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ICF International. 2012. *Appendix 3.D Natural Community and Covered Species Habitat Existing Condition—Acreages By Conservation Zone*. Administrative Draft. *Bay Delta Conservation Plan*. February. (ICF 00610.10).

Appendix 3.D

Natural Community and Covered Species Habitat Existing Condition—Acreages by Conservation Zone

Table 3.D-1a. Total Extent of Existing and Protected Natural Communities in BDCP Conservation Zones 1 through 11

Natural Community	Existing Conditions			
	Total Extent (acres) ¹	Total Protected (acres)	Total Unprotected (acres)	Percent Protected
Tidal perennial aquatic	86,236	18,085	68,151	21%
Tidal mudflat ²			-	
Tidal brackish emergent wetland	8,351	5,102	3,249	61%
Tidal freshwater emergent wetland	8,947	4,991	3,956	56%
Valley/foothill riparian	17,930	5,425	12,505	30%
Nontidal perennial aquatic	5,421	1,250	4,171	23%
Nontidal freshwater perennial emergent wetland	1,135	407	728	36%
Alkali seasonal wetland complex	3,722	2,769	953	74%
Vernal pool complex	7,908	4,536	3,372	57%
Managed wetlands	64,861	52,689	12,172	81%
Other natural seasonal wetland	322	245	77	76%
Grassland	77,495	18,263	59,232	24%
Inland dune scrub	19	17	2	89%
Cultivated lands				
Alfalfa	82,282	3,665	78,617	4%
Irrigated Pasture	49,694	12,747	36,947	26%
Vineyard	28,901	2,476	26,425	9%
Orchard	18,019	343	17,676	2%
Rice	12,637	2,202	10,435	17%
Other Cultivated Crops	229,828	24,736	205,092	11%
<i>Subtotal: Cropland only</i>	<i>421,361</i>	<i>46,169</i>	<i>375,192</i>	<i>11%</i>
Other Cultivated lands	82,417	10,996	71,421	13%
<i>Total: All cultivated lands</i>	<i>503,779</i>	<i>57,165</i>	<i>446,614</i>	<i>11%</i>
Plan Area Total	786,125	170,944	615,181	22%
¹ Total extent modeled (acres)				
² Tidal mudflats are not delineated within the BDCP land cover type GIS data base, but are subsumed in acreages shown for tidal communities.				

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Natural Community and Covered Species Habitat
Existing Condition—Acreages by Conservation Zone

Appendix 3.D

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ADMIN DRAFT

1 **Table 3.D-1b. Current Extent of Existing and Protected Natural Communities in BDCP Conservation Zones 1 through 5**

Natural Community	Conservation Zone 1				Conservation Zone 2				Conservation Zone 3				Conservation Zone 4				Conservation Zone 5			
	Total Extent ¹	Acres Protected	Acres Unprotected	Percent Protected	Total Extent ¹	Acres Protected	Acres Unprotected	Percent Protected	Total Extent ¹	Acres Protected	Acres Unprotected	Percent Protected	Total Extent ¹	Acres Protected	Acres Unprotected	Percent Protected	Total Extent ¹	Acres Protected	Acres Unprotected	Percent Protected
Tidal perennial aquatic	1,011	52	959	5%	6,703	4,808	1,895	72%	4,967	9	4,958	0.2%	1,200	740	461	62%	21,965	3,546	18,419	16%
Tidal mudflat ²	N/A	N/A	N/A	N/A																
Tidal brackish emergent wetland	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
Tidal freshwater emergent wetland	454	160	294	35%	1,710	1,633	77	95%	167	4	163	2%	648	545	103	84%	3,585	2,305	1,280	64%
Valley/foothill riparian	357	107	250	30%	2,427	1,674	753	69%	2,080	20	2,060	1%	2,575	1,711	864	66%	2,718	1,065	1,653	39%
Nontidal perennial aquatic	289	23	266	8%	718	343	375	48%	692	0	692	0%	645	510	135	79%	437	133	304	30%
Nontidal permanent freshwater emergent wetland	70	1	69	1%	49	46	3	94%	12	0	12	0%	11	11	0	99%	176	55	121	31%
Alkali seasonal wetland complex	258	30	228	12%	2,773	2,632	141	95%	0	0	0	0%	17	16	1	95%	42	42	0	99%
Vernal pool complex	3,355	1,425	1,930	42%	1,738	1,716	22	99%	0	0	0	0%	1,082	1,082	0	100%	0	0	0	0%
Managed wetlands	714	0	714	0%	6,936	6,343	593	91%	122	2	120	2%	1,089	1,053	36	97%	1,030	737	293	72%
Other natural seasonal wetland	37	9	28	24%	8	8	(0)	104%	0	0	0	0%	193	186	7	96%	1	0	1	0%
Grassland	6,091	620	5,471	10%	7,007	5,271	1,736	75%	5,524	15	5,509	0.3%	4,800	3,201	1,599	67%	5,828	2,138	3,690	37%
Inland dune scrub	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
Cultivated lands																				
Alfalfa	5,909	0	5,909	0%	1,703	412	1,291	24%	14,556	155	14,401	1%	4,896	747	4,149	15%	6,872	1,726	5,146	25%
Irrigated Pasture	18,107	390	17,717	2%	10,178	5,703	4,475	56%	2,033	57	1,976	3%	2,688	991	1,697	37%	7,311	4,874	2,437	67%
Vineyard	0	0	0	0%	0	0	0	0%	10,233	0	10,233	0%	8,330	2,319	6,011	28%	5,065	11	5,054	0%
Orchard	64	0	64	0%	73	0	73	0%	5,143	0	5,143	0%	1,072	116	956	11%	3,065	83	2,982	3%
Rice	0	0	0	0%	9,802	2,202	7,600	22%	0	0	0	0%	0	0	0	0%	1,738	0	1,738	0%
Other Cultivated Crops	9,741	353	9,388	4%	12,714	3,783	8,931	30%	28,583	1	28,582	0%	12,466	3,985	8,481	32%	54,243	12,205	42,038	23%
Subtotal: Cropland only	33,821	743	33,078	2%	34,470	12,100	22,370	35%	60,549	213	60,336	0.4%	29,452	8,158	21,294	28%	78,294	18,899	59,395	24%
Other Cultivated lands	7,604	1,276	6,328	17%	4,364	3,126	1,238	72%	9,131	197	8,934	2%	7,119	2,800	4,319	39%	9,602	1,999	7,603	21%
Total: All cultivated lands	41,426	2,019	39,407	5%	38,834	15,226	23,608	39%	69,681	410	69,271	0.6%	36,571	10,958	25,613	30%	87,896	20,898	66,998	24%
Plan Area Total	54,061	4,446	49,615	8%	68,904	39,700	29,204	58%	83,246	460	82,786	0.6%	48,832	20,013	28,819	41%	123,679	30,919	92,760	25%

¹ Total extent modeled (acres)

² Tidal mudflats are not delineated within the BDCP land cover type GIS data base, but are subsumed in acreages shown for tidal communities.

