Table 5-8. BRCP Covered Species Modeled Habitat Protection Targets (acres unless otherwise noted in the first column)

	Total		C	AZ Habitat P	rotection Targ	ets			Percent	
	Existing in	Sierra	Cascade	Northern	Southern		Sacramento	Total Protection	Protected	
Covered Species Habitat Type	Plan Area	Foothills	Foothills	Orchards	Orchards	Basin	River	Target	by Target	Rationale for Distribution Among the CAZs
Tricolored Blackbird										Incolored blackbird habitat occurs manify in the Basin, sacramento Kiver, cascade Poofiniis, and sierra Poofiniis CAZs, and to a lesser extent in the Northern Orothern Content CAZs due to the predominance of insuitable occhard-dominated aericulture. While the Basin CAZ supports the largest extent of aericultural forcaring habitat, the rice-
Breeding and Foraging Habitat	268,666	7,761	11,265	2,845	3,430	23,110	0	48,411	18.0%	dominated a griculture provides less value during the spring and summer months when the rice fields are floaded print and the seasonal working, having and summer months when the rice fields are floaded print and the seasonal working, having, and reasonal working and summer months when the rice fields are floaded print and the seasonal working, having and summer months when the rice fields are floaded print and the seasonal working.
Nesting Colonies (number)	7	Not applicable ¹	Not applicable ^l	Not applicable ¹	Not applicable ¹	Not applicable ¹	Not applicable ^l	3	Not applicable	found primarily in the Sacramento River, Cascades, and Sierra CA2s. This may also explain, in part, why there are no reported occurrences of breeding colonies within the Basin C However, the southern end of the Basin CAZ supports primarily wetland habitats, much of which may be available as both breeding and foraging habitat for tricolored blackbirds. tricolored blackbird conservation emphasizes the protection of modeled habitat in the Cascade and Sierra Foothills CAZs and the Basin CAZ, where the majority of currently unpro- habitat that historically supported breeding colonies is located.
Yellow-breasted Chat	1000	4.40.5	1.150	200		0			10 81	An known occupied yenow-oreasted chai naoinal and an polentany occupied chai thanian document and in orean series will focus on the value of the relatively small westward not the value of floor in the vicinity of Chico. Thus, conservation for this species will focus on the Casede and Sirrer CAZs and to a lesser estent (due to the relatively small).
Nesting and Foraging Habitat	6,972	1,185	1,450	200	0	0	0	2,835	40.7%	number of acres) in the Northern Orchard CAZ. A higher level of conservation is proposed for known occupied drainages in the Cascade CAZ.
Nesting and Foraging Habitat (Known Use Area)	302	0	185	0	0	0	0	185	61.2%	
Subtotal	7,275	1,185	1,635	200	0	0	0	3,020	41.5%	
Bank Swallow				r	1		1			Suitable habitat for bank swallows in the Plan Area is defined as banks along unleveed and unchannelized portions of the Sacramento and Feather Rivers and Big Chico and Buttle Creeks and estable levees associated with broad basins. Known occurrences are restricted to size along the Sacramento and Feather Rivers (and property for the Sacramento and Feather Rivers) and basins. Known occurrences are restricted to size along the Sacramento and Feather Rivers (and property for the Sacramento and Feather Rivers).
Nesting Habitat (linear miles of channel bank)	169	0-20	0-20	0-20	0	0	0	20	11.8%	River and Feather River because these rivers and channel banks are used to the feature of the federal agencies. Thus, habitat protection is focused on Big Chico and Butte
Number of Known Nesting Colonies	27	Not applicable ^l	Not applicable ^l	Not applicable ¹	Not applicable ¹	Not applicable ^l	Not applicable ¹	All that are unprotected ²	Not applicable	Creeks in the Sierra Foothills, Cascade Foothills, and Northern Orchards CAZs where these creeks are located.
Western Burrowing Owl					1					Known burrowing owl nesting and winter sites occur primarily in the eastern foothill grassland habitats in the Plan Area and to a lesser extent in agricultural habitats and other managed
Nesting and Foraging Habitat	165,511	13,705	18,903	1,950	1,380	250	200	36,388	22.0%	habitats with the exception of the Llano Seco area. Suitable nesting and foraging habitat is primarily grassland habitats; however, non-rice and non-orchard agricultural lands and edges of managed seasonal wetlands may also provide some value depending on site conditions (e.g., inundation potential, soil conditions, prey availability, etc.). Thus, conservation of burrowing owl habitat emphasizes the Cascade and Sierra CAZs due to the extent of open grassland habitats in those areas, and to a lesser extent all other CAZs that support less optimal and patchier habitat.
Western Yellow-billed Cuckoo										Yellow-billed cuckoo habitat is associated with willow-cottonwood riparian forest. Known occurrences of this species in the Plan Area are associated primarily with the Sacramento
Nesting Habitat	5,620	0	0	635	475	0	675	1,785	31.8%	River. Other potential habitat occurs along the Feather River and several smaller tributaries to the Sacramento River. Due to the rarity of the species, its need for large patches (>25
Nest Sites (number)	0	Not applicable ¹	All that are unprotected ³	Not applicable	acres) of riparian forest, and the limited extent of suitable riparian forests, all potentially occupied habitats are considered important to sustain this species. Thus, conservation is focused on retaining high percentages of suitable riparian habitat in the Northern Orchards, Southern Orchards, and Sacramento River CAZs.					
Greater Sandhill Crane										Greater sandhill crane habitat exists predominantly within two CAZs: Basin CAZ and the Sacramento River CAZ. These contiguous areas include 90.1 percent of the rice lands
Winter Roosting and Foraging Habitat	147 880	0	0	0	0	21.660	0	21.660	14.6%	(108,291.8 acres) and 87.3 percent of the managed and emergent wetland habitats (30,180.4 acres) in the Plan Area. These two CAZs also incorporate over 90 percent of the lands
