	Begin Mile	End Mile	Activity	Advertised Year	Ecoregion Section	Footprint in Ecoregion Section (Acres)	HUC 8	Footprint in HUC8 (Acres)
18944	ORA	57	10.8R	R22.5	Bridge - Health	2027/28	Southern California Coast	1.58	San Gabriel	0.78
									Santa Ana	0.39
									Seal Beach	0.41
							Southern California Mountains and Valleys	0.17	San Gabriel	0.17
20619	ORA	74	0	11.5	Pavement	2026/27	Southern California Coast	0.72	Aliso-San Onofre	0.72
20632	ORA	5	0.5	10	Pavement	2025/26	Southern California Coast	3.07	Aliso-San Onofre	3.07
20638	ORA	39	0	8.5	Pavement	2026/27	Southern California Coast	0.62	Santa Ana	0.16
									Seal Beach	0.46
20919	ORA	57	10.734R	15	Pavement	2029/30	Southern California Coast	0.69	Santa Ana	0.25
									Seal Beach	0.44
21718	ORA	22	R11.6	R12.5	Reactive Safety	2023/24	Southern California Coast	5.51	Newport Bay	3.83
									Santa Ana	1.68
21719	ORA	22	R0.9	R9.4	Reactive Safety	2023/24	Southern California Coast	0.09	Seal Beach	0.09
21826	ORA	5	9.6	10.4	Reactive Safety	2023/24	Southern California Coast	4.10	Aliso-San Onofre	4.10
21950	ORA	5	30.3	44.382	Pavement	2025/26	Southern California Coast	0.72	San Gabriel	0.389
									Seal Beach	0.333
22030	ORA	241	14.545	27.8	Pavement	2027/28	Southern California Coast	1.63	Aliso-San Onofre	0.94
									Newport Bay	0.69
22135	ORA	5	10	21.3	Pavement	2024/25	Southern California Coast	0.41	Aliso-San Onofre	0.41
22230	ORA	91	R0.0	4.8	Pavement	2023/24	Southern California Coast	0.58	San Gabriel	0.58
22232	ORA	91	6.432	R9.223	Pavement	2023/24	Southern California Coast	0.05	San Gabriel	0.05
22234	ORA	91	R10.8	R18.9	Mobility - TMS	2023/24	Southern California Coast	0.12	Santa Ana	0.27
							Southern California Mountains and Valleys	0.16		
22260	ORA	57	15.9	15.9	Reactive Safety	2024/25	Southern California Coast	1.47	San Gabriel	1.47
22828	ORA	22	R0.9	R1.9	Reactive Safety	2025/26	Southern California Coast	6.51	Seal Beach	6.51
22966	ORA	5	21.3	R25.8	Pavement	2024/25	Southern California Coast	0.80	Newport Bay	0.80
22968	ORA	5	R25.8	30.3	Pavement	2024/25	Southern California Coast	0.10	Newport Bay	0.10
									Newport Bay	0.27
									Santa Ana	0.26
23357	ORA	22	0	R13.1	Drainage	2031/32	Southern California Coast	1.14	Seal Beach	0.61
									Newport Bay	0.27
									Santa Ana	0.26
23661	ORA	55	T2.3	R6.4	Pavement	2028/29	Southern California Coast	0.26	Newport Bay	0.26
23773	ORA	1	R0.129	10.5	Pavement	2030/31	Southern California Coast	1.64	Aliso-San Onofre	1.64
23777	ORA	605	R0.0	R1.6	Pavement	2032/33	Southern California Coast	0.06	San Gabriel	0.06
23779	ORA	1	17.5	25.9	Pavement	2031/32	Southern California Coast	0.568	Newport Bay	0.568
23780	ORA	1	25.9	33.7	Pavement	2031/32	Southern California Coast	0.07	Seal Beach	0.07
24064	ORA	5	21.1	21.3	Protective Betterments	2028/29	Southern California Coast	0.95	Newport Bay	0.95
24157	ORA	91	R9.8	R18.905	Pavement	2029/30	Southern California Coast	2.25	Santa Ana	2.25
24161	ORA	91	R0.0	R9.8	Drainage	2032/33	Southern California Coast	1.24	San Gabriel	1.24
24200	ORA	55	R6.4	R17.8	Bridge - Health	2029/30	Southern California Coast	0.63	Newport Bay	0.32
									Santa Ana	0.31
24262	ORA	57	15	R22.55	Bridge - Health	2029/30	Southern California Coast	0.30	San Gabriel	0.25
							Southern California Mountains and Valleys		0.05	San Gabriel
24384	ORA	55	0.2	R17.876	Pavement	2023/24	Southern California Coast	0.62	Newport Bay	0.62
24669	ORA	133	9	10.5	Drainage	2032/33	Southern California Coast	0.33	Newport Bay	0.33
24813	ORA	405	11.4	16.9	Pavement	2024/25	Southern California Coast	0.24	Santa Ana	0.24
24922	ORA	1	11.6	12.2	Sustainability/Climate Change	2032/33	Southern California Coast	1.23	Aliso-San Onofre	0.81
									Newport Bay	0.42

