								Habitat	
Туре	Scientific Name	Common Name	Federal	State	CDFW	CNPS	Habitat Description	Present	Determination
71							Species occurs in lowlands and toothills in or near permanent sources		
							of deep water with dense, shrubby or emergent riparian vegetation.		
							Requires 11-20 weeks of permanent water for larval development and		
							must have access to estivation habitat; estivation occurs late summer-		
		California Red-Legged					early winter. Breeds from January-July Occurs from elevations near		Potential to occur
Amphibian	Rana draytonii	Frog	Threatened	None	SSC		sea level to 5,200 feet. Inhabits rocky streams in a variety of foothill habitats including valley-	Yes	no documented o
							foothill riparian, valley-foothill hardwood, and wet meadows. Egg		
							clusters attach to gravel and rocks in moving water near stream		
		Foothill Yellow-Legged		Candidate			margins. Breeds mid-March to May. Occurs in elevations from near		Potential to occur
Amphibian	Rana boylii	Frog	None	Threatened	SSC		sea level to 6370 feet Inhabits burrows within grassland and valley foothill hardwood	Yes	no documented c
							woodland communities. Requires vernal, shallow, temporary pools		
							formed by heavy winter rains for reproduction. Breeds late winter-		Potential to occur
Amphibian	Spea hammondii	Western Spadefoot	None	None	SSC		March.	Yes	no documented o
							Species occurs near large freshwater and saltwater lakes. Migrant		
	Pelecanus						flocks leave northeastern California from October to March. Nests are		Presumed Absent
Bird	erythrorhynchos	American White Pelican	None	None	SSC		built on isolated islands in lakes. Breeds March-April. Species occurs near ocean shores, lakes, rivers, rangelands and coastal	No	project sites and
							wetlands for nesting and wintering; nesting occurs within 1 mile of a		
							water source with abundant fish near mountain forests and		
	Haliaeetus						woodlands. Prefers ponderosa pines for nesting. Breeds January-		Presumed Absent
Bird	leucocephalus	Bald Eagle	Delisted	Endangered	FP		August. Species occurs in tidal emergent wetlands dominated by pickleweed,	No	provide suitable h
							in brackish marshes dominated by bulrushes with pickleweed and in		
							freshwater wetlands dominated by bulrushes, cattails, and saltgrass.		
							Species prefers high wetland areas, away from areas experiencing		
	Laterallus jamaicensis						fluctuating water levels. Requires vegetation providing adequate		Potential to occur
Bird	coturniculus	California Black Rail	None	Threatened	FP		overhead cover for nesting. Eggs are laid March-June. Species occurs in forest and woodland habitats below 9000 feet	Yes	documented occu
							excluding deserts, the Central Valley, and other lowland valleys and		Presumed Absent
Bird	Contopus cooperi	Olive-Sided Flycatcher	None	None	SSC		basins. Requires large, tall trees, primarily conifers, for nesting.	No	recorded occurre
							Species occurs in large lakes and open waters. Nests in tall, emergent		Presumed Absent
Bird	Aythya americana	Redhead	None	None	SSC		vegetation with open water nearby. Breeds April-May Species occurs in northern California during summer. Prefers redwood	No	recorded occurre
							and Douglas fir habitats. Nests on vertical inner wall of large, hollow		Presumed Absent
Bird	Chaetura vauxi	Vaux's Swift	None	None	SSC		trees, occasionally chimneys and buildings. Breeds May-August. Species occurs in wet meadow and montane riparian areas between	No	recorded occurre Presumed Absent
							2000-8000 feet. Occurs in riparian habitats at lower elevations during		therefore suitable
Bird	Empidonax traillii	Willow Flycatcher	None	Endangered	-		spring and fall migration. Peak breeding in June. Species occurs in riparian, lacustrine, and coastal area with vertical	No	have been no rec
							banks, bluffs, and cliffs. Requires vertical banks and cliffs with fine-		
							textured or sandy soils near streams, rivers, ponds, and ocean for		
							nesting. Feeds primarily over grassland, shrubland, savannah,		Presumed Absent
							cropland, and open riparian areas. Breeds May-July. Migrant flocks		the project sites.
Bird	Riparia Riparia	Bank Swallow	None	Threatened	-		arrive in California in March and leave by mid-September. Species occurs in woodland, forests, wetlands, riparian, and coastal	No	city limits.
							habitats. Requires protected cliffs and ledges for cover. Breeds near		
	Falco peregrinus	American Peregrine					wetlands, lakes, rivers, or other water on high cliffs, banks, dunes,		Presumed Absent
Bird	anatum	Falcon	Delisted	Delisted	FP	-	mounds, or tall human structures. Breeds early March to late August. Species occurs near fresh emergent wetlands in spring and summer.	No	the project sites a
							Migrant flocks arrive in California in April-May and leave in June-		Potential to occur
Bird	Chlidonias niger	Black Tern	None	None	SSC		September. Breeds from May to August.	Yes	however there ar