Traditional Upland Use Area	2.814	0	0	0	0	500	0	500	17.8%	described by Pogsdon and Lindstadt (1991) as crane winter area. Since more than 90 percent of modeled crane habitat in the Sacramento River CAZ is already protected, conservation is the second secon
Subtotal	150,694	0	0	0	0	22,160	0	22,160	14.7%	gous locus on the Basin CAZ. While there are relatively small amounts of natitat in the Northern Orchards, Cascade, Sterra, and Southern Orchard CAZS, conservation targets are not established for these areas.
C-life-mis Black B-if	Not	Not	Not	Not	Not	Not	Not	5 patches of	Not	This species habitat is not modeled, but it is known to occupy small patches of wetland in the foothills of the Plan Area. Because this species potentially occur in any of the CAZs, no
California Black Rail	applicable	applicable1	applicable1	applicable1	applicable1	applicable1	applicable1	occupied habitat	applicable	CAZ specific targets are established.
American Peregrine Falcon										The only available nesting habitat for peregrine falcons within the Plan Area occurs on cliffs along the eastern edge of the Plan Area. There are two known nest sites within the Plan Area
Nesting Habitat	64	10	25	0	0	0	0	35	55.0%	one on the edge of the Plan Area, and two additional sites just east of the Plan Area. Thus, conservation of peregnne faicon nesting habitat is restricted to the Cascade and Sierra CAZs. Description factors are present very round and forces or mainly in wallonds, very any out or sciands that sites a tract actional waterfould water dynamic and shorehold use. Conservation of forces in
Foraging Habitat (seasonal and year-round)	194,860	3,330	11,485	1,437	960	11,945	0	29,157	15.0%	habitats emphasizes habitats that are nearest breeding areas, including the grassiand and vernal pool habitats within the Cascade and Sierra CAZs, and secondarily the agricultural and
Subtotal	194,924	3,340	11,510	1,437	960	11,945	0	29,192	15.0%	wetland habitats within the Basin, Sacramento River, and Northern and Southern Orchard CAZs that are likely used primarily during the non-breeding season.
Nest Sites (number)	3	Not applicable ¹	All that are unprotected ³	Not applicable						
Swainson's Hawk		applicable	uppliedole	upphouore	uppricubit	upplicable	upplicable	anprotected	11	The known and predicted distribution of nesting Swainson's hawks in the Plan Area indicates that most nests will occur in the western and central portions of the Plan Area. Of the 13
Nesting Habitat	17,358	350	620	1,495	590	635	635	4,325	24.9%	reported nest sites, six are along the Sacramento River, two along the Feather River, two along Butte Creek, and the remaining three are along smaller drainages. All are west of State
Nesting and Foraging Habitat	2,565	340	460	0	0	0	0	800	31.2%	Rotte 70/99. This is generally consistent with the predicted nesting distribution of the species in Butte County based on habitat associations and species preferences. Fewer are expected to occur in the open creasiand and versus products and a landcare east of State Boute 70/99. which is consistent with hnown use naterns in accession and the open creasiand and versus east of State Boute 70/99. which is consistent with hnown use naterns in accession and the open creasiand and versus east of State Boute 70/99. which is consistent with hnown use naterns in accession and were shown and the open creasiand and versus east of State Boute 70/99. which is consistent with hnown use naterns in accession and the open creasiand and versus east of State Boute 70/99. which is consistent with hnown use naterns in accession and the open creasiand and versus east of State Boute 70/99. which is consistent with hnown use naterns in accession and the open creasiand and versus east of State Boute 70/99. which is consistent with hnown use naterns in accession and the open creasiand and versus east of State Boute 70/99. which is consistent with hnown use naterns in accession and the open creasiand and versus east of State Boute 70/99. which is consistent with hnown use naterns in accession and the open creasiand and versus east of State Boute 70/99. which is consistent with hnown use easterns in accession and the open creasiand and versus easterns in accession and the open creasiand and versus easterns in accession and the open creasiand and versus easterns in accession and the open creasiand and versus easterns easterns in accession and the open creasiand and versus easterns in accession and the open creasiand and versus easterns in accession and the open creasiand and versus easterns in accession and the open creasiand and versus easterns
Foraging Habitat	130,239	3,475	9,540	3,705	430	730	0	17,880	13.7%	to becaum the open grassmant many enames of grassmant many enames and the species with a species with a species of the species
Subtotal	150,163	4,165	10,620	5,200	1,020	1,365	635	23,005	15.3%	the species throughout the Central Valley. Significantly higher nesting densities occur in areas of irrigated cropland, particularly in association with riparian and other woodla habitats. The preservation targets for Swainson's hawk habitat reflect these differences in predicted use patterns in the Plan Area. Planning units that occur in the western or corportions of the Plan Area (e.g., Northern and Southern Orchards, Basin, and Sacramento River CAZs) have higher nesting habitat preservation targets than do planning units are known and are predicted to support fewer nesting and foraging Swainson's hawks, but planning units with a relatively greater amount of foraging habitat (e.g., Cascade Fo Sierra Foothills) have greater foraging habitat targets since hawks are still expected to forage in these areas under their current and potentially expanded distribution due to BR conservation activities. Thus, while the combined total reflects the overall preservation target, the targets at the planning unit level are designed to ensure preservation occurs predicted relative use patterns. This ensures preservation of the highest value areas while spreading conservation across the Plan Area.