Caltrans District 12 - Ecoregion Sections with Potential Transportation Projects



 <p>Miles</p> 	<ul style="list-style-type: none"> ○ City — Highway — Major Road ■ District 12 Transportation Project □ Caltrans District 	<p>ECOREGION SECTIONS WITH POTENTIAL TRANSPORTATION PROJECTS FOR CALTRANS DISTRICT 12</p>
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Ecoregion Section Impact by Species

Special Status Species Acronym Key

District 12

FE = Federally Endangered

FT = Federally Threatened

SE = State Endangered

ST = State Threatened

FCT = Federal Candidate Threatened

FCE = Federal Candidate Endangered

SCT = State Candidate Threatened

SCE = State Candidate Endangered

SFP = State Fully Protected Species

SSC = State Species of Concern

SR = State Rare Species

FS = Federal Sensitive Species (includes USFS sensitive and/or BLM Sensitive)

SFS = State Fire Sensitive

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Common Name	Species Name	Status	Annual	Barren	Coastal	Coastal	Eucalyptus	Evergreen	Mixed	Montane	Pasture	Riverine;	Valley
			Grassland		Oak	Scrub		Orchard	Chaparral	Riparian	Barren	Foothill	
Total:			0.97	0.19	0.13	0.85	0.07	0.01	0.03	0.04	0.02	0.01	0.12
Amphibians													
Arroyo Toad	<i>Anaxyrus californicus</i>	FE,SSC	0.00	0.00	0.00	0.00	0.07	0.00	0.03	0.00	0.00	0.00	0.12
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	0.97	0.00	0.13	0.85	0.07	0.00	0.03	0.04	0.00	0.01	0.12
Coast Range Newt	<i>Taricha torosa</i>	SSC	0.46	0.00	0.07	0.13	0.07	0.00	0.03	0.00	0.00	0.00	0.12
Foothill Yellow Legged Frog - South Coast DPS	<i>Rana boylei</i>	FE, SE, FS	0.97	0.00	0.13	0.85	0.07	0.00	0.03	0.04	0.00	0.01	0.12
Western Spadefoot	<i>Spea hammondi</i>	FCT,FS,SSC	0.97	0.00	0.13	0.85	0.07	0.01	0.03	0.00	0.00	0.01	0.00
Birds													
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	SFS	0.46	0.00	0.06	0.23	0.00	0.00	0.00	0.04	0.00	0.00	0.00
California Least Tern	<i>Sterna antillarum browni</i>	FE,SE,SFP	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
California Spotted Owl	<i>Strix occidentalis occidentalis</i>	FS,SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
Coastal Cactus Wren	<i>Campylorhynchus brunneicapillus sandiegensis</i>	FS,SSC	0.00	0.00	0.00	0.27	0.00	0.00	0.03	0.00	0.00	0.00	0.00
Coastal California Gnatcatcher 2	<i>Polioptila californica californica</i>	FT, SSC	0.93	0.00	0.13	0.85	0.07	0.00	0.03	0.00	0.00	0.00	0.12
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	0.52	0.19	0.07	0.62	0.07	0.00	0.03	0.00	0.00	0.01	0.12
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	0.92	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00
Least Bell's Vireo	<i>Vireo bellii pusillus</i>	FE,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Least Bittern	<i>Botaurus exilis</i>	SSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Light-Footed Clapper Rail	<i>Rallus obsoletus levipus</i>	FE,SE,SFP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.97	0.19	0.13	0.85	0.07	0.00	0.03	0.04	0.00	0.01	0.12
Long-Billed Curlew	<i>Numenius americanus</i>	None	0.52	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
Long-Eared Owl	<i>Asio otus</i>	SSC	0.52	0.00	0.07	0.00	0.07	0.00	0.03	0.00	0.00	0.00	0.12
Northern Harrier	<i>Circus hudsonius</i>	SSC	0.28	0.19	0.00	0.49	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Oregon Vesper Sparrow	<i>Poocetes gramineus affinis</i>	SSC	0.46	0.00	0.07	0.00	0.07	0.00	0.03	0.00	0.00	0.00	0.00
Southwestern Willow Flycatcher	<i>Empidonax traillii extimus</i>	FE,SE	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.04	0.00	0.00	0.12
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	0.97	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.12
Western Snowy Plover	<i>Anarhynchus nivosus nivosus</i>	FT,SSC	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Western Yellow-Billed Cuckoo	<i>Coccyzus americanus occidentalis</i>	FS,FT,SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	0.97	0.19	0.13	0.85	0.07	0.01	0.03	0.00	0.00	0.01	0.12
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.04	0.00	0.00	0.12
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.00	0.13	0.85	0.07	0.00	0.03	0.04	0.00	0.00	0.12
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.04	0.00	0.00	0.12
Yellow-Headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	SSC	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mammals													
American Badger	<i>Taxidea taxus</i>	SSC	0.97	0.19	0.13	0.85	0.07	0.01	0.03	0.04	0.02	0.01	0.12
Dulzura Pocket Mouse	<i>Chaetodipus californicus femoralis</i>	None	0.00	0.00	0.06	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	0.97	0.00	0.13	0.85	0.07	0.01	0.03	0.04	0.02	0.00	0.12
Northwestern San Diego Pocket Mouse	<i>Chaetodipus fallax fallax</i>	None	0.52	0.00	0.00	0.62	0.00	0.00	0.03	0.00	0.00	0.00	0.00
Pacific Pocket Mouse	<i>Perognathus longimembris pacificus</i>	FE,SCE,SSC	0.00	0.00	0.07	0.34	0.00	0.00	0.03	0.00	0.00	0.00	0.00
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.97	0.19	0.13	0.85	0.07	0.01	0.03	0.04	0.02	0.01	0.12