occur. Suitable habitat exists in or near project sites however there are ed occurrences within city limits.

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sent. Suitable freshwater or saltwater habitat is not present on the and there are no recorded occurrences within city limits.

sent. The City does not contain a body of water large enough to ble habitat. Nearest documented occurrences are at Folsom Lake.

occur. Suitable habitat is present on the project sites and there are occurrences within city limits.

sent. Suitable habitat is not present on the project sites and no urrences within city limits.

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sent. Species occurs at an elevation above the range within the City table habitat is not present on the project sites. Additionally there recorded occurrences within city limits.

sent. Suitable habitat of vertical banks or cliffs is not present in or near tes. Additionally there have been no documented occurrences within

sent. Suitable habitat of protected cliffs and ledges is not present on tes and there are no recorded occurrences within city limits.

occur. Potentially suitable habitat exists in or near project sites e are no documented occurrences within city limits.

Bird	Ammodramus savannarum	Grasshopper Sparrow	None	None	SSC	Species occurs in dry or well drained, dense grasslands on rolling hills, lowland plains, and valleys and hillsides on lower mountain slopes. Requires thick cover of native grasslands, preferably comprised of grasses, tall forbs and scattered shrubs. Species may form small groups when nesting. Breeds April-July. Species occurs in riparian deciduous areas in summer. During	Yes	Potential to occu however there a
						migration, species occurs in woodland, forest, and shrub habitats. Also breeds in open conifer forests. Arrives in California in April and is mostly gone by October. Breeds from mid-April to early August with		
Bird	Setophaga petechia	Yellow Warbler	None	None	SSC	peak activity in June. Species occurs in valley foothill riparian areas up to 4,800 feet in California. Requires riparian thickets for cover. Breeds from early May	Yes	Potential to occu
Bird	Icteria virens	Yellow-Breasted Chat	None	None	SSC	to early August with peak activity in June. Species occurs in arid, open areas with sparse vegetation cover such as deserts, abandoned agricultural areas, grasslands, and disturbed	Yes	Potential to occ
Bird	Athene cunicularia	Burrowing Owl	None	None	SSC	open habitats. Requires friable soils for burrow construction. Occurs in elevations below 5,300 feet. Species occurs in foothills and lowlands throughout California.	Yes	Potential to occune no documented
						Frequents open habitats with sparse shrubs and trees, other suitable perches, bare ground, and low or sparse herbaceous cover. Lays eggs		Potential to occu
Bird	Lanius ludovicianus	Loggerhead Shrike	None	None	SSC	March-May and young become independent July-August. Species occurs in annual grassland up to lodgepole pine and alpine	Yes	no documented
						meadow from 0- 5700 feet. Frequents meadows, grasslands, open		
						rangelands, desert sinks, and fresh and saltwater emergent wetlands.		Detential to eas
Bird	Circus hudsonius	Northern Harrier	None	None	SSC	Nests on ground in shrubby vegetation, in emergent wetland, along	Yes	Potential to occu no documented
biru	circus indusorinus	Northern Harrier	None	None	550	rivers and lakes, and in grasslands. Breeds April to September.	163	no documented
						departing by late September. Inhabits valley foothill and montane		
						hardwood/hardwood-conifer, coniferous habitats and riparian		
						habitats. Nests in tall, old, isolated trees or snags in open forest or		
						woodland and in proximity to a body of water. Frequently nests within		
						former woodpecker cavities; may nest in human-made structures such as nesting boxes, under bridges and in culverts. Needs abundant aerial		Potential to occu
Bird	Progne subis	Purple Martin	None	None	SSC	insect prey. Breeds April-August. Inhabits grasslands with scattered trees, juniper-sage flats, riparian	Yes	documented oc
						areas, savannahs, and agricultural or ranch lands with groves or lines		
						of trees. Requires adjacent suitable foraging areas such as grasslands,		
						alfalfa or grain fields that support a stable rodent prey base. Breeds		Potential to occu
Bird	Buteo swainsoni	Swainson's Hawk	None	Threatened	-	March to late August.	Yes	documented oc
						Inhabits freshwater marsh, swamp and wetland communities, but may utilize agricultural or upland habitats that can support large colonies, often in the Central Valley area. Requires dense nesting		
						habitat that is protected from predators, is within 35 miles from a		
						suitable foraging area containing insect prey and is within 0.3 miles of open water. Suitable foraging includes wetland, pastureland,		
				Candidate		rangeland, at dairy farms, and some irrigated croplands (silage, alfalfa,		Potential to occu
Bird	Agelaius tricolor	Tricolored Blackbird	None	Endangered	SSC	etc.). Nests mid-March - early August, but may extend until	Yes	are documented
						Species occurs in coastal and valley lowland. Inhabits herbaceous and		
						open stages of most habitats mostly in cismontane California. Rarely found away from agricultural areas. Prefers open grasslands,		
						meadows or marshes for foraging close to isolated, dense topped		Potential to occu
Bird	Elanus leucurus	White-Tailed Kite	None	None	FP	trees for nesting and perching. Breeds February- October. Species occurs in Central Valley and coast ranges west of the Central	Yes	however there a
						Valley. Nests in fresh emergent wetland with dense vegetation and		
	Xanthocephalus					deep water. Forages in emergent wetland and moist, open areas such		Potential to occu
Bird	xanthocephalus	Yellow-Headed Blackbird	None	None	SSC	as cropland and muddy shores. Breeds mid-April to late July.	Yes	however there a

