

Table 5–21g. Expected Extent of Conserved Covered Species Habitat Types in the Sacramento River 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	15,274	2	14,097	0	92.3%	1	0	0	14,096	92.3%
Yellow-breasted Chat										
Nesting and Foraging Habitat	0	0	0	0	Not applicable	0	0	0	0	Not applicable
Nesting and Foraging Habitat (Known Use Area)	0	0	0	0	Not applicable	0	0	0	0	Not applicable
Subtotal	0	0	0	0	Not applicable	0	0	0	0	Not applicable
Bank Swallow										
Nesting Habitat (linear miles)	24.9	0.0	6.1	0.9	24.5%	0.0	0.0	0.0	6.1	24.5%
Western Burrowing Owl										
Nesting and Foraging Habitat	13,278	3	12,563	0	94.6%	1	200	0	12,762	96.1%
Western Yellow-billed Cuckoo										
Nesting Habitat	2,863	0	904	758	31.6%	0	675	Not applicable	Not applicable	Not applicable
Greater Sandhill Crane										
Winter Roosting and Foraging Habitat	6,222	0	5,670	0	91.1%	0	0	0	5,670	91.1%
Traditional Upland Use Area	0	0	0	0	Not applicable	0	0	0	0	Not applicable
Subtotal	6,222	0	5,670	0	91.1%	0	0	0	5,670	91.1%
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	0	0	0	0	Not applicable	0	0	0	0	Not applicable

Foraging Habitat (Year-round and Seasonal)	8,760	0	7,327	45	83.6%		0	0	7,327	83.7%
<i>Subtotal</i>	8,760	0	7,327	45	83.6%	0	0	0	7,327	83.7%
Swainson's Hawk										
Nesting Habitat	5,294	3	2,789	779	52.7%	1	635	3	3,426	64.7%
Nesting and Foraging Habitat	0	0	0	0	Not applicable	0	0	0	0	Not applicable
Foraging Habitat	13,240	3	12,526	0	94.6%	1	0	0	12,525	94.6%
<i>Subtotal</i>	18,534	6	15,314	779	82.6%	2	635	3	15,950	86.1%
White-tailed Kite										
Nesting Habitat	4,250	2	2,116	758	49.8%	1	600	0	2,715	63.9%
Year-round Foraging Habitat	3,732	0	3,315	0	88.8%	0	0	0	3,315	88.8%
Breeding Season Foraging Habitat	10,282	3	9,558	0	93.0%	1	0	0	9,557	93.0%
<i>Subtotal</i>	18,264	6	14,989	758	82.1%	2	600	0	15,587	85.4%
Bald Eagle										
Nesting Habitat	3,211	1	1,207	652	37.6%	0	675	0	1,881	58.6%
Year-round Foraging Habitat	886	0	213	17	24.1%	0	0	0	213	24.1%
Seasonal Foraging Habitat	6,222	0	5,670	0	91.1%	0	0	0	5,670	91.1%
<i>Subtotal</i>	10,318	1	7,090	669	68.7%	0	675	0	7,765	75.3%
Giant Garter Snake										
Breeding and Movement Habitat: Rice	774	0	347	0	44.8%	0	205	0	552	71.3%
Breeding and Movement Habitat: Managed and Emergent Wetlands, Willow Scrub	7,813	1	7,302	13	93.5%	0	0	0	7,302	93.5%
Breeding and Movement Habitat: Adjoining Cropland	5,491	1	5,150	0	93.8%	1	200	0	5,349	97.4%
<i>Subtotal</i>	14,077	2	12,799	13	90.9%	1	405	0	13,203	93.8%
Blainville's Horned Lizard	Not applicable ⁶	Not applicable ⁶	Not applicable ⁶	Not applicable ⁶	Not applicable ⁶	Not applicable ⁶	Not applicable ⁶	– ⁸	0	Not applicable ⁶
Western Pond Turtle										
Aquatic Habitat	1,514	0	1,314	25	86.8%	0	0	0	1,314	86.8%
Nesting and Movement Habitat	4,782	4	3,322	496	69.5%	1	0	0	3,321	69.5%
Aquatic, Nesting and Movement Habitat	5,448	0	5,323	0	97.7%	0	0	0	5,323	Not applicable
<i>Subtotal (acreage)</i>	11,744	5	9,959	522	84.8%	1	0	0	9,958	84.8%

