

Table 5–21c. Expected Extent of Conserved Covered Species Habitat Types in the Sierra Foothills CAZ with BRCP Implementation (acres unless otherwise noted in the first column)¹

Covered Species Modeled Habitat Type/Occurrences	Total	Total Removed ²	Total Existing Protected ³ (a)	Other PEHL ⁴	Percent Existing Protected	Impact Overlapping with Existing Protected ⁵ (b)	BRCP Protected (c)	BRCP Restored (d)	Total Conserved with BRCP Implementation (=a+b+c+d)	Percent Conserved with BRCP Implementation
Tricolored Blackbird										
Breeding and Foraging Habitat	52,207	6,246	6,300	1,473	12.1%	2	7,761	0	14,059	30.6%
Yellow-breasted Chat										
Nesting and Foraging Habitat	2,750	136	0	6	0.0%	0	1,185	106	1,291	47.5%
Nesting and Foraging Habitat (Known Use Area)	0	0	0	0	Not applicable	0	0	0	0	Not applicable
Subtotal	2,750	136	0	6	0.0%	0	1,185	106	1,291	47.5%
Bank Swallow										
Nesting Habitat (linear miles)	23.4	0.0	0.2	15.5	0.8%	0.0	0-20	0.0	0.2-20.2	0.9-86.3%
Western Burrowing Owl										
Nesting and Foraging Habitat	58,932	8,354	7,991	1,883	13.6%	6	13,705	0	21,690	42.9%
Western Yellow-billed Cuckoo										
Nesting Habitat	902	40	0	831	0.0%	0	0	Not applicable	Not applicable	Not applicable
Greater Sandhill Crane										
Winter Roosting and Foraging Habitat	5,914	56	2,520	0	42.6%	4	0	0	2,516	42.9%
Traditional Upland Use Area	0	0	0	0	Not applicable	0	0	0	0	Not applicable
Subtotal	5,914	56	2,520	0	42.6%	4	0	0	2,516	42.9%
California Black Rail	Not applicable ⁶	0 ⁷	Not applicable ⁶	Not applicable ⁶	Not applicable ⁶	Not applicable ⁶	- ⁸	0	Not applicable ⁶	Not applicable ⁶
American Peregrine Falcon										
Nesting Habitat	20	0	7	2	32.5%	0	10	0	17	82.1%
Foraging Habitat (Year-round and Seasonal)	19,799	1,644	6,673	2,074	33.7%	4	3,330	0	9,999	55.1%
Subtotal	19,819	1,644	6,680	2,075	33.7%	4	3,340	0	10,016	55.1%
Swainson's Hawk										
Nesting Habitat	3,659	128	253	1,401	6.9%	0	350	97	700	19.3%