Year-round Foraging Habitat Breeding Season Foraging Habitat

Year-round Foraging Habitat

8,918

1,200

0

0

0

0

0

1,200

Seasonal Foraging Habitat9

Nest Sites (number)

Roost sites (number)

Wetlands, Willow Scrub

Blainville's horned lizard⁴

Western Pond Turtle

Habitat - within 130ft of Intermittent Streams

Breeding and Movement Habitat: Rice5

Breeding and Movement Habitat: Emergent

Breeding and Movement Habitat: Adjoining

Giant Garter Snake

Cropland⁶ Subtotal (acreage)

White-tailed Kite Nesting Habitat

Subtotal

Bald Eagle Nesting Habitat

Subtotal

22.571	1.500	2 225	5.00	415	225	600	5 705	17 60	white-tailed kite nabitat occurs mainly in the Basin, Cascades, and Sierra CAZs and to a lesser extent in the Northern Orchards and Southern Orchard CAZ due to the predominance of unsuitable orchard-dominated agriculture. The rice-dominated agriculture in the Basin CAZ is likely used primarily during the winter non-breeding season: however, the seasonal wetland
32,571	1,590	2,225	560	415	335	600	5,725	17.6%	habitats in the southern portion of the Basin CAZ are available year-round. Seasonal wetland and agricultural habitats also dominate the Sacramento River CAZ. Nesting habitat in the
177,224	3,935	6,335	1,670	3,010	9,930	0	24,880	14.0%	areas, as well as the Southern Orchard CAZ (Feather River) consists primarily of riparian woodland. Grassland foraging habitat and oak woodland nesting habitat form the primary white-
94,526 304,321	6,711	7,435	3,650	480	9,590 19,855	600	25,636 56,241	27.1% 18.5%	tailed kite habitats in the Cascade and Sierra CAZs. Conservation targets for nesting habitat are proportionately higher on the valley floor (Basin, Sacramento River, and Northern and Southern Orchards CAZs) due to limited extent and importance of riparian nesting habitat for this species. Nesting habitat conservation targets are greater in the Sierra and Cascade CAZs due to the extent of available oak woodland nesting habitat in these areas. Breeding season foraging habitat is linked to the distribution of available nesting habitat and thus is key to sustaining nesting populations. Conservation targets are numerically lower but proportionally higher within each CAZ in valley floor CAZs (Basin, Sacramento River, and Northern and Southern Orchard CAZs) to reflect the importance of nesting/foraging habitat associated with riparian systems, and numerically higher but proportionally lower in the foothill CAZs (Sierra and Cascade) to reflect the greater abundance of available habitat in those areas. Year-round foraging habitat suitable of raging habitat is not linked with available nesting habitat. These areas provide foraging value for both nesting and wintering kites. Conservation targets for this type reflect the relative abundance in each CAZ.
									Current bald eagle nesting distribution is restricted to the Feather River and Lake Oroville, as well as along Big Chico Creek in the eastern portion of the Plan Area. Other suitable nesting
23.827	1.700	1.070	200	630	160	675	4.435	18.6%	habitat occurs along the Sacramento River and foothill drainages. It is assumed that most breeding season foraging occurs in relatively close proximity to nesting habitats along the
7,411	0	0	0	0	0	0	0	0.0%	Feather River, Lake Oroville, and the forebay and afterbay. There also may be some use of flooded rice fields that are near nesting habitats. Potential breeding pairs along the Sacramento Briver would be identified use the Sacramento Briver as minory for the same and the same a
182,018	815	3,935	530	915	15,000	0	21,195	11.6%	The would need use us advantation of very as primary longing hadra. During while, seasona we hadra and no looded the hadrats usit support waterious are assumed to increase in us Due to their current use and potential for future use, travers for nesting habitat protection emphasize the Big Chico and Butte Creek, Peather River, and Sacramento River areas within the
213,256	2,515	5,005	730	1,545	15,160	675	25,630	12.0%	Sierra and Cascade Foothills and the Sacramento River CAZs. Nesting habitat targets are also relatively high in the Sierra Foothills CAZ due to proximity to Lake Oroville and the
Not	Not	Not	Not	Not	Not	Not	All that are	Not	afterbay/forebay foreging habitats. Nesting habitat targets are relatively high in the Cascade Foodbills CAZ and seasonal foreging habitat targets are high in the Basin CAZ due to an abundance of potential habitat in these areas. Vear-round foreging habitat is defined as onen water lakes reservoirs and careks that are not subice to change from
applicable	applicable1	applicable1	applicable1	applicable1	applicable1	applicable1	unprotected55	applicable	existing conditions. Thus, it is anticipated that 100 percent of this habitat type will be retained in all CAZs. Seasonal foraging habitat is defined as wetlands, vernal pools, and ricelands
Not applicable	Not applicable ^l	Not applicable ¹	Up to 4	Not applicable	That are available only when these habitats are nunoated. Total acreages reflect the habitat acres mapped, not acres that are actually suitable for bail eagle foraging in any given year. Conserved acres represent the number of acres of annually suitable habitat (inundated and with potential to support wintering waterfowl) assumed to be sufficient to support the existing and potentially expanding bald eagle population.				
							_		Giant garter snake occurrences in the Plan Area are closely associated with the riceland and wetland communities of the Butte Basin. GGS occur in stream and channel habitats, wetlands,
120,225	0	0	1,317	0	21,660	205	23,182	19.3%	and received, and use upland grassiand, agricultural land, and stream and levee banks as aestivation nabitat. Unlant garter shake nabitat exists predominantly within two CAZs: Sacramento Kiver and Basin. These continuous one shoulde 90.1 percent of the rice lands (108,291.8 acress) and 87.3 percent of the meanaged and demersent wetland habitats (30,180.4
32,883	0	0	185	0	400	0	585	1.8%	acres) in the Plan Area. In addition, all but one of the reported GGS sightings in CNDDB occurs within these CAZs. Eric Hansen (pers. comm.) notes that few if any records occur east of Highway 99 in Butte County and that no definitive records occur east of Highway 70. Thus, conservation of GGS habitat emphasizes the Basin, Sacramento River, and Northern Orchard CAZs. While some suitable GGS habitat exists in the Southern Orchard, Cascade, and Sierra CAZs, these areas support a relatively small percentage of available habitat, have no documented occurrences, and are separated from the primary Butte Basin population by Highway 99/70. These areas are therefore excluded from the conservation strategy.
14,008	0	0	796	2,534	250	200	3,780	27.0%	
167,116	0	0	2,298	2,534	22,310	405	27,547	16.5%	
Not applicable	Not applicable ¹	Not applicable ^l	Not applicable ¹	Not applicable ¹	Not applicable ^l	Not applicable ¹	Up to 5 patches of occupied habitat	Not applicable	Blainville's horned lizard habitat has not been modeled in the Plan Area because there is insufficient information regarding the distribution of the physical attributes that support its habitat. Blainville's horned lizard habitat will be protected based on the results of surveys that detect the presence of Blainville's horned lizard or microhabitat conditions, including exposed gravelly substrate, that support horned lizard. At least 400 acres of any combination of existing unprotected grassland, oak woodland and savanna, and riparian habitats will be protected in minimum blocks of 100 acres that support Blainville's horned lizard habitat distributed within the Plan Area. The only occurrence of Blainville's horned lizard within the Plan Area is on North Table Mountain and it will not be affected by Covered Activities.

13.5% streams within the Plan Area. Thus, conservation within the Cascade and Sierra CAZs emphasized perennial streams by recommending a larger proportion of conserved habitat relative

estern Pond Turtle									
Aquatic Habitat: Emergent Wetland	4,440	495	0	100	0	100	0	695	15.7%
Nesting and Movement Habitat	55,215	3,820	4,100	1,295	155	900	0	10,270	18.6%
Aquatic, Nesting and Movement Habitat	25,486	0	0	0	0	0	0	0	0.0%
Subtotal (acreage)	59,656	4,315	4,100	1,395	155	1,000	0	10,965	18.4%
Aquatic Habitat-pond (number of ponds)	204.0	Not applicable ¹	43	21.1%					
Aquatic Habitat-perennial streams (linear miles)	110.9	Not applicable ¹	20	18.0%					
oothill Yellow-legged Frog									
Habitat - within 130ft of Perennial Streams	2,113	245	580	0	0	0	0	825	39.1%
XX 1.1	0.010	1.000	0					1.000	10 5-1

