

Table 5-4. Existing Extent Modeled Covered Species Habitat Types and Covered Plant Species Occurrences within CAZs and UPAs

Covered Species Modeled or Mapped Habitat Type and Plant Occurrences	CAZs and UPAs (acres unless otherwise noted in the first column)																														Sacramento River CAZ	Total
	Cascade Foothills CAZ						Sierra Foothills CAZ					Northern Orchards CAZ						Southern Orchards CAZ					Basin CAZ									
	Outside UPAs	Chico	State Route-99	Foothill Area	Neal Road Drop Off & Recycling Facility	Total	Outside UPAs	Honcut	Oroville	Bangor	Foothill Area	Total	Outside UPAs	Chico	Chico Wastewater Treatment Plant	Dayton	Durham	Nord	State Route-99	Total	Outside UPAs	Gridley-Biggs	Gridley Wastewater Treatment Plant	Oroville	Total	Outside UPAs	Nelson	Richvale	State Route-99	Total		
<b>Tricolored Blackbird</b>																																
Breeding and Foraging Habitat	39,615	5,703	101	972	717	47,108	40,640	6	11,259	157	144	52,207	11,860	321	0	0	0	0	135	12,315	5,787	4,059	0	8	9,854	131,755	68	11	76	131,909	15,274	268,666
<b>Yellow-breasted Chat</b>																																
Subtotal	48,498	9,118	101	1,453	924	60,095	49,777	6	16,579	653	424	67,439	13,377	752	1	0	1	0	135	14,264	7,192	4,188	38	34	11,452	132,652	68	11	76	132,806	18,264	304,321
<b>Bald Eagle</b>																																
Nesting Habitat	3,700	3,539	0	74	0	7,313	4,165	0	4,788	0	1,164	10,117	967	312	0	0	1	0	0	1,279	1,615	0	18	9	1,642	265	0	0	0	265	3,211	23,827
Year-round Foraging Habitat	23	124	0	0	0	147	3,921	0	1,411	0	1	5,334	423	7	0	0	0	0	0	430	559	0	8	0	567	48	0	0	0	48	886	7,411
Seasonal Foraging Habitat	21,504	2,593	55	24	141	24,316	11,473	0	1,998	0	0	13,471	5,456	42	0	0	0	0	11	5,508	1,870	1,182	0	0	3,052	129,354	68	11	17	129,449	6,222	182,018
Subtotal	25,227	6,256	55	98	141	31,777	19,559	0	8,197	0	1,165	28,921	6,846	360	0	0	1	0	11	7,217	4,045	1,182	26	9	5,261	129,666	68	11	17	129,761	10,318	213,256
<b>Giant Garter Snake</b>																																
Breeding and Movement Habitat: Rice	2,092	0	0	0	0	2,092	3,817	0	0	0	0	3,817	2,928	0	0	0	0	0	0	2,928	1,870	1,182	0	0	3,052	107,483	68	11	0	107,562	774	120,225
Breeding and Movement Habitat: Managed and Emergent Wetlands, Willow Scrub	101	0	0	0	0	101	429	0	76	0	0	505	964	1	3	0	3	0	0	971	882	52	0	0	933	22,561	0	0	0	22,561	7,813	32,883
Breeding and Movement Habitat: Adjoining Cropland	65	0	0	0	0	65	2,612	0	98	0	0	2,710	796	0	0	0	0	0	0	796	1,843	2,655	0	0	4,498	447	0	0	0	447	5,491	14,008