Pocketed Free-Tailed Bat	<i>Nyctinomops femorosaccus</i>	SSC	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
San Diego Desert Woodrat	<i>Neotoma lepida intermedia</i>	SSC	0.00	0.00	0.00	0.85	0.00	0.00	0.03	0.00	0.00	0.00	0.00
South Coast Marsh Vole	<i>Microtus californicus stephensi</i>	SSC	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Southern California Saltmarsh Shrew	<i>Sorex ornatus salicornicus</i>	SSC	0.16	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spotted Bat	<i>Euderma maculatum</i>	FS,SSC	0.00	0.00	0.06	0.09	0.00	0.00	0.00	0.04	0.00	0.00	0.00
Stephens' Kangaroo Rat	<i>Dipodomys stephensi</i>	FT,ST	0.46	0.00	0.00	0.13	0.07	0.00	0.00	0.00	0.00	0.00	0.00
Townsend's Big-Eared Bat	<i>Corynomys townsendii</i>	FS,SSC	0.97	0.19	0.13	0.85	0.07	0.01	0.03	0.04	0.02	0.01	0.12
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	0.97	0.19	0.13	0.85	0.07	0.01	0.03	0.04	0.02	0.01	0.12
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	0.97	0.00	0.13	0.85	0.07	0.00	0.03	0.04	0.02	0.01	0.12
Western Yellow Bat	<i>Lasiurus xanthinus</i>	SSC	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
Reptiles													
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS,SSC	0.97	0.00	0.13	0.85	0.07	0.00	0.03	0.00	0.00	0.00	0.12
California Glossy Snake	<i>Arizona elegans occidentalis</i>	SSC	0.97	0.00	0.13	0.85	0.07	0.00	0.03	0.00	0.00	0.00	0.00
Coast Patch-Nosed Snake	<i>Salvadora hexalepis virgulata</i>	SSC	0.48	0.14	0.13	0.59	0.07	0.00	0.03	0.00	0.00	0.01	0.12
Coastal Whiptail	<i>Aspidoscelis tigris stejnegeri</i>	SSC	0.45	0.00	0.13	0.00	0.07	0.00	0.03	0.04	0.00	0.00	0.12
Red Diamond Rattlesnake	<i>Crotalus ruber</i>	FS,SSC	0.92	0.19	0.13	0.85	0.07	0.00	0.03	0.00	0.00	0.01	0.12
San Diego Banded Gecko	<i>Coleonyx variegatus abbotti</i>	SSC	0.00	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00
San Francisco Gartersnake	<i>Thamnophis sirtalis tetrataenia</i>	FE,SE,SFP	0.97	0.00	0.13	0.85	0.07	0.01	0.03	0.04	0.02	0.00	0.12
Southern California Legless Lizard	<i>Anniella stebbinsi</i>	FS,SSC	0.00	0.19	0.00	0.85	0.00	0.00	0.03	0.00	0.00	0.01	0.00
Southwestern Pond Turtle	<i>Actinemys pallida</i>	FCT,FS,SSC	0.97	0.00	0.13	0.85	0.07	0.00	0.03	0.04	0.02	0.01	0.12
Two-Striped Gartersnake	<i>Thamnophis hammondi</i>	FS,SSC	0.97	0.00	0.13	0.85	0.07	0.00	0.03	0.04	0.00	0.01	0.12
Invertebrates													
Crotch's Bumble Bee	<i>Bombus crotchii</i>	SCE	0.97	0.19	0.13	0.85	0.07	0.01	0.03	0.04	0.02	0.01	0.12
Quino Checkerspot Butterfly	<i>Euphydryas editha quino</i>	FE,SCE	0.00	0.00	0.00	0.18	0.00	0.00	0.03	0.00	0.00	0.00	0.00
Riverside Fairy Shrimp	<i>Streptocephalus woottoni</i>	FE	0.24	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Diego Fairy Shrimp	<i>Branchinecta sandiegonensis</i>	FE	0.24	0.00	0.00	0.08	0.00	0.00	0.03	0.00	0.00	0.00	0.00
Plants													
Baja California Birdbush	<i>Ornithostaphylos oppositifolia</i>	SE	0.00	0.00	0.00	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Beach Spectaclepod	<i>Dithyrea maritima</i>	FS,ST	0.00	0.00	0.00	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Braunton's Milk-Vetch	<i>Astragalus brauntonii</i>	FE	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cuyamaca Lake Downingia	<i>Downingia concolor var. brevior</i>	SE	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cuyamaca Larkspur	<i>Delphinium hesperium ssp. cuyamaca</i>	FS,SR	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dehesa Nolina	<i>Nolina interrata</i>	FS,SE	0.00	0.00	0.00	0.36	0.00	0.00	0.03	0.00	0.00	0.00	0.00
Dunn's Mariposa Lily	<i>Calochortus dunnii</i>	FS,SR	0.44	0.00	0.00	0.36	0.00	0.00	0.03	0.00	0.00	0.00	0.00
Gander's Ragwort	<i>Packera ganderi</i>	FS,SR	0.00	0.00	0.00	0.36	0.00	0.00	0.03	0.00	0.00	0.00	0.00
Laguna Beach Liveforever	<i>Dudleya stolonifera</i>	FT,ST	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Common Name	Species Name	Status	Annual Grassland	Barren	Coastal Oak Woodland	Coastal Scrub	Eucalyptus	Evergreen Orchard	Mixed Chaparral	Montane Riparian	Pasture	Riverine; Barren	Valley Foothill Riparian
		Total:	0.97	0.19	0.13	0.85	0.07	0.01	0.03	0.04	0.02	0.01	0.12
Mojave Tarplant	<i>Deinandra mohavensis</i>	FS,SE	0.00	0.00	0.00	0.36	0.00	0.00	0.03	0.04	0.00	0.00	0.12
Mt. Laguna Aster	<i>Dieteria asteroides var. laqunensis</i>	FS,SR	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Orcutt's Hazardia	<i>Hazardia orcuttii</i>	ST	0.00	0.00	0.00	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parish's Meadowfoam	<i>Limnanthes alba ssp. parishii</i>	FS,SE	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Roderick's Fritillary	<i>Fritillaria roderickii</i>	SE	0.97	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Santa Monica Mountains Dudleyea	<i>Dudleyea cymosa ssp. ovatifolia</i>	FT	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Short-Leaved Dudleyea	<i>Dudleyea brevifolia</i>	SE	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small-Leaved Rose	<i>Rosa minutifolia</i>	SE	0.00	0.00	0.00	0.36	0.00	0.00	0.03	0.00	0.00	0.00	0.00
Thread-Leaved Brodiaea	<i>Brodiaea filifolia</i>	FT,SE	0.24	0.00	0.07	0.10	0.00	0.00	0.03	0.00	0.00	0.00	0.00