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1 **Table 3.D-1c. Current Extent of Existing and Protected Natural Communities in BDCP Conservation Zones 6 through 11**

Natural Community	Conservation Zone 6				Conservation Zone 7				Conservation Zone 8				Conservation Zone 9				Conservation Zone 10				Conservation Zone 11			
	Total Extent ¹	Acres Protected	Acres Unprotected	Percent Protected	Total Extent ¹	Acres Protected	Acres Unprotected	Percent Protected	Total Extent ¹	Acres Protected	Acres Unprotected	Percent Protected	Total Extent ¹	Acres Protected	Acres Unprotected	Percent Protected	Total Extent ¹	Acres Protected	Acres Unprotected	Percent Protected	Total Extent ¹	Acres Protected	Acres Unprotected	Percent Protected
Tidal perennial aquatic	16,721	3,521	13,200	21%	2,356	77	2,279	3%	3,475	2,295	1,180	66%	1,443	5	1,438	0%	733	195	538	27%	25,662	2,837	22,825	11%
Tidal mudflat ²	N/A	N/A	N/A	N/A																				
Tidal brackish emergent wetland	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	8,351	5,102	3,249	61%
Tidal freshwater emergent wetland	1,415	156	1,259	11%	83	1	82	1%	102	1	101	1%	150	5	145	3%	477	136	341	29%	154	45	109	29%
Valley/foothill riparian	3,702	506	3,196	14%	2,671	120	2,551	4%	256	23	233	9%	185	10	175	5%	279	73	206	26%	679	116	563	17%
Nontidal perennial aquatic	1,517	187	1,330	12%	720	20	700	3%	149	9	140	6%	137	14	123	10%	36	0	36	0%	80	11	69	14%
Non-tidal permanent freshwater emergent wetland	628	264	364	42%	69	0	69	0%	39	2	37	5%	33	17	16	52%	37	5	32	13%	10	6	4	58%
Alkali seasonal wetland complex	35	0	35	0%	12	0	12	0%	188	7	181	4%	22	0	22	0%	105	0	105	0%	270	42	228	16%
Vernal pool complex	0	0	0	0%	0	0	0	0%	381	27	354	7%	120	0	120	0%	0	0	0	0%	1,231	286	945	23%
Managed wetlands	4,530	1,890	2,640	42%	71	7	64	10%	57	17	40	30%	73	40	33	55%	624	2	622	0%	49,614	42,598	7,016	86%
Other natural seasonal wetland	0	0	0	0%	18	1	17	6%	0	0	0	0%	3	0	3	0%	5	0	5	0%	58	41	17	71%
Grassland	13,603	1,686	11,917	12%	5,951	194	5,757	3%	4,517	763	3,754	17%	3,692	100	3,592	3%	2,536	70	2,466	3%	17,947	4,205	13,742	23%
Inland dune scrub	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	19	17	2	89%	0	0	0	0%
Cultivated lands																								
Alfalfa	10,426	0	10,426	0%	28,235	526	27,709	2%	7,862	6	7,856	0%	1,823	93	1,730	5%	0	0	0	0%	0	0	0	0%
Irrigated Pasture	3,324	572	2,752	17%	3,466	0	3,466	0%	1,311	0	1,311	0%	726	5	721	1%	0	0	0	0%	550	155	395	28%
Vineyard	496	146	350	29%	2,679	0	2,679	0%	698	0	698	0%	946	0	946	0%	454	0	454	0%	0	0	0	0%
Orchard	402	1	401	0%	5,776	126	5,650	2%	61	0	61	0%	2,339	17	2,322	1%	23	0	23	0%	0	0	0	0%
Rice	1,097	0	1,097	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
Other Cultivated Crops	42,738	1,928	40,810	5%	46,755	1,302	45,453	3%	11,816	0	11,816	0%	10,678	1,179	9,499	11%	93	0	93	0%	1	0	1	0%
<i>Subtotal: Cropland only</i>	<i>58,483</i>	<i>2,647</i>	<i>55,836</i>	<i>5%</i>	<i>86,911</i>	<i>1,954</i>	<i>84,957</i>	<i>2%</i>	<i>21,748</i>	<i>6</i>	<i>21,742</i>	<i>0%</i>	<i>16,511</i>	<i>1,294</i>	<i>15,217</i>	<i>8%</i>	<i>570</i>	<i>0</i>	<i>570</i>	<i>0%</i>	<i>551</i>	<i>155</i>	<i>396</i>	<i>28%</i>
Other Cultivated lands	10,137	1,083	9,054	11%	17,873	311	17,562	2%	4,864	19	4,845	0%	8,056	146	7,910	2%	934	13	921	1%	2,733	26	2,707	1%
<i>Total: All cultivated lands</i>	<i>68,620</i>	<i>3,730</i>	<i>64,890</i>	<i>5%</i>	<i>104,785</i>	<i>2,265</i>	<i>102,520</i>	<i>2%</i>	<i>26,612</i>	<i>25</i>	<i>26,587</i>	<i>0%</i>	<i>24,567</i>	<i>1,440</i>	<i>23,127</i>	<i>6%</i>	<i>1,505</i>	<i>13</i>	<i>1,492</i>	<i>1%</i>	<i>3,283</i>	<i>181</i>	<i>3,102</i>	<i>6%</i>
Plan Area Total	110,771	11,940	98,831	11%	116,735	2,685	114,050	2%	35,776	3,169	32,607	9%	30,426	1,631	28,795	5%	6,356	511	5,845	8%	107,339	55,470	51,869	52%

¹ Total extent modeled (acres)

² Tidal mudflats are not delineated within the BDCP land cover type GIS data base, but are subsumed in acreages shown for tidal communities.

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1 **Table 3.D-2a. Extent of Existing and Protected Covered Species' Habitat Types in Conservation Zones 1–11 (acres)**

Covered Species	Existing Conditions			
	Total Extent Modeled Habitat (acres)	Total Protected (acres)	Total Unprotected (acres)	Percent Protected
Mammals				
Riparian brush rabbit				
<i>Riparian habitat</i>	2,894	138	2,756	5%
<i>Grassland habitat</i>	3,103	314	2,789	10%
<i>Riparian brush rabbit total</i>	5,997	452	5,545	8%
<i>Riparian woodrat total</i>	2,156	101	2,055	5%
Salt marsh harvest mouse:				
<i>Wetland habitat</i>	14,265	12,390	1,875	87%
<i>Upland habitat</i>	3,733	3,149	584	84%
<i>Salt marsh harvest mouse total</i>	17,998	15,539	2,459	86%
San joaquin kit fox				
<i>Breeding, foraging, and dispersal</i>	5,217	638	4,579	12%
<i>San Joaquin kit fox total</i>	5,217	638	4,579	12%
Suisun shrew				
<i>Primary habitat</i>	20,411	17,114	3,297	84%
<i>Secondary habitat</i>	3,805	3,152	653	83%
<i>Suisun shrew total</i>	24,216	20,266	3,950	84%
Townsend's big-eared bat:				
<i>Primary foraging habitat</i>	10,880	3,640	7,240	33%
<i>Roosting and primary foraging habitat</i>	7,493	1,959	5,534	26%
<i>Secondary foraging habitat</i>	768,626	165,495	603,131	22%
<i>Townsend's big-eared bat total</i>	787,000	171,094	615,906	22%

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Natural Community and Covered Species Habitat Existing Condition—
Acreages by Conservation Zone

Appendix 3.D

Covered Species	Existing Conditions			
	Total Extent Modeled Habitat (acres)	Total Protected (acres)	Total Unprotected (acres)	Percent Protected
Birds				
California black rail				
<i>Primary habitat</i>	19,317	15,951	3,366	83%
<i>Secondary habitat</i>	7,136	5,170	1,966	72%
Californian black rail total	26,453	21,121	5,332	80%
California clapper rail				
<i>Primary habitat</i>	10,858	9,363	1,495	86%
<i>Secondary habitat</i>	14,387	10,232	4,155	71%
California clapper rail total	25,245	19,595	5,650	78%
California least tern total	86,231	18,077	68,154	21%
Greater sandhill crane				
<i>Primary use area</i>	4,556	1,710	2,846	38%
<i>Secondary use area</i>	191,531	38,285	153,246	20%
Greater sandhill crane total	196,087	39,995	156,092	20%
Least bell's vireo total	14,731	5,090	9,641	35%
Suisun song sparrow				
<i>Primary habitat</i>	3,431	2,218	1,213	65%
<i>Secondary habitat</i>	22,248	17,765	4,483	80%
Suisun song sparrow total	25,678	19,983	5,695	78%
Swainson's hawk :				
<i>Foraging habitat</i>	435,087	75,695	359,392	17%
<i>Nesting habitat</i>	10,149	3,254	6,895	32%
Swainson's hawk total	445,235	78,949	366,286	18%
Tricolored blackbird:				
<i>Breeding habitat-ag foraging</i>	68,830	7,053	61,777	10%
<i>Breeding habitat-foraging</i>	59,660	23,952	35,708	40%