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Subtotal (acreage)	11.031	1.445	580	0	0	0	0	2.025	18.4%	intermittent streams.
Western Spadefoot Toad	,	-,				-	-	_,		Western spadefoot toad is associated with grassland habitats that include aquatic breeding habitat such as vernal pools, ponds, and pools within intermittent streams. Occurrences of this
Breeding Habitat: Non-pond	2,211	225	0	0	0	0	0	225	10.2%	species in the Plan Area are only from the grassland habitats in the Cascade and Sierra CAZs. Because it is impractical to identify each vernal pool as a potential breeding site, vernal
Breeding and Upland Habitat	34.241	4.820	14,960	990	0	0	0	20.770	60.7%	pools were split from other breeding habitats and instead vernal pool grasslands were identified as breeding/upland habitat for this species. The breeding habitat category is mainly intermittent steams and the upland category is mainly associated with the intermittent stream breading habitat category is mainly intermittent streams and the upland category is associated with the intermittent stream breading habitat category is mainly associated with the intermittent stream breading habitat category is mainly intermittent streams and the upland category is mainly associated the category is associated with the intermittent stream breading habitat to the stream breading habitat streams and the streams and
Upland Habitat	71.512	4.830	3,900	950	0	0	0	9,680	13.5%	Intermitten streams and the uphate category is glassiant national associated with the intermitten stream force and proposed on glassiants and real view of the species and proposed conservation is proportionately higher for this habitat category. Conservation is restricted to the Cascade, Sierra, and the versal pool grassiant national of the
Subtotal	107.963	9.875	18,860	1 940	0	0	0	30.675	28.4%	Northern Orchard CAZ, with emphasis on the Cascade CAZ where the highest value vernal pool grasslands and the majority of the known occurrences of this species exist in the Plan
Breeding Habitat-pond (number of ponds)	195	Not applicable ¹	Not applicable ¹	Not	Not applicable ¹	Not applicable ¹	Not applicable ¹	31	15.9%	Area.
Breeding Habitat-perennial/intermittent streams (linear miles)	380	Not applicable ¹	32	8.4%						
Central Valley Steelhead										Central Valley steelhead inhabit creeks within Butte County for four primary uses: adult migration, juvenile migration, spawning, and juvenile rearing (NMFS 2005). Because these uses
Adult migration; juvenile rearing and migration habitat (linear miles) and adult spawning and migration; juvenile rearing and migration habitat	190.4	Not applicable ¹	20	10.5%	overlap to some extent in many creeks, three categories of habitat types have been established (see Figure A.17 in Appendix A.17). Based on the habitat use by steelhead in each creek and the proportion of each habitat type in Butte County creeks that is currently not protected, these habitat acquisition targets have been established. Additional weighting was given to spawning habitat in the development of these acquisition targets.					
Non-natal juvenile rearing habitat (linear miles)	6.7	0	0	0	0	0	0	0	0.0%	
Subtotal	197.1	Not applicable ¹	20	10.1%						
Central Valley Spring-run Chinook Salmon										Central Valley spring-run Chinook salmon inhabit creeks within Butte County for five primary uses: adult migration, juvenile migration, adult holding, spawning, and juvenile rearing
Adult migration; juvenile rearing and migration habitat (linear miles) and adult spawning and migration; juvenile rearing and migration habita	117.9	Not applicable ¹	20	17.0%	(NMFS 2005). Because these uses overlap to some extent in many creeks, three categories of habitat types have been established (see Figure A.18 in Appendix A.18). Based on the habitat use by spring-run in each creek and the proportion of each habitat type in Butte County creeks that is currently not protected, these habitat acquisition targets have been established. Additional weighting was given to spawning habitat in the development of these acquisition targets.					
Non-natal juvenile rearing habitat (linear miles)	33.0	0	0	0	0	0	0	0	0.0%	
Subtotal	151.0	Not applicable ¹	20	13.2%						
Central Valley Fall/Late Fall-run Chinook Salmon								•		Central Valley fall-/late fall-run Chinook salmon inhabit creeks within Butte County for four primary uses: adult migration, juvenile migration, spawning, and juvenile rearing (NMFS
Adult migration; juvenile rearing and migration habitat (linear miles) and adult spawning and migration; juvenile rearing and migration habitat	146.4	Not applicable ^l	Not applicable ¹	Not applicable ¹	Not applicable ¹	Not applicable ¹	Not applicable ^l	20	13.7%	1999). Because these uses overlap to some extent in many creeks, three categories of habitat types have been established (see Figure A.18 in Appendix A.18). Based on the habitat use b spring-run in each creek and the proportion of each habitat type in Butte County creeks that is currently not protected, these habitat acquisition targets have been established. Additional weighting was given to spawning habitat in the development of these acquisition targets.
Non-natal juvenile rearing habitat (linear miles)	5.4	0	0	0	0	0	0	0	0.0%	
Subtotal	151.8	Not applicable ¹	20	13.2%						
Green Sturgeon										Not applicable
Adult migration and spawning; juvenile migration and rearing habitat (linear miles)	9.1	Not applicable ⁷	Not applicable ⁷	Not applicable						
Adult migration; juvenile migration and rearing habitat (linear miles)	20.1	Not applicable ⁷	Not applicable ⁷	Not applicable						
Adult migration and potential spawning habitat (linear miles)	22.0	Not applicable ⁷	Not applicable ⁷	Not applicable						
Subtotal	51.2	Not applicable ⁷	Not applicable 7	Not applicable						
Valley Elderberry Longhorn Beetle			-			-				Elderberry is common in Butte County, particularly along the Sacramento River and tributaries, as well as other natural and man-made drainages. The USFWS has stated an intent to
Habitat	42,951	2,600	3,332	1,270	445	635	0	8,282	19.3%	densi the species, indicating stabilization of populations. Occurrence is associated with presence of elderberry shrubs, the majority of which are found along ripartan corritors distributed throughout the Plan Area. Accordingly, conservation of valley elderberry habitat is distributed proportionately among the CAZs.
Vernal Pool Tadpole Shrimp										The conservation approach for vernal pool tadpole shrimp is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the second
Habitat	34,241	4,820	14,960	990	0	630	0	21,400	62.5%	CAZs in which these land cover types are supported and the Vernal Pool Species Recovery Plan Recovery Core Areas for this species are located.
Conservancy Fairy Shrimp ⁴			•					•		The conservation approach for Conservancy fairy shrimp is to protect its habitat in the Cascade Foothill CAZ in which the Vernal Pool Species Recovery Plan Recovery Core Area for the
Habitat	Not applicable	0	150 ⁸	0	0	0	0	150 ⁸	Not applicable	species is located. This is the only CAZ known to support occupied Conservancy fairy shrimp habitat, which occur near and immediately on its western edge. Protection of the three currently unprotected occurrences of Conservancy fairy shrimp and five new occurrences that may be located in the Plan Area over the term of the BRCP will achieve the Recovery Plan for Vernal Pool Ecosystems of California and Southern Oregon. Protection of new occurrences would be accomplished by focusing any of the applicable natural community protection of the three states are in the term of the BRCP will achieve the recovery Plan for Vernal Pool Ecosystems of California and Southern Oregon. Protection of new occurrences would be accomplished by focusing any of the applicable natural community protection of the three states are in the term of the BRCP will achieve th