Subtotal (acreage)	2,258	0	0	0	0	2,258	6,857	0	175	0	0	7,032	4,688	1	3	0	3	0	0	4,695	4,595	3,889	0	0	8,484	130,491	68	11	0	130,570	14,077	167,116
Movement Habitat: Connected Waterways (linear miles)	5.3	14.9	0.0	0.0	0.0	20.1	50.6	0.2	3.1	0.0	0.0	53.9	195.1	14.9	0.1	0.2	0.0	0.0	0.0	210.2	58.9	25.9	0.0	0.0	84.8	33.7	0.0	0.3	0.3	34.3	59.3	462.6
<b>Blainville's horned Lizard<sup>1</sup></b>																																
Western Pond Turtle																																
Aquatic Habitat: Emergent Wetland	286	41	0	1	0	328	464	0	197	14	7	682	582	0	0	0	0	0	0	582	680	0	0	0	680	654	0	0	0	654	1,514	4,440
Nesting and Movement Habitat	18,852	4,336	0	900	114	24,202	13,192	1	6,160	254	65	19,672	3,714	300	4	0	4	0	13	4,035	322	0	4	8	334	2,190	0	0	0	2,190	4,782	55,215
Aquatic, Nesting and Movement Habitat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,038	0	0	0	20,038	5,448	25,486
Subtotal	19,138	4,377	0	901	114	24,530	13,656	1	6,357	268	72	20,354	4,296	300	4	0	4	0	13	4,617	1,001	0	4	8	1,014	22,882	0	0	0	22,882	11,744	85,142
Aquatic Habitat - pond (number)	63	16	0	5	1	85	58	0	48	0	1	107	5	0	0	0	0	0	0	5	0	0	0	0	4	0	0	0	4	3	204	
Aquatic Habitat-perennial streams (linear miles)	19.3	15.1	0.0	1.4	0.0	35.9	13.7	0.0	3.4	0.5	0.0	17.5	14.1	3.8	0.0	0.0	0.0	0.0	0.0	17.9	0.0	0.0	0.0	0.0	0.0	34.4	0.0	0.0	0.0	34.4	5.1	110.9
<b>Foothill Yellow-legged Frog</b>																																
Habitat - within 130ft of Perennial Streams	866	494	0	179	0	1,539	165	0	394	14	0	573	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,113
Habitat - within 130ft of Intermittent Streams	3,196	274	0	183	9	3,662	3,397	0	1,488	263	109	5,257	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,918
Subtotal	4,061	768	0	362	9	5,201	3,562	0	1,882	277	109	5,830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11,031
<b>Western Spadefoot Toad</b>																																
Breeding Habitat: Non-pond	266	0	0	1	0	267	422	0	114	7	4	545	435	0	0	0	0	0	0	435	6	0	0	0	6	99	0	0	0	99	858	2,211
Breeding and Upland Habitat	19,442	2,559	55	24	141	22,221	5,599	0	2,020	0	0	7,619	2,527	42	0	0	0	0	11	2,580	1	1	0	0	2	1,803	0	0	17	1,819	0	34,241
Upland Habitat	20,479	4,156	47	1,041	722	26,444	29,357	6	9,528	436	191	39,518	1,927	209	0	0	0	0	124	2,260	322	0	0	8	331	1,138	0	0	59	1,197	1,762	71,512
Subtotal	40,187	6,715	101	1,066	863	48,932	35,377	6	11,662	443	194	47,682	4,889	250	0	0	0	0	135	5,275	330	1	0	8	339	3,040	0	0	76	3,116	2,620	107,963
Breeding Habitat (no. of ponds)	62	16	0	5	1	84	53	0	45	0	1	99	5	0	0	0	0	0	5	0	0	0	0	0	4	0	0	0	4	3	195	