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							Species occurs in north-central portion of the Central Valley in riparian, fresh or saline emergent wetland, and wet meadow habitats.		
		Song Sporrow							Dotontial to or
D' d	Malaanina maladia	Song Sparrow	Nama	Neze	<b>666</b>		Nests in dense riparian thickets, emergent wetlands, or dense thickets	M	Potential to or
Bird	Melospiza melodia	("Modesto" Population)	None	None	SSC	-	in other moist situations. Breeds mid-March to early August.	Yes	however there
							south to Santa Maria River. Spawning occurs in coastal watersheds		
							while rearing occurs in freshwater or estuary habitats prior to		
							migrating to the ocean in the winter and spring. Preferred spawning		
							sites contain gravel substrate with sufficient water flow and riverine		
							cover. Rearing habitat contains sufficient feeding with associated		
							riparian forest containing willow and cottonwoods. Migration		
	Oncorhynchus mykiss	Steelhead - Central							Potential to or
<b>F</b> ish			Threatened	None			upstream for reproduction occurs from October-May with spawning	Vee	
Fish	irideus	Valley DPS	Threatened	None	-		Species occurs exclusively in elderberry shrubs as host plants.	Yes	are document
							Typically occurs in moist valley oak woodlands associated with		
	Desmocerus	Valley Elderberry					riparian corridors in the lower Sacramento River and upper San		Potential to or
Insect	californicus dimorphus	Longhorn Beetle	Threatened	None	-		Joaquin River drainages. Species occurs in relatively rather large, cool-water vernal pools with	Yes	one document
							moderately turbid water. Requires pools to continuously hold water		
	Branchinecta	Conservancy Fairy					for a minimum of 19 days and must remain inundated into the		Potential to or
Invertebrate	conservatio	Shrimp	Endangered	None	-			Yes	however there
							approximately 6 inches deep with short periods of inundation. Prefers		
							pools with low to moderate levels of alkalinity and total dissolved		
							solids. Requires temperatures below 50 F to hatch and dies at		Potential to or
Invertebrate	Branchinecta lynchi	Vernal Pool Fairy Shrimp	Threatened	None	-		temperatures above 75 F. Inhabits vernal pools and swales containing clear to highly turbid	Yes	are document
							waters such as pools located in grass bottomed swales of unplowed		
		Vernal Pool Tadpole					grasslands, old alluvial soils underlain by hardpan, and mud bottomed		Potential to or
Invortabrata	Lepidurus packardi		Endangered	None				Voc	there are no d
Invertebrate	Lepidurus packardi	Shrimp	Endangered	None	-		Species occurs in all habitats throughout the state, most abundant in	Yes	there are no u
							drier open stages of most shrub, forest, and herbaceous habitats.		
							Young are born in burrows dug in relatively dry, often sandy soil,		Potential to or
Mammal	Taxidea taxus	American Badger	None	None	SSC		usually in areas with sparse overstory cover. Species occurs in all habitats except subalpine and alpine habitats,	Yes	no documente
							most abundant in mesic habitats. Requires caves, mines, tunnels,		
	Corynorhinus	Townsend's big-eared					buildings, or other human-made structures for roosting. Mating		Potential to or
Mammal	townsendii	bat	None	None	SSC		occurs in November-February and births occur in May-June.	Yes	no documente
							and forests year round. Most common in open, dry habitats with		
							rocky areas for roosting. Forages over open ground within 1-3 miles of		
							day roosts. Prefers caves, crevices, and mines for day roosts, but may		
							utilize hollow trees, bridges and buildings. Roosts must protect bats		
							from high temperatures. Very sensitive to disturbance of roosting		
							sites. Maternity colonies form early April and young are born April-		Potential to or
Mammal	Antrozous pallidus	Pallid Bat	None	None	SSC			Yes	however there
									Presumed Abs
							Occurs in gabbroic or serpentinite soils in chaparral and cismontane		therefore suita
Plant	Ceanothus roderickii	Pine Hill Ceanothus	Endangered	Rare	-	1B.1		No	have been no Presumed Abs
							Occurs in gabbroic or serpentinite soils in chaparral and cismontane		therefore suita
Plant	Calystegia stebbinsii	Stebbins' Morning-Glory	Endangered	Endangered	-	1B.1		No	have been no
		cite cite cite cite cite cite cite cite					Occurs in gabbroic or serpentinite soils in chaparral, cismontane		Presumed Abs
							woodland, and lower montane coniferous forte habitats. Elevation		therefore suita
Plant	Carex xerophila	chaparral sedge	None	None	-	1B.2		No	have been no
							_,, 0 . 0		