Nesting and Foraging Habitat	829	106	49	0	5.9%	0	340	0	389	53.9%
Foraging Habitat	36,249	5,688	5,588	1,423	15.4%	6	3,475	0	9,057	29.6%
<i>Subtotal</i>	<i>40,737</i>	<i>5,922</i>	<i>5,890</i>	<i>2,824</i>	<i>14.5%</i>	<i>6</i>	<i>4,165</i>	<i>97</i>	<i>10,146</i>	<i>29.1%</i>
White-tailed Kite										
Nesting Habitat	11,342	1,283	424	1,387	3.7%	0	1,590	0	2,013	20.0%
Year-round Foraging Habitat	22,561	2,433	4,010	763	17.8%	5	3,935	0	7,940	39.4%
Breeding Season Foraging Habitat	33,536	4,562	4,401	747	13.1%	1	6,711	0	11,111	38.3%
<i>Subtotal</i>	<i>67,439</i>	<i>8,278</i>	<i>8,835</i>	<i>2,897</i>	<i>13.1%</i>	<i>6</i>	<i>12,236</i>	<i>0</i>	<i>21,065</i>	<i>35.6%</i>
Bald Eagle										
Nesting Habitat	10,117	1,770	6	3,038	0.1%	0	1,700	0	1,706	20.4%
Year-round Foraging Habitat	5,334	0	3,265	1,850	61.2%	0	0	0	3,265	61.2%
Seasonal Foraging Habitat	13,471	1,503	3,343	96	24.8%	4	815	0	4,153	34.7%
<i>Subtotal</i>	<i>28,921</i>	<i>3,272</i>	<i>6,614</i>	<i>4,983</i>	<i>22.9%</i>	<i>4</i>	<i>2,515</i>	<i>0</i>	<i>9,125</i>	<i>35.6%</i>
Giant Garter Snake										
Breeding and Movement Habitat: Rice	3,817	49	495	0	13.0%	0	0	0	495	13.1%
Breeding and Movement Habitat: Managed and Emergent Wetlands, Willow Scrub	505	10	25	56	4.9%	0	0	0	25	5.0%
Breeding and Movement Habitat: Adjoining Cropland	2,710	128	2	0	0.1%	0	0	0	2	0.1%
<i>Subtotal</i>	<i>7,032</i>	<i>186</i>	<i>522</i>	<i>57</i>	<i>7.4%</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>522</i>	<i>7.6%</i>
Blainville's Horned Lizard	Not applicable ⁶	Not applicable ⁶	Not applicable ⁶	Not applicable ⁶	Not applicable ⁶	Not applicable ⁶	- ⁸	0	Not applicable ⁶	Not applicable ⁶
Western Pond Turtle										
Aquatic Habitat	682	28	40	52	5.9%	0	495	0	535	81.8%
Nesting and Movement Habitat	19,672	3,321	1,510	399	7.7%	1	3,820	0	5,330	32.6%
Aquatic, Nesting and Movement Habitat	0	0	0	0	Not applicable	0	0	0	0	Not applicable
<i>Subtotal (acreage)</i>	<i>20,354</i>	<i>3,348</i>	<i>1,551</i>	<i>452</i>	<i>7.6%</i>	<i>1</i>	<i>4,315</i>	<i>0</i>	<i>5,865</i>	<i>34.5%</i>
Aquatic Habitat (no. of ponds)	107	18	6	2	5.6%	0	Not applicable ⁹	0	Not applicable	Not applicable
Aquatic Habitat-perennial streams (linear miles)	17.5	2.4	3.9	0.0	22.5%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Foothill Yellow-legged Frog										
Habitat - within 130ft of Perennial Streams	573	219	0	0	0.0%	0	245	0	245	69.1%
Habitat - within 130ft of Intermittent Streams	5,257	678	275	37	5.2%	0	1,200	0	1,475	32.2%

<i>Subtotal</i>	5,830	897	275	37	4.7%	0	1,445	0	1,720	34.9%
Western Spadefoot Toad										
Breeding Habitat	545	46	40	8	7.4%	0	225	46	311	57.1%
Breeding and Upland Habitat	7,619	1,457	827	99	10.9%	0	4,820	0	5,647	91.6%
Upland Habitat	39,518	4,973	4,439	1,163	11.2%	2	4,830	0	9,267	26.8%
<i>Subtotal (acreage)</i>	47,682	6,476	5,306	1,269	11.1%	2	9,875	46	15,226	36.9%
Breeding Habitat (no. of ponds)	99	16	6	2	6.1%	0	Not applicable ⁹	0	Not applicable	Not applicable
Breeding Habitat-perennial/intermittent streams (linear miles)	158.4	20.1	9.2	2.5	Not applicable	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Central Valley Steelhead										
Adult migration; juvenile rearing and migration habitat (linear miles)	0.3	0.0	0.0	0.0	0.0%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Adult spawning and migration; juvenile rearing and migration habitat (linear miles)	7.9	0.0	0.0	4.9	0.2%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Non-natal juvenile rearing habitat (linear miles)	0.0	0.0	0.0	0.0	Not applicable	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
<i>Subtotal</i>	8.3	0.0	0.0	4.9	0.2%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Central Valley Spring-run Chinook Salmon										
Adult migration; juvenile rearing and migration habitat (linear miles)	0.4	0.0	0.0	0.0	0.0%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Adult spawning and migration; juvenile rearing and migration habitat (linear miles)	7.9	0.0	0.0	4.9	0.2%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Non-natal juvenile rearing habitat (linear miles)	0.0	0.0	0.0	0.0	Not applicable	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
<i>Subtotal</i>	8.2	0.0	0.0	4.9	0.2%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Central Valley Fall/Late Fall-run Chinook Salmon										
Adult migration; juvenile rearing and migration habitat (linear miles)	0.0	0.0	0.0	0.0	Not applicable	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Adult spawning and migration; juvenile rearing and migration habitat (linear miles)	8.2	0.0	0.0	4.9	0.2%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable

Non-natal juvenile rearing habitat (linear miles)	0.0	0.0	0.0	0.0	Not applicable	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
<i>Subtotal</i>	8.2	0.0	0.0	4.9	0.2%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Sacramento Splittail										
Rearing, migration, and potential spawning habitat (linear miles)	0.3	0.0	0.0	0.0	0.0%	0.0	0.0	0.0	0	0.0%
Green Sturgeon										
Adult migration and spawning; juvenile migration and rearing habitat (linear miles)	0.0	0.0	0.0	0.0	Not applicable	0.0	0.0	0.0	0	Not applicable
Adult migration; juvenile migration and rearing habitat (linear miles)	0.0	0.0	0.0	0.0	Not applicable	0.0	0.0	0.0	0	Not applicable
Adult migration and potential spawning habitat (linear miles)	8.2	0.0	0.0	4.9	0.2%	0.0	0.0	0.0	0	0.2%
<i>Subtotal</i>	8.2	0.0	0.0	4.9	0.2%	0.0	0.0	0.0	0	0.2%
River Lamprey										
Spawning, rearing, and migration habitat (linear miles)	8.2	0.0	0.0	4.9	0.2%	0.0	0.0	0.0	0	0.2%
Valley Elderberry Longhorn Beetle										
Habitat	14,473	1,277	759	1,540	5.2%	1	2,600	280	3,639	27.0%
Vernal Pool Tadpole Shrimp										
Habitat	7,619	916	827	99	10.9%	0	4,820	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences	2	0	0	0	0.0%	0	0	0	Not applicable	Not applicable
Conservancy Fairy Shrimp										
Habitat	Not applicable ⁶	0 ⁷	Not applicable ⁶	Not applicable ⁶	Not applicable ⁶	Not applicable ⁶	0	0	0	Not applicable ⁶
No. of Occurrences	0	0	0	0	Not applicable	0	Not applicable ¹¹	Not applicable ¹²	Not applicable	Not applicable
Vernal Pool Fairy Shrimp										
Habitat	7,619	916	827	99	10.9%	0	4,820	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences	22	15	0	0	0.0%	0	0	0	Not applicable	Not applicable
Ferris' Milkvetch										

Habitat	2	0	0	0	0.0%	0	Not applicable	Not applicable	Not applicable	Not applicable
No. of Occurrences	0	0	0	0	Not applicable	0	Not applicable ¹¹	0	Not applicable	Not applicable
Lesser Saltscale⁶										
No. of Occurrences	0	0	0	0	Not applicable	0	Not applicable ¹¹	0	Not applicable	Not applicable
Hoover's Spurge										
Habitat	7,619	916	827	99	10.9%	0	4,820	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences	0	0	0	0	Not applicable	0	Not applicable ¹¹	Not applicable ¹²	Not applicable	Not applicable
Ahart's Dwarf Rush										
Habitat	7,619	916	827	99	10.9%	0	4,820	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences ¹⁶	17	0	2	0	Not applicable	0	15	Not applicable ¹²	Not applicable	Not applicable
Red Bluff Dwarf Rush										
Habitat	7,619	916	827	99	10.9%	0	4,820	Not applicable	Not applicable	Not applicable
No. of Occurrences	31	1	13	1	41.9%	0	10	0	Not applicable	Not applicable
Butte County Meadowfoam										
Not applicable ¹³										
Veiny Monardella⁶										
No. of Occurrences	0	0	0	0	Not applicable	0	Not applicable ¹¹	Not applicable	Not applicable	Not applicable
Hairy Orcutt Grass										
Habitat	7,619	916	827	99	10.9%	0	4,820	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences	0	0	0	0	Not applicable	0	Not applicable ¹¹	Not applicable ¹²	Not applicable	Not applicable
Slender Orcutt Grass										
Habitat	7,619	916	827	99	10.9%	0	4,820	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences ¹⁶	2	0	0	0	0.0%	0	2	Not applicable ¹²	Not applicable	Not applicable
Ahart's Paronychia										