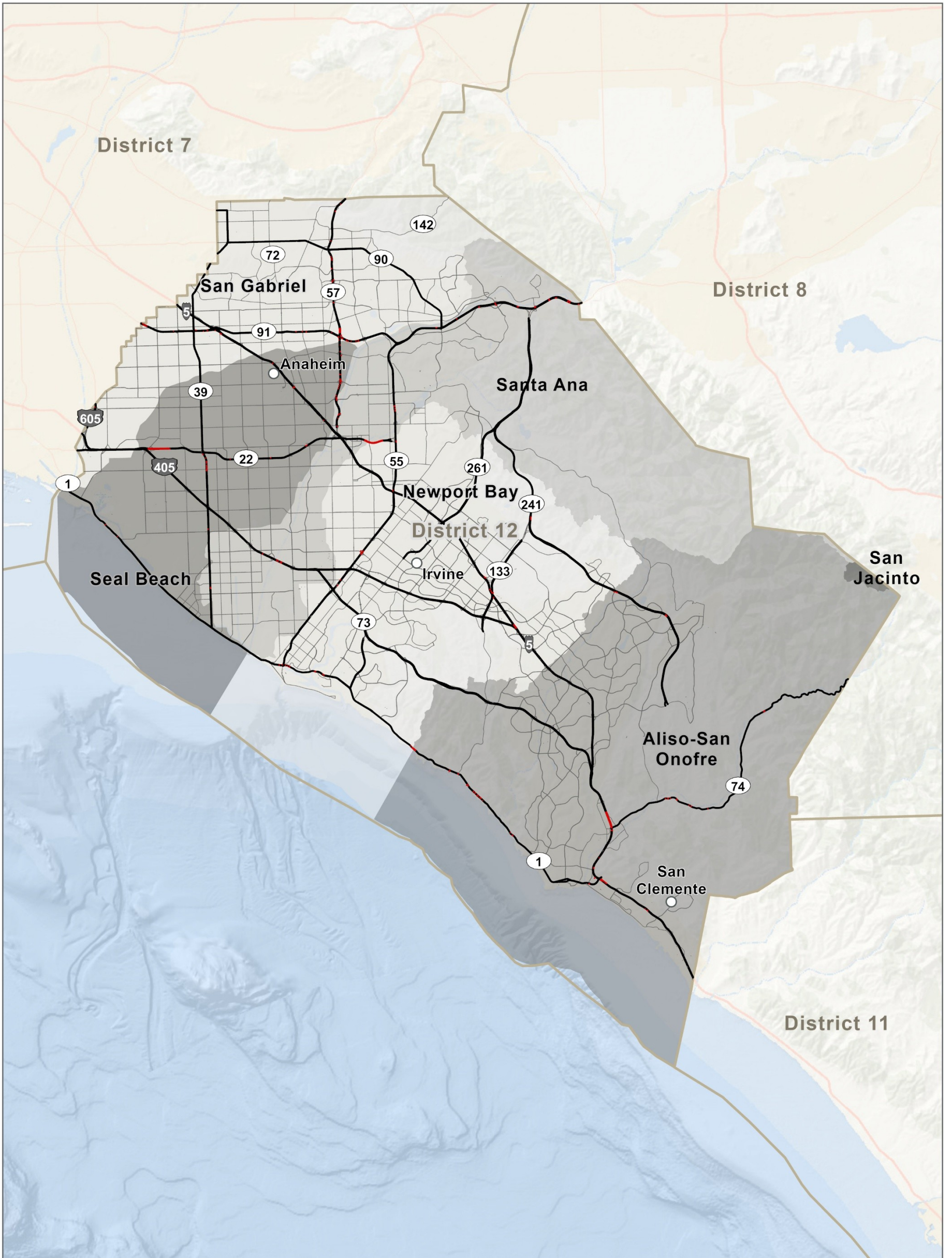
District 12 Southern California Mountains and Valleys Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grassland	Coastal Oak Woodland	Mixed Chaparral	Valley Foothill Riparian
		Total:	0.17	0.04	0.05	0.10
Amphibians						
Arroyo Toad	<i>Anaxyrus californicus</i>	FE,SSC	0.00	0.00	0.00	0.10
California Red-Legged Frog	<i>Rana draytonii</i>	FT,SSC	0.17	0.04	0.05	0.10
Foothill Yellow Legged Frog - South Coast DPS	<i>Rana boylei</i>	FE, SE, FS	0.17	0.04	0.05	0.10
Western Spadefoot	<i>Spea hammondi</i>	FCT,FS,SSC	0.17	0.04	0.05	0.00
Birds						
Coastal California Gnatcatcher 2	<i>Polioptila californica californica</i>	FT, SSC	0.17	0.04	0.05	0.10
Golden Eagle	<i>Aquila chrysaetos</i>	FS,SFP,SFS	0.17	0.04	0.05	0.10
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	SSC	0.17	0.00	0.00	0.00
Least Bell's Vireo	<i>Vireo bellii pusillus</i>	FE,SE	0.00	0.00	0.00	0.10
Loggerhead Shrike	<i>Lanius ludovicianus</i>	SSC	0.17	0.04	0.05	0.10
Long-Eared Owl	<i>Asio otus</i>	SSC	0.17	0.04	0.05	0.10
Oregon Vesper Sparrow	<i>Pooecetes gramineus affinis</i>	SSC	0.17	0.04	0.05	0.00
Purple Martin	<i>Progne subis</i>	SSC	0.17	0.04	0.00	0.10
Southwestern Willow Flycatcher	<i>Empidonax traillii extimus</i>	FE,SE	0.00	0.00	0.00	0.10
Tricolored Blackbird	<i>Agelaius tricolor</i>	FS,SSC,ST	0.17	0.00	0.00	0.10
Western Yellow-Billed Cuckoo	<i>Coccyzus americanus occidentalis</i>	FS,FT,SE	0.00	0.00	0.00	0.10
White-Tailed Kite	<i>Elanus leucurus</i>	FS,SFP	0.17	0.04	0.05	0.10
Willow Flycatcher	<i>Empidonax traillii</i>	FS,SE	0.00	0.00	0.00	0.10
Yellow Warbler	<i>Setophaga petechia</i>	SSC	0.00	0.04	0.05	0.10
