

Table 5–21b. Expected Extent of Conserved Covered Species Habitat Types in the Cascade 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	47,108	2,668	3,912	1,334	8.3%	0	11,265	0	15,177	34.2%
Yellow-breasted Chat										
Nesting and Foraging Habitat	3,914	42	354	426	9.1%	0	1,450	38	1,842	47.1%
Nesting and Foraging Habitat (Known Use Area)	302	0	0	68	0.0%	0	185	0	185	61.2%
Subtotal	4,216	42	354	494	8.4%	0	1,635	38	2,027	48.1%
Bank Swallow										
Nesting Habitat (linear miles)	32.5	0.0	6.2	10.2	19.2%	0.0	0-20	0.0	6.2-26.2	19.1-80.6%
Western Burrowing Owl										
Nesting and Foraging Habitat	53,199	3,725	4,101	1,800	7.7%	0	18,903	0	23,004	46.5%
Western Yellow-billed Cuckoo										
Nesting Habitat	0	0	0	0	Not applicable	0	0	0	0	Not applicable
Greater Sandhill Crane										
Winter Roosting and Foraging Habitat	2,135	98	0	0	0.0%	0	0	0	0	0.0%
Traditional Upland Use Area	0	0	0	0	Not applicable	0	0	0	0	NA
Subtotal	2,135	98	0	0	0.0%	0	0	0	0	0.0%
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	43	0	0	8	0.0%	0	25	0	25	57.5%
Foraging Habitat (Year-round and Seasonal)	24,929	552	2,980	706	12.0%	0	11,485	0	14,465	59.3%
Subtotal	24,973	552	2,980	714	11.9%	0	11,510	0	14,490	59.3%
Swainson's Hawk										
Nesting Habitat	3,252	47	214	438	6.6%	0	620	43	877	27.0%

Nesting and Foraging Habitat	1,737	450	54	1	3.1%	0	460	0	514	40.0%
Foraging Habitat	41,131	2,446	3,825	1,226	9.3%	0	9,540	0	13,365	34.5%
<i>Subtotal</i>	<i>46,120</i>	<i>2,943</i>	<i>4,093</i>	<i>1,665</i>	<i>8.9%</i>	<i>0</i>	<i>10,620</i>	<i>43</i>	<i>14,757</i>	<i>34.1%</i>
White-tailed Kite										
Nesting Habitat	11,666	1,179	571	914	4.9%	0	2,225	0	2,796	26.7%
Year-round Foraging Habitat	23,486	675	2,797	331	11.9%	0	6,335	0	9,132	40.0%
Breeding Season Foraging Habitat	24,943	2,139	1,132	1,071	4.5%	0	7,435	0	8,567	37.6%
<i>Subtotal</i>	<i>60,095</i>	<i>3,994</i>	<i>4,499</i>	<i>2,316</i>	<i>7.5%</i>	<i>0</i>	<i>15,995</i>	<i>0</i>	<i>20,494</i>	<i>36.5%</i>
Bald Eagle										
Nesting Habitat	7,313	819	319	1,209	4.4%	0	1,070	0	1,389	21.4%
Year-round Foraging Habitat	147	0	28	59	18.9%	0	0	0	28	18.9%
Seasonal Foraging Habitat	24,316	514	2,872	683	11.8%	0	3,935	0	6,807	28.6%
<i>Subtotal</i>	<i>31,777</i>	<i>1,334</i>	<i>3,220</i>	<i>1,951</i>	<i>10.1%</i>	<i>0</i>	<i>5,005</i>	<i>0</i>	<i>8,225</i>	<i>27.0%</i>
Giant Garter Snake										
Breeding and Movement Habitat: Rice	2,092	56	0	0	0.0%	0	0	0	0	0.0%
Breeding and Movement Habitat: Managed and Emergent Wetlands, Willow Scrub	101	1	47	0	46.6%	0	0	0	47	46.9%
Breeding and Movement Habitat: Adjoming Cropland	65	0	0	0	0.0%	0	0	0	0	0.0%
<i>Subtotal</i>	<i>2,258</i>	<i>57</i>	<i>47</i>	<i>0</i>	<i>2.1%</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>47</i>	<i>2.1%</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	328	0	62	7	19.0%	0	0	0	62	19.0%
Nesting and Movement Habitat	24,202	1,082	2,386	1,332	9.9%	0	4,100	0	6,486	28.1%
Aquatic, Nesting and Movement Habitat	0	0	0	0	Not applicable	0	0	0	0	Not applicable
<i>Subtotal (acreage)</i>	<i>24,530</i>	<i>1,082</i>	<i>2,448</i>	<i>1,339</i>	<i>10.0%</i>	<i>0</i>	<i>4,100</i>	<i>0</i>	<i>6,548</i>	<i>27.9%</i>
Aquatic Habitat (no. of ponds)	85	6	4	1	4.7%	0	Not applicable ⁹	0	Not applicable	Not applicable
Aquatic Habitat-perennial streams (linear miles)	35.9	2.4	2.7	4.0	7.6%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Foothill Yellow-legged Frog										
Habitat - within 130ft of Perennial Streams	1,539	107	25	149	1.6%	0	580	0	605	42.3%
Habitat - within 130ft of Intermittent Streams	3,662	185	342	41	9.4%	0	0	0	342	9.8%
<i>Subtotal</i>	<i>5,201</i>	<i>292</i>	<i>368</i>	<i>190</i>	<i>7.1%</i>	<i>0</i>	<i>580</i>	<i>0</i>	<i>948</i>	<i>19.3%</i>