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Acreages by Conservation Zone

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Covered Species	Existing Conditions			
	Total Extent Modeled Habitat (acres)	Total Protected (acres)	Total Unprotected (acres)	Percent Protected
<i>Breeding habitat-nesting</i>	13,157	10,002	3,155	76%
<i>Nonbreeding habitat-foraging ag</i>	293,846	34,127	259,719	12%
<i>Nonbreeding habitat-roosting</i>	18,226	9,751	8,475	54%
<i>Non-breeding habitat-foraging</i>	37,719	9,096	28,623	24%
<i>Tricolored blackbird total</i>	491,438	93,981	397,457	19%
Western burrowing owl:				
<i>High-value habitat</i>	67,906	20,008	47,898	29%
<i>Moderate-value habitat</i>	58,790	21,365	37,425	36%
<i>Low-value habitat</i>	294,238	33,754	260,484	11%
<i>Western burrowing owl total</i>	420,935	75,127	345,808	18%
Western yellow-billed cuckoo				
<i>Breeding habitat</i>	4,735	2,172	2,563	46%
<i>Migratory habitat</i>	7,868	2,136	5,732	27%
<i>Western yellow-billed cuckoo total</i>	12,603	4,308	8,295	34%
White-tailed kite:				
<i>Breeding habitat</i>	14,315	4,600	9,715	32%
<i>Foraging habitat</i>	494,710	104,688	390,022	21%
<i>White-tailed kite total</i>	509,026	109,288	399,738	21%
Yellow-breasted chat				
<i>Primary nesting and migratory habitat</i>	7,384	2,191	5,193	30%
<i>Secondary nesting and migratory habitat</i>	5,530	1,894	3,636	34%
<i>Suisun marsh/upper yolo bypass nest and migratory habitat</i>	1,849	933	916	50%
<i>Yellow-breasted chat total</i>	14,764	5,018	9,746	34%
Reptiles				
Giant garter snake				
<i>Aquatic breeding, foraging and movement</i>	29,430	7,384	22,046	25%

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Covered Species	Existing Conditions			
	Total Extent Modeled Habitat (acres)	Total Protected (acres)	Total Unprotected (acres)	Percent Protected
<i>Upland-high</i>	18,377	6,479	11,898	35%
<i>Upland-moderate</i>	40,192	10,012	30,180	25%
<i>Upland-low</i>	36,709	3,509	33,200	10%
<i>Giant garter snake total</i>	124,708	27,384	97,324	22%
<i>Giant garter snake: miles of aquatic breeding, foraging and movement habitat</i>	1,298	274	1,024	21%
Western pond turtle				
<i>Aquatic habitat</i>	81,509	32,820	48,689	40%
<i>Dispersal habitat</i>	619,335	117,131	502,204	19%
<i>Upland nesting and overwintering</i>	46,089	14,859	31,230	32%
<i>Western pond turtle total</i>	746,934	164,810	582,124	22%
Amphibians				
California red-legged frog				
<i>Aquatic habitat</i>	149	20	129	13%
<i>Upland cover and dispersal habitat</i>	9,055	1,590	7,465	18%
<i>Dispersal habitat</i>	19,644	151	19,493	1%
<i>California red-legged frog total</i>	28,848	1,761	27,087	6%
<i>California red-legged frog: miles of aquatic habitat</i>	29	3	26	10%
California tiger salamander				
<i>Aquatic breeding habitat</i>	7,332	4,166	3,166	57%
<i>Terrestrial cover and aestivation habitat</i>	28,895	8,388	20,507	29%
<i>California tiger salamander total</i>	36,226	12,554	23,672	35%
Western spadefoot:				
<i>Aquatic breeding habitat</i>	7,335	4,167	3,168	57%
<i>Terrestrial cover and aestivation habitat</i>	29,546	8,436	21,110	29%
<i>Western spadefoot total</i>	36,881	12,603	24,278	34%
<i>Western spadefoot: miles of aquatic breeding habitat</i>	78	27	51	35%

Note to Reader: This is a revised working draft prepared by the BDCP consultants. This document is currently undergoing review by the Department of Water Resources with input from the Department of Fish and Game, U.S. Fish and Wildlife Service, National Marine Fisheries Service, and U.S. Bureau of Reclamation and does not necessarily reflect the position of the state or federal agencies. It is expected to go through several more revisions prior to being released for formal public review and comment in 2012. All members of the public will have an opportunity to provide comments on the public draft of a revised version of this document during the formal public review and comment period. Responses will be prepared only on comments submitted in the formal public review and comment period.

Natural Community and Covered Species Habitat Existing Condition—
Acreages by Conservation Zone

Appendix 3.D

Covered Species	Existing Conditions			
	Total Extent Modeled Habitat (acres)	Total Protected (acres)	Total Unprotected (acres)	Percent Protected
Invertebrates				
Valley elderberry longhorn beetle:				
<i>Riparian vegetation</i>	17,796	5,397	12,399	30%
<i>Non-riparian channels and grasslands</i>	16,485	4,283	12,202	26%
<i>Valley elderberry longhorn beetle total</i>	34,281		34,281	0%
All vernal pool crustaceans				
<i>High quality habitat</i>	7,770	4,475	3,295	58%
<i>Low quality habitat</i>	2,631	745	1,886	28%
<i>All vernal pool crustaceans total</i>	10,401	5,220	5,181	50%
Plants				
Alkali milk-vetch				
<i>Vernal pool complex</i>	7,907	4,536	3,371	57%
<i>Degraded vernal pool complex</i>	2,494	684	1,810	27%
<i>Alkali milk-vetch total</i>	10,401	5,220	5,181	50%
Boggs lake hedge-hyssop			-	
<i>Vernal pool complex</i>	7,907	4,536	3,371	57%
<i>Degraded vernal pool complex</i>	2,494	684	1,810	27%
<i>Boggs lake hedge-hyssop total</i>	10,401	5,220	5,181	50%
<i>Brittlescale total</i>	472		346	27%
<i>Caper-fruited tropidocarpum total</i>	1,410	21	1,389	1%
<i>Carquinez goldenbush total</i>	1,019	380	639	37%
<i>Delta button celery total</i>	3,330	270	3,060	8%
<i>Delta mudwort total</i>	6,074	1,501	4,573	25%
<i>Delta tule pea total</i>	5,817	3,669	2,148	63%

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Natural Community and Covered Species Habitat Existing Condition—
Acreages by Conservation Zone

Appendix 3.D

Covered Species	Existing Conditions			
	Total Extent Modeled Habitat (acres)	Total Protected (acres)	Total Unprotected (acres)	Percent Protected
Dwarf downingia			-	
<i>Vernal pool complex</i>	7,907	4,536	3,371	57%
<i>Degraded vernal pool complex</i>	2,494	684	1,810	27%
<i>Dwarf downingia total</i>	10,401	5,220	5,181	50%
<i>Heartscale total</i>	6,071	2,759	3,312	45%
Heckard's peppergrass			-	
<i>Vernal pool complex</i>	7,907	4,536	3,371	57%
<i>Degraded vernal pool complex</i>	2,494	684	1,810	27%
<i>Heckard's peppergrass total</i>	10,401	5,220	5,181	50%
Legenere			-	
<i>Vernal pool complex</i>	7,907	4,536	3,371	57%
<i>Degraded vernal pool complex</i>	2,494	684	1,810	27%
<i>Legenere total</i>	10,401	5,220	5,181	50%
<i>Mason's lilaeopsis total</i>	6,074	1,501	4,573	25%
San Joaquin spearscale			-	
<i>Vernal pool complex</i>	7,907	4,536	3,371	57%
<i>Degraded vernal pool complex</i>	2,494	684	1,810	27%
<i>San Joaquin spearscale total</i>	10,401	5,220	5,181	50%
<i>Side-flowering skullcap total</i>	2,495	701	1,794	28%
<i>Slough thistle total</i>	1,834	188	1,646	10%
<i>Soft bird's-beak total</i>	1,225	869	356	71%
<i>Suisun Marsh aster total</i>	5,817	3,669	2,148	63%
<i>Suisun thistle total</i>	1,129	830	299	74%