Yellow-Breasted Chat	<i>Icteria virens</i>	SSC	0.00	0.00	0.00	0.10
Mammals						
American Badger	<i>Taxidea taxus</i>	SSC	0.17	0.04	0.05	0.10
Dulzura Pocket Mouse	<i>Chaetodipus californicus femoralis</i>	None	0.00	0.04	0.00	0.00
Mountain Lion - Central Coast & Southern California DPS	<i>Puma concolor</i>	ST	0.17	0.04	0.05	0.10
Northwestern San Diego Pocket Mouse	<i>Chaetodipus fallax fallax</i>	None	0.17	0.00	0.05	0.00
Pallid Bat	<i>Antrozous pallidus</i>	FS,SSC	0.17	0.04	0.05	0.10
San Diego Desert Woodrat	<i>Neotoma lepida intermedia</i>	SSC	0.00	0.00	0.05	0.00
South Coast Marsh Vole	<i>Microtus californicus stephensi</i>	SSC	0.17	0.00	0.05	0.00
Spotted Bat	<i>Euderma maculatum</i>	FS,SSC	0.17	0.04	0.00	0.10
Stephens' Kangaroo Rat	<i>Dipodomys stephensi</i>	FT,ST	0.17	0.00	0.00	0.00
Townsend's Big-Eared Bat	<i>Corynorhinus townsendii</i>	FS,SSC	0.17	0.04	0.05	0.10
Western Mastiff Bat	<i>Eumops perotis californicus</i>	FS,SSC	0.17	0.04	0.05	0.10
Western Red Bat	<i>Lasiurus frantzii</i>	SSC	0.17	0.04	0.05	0.10
Western Yellow Bat	<i>Lasiurus xanthinus</i>	SSC	0.00	0.04	0.00	0.10
Reptiles						
Blainville's Horned Lizard	<i>Phrynosoma blainvillii</i>	FS, SSC	0.17	0.04	0.05	0.10
California Glossy Snake	<i>Arizona elegans occidentalis</i>	SSC	0.17	0.04	0.05	0.00
Coast Patch-Nosed Snake	<i>Salvadora hexalepis virgultea</i>	SSC	0.17	0.04	0.05	0.10
Coastal Whiptail	<i>Aspidoscelis tigris stejnegeri</i>	SSC	0.17	0.04	0.05	0.10
Red Diamond Rattlesnake	<i>Crotalus ruber</i>	FS,SSC	0.17	0.04	0.05	0.10
San Francisco Gartersnake	<i>Thamnophis sirtalis tetrataenia</i>	FE,SE,SFP	0.17	0.04	0.05	0.10

