

Table 5–21d. Expected Extent of Conserved Covered Species Habitat Types in the Northern Orchards 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	12,315	454	893	0	7.3%	0	2,845	0	3,738	31.5%
Yellow-breasted Chat										
Nesting and Foraging Habitat	309	100	0	88	0.0%	0	200	0	200	95.7%
Nesting and Foraging Habitat (Known Use Area)	0	0	0	0	Not applicable	0	0	0	0	Not applicable
Subtotal	309	100	0	88	0.0%	0	200	0	200	95.7%
Bank Swallow										
Nesting Habitat (linear miles)	37.5	0.0	0.0	4.0	0.0%	0.0	0-20	0.0	0.0-20.0	0.0-53.3%
Western Burrowing Owl										
Nesting and Foraging Habitat	9,405	551	879	0	9.3%	0	1,950	0	2,829	32.0%
Western Yellow-billed Cuckoo										
Nesting Habitat	730	2	15	7	2.1%	0	635	Not applicable	Not applicable	Not applicable
Greater Sandhill Crane										
Winter Roosting and Foraging Habitat	2,937	1	0	0	0.0%	0	0	0	0	0.0%
Traditional Upland Use Area	135	56	0	0	0.0%	0	0	0	0	0.0%
Subtotal	3,072	57	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	0	0	0	0	Not applicable	0	0	0	0	Not applicable
Foraging Habitat (Year-round and Seasonal)	6,585	60	660	11	10.0%	0	1,437	0	2,097	32.1%
Subtotal	6,585	60	660	11	10.0%	0	1,437	0	2,097	32.1%
Swainson's Hawk										

Nesting Habitat	2,607	118	90	226	3.5%	1	1,495	18	1,603	63.9%
Nesting and Foraging Habitat	0	0	0	0	Not applicable	0	0	0	0	Not applicable
Foraging Habitat	9,101	454	879	0	9.7%	0	3,705	0	4,584	53.0%
<i>Subtotal</i>	<i>11,709</i>	<i>571</i>	<i>970</i>	<i>226</i>	<i>8.3%</i>	<i>1</i>	<i>5,200</i>	<i>18</i>	<i>6,187</i>	<i>55.5%</i>
White-tailed Kite										
Nesting Habitat	2,225	116	64	188	2.9%	1	560	0	623	29.5%
Year-round Foraging Habitat	7,255	301	426	0	5.9%	0	1,670	0	2,096	30.1%
Breeding Season Foraging Habitat	4,783	154	453	0	9.5%	0	1,420	0	1,873	40.5%
<i>Subtotal</i>	<i>14,264</i>	<i>571</i>	<i>943</i>	<i>188</i>	<i>6.6%</i>	<i>1</i>	<i>3,650</i>	<i>0</i>	<i>4,592</i>	<i>33.5%</i>
Bald Eagle										
Nesting Habitat	1,279	105	37	140	2.9%	0	200	0	237	20.2%
Year-round Foraging Habitat	430	0	0	16	0.0%	0	0	0	0	0.0%
Seasonal Foraging Habitat	5,508	59	593	0	10.8%	0	530	0	1,123	20.6%
<i>Subtotal</i>	<i>7,217</i>	<i>164</i>	<i>630</i>	<i>156</i>	<i>8.7%</i>	<i>0</i>	<i>730</i>	<i>0</i>	<i>1,360</i>	<i>19.3%</i>
Giant Garter Snake										
Breeding and Movement Habitat: Rice	2,928	1	0	0	0.0%	0	1,317	0	1,317	45.0%
Breeding and Movement Habitat: Managed and Emergent Wetlands, Willow Scrub	971	5	87	0	9.0%	0	185	0	272	28.2%
Breeding and Movement Habitat: Adjoining Cropland	796	0	0	0	0.0%	0	796	0	796	100.0%
<i>Subtotal</i>	<i>4,695</i>	<i>6</i>	<i>87</i>	<i>0</i>	<i>1.9%</i>	<i>0</i>	<i>2,298</i>	<i>0</i>	<i>2,385</i>	<i>50.9%</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	582	0	67	0	11.5%	0	100	0	167	28.6%
Nesting and Movement Habitat	4,035	85	572	159	14.2%	0	1,295	0	1,867	47.3%
Aquatic, Nesting and Movement Habitat	0	0	0	0	Not applicable	0	0	0	0	Not applicable
<i>Subtotal (acreage)</i>	<i>4,617</i>	<i>85</i>	<i>639</i>	<i>159</i>	<i>13.8%</i>	<i>0</i>	<i>1,395</i>	<i>0</i>	<i>2,034</i>	<i>44.9%</i>