Breeding Habitat-perennial/intermittent streams (linear miles)	118	23	1	3	3	147	118	0	38	1	1	158	34	2	0	0	0	0	0	36	0	0	0	0	0	20	0	0	0	21	18	380
<b>Central Valley Steelhead</b>																																
Adult migration; juvenile rearing and migration habitat (linear miles)	0.0	5.1	0.0	0.0	0.0	5.1	0.0	0.0	0.3	0.0	0.0	0.3	19.2	3.1	0.0	0.0	0.1	0.0	0.0	22.4	13.6	0.0	0.2	0.0	13.8	22.2	0.0	0.0	0.0	22.2	21.0	84.7
Adult spawning and migration; juvenile rearing and migration habitat (linear miles)	14.4	24.1	0.0	0.0	0.0	38.4	0.0	0.0	7.9	0.0	0.0	7.9	19.5	6.7	0.1	0.0	0.0	0.0	0.0	26.3	0.0	0.0	0.0	0.0	0.0	23.9	0.0	0.0	0.0	23.9	9.2	105.8
Non-natal juvenile rearing habitat (linear miles)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	
Subtotal	14.4	29.1	0.0	0.0	0.0	43.5	0.0	0.0	8.3	0.0	0.0	8.3	45.4	9.8	0.1	0.0	0.1	0.0	0.0	55.3	13.6	0.0	0.2	0.0	13.8	46.1	0.0	0.0	0.0	46.1	30.2	197.1
<b>Central Valley Spring-run Chinook Salmon</b>																																
Adult migration; juvenile rearing and migration habitat (linear miles)	0.0	10.5	0.0	0.0	0.0	10.5	0.0	0.0	0.4	0.0	0.0	0.4	23.6	6.4	0.0	0.0	0.1	0.0	0.0	30.0	13.6	0.0	0.2	0.0	13.8	22.2	0.0	0.0	0.0	22.2	20.9	97.7
Adult spawning and migration; juvenile rearing and migration habitat (linear miles)	0.5	11.9	0.0	0.0	0.0	12.4	0.0	0.0	7.9	0.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.2
Non-natal juvenile rearing habitat (linear miles)	0.4	1.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	29.3	1.0	0.0	0.0	0.0	0.0	0.0	30.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	33.0	
Subtotal	0.9	23.3	0.0	0.0	0.0	24.2	0.0	0.0	8.2	0.0	0.0	8.2	52.9	7.4	0.0	0.0	0.1	0.0	0.0	60.4	13.6	0.0	0.2	0.0	13.8	22.2	0.0	0.0	0.0	22.2	22.2	151.0
<b>Central Valley Fall/Late Fall-run Chinook Salmon</b>																																
Adult migration; juvenile rearing and migration habitat (linear miles)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	0.0	0.0	0.0	0.0	0.0	0.0	13.5	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	20.0	20.9	54.5
Adult spawning and migration; juvenile rearing and migration habitat (linear miles)	5.5	21.0	0.0	0.0	0.0	26.5	0.0	0.0	8.2	0.0	0.0	8.2	25.8	7.0	0.1	0.0	0.1	0.0	0.0	33.0	13.6	0.0	0.2	0.0	13.8	2.2	0.0	0.0	0.0	2.2	8.3	92.0
Non-natal juvenile rearing habitat (linear miles)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	
Subtotal	5.5	21.0	0.0	0.0	0.0	26.5	0.0	0.0	8.2	0.0	0.0	8.2	44.4	7.0	0.1	0.0	0.1	0.0	0.0													