					1		1			requirements at the time a new occurrence is located to protecting the occurrence. While there is no habitat model for conservancy fairy shrimp, the species protection target will
		Not		Not	Not	Not	Not		Not	achieved by protecting known occurrences of conservancy fairy shrimp and protecting pools of sufficient size to support the shrimp and/or previously unknown occurrences.
Occurrences	3	applicable	3 or more ¹⁰	applicable	applicable	applicable ⁹	applicable	Up to 8 ⁹	applicable	
				-FF						
Vernal Pool Fairy Shrimp								1		The conservation approach for vernal pool fairy shrimp is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the
										CAZs in which these land cover types are supported and the Vernal Pool Species Recovery Plan Recovery Core Areas for this species are located.
Habitat	34,241	4,820	14,960	990	0	630	0	21,400	62.5%	
Fornic' Milkyotob								l		The conservation approach for Ferris' milkyetch is to protect its babitat distributed among the CAZs that support the majority of its habitat with a focus on protecting babitat in the
Helitet	2 209	0	150	400	0	100	0	650	20.4%	Northern Orchards CAZ. Up to 5 upprotected occurrences of the species within the Plan Area will also be protected, should they be found.
Haoitat	2,208	0	150	400	0	100	0	630	29.4%	
No. of Occurrences	8	Not	Not	Not	Not	Not	Not	Up to 5	Not	
		applicable	applicable	applicable	applicable	applicable	applicable	*	applicable	
Lesser Saltscale ⁴			1							The two known occurrences of lesser saltscale in the Plan Area are currently under protected status. Consequently, the conservation approach for lesser saltscale is to protect up to five summitty under protected status.
No. of Occurrences	2	Not	Not	Not	Not	Not	Not	Un to 5	Not	currency unknown unprotected occurrences within the rian Area that may be located over the term of the BKCF.
No. of Occurrences	2	applicable11	applicable11	applicable11	applicable11	applicable11	applicable11	00103	applicable	
Hoover's Spurge								1		The conservation approach for Hoover's spurge is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in
Habitat	34,241	4,820	14,960	990	0	630	0	21,400	62.5%	which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. Protection of habitat in the Northern Orchards CAZ will include
		Not	Not	Not	Not	Not	Not		Not	protecting the one remaining unprotected known occurrence of the species in the Plan Area.
No. of Occurrences	4	applicable ¹¹	applicable ¹¹	applicable ¹¹	applicable ¹¹	applicable ¹¹	applicable ¹¹	Up to 5	applicable	
		applicable	applicable	applicable	applicable	upplicable	applicable		upplicable	The assessmentice energed for Alext's deserf web is to matter avoid and any avoid a sol and alexed usual and land covertures that support in helics is a sole of the CAZ
Ahart's Dwart Rush	24.241	1.020	14.070	000	0	(20)	0	21,400	(2.5%)	In econservation approach for Aniar's own rush is to protect grassiants wate comprex, ventian poor, and are developed and is conservation approach for Aniar's own rush is to protect grassiants wate comprex, ventian poor, and are developed and is considered weight of the server poor for an experimental and is considered weight of the server poor for an experimental server weight include
Habitat	34,241	4,820	14,960	990	0	630	0	21,400	62.5%	protecting the 15 currently known unprotected occurrences of the species in the Plan Area.
No. of Occurrences	17	15 or more ¹²	Not	Not	Not	Not	Not	Up to 20	Not	
	17	15 of more	applicable11	applicable11	applicable11	applicable11	applicable11	00 10 20	applicable	
Red Bluff Dwarf Rush										The conservation approach for Red Bluff dwarf rush is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the
Habitat	34,241	4,820	14,960	990	0	630	0	21,400	62.5%	CAZs in which these land cover types are supported. Protection of habitat in the Sierra Foothills CAZ will include protecting 10 of the currently known unprotected occurrences of the protection of the Data Atom.
No. of Occurrences	32	10	0	0	0	0	0	10	31.3%	species in the rian Area.
Butte County Meadowfoam				S	ee Tables 5-19	and 5-29				The rationale is provided in the Butte County meadowfoam biological objectives in Section 5.3.4.
Veiny Monardella ⁴										A habitat model has not been developed for veiny monardella and, consequently, specified habitat protection targets are not established for this species. The protection of grassland
		Not		Not	Not	Not	Not		Net	natural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently
No. of Occurrences	8	Not	8 or more ¹⁴	Not	Not	Not	Not	Up to 16 ¹⁴	Not	natural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area.
No. of Occurrences	8	Not applicable ¹³	8 or more ¹⁴	Not applicable ¹³	Not applicable ¹³	Not applicable ¹³	Not applicable ¹³	Up to 16 ¹⁴	Not applicable	natural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area.
No. of Occurrences Hairy Orcutt Grass	8	Not applicable ¹³	8 or more ¹⁴	Not applicable ¹³	Not applicable ¹³	Not applicable ¹³	Not applicable ¹³	Up to 16 ¹⁴	Not applicable	natural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area. The conservation approach for hairy Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs is used in the plan Area on under structure that are not one protect grassland swale complex.
No. of Occurrences Hairy Orcutt Grass Habitat	8	Not applicable ¹³ 4,820	8 or more ¹⁴ 14,960	Not applicable ¹³ 990	Not applicable ¹³	Not applicable ¹³ 630	Not applicable ¹³	Up to 16 ¹⁴ 21,400	Not applicable 62.5%	natural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area. The conservation approach for hairy Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status.
No. of Occurrences Hairy Orcutt Grass Habitat	8	Not applicable ¹³ 4,820 Not	8 or more ¹⁴ 14,960 Not	Not applicable ¹³ 990 Not	Not applicable ¹³ 0 Not	Not applicable ¹³ 630 Not	Not applicable ¹³ 0 Not	Up to 16 ¹⁴ 21,400	Not applicable 62.5% Not	natural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area. The conservation approach for hairy Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status.
No. of Occurrences Hairy Orcutt Grass Habitat No. of Occurrences	8 34,241 1	Not applicable ¹³ 4,820 Not applicable ¹¹	8 or more ¹⁴ 14,960 Not applicable ¹¹	Not applicable ¹³ 990 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹	Not applicable ¹³ 630 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹	Up to 16 ¹⁴ 21,400 Up to 8	Not applicable 62.5% Not applicable	natural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area. The conservation approach for hairy Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status.
No. of Occurrences Hairy Orcutt Grass Habitat No. of Occurrences Slender Orcutt Grass	8 34,241 1	Not applicable ¹³ 4,820 Not applicable ¹¹	8 or more ¹⁴ 14,960 Not applicable ¹¹	Not applicable ¹³ 990 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹	Not applicable ¹³ 630 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹	Up to 16 ¹⁴ 21,400 Up to 8	Not applicable 62.5% Not applicable	natural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area. The conservation approach for hairy Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status. The conservation approach for slender Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status.
No. of Occurrences Hairy Orcutt Grass Habitat No. of Occurrences Slender Orcutt Grass Habitat	8 34,241 1 34,241	Not applicable ¹³ 4,820 Not applicable ¹¹ 4,820	8 or more ¹⁴ 14,960 Not applicable ¹¹ 14,960	Not applicable ¹³ 990 Not applicable ¹¹ 990	Not applicable ¹³ 0 Not applicable ¹¹	Not applicable ¹³ 630 Not applicable ¹¹ 630	Not applicable ¹³ 0 Not applicable ¹¹	Up to 16 ¹⁴ 21,400 Up to 8 21,400	Not applicable 62.5% Not applicable 62.5%	natural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area. The conservation approach for hairy Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status. The conservation approach for slender Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status.