Western Spadefoot Toad										
Breeding Habitat	267	0	62	0	23.3%	0	0	0	62	23.3%
Breeding and Upland Habitat	22,221	423	2,875	686	12.9%	0	14,960	0	17,835	81.8%
Upland Habitat	26,444	2,709	1,094	1,076	4.1%	0	3,900	0	4,994	21.0%
<i>Subtotal (acreage)</i>	<i>48,932</i>	<i>3,132</i>	<i>4,031</i>	<i>1,762</i>	<i>8.2%</i>	<i>0</i>	<i>18,860</i>	<i>0</i>	<i>22,891</i>	<i>50.0%</i>
Breeding Habitat (no. of ponds)	84	6	4	1	4.8%	0	Not applicable ⁹	0	Not applicable	Not applicable
Breeding Habitat-perennial/intermittent streams (linear miles)	147.4	9.2	13.4	7.3	9.1%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Central Valley Steelhead										
Adult migration; juvenile rearing and migration habitat (linear miles)	5.1	0.0	1.0	2.4	20.7%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Adult spawning and migration; juvenile rearing and migration habitat (linear miles)	38.4	0.0	2.5	11.0	6.4%	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>	<i>43.5</i>	<i>0.0</i>	<i>3.5</i>	<i>13.5</i>	<i>8.0%</i>	<i>0.0</i>	<i>Not applicable⁹</i>	<i>0.0</i>	<i>Not applicable</i>	<i>Not applicable</i>
Central Valley Spring-run Chinook Salmon										
Adult migration; juvenile rearing and migration habitat (linear miles)	10.5	0.0	1.0	7.8	10.0%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Adult spawning and migration; juvenile rearing and migration habitat (linear miles)	12.4	0.0	1.6	3.7	12.9%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Non-natal juvenile rearing habitat (linear miles)	1.3	0.0	0.0	0.5	0.0%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
<i>Subtotal</i>	<i>24.2</i>	<i>0.0</i>	<i>2.6</i>	<i>12.0</i>	<i>11.0%</i>	<i>0.0</i>	<i>Not applicable⁹</i>	<i>0.0</i>	<i>Not applicable</i>	<i>Not applicable</i>
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)	26.5	0.0	2.6	7.6	10.0%	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>	<i>26.5</i>	<i>0.0</i>	<i>2.6</i>	<i>7.6</i>	<i>10.0%</i>	<i>0.0</i>	<i>Not applicable⁹</i>	<i>0.0</i>	<i>Not applicable</i>	<i>Not applicable</i>