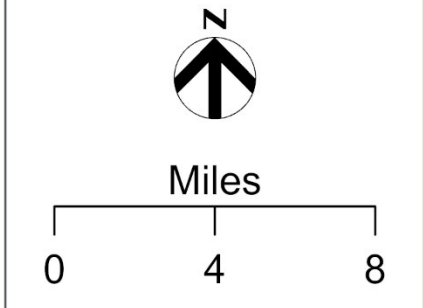
District 12 Southern California Mountains and Valleys Ecoregion Section Impact by Species Summary Table

Common Name	Species Name	Status	Annual Grassland	Coastal Oak Woodland	Mixed Chaparral	Valley Foothill Riparian
Southern California Legless Lizard	<i>Anniella stebbinsi</i>	FS,SSC	0.00	0.00	0.05	0.00
Southwestern Pond Turtle	<i>Actinemys pallida</i>	FCT,FS,SSC	0.17	0.04	0.05	0.10
Two-Striped Gartersnake	<i>Thamnophis hammondi</i>	FS,SSC	0.17	0.04	0.05	0.10
Plants						
Cuyamaca Lake Downingia	<i>Downingia concolor var. brevior</i>	SE	0.00	0.00	0.00	0.00
Cuyamaca Larkspur	<i>Delphinium hesperium ssp. cuyamacae</i>	FS,SR	0.00	0.00	0.00	0.00
Dehesa Nolina	<i>Nolina interrata</i>	FS,SE	0.00	0.00	0.05	0.00
Dunn's Mariposa Lily	<i>Calochortus dunnii</i>	FS,SR	0.00	0.00	0.05	0.00
Gander's Ragwort	<i>Packera ganderi</i>	FS,SR	0.00	0.00	0.05	0.00
Mojave Tarplant	<i>Deinandra mohavensis</i>	FS,SE	0.00	0.00	0.05	0.10
Mt. Laguna Aster	<i>Dieteria asteroides var. lagunensis</i>	FS,SR	0.00	0.04	0.00	0.00
Parish's Meadowfoam	<i>Limnanthes alba ssp. parishii</i>	FS,SE	0.00	0.00	0.00	0.00
Roderick's Fritillary	<i>Fritillaria roderickii</i>	SE	0.17	0.00	0.00	0.00
Short-Leaved Dudleya	<i>Dudleya brevifolia</i>	SE	0.17	0.00	0.00	0.00
Small-Leaved Rose	<i>Rosa minutifolia</i>	SE	0.00	0.00	0.05	0.00
Invertebrate						
Crotch's Bumble Bee	<i>Bombus crotchii</i>	SCE	0.17	0.04	0.05	0.10