No. of Occurrences Hairy Orcutt Grass Habitat No. of Occurrences Slender Orcutt Grass Habitat	8 34,241 1 34,241	Not applicable ¹³ 4,820 Not applicable ¹¹ 4,820	8 or more ¹⁴ 14,960 Not applicable ¹¹ 14,960 Not	Not applicable ¹³ 990 Not applicable ¹¹ 990	Not applicable ¹³ 0 Not applicable ¹¹ 0	Not applicable ¹³ 630 Not applicable ¹¹ 630	Not applicable ¹³ 0 Not applicable ¹¹	Up to 16 ¹⁴ 21,400 Up to 8 21,400	Not applicable 62.5% Not applicable 62.5%	natural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area. The conservation approach for hairy Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status. The conservation approach for slender Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status.
No. of Occurrences Hairy Orcutt Grass Habitat No. of Occurrences Slender Orcutt Grass Habitat No. of Occurrences	8 34,241 1 34,241 2	Not applicable ¹³ 4,820 Not applicable ¹¹ 4,820 2 or more ¹⁵	8 or more ¹⁴ 14,960 Not applicable ¹¹ 14,960 Not annlicable ¹¹	Not applicable ¹³ 990 Not applicable ¹¹ 990 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹	Not applicable ¹³ 630 Not applicable ¹¹ 630 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹	Up to 16 ¹⁴ 21,400 Up to 8 21,400 Up to 10	Not applicable 62.5% Not applicable 62.5% Not applicable	natural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area. The conservation approach for hairy Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status. The conservation approach for slender Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status. The conservation approach for slender Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. Protection of habitat in the Sierra Foothills CAZ will include protecting the only known occurrences of the species in the Plan Area.
No. of Occurrences Hairy Orcutt Grass Habitat No. of Occurrences Slender Orcutt Grass Habitat No. of Occurrences Labitat No. of Occurrences	8 34,241 1 34,241 2	Not applicable ¹³ 4,820 Not applicable ¹¹ 4,820 2 or more ¹⁵	8 or more ¹⁴ 14,960 Not applicable ¹¹ 14,960 Not applicable ¹¹	Not applicable ¹³ 990 Not applicable ¹¹ 990 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹	Not applicable ¹³ 630 Not applicable ¹¹ 630 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹	Up to 16 ¹⁴ 21,400 Up to 8 21,400 Up to 10	Not applicable 62.5% Not applicable 62.5% Not applicable	natural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area. The conservation approach for hairy Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status. The conservation approach for slender Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. Protection of habitat in the Sierra Foothills CAZ will include protecting the only known occurrences of the species in the Plan Area. The conservation approach for Abart's narrowship is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. Protection of habitat in the Sierra Foothills CAZ will include protecting the only known occurrences of the species in the Plan Area.
No. of Occurrences Hairy Orcutt Grass Habitat No. of Occurrences Slender Orcutt Grass Habitat No. of Occurrences Ahart's Paronychia	8 34,241 1 34,241 2	Not applicable ¹³ 4,820 Not applicable ¹¹ 4,820 2 or more ¹⁵	8 or more ¹⁴ 14,960 Not applicable ¹¹ 14,960 Not applicable ¹¹	Not applicable ¹³ 990 Not applicable ¹¹ 990 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹	Not applicable ¹³ 630 Not applicable ¹¹ 630 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹	Up to 16 ¹⁴ 21,400 Up to 8 21,400 Up to 10	Not applicable 62.5% Not applicable 62.5% Not applicable	natural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area. The conservation approach for hairy Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status. The conservation approach for slender Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. Protection of habitat in the Sierra Foothills CAZ will include protecting the only known occurrences of the species in the Plan Area. The conservation approach for Ahart's paronychia is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. Protection of habitat in the Sierra Foothills CAZ will include protecting the only known occurrences of the species in the Plan Area. The conservation approach for Ahart's paronychia is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the C
No. of Occurrences Hairy Orcutt Grass Habitat No. of Occurrences Slender Orcutt Grass Habitat No. of Occurrences Ahart's Paronychia Habitat	8 34,241 1 34,241 2 34,241	Not applicable ¹³ 4,820 Not applicable ¹¹ 4,820 2 or more ¹⁵ 4,820	8 or more ¹⁴ 14,960 Not applicable ¹¹ 14,960 Not applicable ¹¹ 14,960	Not applicable ¹³ 990 Not applicable ¹¹ 990 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹	Not applicable ¹³ 630 Not applicable ¹¹ 630 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹	Up to 16 ¹⁴ 21,400 Up to 8 21,400 Up to 10 21,400	Not applicable 62.5% Not applicable 62.5% Not applicable 62.5%	natural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area. The conservation approach for hairy Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status. The conservation approach for slender Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. Protection of habitat in the Sierra Foothills CAZ will include protecting the only known occurrences of the species in the Plan Area. The conservation approach for Ahart's paronychia is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported. Protecting rassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported. Protecting rassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported. Protecting rassland swale com
No. of Occurrences Hairy Orcutt Grass Habitat No. of Occurrences Slender Orcutt Grass Habitat No. of Occurrences Ahart's Paronychia Habitat No. of Occurrences	8 34,241 1 34,241 2 34,241 5	Not applicable ¹³ 4,820 Not applicable ¹¹ 4,820 2 or more ¹⁵ 4,820 3 or more ¹⁶	8 or more ¹⁴ 14,960 Not applicable ¹¹ 14,960 Not applicable ¹¹ 14,960 1 or more ¹⁶	Not applicable ¹³ 990 Not applicable ¹¹ 990 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹ 0 Not	Not applicable ¹³ 630 Not applicable ¹¹ 630 Not applicable ¹¹ 630	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹ 0 Not	Up to 16 ¹⁴ 21,400 Up to 8 21,400 Up to 10 21,400 Up to 9	Not applicable 62.5% Not applicable 62.5% Not 62.5% Not	natural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area. The conservation approach for hairy Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status. The conservation approach for slender Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. Protection of habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. Protection of habitat in the Sierra Foothills CAZ will include protecting the only known occurrences of the species in the Plan Area. The conservation approach for Ahart's paronychia is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported. Protection of habitat in the Sierra Foothills CAZ will include protecting at least three currently unprotected occurrence of the species.
No. of Occurrences Hairy Orcutt Grass Habitat No. of Occurrences Slender Orcutt Grass Habitat No. of Occurrences Ahart's Paronychia Habitat No. of Occurrences	8 34,241 1 34,241 2 34,241 5	Not applicable ¹³ 4,820 Not applicable ¹¹ 4,820 2 or more ¹⁵ 4,820 3 or more ¹⁶	8 or more ¹⁴ 14,960 Not applicable ¹¹ 14,960 Not applicable ¹¹ 14,960 1 or more ¹⁶	Not applicable ¹³ 990 Not applicable ¹¹ 990 Not applicable ¹¹ 990 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹ 0 Not applicable ¹¹	Not applicable ¹³ 630 Not applicable ¹¹ 630 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹	Up to 16 ¹⁴ 21,400 Up to 8 21,400 Up to 10 21,400 Up to 9	Not applicable 62.5% Not applicable 62.5% Not applicable 62.5% Not applicable	natural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area. The conservation approach for hairy Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status. The conservation approach for slender Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. Protection of habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. Protection of habitat in the Sierra Foothills CAZ will include protecting the only known occurrences of the species in the Plan Area. The conservation approach for Ahart's paronychia is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported. Protection of habitat in the Sierra Foothills CAZ will include protecting at least three currently unprotected occurrence of the species.