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Plant	Galium californicum ssp. sierrae	El Dorado bedstraw	Endangered	Rare	-	1B.2
Plant	Wyethia reticulata	El Dorado County mule ears	None	None	-	1B.2
Plant	Allium jepsonii	Jepson's onion	None	None	-	1B.2
Plant	Packera layneae	Layne's ragwort	Threatened	Rare	-	1B.2
Plant	Fremontodendron decumbens	Pine Hill flannelbush	Endangered	Rare	-	1B.2
Plant	Chlorogalum grandiflorum	Red Hills soaproot	None	None	-	1B.2
Plant	Viburnum ellipticum	oval-leaved viburnum	None	None	-	2B.3
Plant	Chloropyron molle ssp. hispidum	Hispid Salty Bird's-Beak	None	None	-	1B.1
Plant	Legenere limosa	Legenere Northern California Black	None	None	-	1B.1
Plant	Juglans hindsii	Walnut	None	None	-	1B.1
Plant	Navarretia myersii ssp. myersii	Pincushion Navarretia	None	None	-	1B.1
	Juncus leiospermus var.					
Plant	leiospermus	Red Bluff Dwarf Rush	None	None	-	1B.1
Plant	Orcuttia viscida Juncus leiospermus var.	Sacramento Orcutt Grass	Endangered	Endangered	-	1B.1
Plant	ahartii Balsamorhiza	Ahart's Dwarf Rush	None	None	-	1B.2
Plant	macrolepis	Big-Scale Balsamroot Boggs Lake Hedge-	None	None	-	1B.2
Plant	Gratiola heterosepala	Hyssop	None	Endangered	-	1B.2
Plant	Sagittaria sanfordii	Sanford's Arrowhead	None	None	-	1B.2
Plant	Downingia pusilla	Dwarf Downingia	None	None	-	2B.2