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1 Table 3.D-2b. Current Extent of Existing and Protected Covered Species' Habitat Types in BDCP Conservation Zones 1-5

Covered species	Conservation Zone 1				Conservation Zone 2				Conservation Zone 3				Conservation Zone 4				Conservation Zone 5			
	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected
Mammals																				
Riparian brush rabbit																				
<i>Riparian habitat</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
<i>Grassland habitat</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
<i>Riparian brush rabbit total</i>	0	0	0	0%																
<i>Riparian woodrat total</i>	0	0	0	0%																
Salt marsh harvest mouse:																				
<i>Wetland habitat</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
<i>Upland habitat</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
<i>Salt marsh harvest mouse total</i>	0	0	0	0%																
San joaquin kit fox																				
<i>Breeding, foraging, and dispersal</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
<i>San Joaquin kit fox total</i>	0	0	0	0%																
Suisun shrew																				
<i>Primary habitat</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
<i>Secondary habitat</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
<i>Suisun shrew total</i>	0	0	0	0%																
Townsend's big-eared bat:																				
<i>Primary foraging habitat</i>	309	105	204	34%	1,711	1,215	496	71%	784	9	775	1%	1,163	933	230	80%	1,973	803	1,170	41%
<i>Roosting and primary foraging habitat</i>	60	2	58	3%	717	459	258	64%	1,306	7	1,299	1%	1,415	779	636	55%	788	279	509	35%
<i>Secondary foraging habitat</i>	53,693	4,336	49,357	8%	66,475	38,020	28,455	57%	81,156	439	80,717	1%	46,254	18,294	27,960	40%	120,918	29,837	91,081	25%
<i>Townsend's big-eared bat total</i>	54,061	4,443	49,618	8%	68,903	39,694	29,209	58%	83,247	455	82,792	1%	48,831	20,006	28,825	41%	123,679	30,919	92,760	25%
Birds																				
California black rail																				
<i>Primary habitat</i>	0	0	0	0%	16	16	0	100%	0	0	0	0%	0	0	0	0%	36	3	33	8%
<i>Secondary habitat</i>	20	0	20	0%	1,167	1,141	26	98%	12	2	10	17%	6	4	2	67%	2,558	1,752	806	68%
<i>Californian black rail total</i>	20	0	20	0%	1,182	1,157	25	98%	12	2	10	17%	6	4	2	67%	2,594	1,755	839	68%
California clapper rail																				
<i>Primary habitat</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
<i>Secondary habitat</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	753	309	444	41%
<i>California clapper rail total</i>	0	0	0	0%	753	309	444	41%												
<i>California least tern total</i>	1,011	52	959	5%	6,703	4,803	1,900	72%	4,967	8	4,959	0%	1,200	740	460	62%	21,965	3,546	18,419	16%
Greater sandhill crane																				
<i>Primary use area</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	1,094	1,056	38	96%	2,845	588	2,257	21%
<i>Secondary use area</i>	0	0	0	0%	135	135	0	100%	40,751	233	40,518	1%	24,481	10,718	13,763	44%	69,040	20,702	48,338	30%
<i>Greater sandhill crane total</i>	0	0	0	0%	135	135	0	100%	40,751	233	40,518	1%	25,576	11,774	13,802	46%	71,886	21,290	50,596	30%
<i>Least bell's vireo total</i>	320	102	218	32%	2,248	1,634	614	73%	1,293	11	1,282	1%	1,900	1,366	534	72%	2,183	954	1,229	44%
Suisun song sparrow																				

Covered species	Conservation Zone 1				Conservation Zone 2				Conservation Zone 3				Conservation Zone 4				Conservation Zone 5			
	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected
Primary habitat	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	199	129	70	65%
Secondary habitat	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	773	317	456	41%
Suisun song sparrow total	0	0	0	0%	971	446	525	46%												
Swainson's hawk :																				
Foraging habitat	43,722	2,821	40,901	6%	40,590	23,940	16,650	59%	49,748	232	49,516	0%	25,782	10,597	15,185	41%	70,309	20,890	49,419	30%
Nesting habitat	148	12	136	8%	1,608	1,131	477	70%	1,510	11	1,499	1%	1,924	1,219	705	63%	1,221	388	833	32%
Swainson's hawk total	43,869	2,833	41,036	6%	42,199	25,071	17,128	59%	51,257	243	51,014	0%	27,706	11,816	15,890	43%	71,530	21,278	50,252	30%
Tricolored blackbird:																				
Breeding habitat-ag foraging	13,770	-	13,770	0%	11,878	5,521	6,357	46%	10,527	0	10,527	0%	466	77	389	17%	733	699	34	95%
Breeding habitat-foraging	6,802	1,861	4,941	27%	9,730	8,436	1,294	87%	4,366	2	4,364	0%	2,593	2,185	408	84%	207	132	75	64%
Breeding habitat-nesting	135	18	117	13%	117	53	64	45%	318	1	317	0%	93	79	14	85%	82	75	7	91%
Nonbreeding hab-foraging ag	17,924	390	17,534	2%	9,240	4,810	4,430	52%	38,703	219	38,484	1%	24,190	6,306	17,884	26%	67,439	17,366	50,073	26%
Nonbreeding hab-roosting	557	189	368	34%	4,446	4,129	317	93%	289	5	284	2%	1,195	974	221	82%	4,279	2,438	1,841	57%
Nonbreeding habitat-foraging	2,764	104	2,660	4%	2,119	1,449	670	68%	1,159	13	1,146	1%	3,406	2,202	1,204	65%	5,663	2,049	3,614	36%
Tricolored blackbird total	41,952	2,562	39,390	6%	37,531	24,398	13,133	65%	55,360	240	55,120	0%	31,943	11,823	20,120	37%	78,404	22,759	55,645	29%
Western burrowing owl:																				
High-value habitat	9,842	1,981	7,861	20%	5,547	4,548	999	82%	5,713	15	5,698	0%	5,190	3,655	1,535	70%	5,368	1,766	3,602	33%
Moderate-value habitat	18,010	436	17,574	2%	16,751	11,337	5,414	68%	1,462	57	1,405	4%	3,268	1,537	1,731	47%	6,633	5,291	1,342	80%
Low-value habitat	15,488	365	15,123	2%	18,754	8,433	10,321	45%	38,368	169	38,199	0%	13,865	4,014	9,851	29%	55,925	13,515	42,410	24%
Western burrowing owl total	43,340	2,782	40,558	6%	41,052	24,318	16,734	59%	45,542	241	45,301	1%	22,323	9,206	13,117	41%	67,926	20,572	47,354	30%
Western yellow-billed cuckoo																				
Breeding habitat	0	0	0	0%	1,292	1,020	272	79%	277	0	277	0%	618	503	115	81%	531	358	173	67%
Migratory habitat	304	91	213	30%	833	499	334	60%	782	11	771	1%	914	630	284	69%	1,386	480	906	35%
Western yellow-billed cuckoo total	304	91	213	30%	2,125	1,519	606	71%	1,059	11	1,048	1%	1,532	1,133	399	74%	1,916	838	1,078	44%
White-tailed kite:																				
Breeding habitat	297	90	207	30%	2,096	1,498	598	71%	1,744	13	1,731	1%	2,209	1,420	789	64%	1,970	776	1,194	39%
Foraging habitat	43,959	2,825	41,134	6%	48,467	24,075	24,392	50%	50,333	234	50,099	0%	26,104	10,718	15,386	41%	70,907	21,070	49,837	30%
White-tailed kite total	44,256	2,915	41,341	7%	50,563	25,573	24,990	51%	52,077	247	51,830	0%	28,313	12,138	16,175	43%	72,876	21,846	51,030	30%
Yellow-breasted chat																				
Primary nesting and migratory habitat	219	47	172	21%	823	502	321	61%	889	7	882	1%	1,309	911	398	70%	1,048	378	670	36%
Secondary nesting and migratory habitat	112	60	52	53%	496	416	80	84%	405	4	401	1%	601	459	142	76%	1,144	580	564	51%
Suisun marsh/upper yolo bypass nest and migratory habitat	0	0	0	0%	930	717	213	77%	1	0	1	0%	0	0	0	0%	0	0	0	0%
Yellow-breasted chat total	331	107	224	32%	2,248	1,635	613	73%	1,295	11	1,284	1%	1,910	1,370	540	72%	2,192	958	1,234	44%
Reptiles																				
Giant garter snake																				
Aquatic breeding, foraging and movement	1,022	200	822	20%	12,741	4,491	8,250	35%	1,344	8	1,336	1%	1,652	1,259	393	76%	4,007	461	3,546	12%
Upland-high	1,645	369	1,276	22%	2,887	1,938	949	67%	2,564	2	2,562	0%	2,384	1,573	811	66%	3,379	1,053	2,326	31%
Upland-moderate	4,939	555	4,384	11%	3,839	2,510	1,329	65%	5,700	62	5,638	1%	3,535	1,940	1,595	55%	7,054	2,833	4,221	40%
Upland-low	939	73	866	8%	833	236	597	28%	5,276	15	5,261	0%	2,430	954	1,476	39%	7,263	1,132	6,131	16%
Giant garter snake total	8,545	1,197	7,348	14%	20,300	9,175	11,125	45%	14,884	87	14,797	1%	10,001	5,726	4,275	57%	21,703	5,479	16,224	25%