Aquatic Habitat (no. of ponds)	5	0	0	0	0.0%	0	Not applicable ⁹	0	Not applicable	Not applicable
Aquatic Habitat-perennial streams (linear miles)	17.9	0.2	0.0	1.1	0.0%	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	435	0	28	0	6.3%	0	0	0	28	6.3%
Breeding and Upland Habitat	2,580	60	596	0	23.1%	0	990	0	1,586	62.9%
Upland Habitat	2,260	304	280	0	12.4%	0	950	0	1,230	62.9%
<i>Subtotal (acreage)</i>	<i>5,275</i>	<i>364</i>	<i>904</i>	<i>0</i>	<i>17.1%</i>	<i>0</i>	<i>1,940</i>	<i>0</i>	<i>2,844</i>	<i>57.9%</i>
Breeding Habitat (no. of ponds)	5	0	0	0	0.0%	0	Not applicable ⁹	0	Not applicable	Not applicable
Breeding Habitat-perennial/intermittent streams (linear miles)	35.8	1.8	4.5	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)	22.4	0.0	0.3	2.6	1.2%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Adult spawning and migration; juvenile rearing and migration habitat (linear miles)	26.3	0.0	0.0	4.6	0.0%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Non-natal juvenile rearing habitat (linear miles)	6.7	0.0	0.1	0.0	0.9%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable

<i>Subtotal</i>	55.3	0.0	0.3	7.2	0.6%	0.0	<i>Not applicable</i> ⁹	0.0	<i>Not applicable</i>	<i>Not applicable</i>
Central Valley Spring-run Chinook Salmon										
Adult migration; juvenile rearing and migration habitat (linear miles)	30.0	0.0	0.3	6.5	0.9%	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)	30.4	0.0	1.9	0.0	6.1%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
<i>Subtotal</i>	60.4	0.0	2.1	6.5	3.5%	0.0	<i>Not applicable</i> ⁹	0.0	<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)	13.5	0.0	0.3	0.0	2.5%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Adult spawning and migration; juvenile rearing and migration habitat (linear miles)	33.0	0.0	0.0	4.6	0.0%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
Non-natal juvenile rearing habitat (linear miles)	5.0	0.0	0.0	0.0	0.0%	0.0	Not applicable ⁹	0.0	Not applicable	Not applicable
<i>Subtotal</i>	51.5	0.0	0.3	4.7	0.6%	0.0	<i>Not applicable</i> ⁹	0.0	<i>Not applicable</i>	<i>Not applicable</i>
Sacramento Splittail										
Rearing, migration, and potential spawning habitat (linear miles)	8.3	0.0	0.3	0.0	3.3%	0.0	0.0	0.0	0	3.3%
Green Sturgeon										
Adult migration and spawning; juvenile migration and rearing habitat (linear miles)	8.3	0.0	0.3	0.0	3.3%	0.0	0.0	0.0	0	3.3%
Adult migration; juvenile migration and rearing habitat (linear miles)	0.0	0.0	0.0	0.0	0.0%	0.0	0.0	0.0	0	0.0%

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>	8.3	0.0	0.3	0.0	3.3%	0.0	0.0	0.0	0	3.3%
River Lamprey										
Spawning, rearing, and migration habitat (linear miles)	8.3	0.0	0.3	0.0	3.3%	0.0	0.0	0.0	0	3.3%
Valley Elderberry Longhorn Beetle										
Habitat	3,960	269	264	226	6.7%	1	1,270	235	1,769	45.1%
Vernal Pool Tadpole Shrimp										
Habitat	2,580	60	596	0	23.1%	0	990	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences	1	1	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	Not applicable	Not applicable ⁶
No. of Occurrences	1	0	0	0	0.0%	0	Not applicable ¹¹	Not applicable ¹²	Not applicable	Not applicable
Vernal Pool Fairy Shrimp										
Habitat	2,580	60	596	0	23.1%	0	990	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences	1	1	0	0	0.0%	0	0	0	Not applicable	Not applicable
Ferris' Milkvetch										
Habitat	823	62	174	0	21.2%	0	400	0	574	Not applicable
No. of Occurrences	0	0	0	0	Not applicable	0	Not applicable ¹¹	0	#VALUE!	Not applicable
Lesser Saltscallion⁶										
No. of Occurrences	0	0	0	0	Not applicable	0	Not applicable ¹¹	0	Not applicable	Not applicable
Hoover's Spurge										

Habitat	2,580	60	596	0	23.1%	0	990	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences ¹⁴	3	0	2	0	66.7%	0	1	Not applicable ¹²	Not applicable	Not applicable
Ahart's Dwarf Rush										
Habitat	2,580	60	596	0	23.1%	0	990	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	2,580	60	596	0	23.1%	0	990	0	Not applicable	Not applicable
No. of Occurrences	0	0	0	0	Not applicable	0	0	0	Not applicable	Not applicable
Butte County Meadowfoam	Not applicable ¹³									
Veiny Monardella⁶										
No. of Occurrences	0	0	0	0	Not applicable	Not applicable	Not applicable ¹¹	0	Not applicable	Not applicable
Hairy Orcutt Grass										
Habitat	2,580	60	596	0	23.1%	0	990	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	2,580	60	596	0	23.1%	0	990	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	2,580	60	596	0	23.1%	0	990	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	1	1	0	0	0.0%	0	0	0	Not applicable	Not applicable
Butte County Golden Clover										
Habitat	53	31	0	0	0.0%	0	0	0	0	0.0%
No. of Occurrences	0	0	0	0	Not applicable	0	Not applicable ¹¹	0	Not applicable	Not applicable
Greene's Tuctoria										
Habitat	2,580	60	596	0	23.1%	0	990	Not applicable ¹⁰	Not applicable	Not applicable
No. of Occurrences	1	0	1	0	100.0%	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.

³GIS 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.

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