No. of Occurrences Hairy Orcutt Grass Habitat No. of Occurrences Slender Orcutt Grass Habitat No. of Occurrences Ahart's Paronychia Habitat No. of Occurrences California Beaked-rush ¹²	8 34,241 1 34,241 2 34,241 5	Not applicable ¹³ 4,820 Not applicable ¹¹ 4,820 2 or more ¹⁵ 4,820 3 or more ¹⁶	8 or more ¹⁴ 14,960 Not applicable ¹¹ 14,960 Not applicable ¹¹ 14,960 1 or more ¹⁶	Not applicable ¹³ 990 Not applicable ¹¹ 990 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹	Not applicable ¹³ 630 Not applicable ¹¹ 630 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹ 0 Not applicable ¹¹	Up to 16 ¹⁴ 21,400 Up to 8 21,400 Up to 10 21,400 Up to 9	Not applicable 62.5% Not applicable 62.5% Not applicable 62.5%	natural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area. The conservation approach for hairy Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status. The conservation approach for slender Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. Protection of habitat in the Sierra Foothills CAZ will include protecting the only known occurrences of the species in the Plan Area. The conservation approach for Ahart's paronychia is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported. Protection of habitat in the Sierra Foothills CAZ will include protecting at least three currently unprotected occurrence of the species. The conservation approach for Ahart's paronychia is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported. Protection of habit
No. of Occurrences Hairy Orcutt Grass Habitat No. of Occurrences Slender Orcutt Grass Habitat No. of Occurrences Ahart's Paronychia Habitat No. of Occurrences California Beaked-rush ¹²	8 34,241 1 34,241 2 34,241 5	Not applicable ¹³ 4,820 Not applicable ¹¹ 4,820 2 or more ¹⁵ 4,820 3 or more ¹⁶	8 or more ¹⁴ 14,960 Not applicable ¹¹ 14,960 Not applicable ¹¹ 14,960 1 or more ¹⁶	Not applicable ¹³ 990 Not applicable ¹¹ 990 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹	Not applicable ¹³ 630 Not applicable ¹¹ 630 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹	Up to 16 ¹⁴ 21,400 Up to 8 21,400 Up to 10 21,400 Up to 9	Not applicable 62.5% Not applicable 62.5% Not applicable	natural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area. The conservation approach for hairy Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status. The conservation approach for slender Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. Protection of habitat in the Sierra Foothills CAZ will include protecting the only known occurrences of the species in the Plan Area. The conservation approach for Ahart's paronychia is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported. Protection of habitat in the Sierra Foothills CAZ will include protecting at least three currently unprotected occurrence of the species. A habitat model has not been developed for California beaked-rush and, consequently, specified habitat protection targets are not established for this species. The protection of natural communities unporting seeps and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect cocupied correction of the supporting seeps and other physical features
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No. of Occurrences Hairy Orcutt Grass Habitat No. of Occurrences Slender Orcutt Grass Habitat No. of Occurrences Ahart's Paronychia Habitat No. of Occurrences California Beaked-rush ¹² No. of Occurrences Butte County Checkerbloom Habitat	8 34,241 1 34,241 2 34,241 5 7 7 36,823	Not applicable ¹³ 4,820 Not applicable ¹¹ 4,820 2 or more ¹⁵ 4,820 3 or more ¹⁶ 4 or more ¹⁷ 0	8 or more ¹⁴ 14,960 Not applicable ¹¹ 14,960 Not applicable ¹¹ 14,960 1 or more ¹⁶ 3 or more ¹⁷ 3,000	Not applicable ¹³ 990 Not applicable ¹¹ 990 Not applicable ¹¹ 990 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹ 0 Not applicable ¹¹	Not applicable ¹³ 630 Not applicable ¹¹ 630 Not applicable ¹¹ Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹ 0 Not applicable ¹¹	Up to 16 ¹⁴ 21,400 Up to 8 21,400 Up to 10 21,400 Up to 9 Up to 12 3,000	Not applicable 62.5% Not applicable 62.5% Not applicable Not applicable 8.1%	atural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area. The conservation approach for hairy Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status. The conservation approach for slender Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. Protection of habitat in the Sierra Foothills CAZ will include protecting the only known occurrences of the species in the Plan Area. The conservation approach for Ahart's paronychia is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZ will include protecting the only known occurrences of the species in the Plan Area. The conservation approach for Ahart's paronychia is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZ will include protecting at least three currently unprotected occurrence of the species. The which these land cover types are supported for California beaked-rush and, consequently, specified habitat protection targets are not established for this species. The protection of natural communities supporting seeps and other physical features that suppor
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No. of Occurrences Hairy Orcutt Grass Habitat No. of Occurrences Slender Orcutt Grass Habitat No. of Occurrences Ahart's Paronychia Habitat No. of Occurrences California Beaked-rush ¹² No. of Occurrences Butte County Checkerbloom Habitat No. of Occurrences	8 34,241 1 34,241 2 34,241 5 7 7 36,823 127	Not applicable ¹³ 4,820 Not applicable ¹¹ 4,820 2 or more ¹⁵ 4,820 3 or more ¹⁶ 4 or more ¹⁷ 0 0 0	8 or more ¹⁴ 14,960 Not applicable ¹¹ 14,960 Not applicable ¹¹ 14,960 1 or more ¹⁶ 3 or more ¹⁷ 3,000 65-85 ¹⁸	Not applicable ¹³ 990 Not applicable ¹¹ 990 Not applicable ¹¹ 990 Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹ 0 Not applicable ¹¹	Not applicable ¹³ 630 Not applicable ¹¹ 630 Not applicable ¹¹ Not applicable ¹¹	Not applicable ¹³ 0 Not applicable ¹¹ 0 Not applicable ¹¹ 0 Not applicable ¹¹	Up to 16 ¹⁴ 21,400 Up to 8 21,400 Up to 10 21,400 Up to 9 Up to 12 3,000 0	Not applicable 62.5% Not applicable 62.5% Not applicable 62.5% Not applicable 8.1% at least 51.2%	atural communities and other physical features that support its habitat with application of the conservation land assembly principles, however, is expected to protect any currently unknown occupied and patches of potentially suitable habitat for this species. Protection of natural communities in the Cascade Foothills CAZ will include protecting the only known population comprised of eight occurrence in the Plan Area. The conservation approach for hairy Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. All known occurrences in the Plan Area are under protected status. The conservation approach for slender Orcutt grass is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs in which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. Protection of habitat in the Sierra Foothills CAZ will include protecting the only known occurrences of the species in the Plan Area. The conservation approach for Ahart's paronychia is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZ will include protecting the only known occurrence of the species in the Plan Area. The conservation approach for Ahart's paronychia is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZ in which these land cover types are supported. Protection of habitat in the Sierra Foothills CAZ will include protecting at least three currently unprotected occurrence of the species. A habitat model has not been developed for California beaked-rush and, consequently, specified habitat protection land assembly principles, however, is expected to pr