Covered species	Conservation Zone 1				Conservation Zone 2				Conservation Zone 3				Conservation Zone 4				Conservation Zone 5			
	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected
<i>Giant garter snake: miles of aquatic breeding, foraging and movement habitat</i>	139	17	122	12%	98	69	29	70%	159	2	157	1%	107	48	59	45%	242	75	167	31%
Western pond turtle:																				
<i>Aquatic habitat</i>	1,818	234	1,584	13%	9,080	6,778	2,302	75%	3,892	12	3,880	0%	2,494	1,795	699	72%	13,959	3,976	9,983	28%
<i>Dispersal habitat</i>	47,639	3,130	44,509	7%	55,768	29,936	25,832	54%	73,707	430	73,277	1%	42,741	15,346	27,395	36%	94,265	23,597	70,668	25%
<i>Upland nesting and overwintering</i>	4,599	1,078	3,521	23%	3,956	2,933	1,023	74%	3,701	13	3,688	0%	3,585	2,855	730	80%	3,250	1,284	1,966	40%
Western pond turtle total	54,055	4,442	49,613	8%	68,804	39,647	29,157	58%	81,299	455	80,844	1%	48,820	19,996	28,824	41%	111,474	28,857	82,617	26%
Amphibians																				
California red-legged frog:																				
<i>Aquatic habitat</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
<i>Upland cover and dispersal habitat</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
<i>Dispersal habitat</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
California red-legged frog total	0	0	0	0%																
<i>California red-legged frog: miles of aquatic habitat</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
California tiger salamander :																				
<i>Aquatic breeding habitat</i>	3,367	1,425	1,942	42%	1,476	1,476	0	100%	0	0	0	0%	1,082	1,082	0	100%	0	0	0	0%
<i>Terrestrial cover and aestivation habitat</i>	4,659	477	4,182	10%	2,535	2,202	333	87%	0	0	0	0%	1,874	1,760	114	94%	0	0	0	0%
California tiger salamander total	8,026	1,902	6,124	24%	4,011	3,678	333	92%	0	0	0	0%	2,956	2,842	114	96%	0	0	0	0%
Western spadefoot:																				
<i>Aquatic breeding habitat</i>	3,368	1,425	1,943	42%	1,477	1,476	1	100%	0	0	0	0%	1,082	1,082	0	100%	0	0	0	0%
<i>Terrestrial cover and aestivation habitat</i>	4,797	479	4,318	10%	2,537	2,204	333	87%	0	0	0	0%	1,884	1,770	114	94%	0	0	0	0%
Western spadefoot total	8,165	1,904	6,261	23%	4,014	3,680	334	92%	0	0	0	0%	2,967	2,852	115	96%	0	0	0	0%
<i>Western spadefoot: miles of aquatic breeding habitat</i>	16	2	14	13%	14	12	2	85%	0	0	0	0%	5	4	1	85%	0	0	0	0%
Invertebrates																				
Valley elderberry longhorn beetle:																				
<i>Riparian vegetation</i>	357	107	250	30%	2,285	1,650	635	72%	2,080	16	2,064	1%	2,575	1,711	864	66%	2,718	1,065	1,653	39%
<i>Non-riparian channels and grasslands</i>	1,262	201	1,061	16%	1,380	774	606	56%	2,223	14	2,209	1%	1,311	877	434	67%	2,778	841	1,937	30%
Valley elderberry longhorn beetle total	1,619	308	1,311	19%	3,665	2,424	1,241	66%	4,303	30	4,273	1%	3,887	2,588	1,299	67%	5,496	1,906	3,590	35%
All vernal pool crustaceans																				
<i>High quality habitat</i>	3,355	1,425	1,930	42%	1,738	1,716	22	99%	0	0	0	0%	1,082	1,082	0	100%	0	0	0	0%
<i>Low quality habitat</i>	1,786	1	1,785	0%	0	0	0	0%	0	0	0	0%	686	683	3	100%	0	0	0	0%
All vernal pool crustaceans total	5,141	1,426	3,715	28%	1,738	1,716	22	99%	0	0	0	0%	1,768	1,765	3	100%	0	0	0	0%
Plants																				
Alkali milk-vetch																				
<i>Vernal pool complex</i>	3,355	1,425	1,930	42%	1,738	1,716	22	99%	0	0	0	0%	1,082	1,082	0	100%	0	0	0	0%
<i>Degraded vernal pool complex</i>	1,786	0	1,786	0%	0	0	0	0%	0	0	0	0%	686	683	3	100%	0	0	0	0%
Alkali milk-vetch total	5,141	1,425	3,716	28%	1,738	1,716	22	99%	0	0	0	0%	1,768	1,765	3	0%	0	0	0	0%
Boggs lake hedge-hyssop																				
<i>Vernal pool complex</i>	3,355	1,425	1,930	42%	1,738	1,716	22	99%	0	0	0	0%	1,082	1,082	0	100%	0	0	0	0%
<i>Degraded vernal pool complex</i>	1,786	1	1,785	0%	0	0	0	0%	0	0	0	0%	686	683	3	100%	0	0	0	0%