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



**HYDROLOGIC UNITS (HUC8)
WITH POTENTIAL
TRANSPORTATION
PROJECTS FOR
CALTRANS
DISTRICT 12**



- City
- Highway
- Major Road
- District 12 Transportation Project
- ▭ CalTrans District

District 12 Watershed Impacts to Riparian, Waters, Wetlands, and Fish Species Summary Table

HUC 8 NAME			Riparian	Waters	Wetland
Common Species Name	Scientific Species Name	Listing Status			
Aliso-San Onofre			0.13	0.07	0.00
Steelhead - Southern California DPS	<i>Oncorhynchus mykiss irideus</i> pop. 10	FE,SE		0.02	0.00
Tidewater Goby	<i>Eucyclogobius newberryi</i>	FE,SSC		0.02	0.00
Newport Bay			0.03	0.00	0.00
N/A	N/A	N/A		0.00	0.00
San Gabriel			0.08	0.01	0.00
Steelhead - Southern California DPS	<i>Oncorhynchus mykiss irideus</i> pop. 10	FE,SE		0.01	0.00
Santa Ana			0.34	0.10	0.00
Santa Ana Sucker	<i>Pantosteus santaanae</i>	FT,SSC		0.10	0.00
Steelhead - Southern California DPS	<i>Oncorhynchus mykiss irideus</i> pop. 10	FE,SE		0.10	0.00
Seal Beach			0.06	0.00	0.00
N/A	N/A	N/A		0.00	0.00