Habitat	7,619	916	827	99	10.9%	0	4,820	0	Not applicable	Not applicable
No. of Occurrences ¹⁶	4	0	0	1	0.0%	0	3	0	Not applicable	Not applicable
California Beaked-rush⁶										
No. of Occurrences ¹⁶	0	0	0	0	Not applicable	0	4	0	4	Not applicable
Butte County Checkerbloom										
Habitat	0	0	0	0	Not applicable	0	0	0	0	Not applicable
No. of Occurrences	0	0	0	0	Not applicable	0	0	0	Not applicable	Not applicable
Butte County Golden Clover										
Habitat	5,849	0	2,190	61	37.4%	0	1,500	0	3,690	63.1%
No. of Occurrences	12	0	10	1	83.3%	0	Not applicable ¹¹	0	Not applicable	Not applicable
Greene's Tuctoria										
Habitat	7,619	916	827	99	10.9%	0	4,820	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences	0	0	0	0	Not applicable	0	Not applicable ¹¹	Not applicable ¹²	Not applicable	Not applicable

¹Discrepancies in totals are due to rounding.

²Gray-shaded cells - Values in these cells are less than the total amount of GIS-generated overlap between land cover types and the covered activities effects footprint data layer. These acreage values were adjusted down to reflect the allowable level of impact for these specific land cover types and are therefore less than the total amount of impact that would be generated from GIS analyses. Covered activities will avoid impacts on the remaining extent of these land cover types.

³Comprised of existing Category 1 lands as described in Section 5.2.3.6.

⁴PEHL=Public and Easement Habitat Land. Other PEHL is comprised of Category 2 lands as described in Section 5.2.3.6.

⁵GIS overlay impact assessment incorrectly indicates an impact on existing protected lands. Areas include 3 new bridge construction locations along Orphir Rd north of Llano Seco Ranch, a bridge replacement project within Vina Plains along Cana Pine Creek Rd, a portion of the Oroville Wildlife Area associated with the SR70 widening project, and a portion of land along the west bank of the Thermalito Afterbay associated with the SR99 widening project. During implementation of the covered activities, impacts are expected to be avoided. Consequently, the total conserved with BRCP implementation is greater by this acreage. This correction does not change the overall allowable impact limit for natural communities.

⁶A habitat model is not available for this species and, consequently, the acreage of its habitat in the Plan Area is not estimated.

⁷The covered activities must avoid removal of habitat occupied by this species.

⁸Up to 5 patches of occupied habitat will be protected under the BRCP. The extent of suitable habitat that is protected will depend on the acreage in each patch of occupied habitat.

⁹May be protected in any CAZ.

¹⁰A total of 38 acres of vernal pools will be restored. Restoration of vernal pools are not apportioned by CAZ.

¹¹Currently unknown occurrences if discovered may be protected in this CAZ. See occurrence protection objectives for this species in Section 5.3.2.3.

¹²At least 2 occurrences of this species will be restored. Restoration is not apportioned by CAZ.

¹³See the Butte County meadowfoam species account in Appendix A, Table 5-18, 5-19, and 5-22 for habitat extent and occurrence locations, status, and outcomes by population grouping.