Covered species	Conservation Zone 1				Conservation Zone 2				Conservation Zone 3				Conservation Zone 4				Conservation Zone 5			
	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected
Boggs lake hedge-hyssop total	5,141	1,426	3,715	28%	1,738	1,716	22	99%	0	0	0	0%	1,768	1765	3	100%	0	0	0	0%
Brittlescale total	166	60	106	36%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
Caper-fruited tropidocarpum total	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
Carquinez goldenbush total	166	60	106	36%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
Delta button celery total	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
Delta mudwort total	214	21	193	10%	472	282	190	60%	474	6	468	1%	362.2	207	155	57%	1,300	434	866	33%
Delta tule pea total	46	14	32	31%	80	71	9	89%	37	0	37	0%	84	67	17	79%	159	69	90	43%
Dwarf downingia																				
<i>Vernal pool complex</i>	3,355	1,425	1,930	42%	1,738	1,716	22	99%	0	0	0	0%	1,082	1082	0	100%	0	0	0	0%
<i>Degraded vernal pool complex</i>	1,786	1	1,785	0%	0	0	0	0%	0	0	0	0%	686	683	3	100%	0	0	0	0%
Dwarf downingia total	5,141	1,426	3,715	28%	1,738	1,716	22	99%	0	0	0	0%	1,768	1765	3	100%	0	0	0	0%
Heartscale total	2,404	880	1,524	37%	1,392	1,327	65	95%	455	0	455	0%	0	0	0	0%	0	0	0	0%
Heckard's pepper-grass																				
<i>Vernal pool complex</i>	3,355	1,425	1,930	42%	1,738	1,716	22	99%	0	0	0	0%	1,082	1082	0	100%	0	0	0	0%
<i>Degraded vernal pool complex</i>	1,786	1	1,785	0%	0	0	0	0%	0	0	0	0%	686	683	3	100%	0	0	0	0%
Heckard's pepper-grass total	5,141	1,426	3,715	28%	1,738	1,716	22	99%	0	0	0	0%	1,768	1765	3	100%	0	0	0	0%
Legenere																				
<i>Vernal pool complex</i>	3,355	1,425	1,930	42%	1,738	1,716	22	99%	0	0	0	0%	1,082	1082	0	100%	0	0	0	0%
<i>Degraded vernal pool complex</i>	1,786	1	1,785	0%	0	0	0	0%	0	0	0	0%	686	683	3	100%	0	0	0	0%
Legenere total	5,141	1,426	3,715	28%	1,738	1,716	22	99%	0	0	0	0%	1,768	1765	3	100%	0	0	0	0%
Mason's lilaeopsis total	214	21	193	10%	472	282	190	60%	474	6	468	1%	362.2	207	155	57%	1,300	434	866	33%
San Joaquin spearscale																				
<i>Vernal pool complex</i>	3,355	1,425	1,930	42%	1,738	1,716	22	99%	0	0	0	0%	1,082	1082	0	100%	0	0	0	0%
<i>Degraded vernal pool complex</i>	1,786	1	1,785	0%	0	0	0	0%	0	0	0	0%	686	683	3	100%	0	0	0	0%
San Joaquin spearscale total	5,141	1,426	3,715	28%	1,738	1,716	22	99%	0	0	0	0%	1,768	1765	3	100%	0	0	0	0%
Side-flowering skullcap total	139	19	120	14%	200	122	78	61%	253	5	248	2%	183.1	127	56	69%	743	323	420	43%
Slough thistle total	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
Soft bird's-beak total	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	37	37	0	100%
Suisun marsh aster total	46	14	32	31%	80	71	9	89%	37	0	37	0%	84.3	67	17	79%	159	69	90	43%
Suisun thistle total	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%

1
2

1 Table 3.D-2c. Current Extent of Existing and Protected Covered Species' Habitat Types in BDCP Conservation Zones 6–11

Covered species	Conservation Zone 6				Conservation Zone 7				Conservation Zone 8				Conservation Zone 9				Conservation Zone 10				Conservation Zone 11			
	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected
Mammals																								
Riparian brush rabbit																								
<i>Riparian habitat</i>	27	0	27	0%	2,626	120	2,506	5%	238	18	220	8%	4	0	4	0%	0	0	0	0%	0	0	0	0%
<i>Grassland habitat</i>	167	0	167	0%	1,812	82	1,730	5%	1,113	232	881	21%	11	0	11	0%	0	0	0	0%	0	0	0	0%
<i>Riparian brush rabbit total</i>	193	0	193	0%	4,438	202	4,236	5%	1,351	250	1,101	19%	15	0	15	0%	0	0	0	0%	0	0	0	0%
<i>Riparian woodrat total</i>	12	0	12	0%	2,090	99	1,991	5%	53	3	50	6%	1	0	1	0%	0	0	0	0%	0	0	0	0%
Salt marsh harvest mouse:																								
<i>Wetland habitat</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	14,265	12,390	1,875	87%
<i>Upland habitat</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	3,733	3,149	584	84%
<i>Salt marsh harvest mouse total</i>	0	0	0	0%	17,998	15,539	2,459	86%																
San Joaquin kit fox																								
<i>Breeding, foraging, and dispersal</i>	0	0	0	0%	356	0	356	0%	3,873	618	3,255	16%	594	19	575	3%	394	0	394	0%	0	0	0	0%
<i>San Joaquin kit fox total</i>	0	0	0	0%	356	0	356	0%	3,873	618	3,255	16%	594	19	575	3%	394	0	394	0%	0	0	0	0%
Suisun shrew																								
<i>Primary habitat</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	20,411	17,114	3,297	84%
<i>Secondary habitat</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	3,805	3,152	653	83%
<i>Suisun shrew total</i>	0	0	0	0%	24,216	20,266	3,950	84%																
Townsend's big-eared bat:																								
<i>Primary foraging habitat</i>	3,156	409	2,747	13%	1,066	50	1,016	5%	234	21	213	9%	137	9	128	7%	255	58	197	23%	92	30	62	32%
<i>Roosting and primary foraging habitat</i>	610	97	513	16%	1,628	70	1,558	4%	36	2	34	6%	58	1	57	2%	29	15	14	51%	846	247	599	29%
<i>Secondary foraging habitat</i>	107,004	11,433	95,571	11%	114,041	2,566	111,475	2%	35,506	3,147	32,359	9%	30,231	1,622	28,609	5%	6,072	438	5,634	7%	107,275	55,360	51,915	52%
<i>Townsend's big-eared bat total</i>	110,771	11,939	98,832	11%	116,735	2,686	114,049	2%	35,776	3,170	32,606	9%	30,426	1,632	28,794	5%	6,357	511	5,846	8%	108,214	55,637	52,577	51%
Birds																								
California black rail																								
<i>Primary habitat</i>	58	2	56	3%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	19,207	15,931	3,276	83%
<i>Secondary habitat</i>	886	93	793	10%	1	0	1	0%	43	0	43	0%	76	0	76	0%	44	35	9	79%	2,323	2,143	180	92%
<i>Californian black rail total</i>	944	95	849	10%	1	0	1	0%	43	0	43	0%	76	0	76	0%	44	35	9	79%	21,530	18,074	3,456	84%
California clapper rail																								
<i>Primary habitat</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	10,858	9,363	1,495	86%
<i>Secondary habitat</i>	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	13,634	9,923	3,711	73%
<i>California clapper rail total</i>	0	0	0	0%	24,492	19,286	5,206	79%																
<i>California least tern total</i>	16,721	3,521	13,200	21%	2356	77	2279	3%	3475	2295	1180	66%	1,443	5	1,438	0%	733	195	538	27%	25,657	2,834	22,823	11%
Greater sandhill crane																								
<i>Primary use area</i>	24	0	24	0%	0	0	0	0%	0	0	0	0%	592	67	525	11%	0	0	0	0%	0	0	0	0%
<i>Secondary use area</i>	52,444	5,319	47,125	10%	0	0	0	0%	0	0	0	0%	4,679	1,178	3,501	25%	0	0	0	0%	0	0	0	0%
<i>Greater sandhill crane total</i>	52,468	5,319	47,149	10%	0	0	0	0%	0	0	0	0%	5,271	1,245	4,026	24%	0	0	0	0%	0	0	0	0%
<i>Least bell's vireo total</i>	3,163	485	2,678	15%	2052	116	1936	6%	214	18	196	8%	175	10	165	6%	211	71	140	34%	971	324	647	33%
Suisun song sparrow																								