<b>Conservancy Fairy Shrimp<sup>1</sup></b>																																				
No. of Occurrences	2	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
<b>Vernal Pool Fairy Shrimp</b>																																				
Habitat	19,442	2,559	55	24	141	22,221	5,599	0	2,020	0	0	7,619	2,527	42	0	0	0	0	11	2,580	1	1	0	0	2	1,803	0	0	17	1,819	0	0	0	0	34,241	
No. of Occurrences	4	1	0	0	0	5	2	0	20	0	0	22	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	29
<b>Ferris' Milkvetch</b>																																				
Habitat	37	420	0	0	0	457	2	0	0	0	0	2	770	53	0	0	0	0	0	823	1	10	0	0	12	207	0	0	20	227	686	0	0	2,208		
No. of Occurrences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5	3	0	0	8		
<b>Lesser Saltscall<sup>1</sup></b>																																				
No. of Occurrences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
<b>Hoover's Spurge</b>																																				
Habitat	19,442	2,559	55	24	141	22,221	5,599	0	2,020	0	0	7,619	2,527	42	0	0	0	0	11	2,580	1	1	0	0	2	1,803	0	0	17	1,819	0	0	0	0	34,241	
No. of Occurrences	1	0	0	0	0	1	0	0	0	0	0	0	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
<b>Ahart's Dwarf Rush</b>																																				
Habitat	19,442	2,559	55	24	141	22,221	5,599	0	2,020	0	0	7,619	2,527	42	0	0	0	0	11	2,580	1	1	0	0	2	1,803	0	0	17	1,819	0	0	0	0	34,241	
No. of Occurrences	0	0	0	0	0	0	14	0	3	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	
<b>Red Bluff Dwarf Rush</b>																																				
Habitat	19,442	2,559	55	24	141	22,221	5,599	0	2,020	0	0	7,619	2,527	42	0	0	0	0	11	2,580	1	1	0	0	2	1,803	0	0	17	1,819	0	0	0	0	34,241	
No. of Occurrences	1	0	0	0	0	1	29	0	1	0	1	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
<b>Butte County Meadowfoam<sup>2</sup></b>																																				
Primary Habitat	9,371	2,505	0	0	7	11,882	4,353	0	0	0	0	4,353	474	0	0	0	0	0	0	474	0	0	0	0	0	0	41	0	0	0	41	0	0	0	16,750	
Secondary Habitat	4,138	1,610	0	0	291	6,038	0	0	0	0	0	0	261	58	0	0	0	0	3	321	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,360	
Subtotal	13,509	4,115	0	0	297	17,921	4,353	0	0	0	0	4,353	735	58	0	0	0	0	3	795	0	0	0	0	0	0	41	0	0	0	41	0	0	0	23,110	
No. of Occurrences <sup>3</sup>																																				
<b>Veiny Monardella<sup>1</sup></b>																																				
No. of Occurrences	2	0	0	0	6	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
<b>Hairy Orcutt Grass</b>																																				
Habitat	19,442	2,559	55	24	141	22,221	5,599	0	2,020	0	0	7,619	2,527	42	0	0	0	0	11	2,580	1	1	0	0	2	1,803	0	0	17	1,819	0	0	0	0	34,241	
No. of Occurrences	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<b>Slender Orcutt Grass</b>																																				
Habitat	19,442	2,559	55	24	141	22,221	5,599	0	2,020	0	0	7,619	2,527	42	0	0	0	0	11	2,580	1	1	0	0	2	1,803	0	0	17	1,819	0	0	0	0	34,241	
No. of Occurrences	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
<b>Ahart's Paronychia</b>																																				
Habitat	19,442	2,559	55	24	141	22,221	5,599	0	2,020	0	0	7,619	2,527	42	0	0	0	0	11	2,580	1	1	0	0	2	1,803	0	0	17	1,819	0	0	0	0	34,241	
No. of Occurrences	0	1	0	0	0	1	3	0	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
<b>California Beaked-Rush<sup>1</sup></b>																																				
No. of Occurrences	2	5	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	
<b>Butte County Checkerbloom</b>																																				
Habitat	28,481	6,296	0	1,685	360	36,823	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36,823
No. of Occurrences	34	82	0	8	2	126	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	127
<b>Butte County Golden Clover</b>																																				
Habitat	7,499	77	66	207	31	7,880	5,838	0	11	0	0	5,849	3	0	0	0	0	0	50	53	0	0	0	0	0	1,205	0	0	11	1,216	0	0	0	0	14,998	
No. of Occurrences	6	0	0	0	0	6	12	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
<b>Greene's Tuctoria</b>																																				
Habitat	19,442	2,559	55	24	141	22,221	5,599	0	2,020	0	0	7,619	2,527	42	0	0	0	0	11	2,580	1	1	0	0	2	1,803	0	0	17	1,819	0	0	0	0	34,241	
No. of Occurrences	2	1	0	0	0	3	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	5	

Note: Discrepancies in totals are due to rounding.

<sup>1</sup>This species' habitat has not been modeled. A description of these species habitat requirements is provided in Appendix A Covered Species Accounts. Impacts on this species are described in Section 4.4, Impacts on Covered Species.

<sup>2</sup>Habitat acreage shown is mapped based on aerial imagery and soil survey maps.

<sup>3</sup>See the Butte County meadowfoam species account in Appendix A (Table A.30-1) and Table 5-22 for occurrence locations, status, and outcomes.