and lower montane coniferous forest. Elevation 607-2,067 feet. Blooms April-August. No Occurs in Serpentinite or volcanic soils in chaparral, cismontane woodlands, and lower montane coniferous forest habitats. Elevation 980-4,330 feet. Blooms April-August. No Occurs in gabbroic, serpentinite, or rocky soils in chaparral and cismontane woodland. Elevation 656-3,560 feet. Blooms April-August. No Occurs in gabbroic or serpentinite soils in chaparral and cismontane woodland habitats. Elevation 1,394-2,493 feet. Blooms April-July. No Occurs in chaparral, cismontane woodland, and lower montane coniferous forest habitats. Elevation 804-5,545 feet. Blooms May-June. No Occurs in chaparral, cismontane woodland, and lower montane coniferous forest. Elevation 705-4,593 feet. Blooms May-June. No Occurs in alkaline soils in meadows, seeps, playas, valley grassland, and foothill grassland habitats. Elevation 0-509 feet. Blooms June-September. Yes Occurs in mesic areas and vernal pools. Elevation 0-2,887 feet. Blooms May-June. Yes Occurs in riparian forest and riparian woodland. Elevation 0-1,444 feet. Blooms April-May. Yes Occurs in vernal pools, often acidic soils. Elevation 66-1,083 feet. Blooms April-May. Yes Occurs in vernal pools and seasonally mesic locations in valley grassland, foothill grassland, chaparral, cismontane woodland, meadows, and seeps. Elevation 115-4,101 feet. Blooms March-June. Yes Occurs in vernal pools. Elevation 98-328 feet. Blooms April-July. Yes Occurs in seasonally mesic locations in valley and foothill grasslands. Elevation 98-751 feet. Blooms March-May. Yes Occurs in chaparral, cismontane woodland, valley grassland, and foothill grassland. Elevation 148-5,100 feet. Blooms March-June Yes Occurs in clay soils in marshes, swamps, vernal pools, and other shallow standing water. Elevation 33-7,792 Feet. Blooms April-August. Yes Occurs in freshwater marshes, swamps, and other shallow freshwater habitats. Elevation 0-2,150 feet. Blooms May-October. Yes Occurs in vernal pools and seasonally mesic locations in valley and foothill grasslands. Elevation 0-1,460 feet. Blooms March-May. Yes sloughs, ponds, rice fields, low gradient streams and irrigation/drainage canals adjacent to uplands. Ideal habitat contains both shallow and deep water with variations in topography. Species requires adequate water during the active season (April-November), emergent, herbaceous wetland vegetation, such as cattails and bulrushes, for escape cover and foraging habitat and mammal burrows estivation. Requires grassy banks and openings in waterside vegetation for basking and higher elevation uplands for cover and refuge from flood waters during winter dormant season. No

Occurs in gabbroic soils in chaparral, cismontane woodland, and lower montane coniferous forest habitats. Elevation 328-1,919 feet. Blooms

Occurs in clay or gabbroic soils in chaparral, cismontane woodland,

May-June.

Presumed Abs recorded occu Presumed Abs therefore suita have been no Presumed Abs therefore suita have been no

No

Potential to oc documented o Potential to oc however there Potential to oc however there Potential to oc however there

Potential to or however there Potential to or however there Potential to or however there Potential to or there are docu Potential to or however there Potential to or however there Potential to or however there Potential to or however there

Presumed Absent. The closest recorded occurrences are in rice fields and other wet habitats along the Sacramento River over 6 miles west of the City. Project sites lack suitable slough and rice field habitats and the City is outside of the known distribution of the species.

Reptile

Thamnophis gigas

giant gartersnake

Threatened Threatened

Inreatened -

Presumed Absent. Suitable habitat is not present on the project sites and no recorded occurrences within city limits.

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						A fully aquatic turtle of ponds, marshes, rivers, streams and irrigation	ı	
						ditches with aquatic vegetation. Requires basking sites and suitable		
						upland habitat (sandy banks or grassy open field) for reproduction		Potential to occu
Reptile	Emys marmorata	western pond turtle	None	None	SSC	(sea level to 4,690 feet).	Yes	there are docum

occur. Potentially suitable habitat exists in or near project sites and sumented occurrences within city limits.