Covered species	Conservation Zone 6				Conservation Zone 7				Conservation Zone 8				Conservation Zone 9				Conservation Zone 10				Conservation Zone 11			
	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected
Primary habitat	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	3,232	2,088	1,144	65%
Secondary habitat	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	21,475	17,448	4,027	81%
Suisun song sparrow total	0	0	0	0%	24,707	19,536	5,171	79%																
Swainson's hawk :																								
Foraging habitat	69,891	5,719	64,172	8%	80,139	2,042	78,097	3%	25,617	820	24,797	3%	15,997	1,416	14,581	9%	1,310	40	1,270	3%	11,982	7,178	4,804	60%
Nesting habitat	1,189	212	977	18%	2,110	92	2,018	4%	61	3	58	5%	70	1	69	1%	49	17	32	35%	259	167	92	65%
Swainson's hawk total	71,080	5,931	65,149	8%	82,249	2,134	80,115	3%	25,679	823	24,856	3%	16,068	1,417	14,651	9%	1,358	57	1,301	4%	12,241	7,345	4,896	60%
Tricolored blackbird:																								
Breeding habitat-ag foraging	0	0	0	0%	22,236	526	21,710	2%	7,297	6	7,291	0%	1,005	0	1,005	0%	0	0	0	0%	918	224	694	24%
Breeding habitat-foraging	0	0	0	0%	5,264	195	5,069	4%	4,604	771	3,833	17%	1,586	19	1,567	1%	709	0	709	0%	23,799	10,352	13,447	43%
Breeding habitat-nesting	0	0	0	0%	385	29	356	8%	192	18	174	9%	8	-	8	0%	17	0	17	0%	11,810	9,730	2,080	82%
Nonbreeding hab-foraging ag	56,183	2,692	53,491	5%	53,417	1,158	52,259	2%	13,331	3	13,328	0%	12,916	1,183	11,733	9%	475	0	475	0%	29	-	29	0%
Nonbreeding hab-roosting	3,606	644	2,962	18%	236	1	235	0%	135	4	131	3%	280	32	248	11%	546	186	360	34%	2,657	1,150	1,507	43%
Nonbreeding habitat-foraging	13,638	1,686	11,952	12%	715	-	715	0%	164	0	164	0%	2,247	81	2,166	4%	1,932	70	1,862	4%	3,912	1,443	2,469	37%
Tricolored blackbird total	73,427	5,022	68,405	7%	82,252	1,909	80,343	2%	25,723	802	24,921	3%	18,042	1,315	16,727	7%	3,679	256	3,423	7%	43,125	22,899	20,226	53%
Western burrowing owl:																								
High-value habitat	10,991	1,493	9,498	14%	5,861	194	5,667	3%	4,588	763	3,825	17%	3,784	100	3,684	3%	1,646	68	1,578	4%	9,377	5,425	3,952	58%
Moderate-value habitat	4,941	776	4,165	16%	3,155	1	3,154	0%	1,342	4	1,338	0%	730	3	727	0%	55	2	53	4%	2,443	1,922	521	79%
Low-value habitat	54,361	3,563	50,798	7%	65,987	1,658	64,329	3%	18,766	50	18,716	0%	11,186	1,215	9,971	11%	124	0	124	0%	1,414	771	643	55%
Western burrowing owl total	70,293	5,832	64,461	8%	75,002	1,853	73,149	2%	24,696	817	23,879	3%	15,700	1,318	14,382	8%	1,825	70	1,755	4%	13,235	8,118	5,117	61%
Western yellow-billed cuckoo																								
Breeding habitat	643	139	504	22%	797	79	718	10%	0	0	0	0%	28	1	27	4%	39	13	26	33%	509	58	451	11%
Migratory habitat	1,934	287	1,647	15%	1,143	33	1,110	3%	175	13	162	7%	134	4	130	3%	147	43	104	29%	116	45	71	39%
Western yellow-billed cuckoo total	2,577	426	2,151	17%	1,940	112	1,828	6%	175	13	162	7%	161	5	156	3%	186	56	130	30%	626	103	523	16%
White-tailed kite:																								
Breeding habitat	2,161	341	1,820	16%	2,413	113	2,300	5%	192	12	180	6%	149	5	144	3%	202	70	132	35%	883	260	623	29%
Foraging habitat	71,367	5,810	65,557	8%	81,117	2,061	79,056	3%	25,746	822	24,924	3%	16,472	1,436	15,036	9%	1,784	70	1,714	4%	58,454	35,568	22,886	61%
White-tailed kite total	73,528	6,151	67,377	8%	83,530	2,174	81,356	3%	25,938	834	25,104	3%	16,621	1,441	15,180	9%	1,985	140	1,845	7%	59,337	35,828	23,509	60%
Yellow-breasted chat																								
Primary nesting and migratory habitat	1,186	173	1,013	15%	1,485	91	1,394	6%	152	13	139	9%	113	3	110	3%	148	62	86	42%	14	4	10	29%
Secondary nesting and migratory habitat	1,978	312	1,666	16%	568	24	544	4%	62	5	57	8%	63	7	56	11%	64	9	55	14%	39	16	23	41%
Suisun marsh/upper yolo bypass nest and migratory habitat	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%	918	217	701	24%
Yellow-breasted chat total	3,163	485	2,678	15%	2,052	115	1,937	6%	214	18	196	8%	175	10	165	6%	211	71	140	34%	971	237	734	24%
Reptiles																								
Giant garter snake																								
Aquatic breeding, foraging and movement	5,866	679	5,187	12%	1,381	43	1,338	3%	538	48	490	9%	538	37	501	7%	327	158	169	48%	13	0	13	0%
Upland-high	5,274	1,520	3,754	29%	0	0	0	0%	0	0	0	0%	101	3	98	3%	87	22	65	25%	56	0	56	0%
Upland-moderate	7,863	1,284	6,579	16%	3,625	179	3,446	5%	2,177	370	1,807	17%	1,238	229	1,009	18%	206	51	155	25%	16	0	16	0%
Upland-low	9,005	522	8,483	6%	6,560	208	6,352	3%	1,814	70	1,744	4%	2,524	297	2,227	12%	61	1	60	2%	4	0	4	0%