Aquatic Habitat (no. of ponds)	3	0	3	0	100.0%	0	Not applicable ⁹	0	Not applicable	Not applicable
Aquatic Habitat-perennial streams (linear miles)	5.1	0.0	5.1	0.0	99.7%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Foothill Yellow-legged Frog										
Habitat - within 130ft of Perennial Streams	0	0	0	0	Not applicable	0	0	0	0	Not applicable
Habitat - within 130ft of Intermittent Streams	0	0	0	0	Not applicable	0	0	0	0	Not applicable
<i>Subtotal</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>Not applicable</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>Not applicable</i>
Western Spadefoot Toad										
Breeding Habitat	858	0	795	0	92.6%	0	0	0	795	92.6%
Breeding and Upland Habitat	0	0	0	0	Not applicable	0	0	0	0	Not applicable
Upland Habitat	1,762	1	1,600	0	90.8%	0	0	0	1,600	90.8%
<i>Subtotal (acreage)</i>	<i>2,620</i>	<i>1</i>	<i>2,394</i>	<i>0</i>	<i>91.4%</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>2,394</i>	<i>91.4%</i>
Breeding Habitat (no. of ponds)	3	0	3	0	100.0%	0	Not applicable ⁹	0	Not applicable	Not applicable
Breeding Habitat-perennial/intermittent streams (linear miles)	17.6	0.0	16.5	0.0	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)	21.0	0.0	3.1	0.0	14.8%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Adult spawning and migration; juvenile rearing and migration habitat (linear miles)	9.2	0.0	8.6	0.0	93.8%	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>30.2</i>	<i>0.0</i>	<i>11.7</i>	<i>0.0</i>	<i>38.9%</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)	20.9	0.0	3.1	0.0	14.9%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Adult spawning and 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
Non-natal juvenile rearing habitat (linear miles)	1.3	0.0			0.0%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
<i>Subtotal</i>	<i>22.2</i>	<i>0.0</i>	<i>3.1</i>	<i>0.0</i>	<i>14.0%</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)	20.9	0.0	3.1	0.0	14.9%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Adult spawning and migration; juvenile rearing and migration habitat (linear miles)	8.3	0.0	8.3	0.0	99.8%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Non-natal juvenile rearing habitat (linear miles)	0.4	0.0	0.0	0.0	0.0%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
<i>Subtotal</i>	<i>29.6</i>	<i>0.0</i>	<i>11.4</i>	<i>0.0</i>	<i>38.4%</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)	20.9	0.0	3.1	0.0	14.9%	0.0	0.0	0.0	3	Not applicable
Green Sturgeon										
Adult migration and spawning; juvenile migration and rearing habitat (linear miles)	0.8	0.0	0.0	0.0	0.0%	0.0	0.0	0.0	0	Not applicable
Adult migration; juvenile migration and rearing habitat (linear miles)	20.1	0.0	3.1	0.0	15.5%	0.0	0.0	0.0	3	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>	20.9	0.0	3.1	0.0	14.9%	0.0	0.0	0.0	3	<i>Not applicable</i>
River Lamprey										
Spawning, rearing, and migration habitat (linear miles)	20.9	0.0	3.1	0.0	14.9%	0.0	0.0	0.0	3	Not applicable
Valley Elderberry Longhorn Beetle										
Habitat	6,747	5	4,030	779	59.7%	1	0	3	4,032	59.8%
Vernal Pool Tadpole Shrimp										
Habitat	0	0	0	0	Not applicable	0	0	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences	0	0	0	0	Not applicable	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	0	0	0	0	Not applicable	0	0	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences	0	0	0	0	Not applicable	0	0	0	Not applicable	Not applicable
Ferris' Milkvetch										
Habitat	686	0	0	0	0.0%	0	0	0	0	0.0%
No. of Occurrences	3	0	0	0	0.0%	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	0	0	0	0	Not applicable	0	0	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	0	0	0	0	Not applicable	0	0	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
Red Bluff Dwarf Rush										
Habitat	0	0	0	0	Not applicable	0	0	0	Not applicable	Not applicable
No. of Occurrences	0	0	0	0	Not applicable	0	Not applicable ¹¹	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	0	Not applicable	Not applicable
Hairy Orcutt Grass										
Habitat	0	0	0	0	Not applicable	0	0	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	0	0	0	0	Not applicable	0	0	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 Paronychia										
Habitat	0	0	0	0	Not applicable	0	0	0	Not applicable	Not applicable
No. of Occurrences	0	0	0	0	Not applicable	0	Not applicable ¹¹	0	Not applicable	Not applicable
California Beaked-rush⁶										
No. of Occurrences	0	0	0	0	Not applicable	0	Not applicable ¹¹	0	Not applicable	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	0	0	0	0	Not applicable	0	0	0	0	Not applicable
No. of Occurrences	0	0	0	0	Not applicable	0	Not applicable ¹¹	0	Not applicable	Not applicable
Greene's Tuctoria										
Habitat	0	0	0	0	Not applicable	0	0	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.