Sacramento Splittail										
Rearing, migration, and potential spawning habitat (linear miles)	0.0	0.0	0.0	0.0	Not applicable	0.0	0.0	0.0	0	Not applicable
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)	0.0	0.0	0.0	0.0	Not applicable	0.0	0.0	0.0	0	Not applicable
<i>Subtotal</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>Not applicable</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0</i>	<i>Not applicable</i>
River Lamprey										
Spawning, rearing, and migration habitat (linear miles)	0.0	0.0	0.0	0.0	Not applicable	0.0	0.0	0.0	0	Not applicable
Valley Elderberry Longhorn Beetle										
Habitat	13,710	672	823	814	6.0%	0	3,332	94	4,249	32.4%
Vernal Pool Tadpole Shrimp										
Habitat	22,221	423	2,875	686	12.9%	0	14,960	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences	13	2	3	2	23.1%	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	- ¹¹	0	0	Not applicable ⁶
No. of Occurrences ^d	2	0	0	0	0.0%	0	3 ¹²	Not applicable ¹³	3	100.0%
Vernal Pool Fairy Shrimp										
Habitat	22,221	423	2,875	686	12.9%	0	14,960	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences	5	1	3	0	60.0%	0	0	Not applicable	Not applicable	Not applicable
Ferris' Milkvetch										
Habitat	457	94	1	109	0.2%	0	150	0	151	41.5%
No. of Occurrences ¹³	0	0	0	0	Not applicable	0	Not applicable ¹⁴	0	Not applicable	Not applicable
Lesser Saltscare⁶										
No. of Occurrences	0	0	0	0	Not applicable	0	Not applicable ¹⁴	0	Not applicable	Not applicable

Hoover's Spurge										
Habitat	22,221	423	2,875	686	12.9%	0	14,960	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences	1	0	1	0	100.0%	0	Not applicable ¹⁴	Not applicable ¹³	Not applicable	Not applicable
Ahart's Dwarf Rush										
Habitat	22,221	423	2,875	686	12.9%	0	14,960	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences	0	0	0	0	Not applicable	0	Not applicable ¹⁴	Not applicable ¹³	Not applicable	Not applicable
Red Bluff Dwarf Rush										
Habitat	22,221	423	2,875	686	12.9%	0	14,960	Not applicable	Not applicable	Not applicable
No. of Occurrences	1	0	1	0	100.0%	0	0	Not applicable	Not applicable	Not applicable
Butte County Meadowfoam	Not applicable ¹⁵									
Veiny Monardella⁶										
No. of Occurrences ¹⁶	8	0	0	0	0.0%	0	8	Not applicable	Not applicable	Not applicable
Hairy Orcutt Grass										
Habitat	22,221	423	2,875	686	12.9%	0	14,960	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences	1	0	1	0	100.0%	0	Not applicable ¹⁴	Not applicable ¹³	Not applicable	Not applicable
Slender Orcutt Grass										
Habitat	22,221	423	2,875	686	12.9%	0	14,960	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences	0	0	0	0	Not applicable	0	Not applicable ¹⁴	Not applicable ¹³	Not applicable	Not applicable
Ahart's Paronychia										
Habitat	22,221	423	2,875	686	12.9%	0	14,960	Not applicable	Not applicable	Not applicable
No. of Occurrences ¹⁶	1	0	0	1	0.0%	0	1	Not applicable	Not applicable	Not applicable
California Beaked-rush⁶										
No. of Occurrences	7	0	0	5	0.0%	0	3	0	3	42.9%
Butte County Checkerbloom										
Habitat	36,823	2,638	2,398	2,270	6.5%	0	3,000	0	5,398	15.8%
No. of Occurrences ¹⁴	126	7	0	67	0.0%	0	65	0	65	54.6%
Butte County Golden Clover										

Habitat	7,880	137	2,247	76	28.5%	0	2,000	0	4,247	54.9%
No. of Occurrences ¹⁶	6	0	3	0	50.0%	0	3	0		0.0%
Greene's Tuctoria										
Habitat	22,221	423	2,875	686	12.9%	0	14,960	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences ¹⁶	3	0	1	0	33.3%	0	1	Not applicable ¹³	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.

¹¹The habitat protection target for this species may be fulfilled in either the Cascade Foothill or Northern Orchards CAZs. See Table 5-27a for the Plan Area-wide conservation provided.

¹²Up to 5 currently unknown occurrences if discovered during implementation will also be protected. Protection of newly discovered occurrences are not apportioned by CAZ.

¹³At least 2 occurrences of this species will be restored. Restoration is not apportioned by CAZ.

¹⁴Currently unknown occurrences if discovered may be protected in this CAZ. See occurrence protection objectives for this species in Section 5.3.2.3.

¹⁵See 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.

¹⁶Additional unknown occurrences if discovered may be protected in this CAZ. See occurrence protection objectives for this species in Section 5.3.2.3.