Covered species	Conservation Zone 6				Conservation Zone 7				Conservation Zone 8				Conservation Zone 9				Conservation Zone 10				Conservation Zone 11			
	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected
Giant garter snake total	28,008	4,005	24,003	14%	11,565	430	11,135	4%	4,529	488	4,041	11%	4,401	566	3,835	13%	681	232	449	34%	89	0	89	0%
<i>Giant garter snake: miles of aquatic breeding, foraging and movement habitat</i>	321	48	273	15%	119	4	115	3%	57	2	55	4%	56	11	45	20%	1	0	1	0%	1	0	1	0%
Western pond turtle:																								
<i>Aquatic habitat</i>	20,043	4,008	16,035	20%	3,223	98	3,125	3%	3,766	2,308	1,458	61%	1,760	41	1,719	2%	878	321	557	37%	20,596	13,250	7,346	64%
<i>Dispersal habitat</i>	82,680	6,751	75,929	8%	111,495	2,445	109,050	2%	28,602	117	28,485	0%	27,788	1,512	26,276	5%	4,372	107	4,265	2%	50,279	33,759	16,520	67%
<i>Upland nesting and overwintering</i>	7,810	1,060	6,750	14%	2,013	142	1,871	7%	3,409	745	2,664	22%	874	79	795	9%	682	51	631	7%	12,212	4,619	7,593	38%
Western pond turtle total	110,533	11,819	98,714	11%	116,731	2,685	114,046	2%	35,776	3,170	32,606	9%	30,422	1,632	28,790	5%	5,932	479	5,453	8%	83,087	51,628	31,459	62%
Amphibians																								
California red-legged frog:																								
<i>Aquatic habitat</i>	0	0	0	0%	13	0	13	0%	86	4	82	5%	19	0	19	0%	0	0	0	0%	31	16	15	51%
<i>Upland cover and dispersal habitat</i>	0	0	0	0%	341	0	341	0%	3,830	619	3,211	16%	424	21	403	5%	351	0	351	0%	4,109	949	3,160	23%
<i>Dispersal habitat</i>	0	0	0	0%	3990	0	3990	0%	10,580	16	10,564	0%	4,921	135	4,786	3%	153	0	153	0%	0	0	0	0%
California red-legged frog total	0	0	0	0%	4344	0	4344	0%	14,495	639	13,856	4%	5,364	156	5,208	3%	505	0	505	0%	4,140	965	3,175	23%
<i>California red-legged frog: miles of aquatic habitat</i>	0	0	0	0%	3	0	3	0%	10	1	9	10%	6	1	5	17%	7	0	7	0%	3	2	1	66%
California tiger salamander :																								
<i>Aquatic breeding habitat</i>	0	0	0	0%	0	0	0	0%	381	27	354	7%	0	0	0	0%	0	0	0	0%	1,025	157	868	15%
<i>Terrestrial cover and aestivation habitat</i>	0	0	0	0%	291	0	291	0%	3,495	619	2,876	18%	0	0	0	0%	0	0	0	0%	16,040	3,329	12,711	21%
California tiger salamander total	0	0	0	0%	291	0	291	0%	3,877	646	3,231	17%	0	0	0	0%	0	0	0	0%	17,065	3,486	13,579	20%
Western spadefoot:																								
<i>Aquatic breeding habitat</i>	0	0	0	0%	0	0	0	0%	381	27	354	7%	2	0	2	0%	0	0	0	0%	1,025	157	868	15%
<i>Terrestrial cover and aestivation habitat</i>	0	0	0	0%	294	0	294	0%	3,592	625	2,967	17%	0	0	0	0%	0	0	0	0%	16,441	3,358	13,083	20%
Western spadefoot total	0	0	0	0%	294	0	294	0%	3,973	652	3,321	16%	2	0	2	0%	0	0	0	0%	17,466	3,515	13,951	20%
<i>Western spadefoot: miles of aquatic breeding habitat</i>	0	0	0	0%	2	0	2	0%	9	1	8	11%	0	0	0	0%	0	0	0	0%	31	8	23	25%
Invertebrates																								
Valley elderberry longhorn beetle:																								
<i>Riparian vegetation</i>	3,702	506	3,196	14%	2671	120	2551	4%	256	23	233	9%	185	10	175	5%	279	73	206	26%	688	116	572	17%
<i>Non-riparian channels and grasslands</i>	3,281	562	2,719	17%	1524	99	1425	6%	1,098	294	804	27%	487	69	418	14%	92	15	77	16%	1,049	536	513	51%
Valley elderberry longhorn beetle total	6,983	1,068	5,915	15%	4195	219	3976	5%	1,354	317	1,037	23%	672	79	593	12%	371	88	283	24%	1,736	652	1,084	38%
All vernal pool crustaceans																								
<i>High quality habitat</i>	0	0	0	0%	0	0	0	0%	381	27	354	7%	120	0	120	0%	0	0	0	0%	1,093	225	868	21%
<i>Low quality habitat</i>	0	0	0	0%	0	0	0	0%	22	0	22	0%	0	0	0	0%	0	0	0	0%	138	61	77	44%
All vernal pool crustaceans total	0	0	0	0%	0	0	0	0%	403	27	376	7%	120	0	120	0%	0	0	0	0%	1,231	286	945	23%
Plants																								
Alkali milk-vetch																								
<i>Vernal pool complex</i>	0	0	0	0%	0	0	0	0%	381	27	354	7%	120	0	120	0%	0	0	0	0%	1,231	286	945	23%
<i>Degraded vernal pool complex</i>	0	0	0	0%	0	0	0	0%	22	0	22	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
Alkali milk-vetch total	0	0	0	0%	0	0	0	0%	403	27	376	7%	0	0	0	0%	0	0	0	0%	1,231	286	945	23%
Boggs lake hedge-hyssop																								
<i>Vernal pool complex</i>	0	0	0	0%	0	0	0	0%	381	27	354	7%	120	0	120	0%	0	0	0	0%	1,231	286	945	23%

Covered species	Conservation Zone 6				Conservation Zone 7				Conservation Zone 8				Conservation Zone 9				Conservation Zone 10				Conservation Zone 11			
	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected	Total Extent Modeled Habitat (acres)	Acres Protected	Acres Unprotected	Percent Protected
<i>Degraded vernal pool complex</i>	0	0	0	0%	0	0	0	0%	22	0	22	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
<i>Boggs lake hedge-hyssop total</i>	0	0	0	0%	0	0	0	0%	403	27	376	7%			0	0%	0	0	0	0%	1,231	286	945	23%
<i>Brittlescale total</i>	0	0	0	0%	0	0	0	0%	89	13	76	15%	18	6	12	33%	24	0	24	0%	175	48	127	27%
<i>Caper-fruited tropidocarpum total</i>	0	0	0	0%	574	0	574	0%	193	6	187	3%	634	15	619	2%	9	0	9	0%	0	0	0	0%
<i>Carquinez goldenbush total</i>	0	0	0	0%	853	320	533	38%																
<i>Delta button celery total</i>	0	0	0	0%	1,920	188	1,732	10%	1,082	81	1,001	7%	327	0	327	0%	1	0	1	0%	0	0	0	0%
<i>Delta mudwort total</i>	1,222	82	1,140	7%	512	23	489	4%	249	37	212	15%	219	4	215	2%	111	21	90	19%	938	384	554	41%
<i>Delta tule pea total</i>	185	24	161	13%	20	0	20	0%	12	0	12	0%	18	0	18	0%	30	9	21	30%	5,146	3,415	1,731	66%
Dwarf downingia																								
<i>Vernal pool complex</i>	0	0	0	0%	0	0	0	0%	381	27	354	7%	120	0	120	0%	0	0	0	0%	1,231	286	945	23%
<i>Degraded vernal pool complex</i>	0	0	0	0%	0	0	0	0%	22	0	22	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
<i>Dwarf downingia total</i>	0	0	0	0%	0	0	0	0%	403	27	376	7%	0	0	0	0%	0	0	0	0%	0	0	0	0%
<i>Heartscale total</i>	0	0	0	0%	1,820	551	1,269	30%																
Heckard's peppergrass																								
<i>Vernal pool complex</i>	0	0	0	0%	0	0	0	0%	381	27	354	7%	120	0	120	0%	0	0	0	0%	1,231	286	945	23%
<i>Degraded vernal pool complex</i>	0	0	0	0%	0	0	0	0%	22	0	22	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
<i>Heckard's peppergrass total</i>	0	0	0	0%	0	0	0	0%	403	27	376	7%	0	0	0	0%	0	0	0	0%	0	0	0	0%
Legenere																								
<i>Vernal pool complex</i>	0	0	0	0%	0	0	0	0%	381	27	354	7%	120	0	120	0%	0	0	0	0%	1,231	286	945	23%
<i>Degraded vernal pool complex</i>	0	0	0	0%	0	0	0	0%	22	0	22	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
<i>Legenere total</i>	0	0	0	0%	0	0	0	0%	403	27	376	7%	0	0	0	0%	0	0	0	0%	0	0	0	0%
<i>Mason's lilaeopsis total</i>	1,222	82	1,140	7%	512	23	489	4%	249	37	212	15%	219	4	215	2%	111	21	90	19%	938	384	554	41%
San Joaquin spearscale																								
<i>Vernal pool complex</i>	0	0	0	0%	0	0	0	0%	381	27	354	7%	120	0	120	0%	0	0	0	0%	1,231	286	945	23%
<i>Degraded vernal pool complex</i>	0	0	0	0%	0	0	0	0%	22	0	22	0%	0	0	0	0%	0	0	0	0%	0	0	0	0%
<i>San Joaquin spearscale total</i>	0	0	0	0%	0	0	0	0%	403	27	376	7%	0	0	0	0%	0	0	0	0%	0	0	0	0%
<i>Side-flowering skullcap total</i>	841	95	746	11%	77	2	75	3%	8	0	8	0%	35	2	33	6%	15	4	11	27%	1	0	1	0%
<i>Slough thistle total</i>	0	0	0	0%	1,834	188	1,646	10%	0	0	0	0%												
<i>Soft bird's-beak total</i>	0	0	0	0%	24	0	24	0%	1,164	832	332	71%												
<i>Suisun marsh aster total</i>	185	24	161	13%	20	0	20	0%	12	0	12	0%	18	0	18	0%	30	9	21	30%	5,146	3,415	1,731	66%
<i>Suisun thistle total</i>	0	0	0	0%	1,129	830	299	74%																