Butte Regional Conservation Plan Formal Public Draft

Chapter 5

Habitat	14,998	1,500	2,000	0	0	200	0	3,700	24.7%	support its habitat in each of the CAZs in which the preponderance of its modeled habitat is located. Protection of habitat in the Sierra and Cascade Foothills CAZs will include protecti at least one and two currently unprotected occurrences of the species respectively.
No. of Occurrences	18	1 or more ¹⁹	2 or more ¹⁹	Not applicable ¹¹	Not applicable ¹¹	Not applicable ¹¹	Not applicable ¹¹	Up to 8	Not applicable	ar nase one and two currently improtected occurrences of the species, respectively.
Greene's Tuctoria							The conservation approach for Greene's tuctoria is to protect grassland swale complex, vernal pool, and altered vernal pool land cover types that support its habitat in each of the CAZs is			
Habitat	34,241	4,820	14,960	990	0	630	0	21,400	62.5%	which these land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. Protection of habitat in the Cascades Foothills and Basin CAZs used in the land cover types are supported and its Vernal Pool Species Recovery Plan Recovery Core Areas are located. Protection of habitat in the Cascades Foothills and Basin CAZs
No. of Occurrences	5	Not applicable ¹¹	1 or more ²⁰	Not applicable ¹¹	Not applicable ¹¹	1 or more ²⁰	Not applicable ¹¹	Up to 7	Not applicable	win include protecting the two currently known unprotected occurrences of the species in the rian Area.

¹May be protected in any CAZ.

²All nesting colonies that are discovered over the term of the BRCP, except along the Sacramento River and Feather River, will be protected.

³All nesting sites that are discovered over the term of the BRCP will be protected.

⁴A habitat model has not been developed for this species.

⁵The acreage targets in these CAZs are for planning purposes only. The combined target acreage of giant garter snake rice habitat can be achieved through any combination of acreage between these three CAZs that are consistent with achieving the applicable biological goals and objectives.

⁶The acreage targets in these CAZs are for planning purposes only. The combined target acreage of giant garter snake adjoining cropland habitat can be achieved through any combination of acreage among these CAZs that are consistent with achieving the applicable biological goals and objectives.

⁷This species only occurs in the Sacramento River and/or the Feather River. These rivers are not under the jurisdiction of the Implementing Entity and, therefore, habitat protection targets are not established for these species.

⁸This species habitat is not modeled. This target is based on acquisition of grassland with vernal swale complex in this species USFWS designated Recovery Core Areas.

⁹Up to 5 currently unknown occurrences if discovered during implementation will also be protected. These occurrences may be protected in any CAZ in which they are discovered.

¹⁰At least 3 currently known occurrences will be protected in this CAZ.

¹¹The total Plan Area target for protection of unknown occurrences may be achieved in any combination of CAZs.

12At least 15 currently known occurrences will be protected.

13 Up to 8 currently unknown occurrences if discovered during implementation will also be protected. These occurrences may be protected in any CAZ in which they are discovered.

14At least 8 currently known occurrences will be protected.

¹⁵At least 2 currently known occurrences will be protected.

16At least 4 currently known occurrences will be protected.

¹⁷At least 7 currently known occurrences will be protected.

¹⁸Up to 20 currently unknown occurrences that are discovered over the term of the BRCP may be protected in addition to 65 known occurrences.

19At least three known occurrences will be protected.

²⁰At least two known occurrences will be protected.