

# **APPENDIX H: SPECIAL STATUS SPECIES**

# Appendix H: Special Status Species

Special Status Species with Potential to Occur in the Project Vicinity			
Name	Listing Status	Habitat Requirements	Potential to Occur in the Project Area
<i>Plants</i>			
Socrates Mine jewel-flower <i>Streptanthus brachiatus</i>	Federal: None State: None CNPS: 1B.2	Perennial herb found within closed-cone coniferous forests or Chaparral (usually serpentinite)  Blooms: May-June  Elevation: 545-1,000m	Low to moderate
Colusa layia <i>Layia septentrionalis</i>	Federal: None State: None CNPS: 1B.2	An annual herb found in chaparral, cismontane woodlands, or valley and foothill grasslands with sandy serpentinite soils  Blooms: April-May  Elevation 100-1095 m	Low to moderate
Legenere <i>Legenere limosa</i>	Federal: None State: None CNPS: 1B.1	Annual herb most commonly associated with vernal pools.  Blooms: April-June  Elevation: 1-880m	None. No suitable habitat present.
Many-flowered navarretia <i>Navarretia leucocephala</i> ssp. <i>Plieantha</i>	Federal: FE State: SE CNPS: 1B.2	Annual herb most commonly associated with vernal pools.  Blooms: May-June  Elevation: 30-950m	None. No suitable habitat present.
Boggs Lake hedge-hyssop <i>Gratiola heterosepala</i>	Federal: None State: SE CNPS: 1B.2	Annual herb associated with aquatic sources such as lake margins, swamps, marshes, or vernal pools with clay substrates.  Blooms: April-August  Elevation: 10-2,375 m	None. No suitable habitat present.

<b>Special Status Species with Potential to Occur in the Project Vicinity (Continued)</b>			
<b>Name</b>	<b>Listing Status</b>	<b>Habitat Requirements</b>	<b>Potential to Occur in the Project Area</b>
Geysers dichanthelium <i>Dichanthelium lanuginosum</i> var. <i>thermale</i>	Federal: None State: SE CNPS: 1B.1	Perennial herb most often found in riparian forest, geothermally-altered soils or streamsides near valley and foothill grasslands.  Blooms: June-August  Elevation: 305-825m	Low to moderate
Glandular western flax <i>Hesperolinon adenophyllum</i>	Federal: None State: None CNPS: 1B.2	An annual herb found in chaparral, cismontane woodlands, or valley and foothill grasslands with sandy serpentinite soils.  Blooms: May-August  Elevation: 150-1,315m	Low to moderate
Marsh checkerbloom <i>Sidalcea oregano ssp. hydrophila</i>	Federal: None State: None CNPS: 1B.2	A perennial herb that is found within meadows, seeps, and mesic riparian forests.  Blooms: July-August  Elevation: 1,100-2,300m	Low to moderate
Cobb Mountain lupine <i>Lupinus sericatus</i>	Federal: None State: None CNPS: 1B.2	A perennial herb that can be found in broadleaf upland forest, chaparral, cismontane woodlands, or lower montane coniferous forests.  Blooms: March-June  Elevation 275-1,525m	Low to moderate
Brandegge's eriastrum <i>Eriastrum brandegeae</i>	Federal: None State: None CNPS: 1B.2	Annual herb found in volcanic or sandy soils in cismontane woodlands or chaparral.  Blooms: April-August  Elevation: 305-1,030m	Low to moderate
Morrison's jewel- flower <i>Streptanthus morrisonii</i> ssp. <i>morrisonii</i>	Federal: None State: None CNPS: 1B.2	A perennial herb found in serpentinite, rocky, and talus chaparral habitats  Bloom: May-September  Elevation: 120-585m	Low to moderate
Bolander's horkelia <i>Horkelia bolanderi</i>	Federal: None State: None CNPS: 1B.2	Habitats include chaparral, low montane coniferous forest, meadows and seeps, and vernal mesic edges or areas of valley and foothill grasslands.	Low to moderate

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<b>Name</b>	<b>Listing Status</b>	<b>Habitat Requirements</b>	<b>Potential to Occur in the Project Area</b>
		Blooms: June-August Elevation: 450-1,100m	
Few-flowered navarretia <i>Navarretia leucocephala</i> ssp. <i>pauciflora</i>	Federal: FE State: ST CNPS: 1B.1	This annual herb can be found near vernal pools containing volcanic ash flow.  Blooms: May-June Elevation: 400-855m	None. No suitable habitat present.
slender Orcutt grass <i>Orcuttia tenuis</i>	Federal: FT State: SE CNPS: 1B.1	This annual herb is commonly associated with vernal pools.  Blooms: May-September Elevation: 35-1760m	None. No suitable habitat present.
Konocti Manzanita <i>Arctostaphylos manzanita</i> ssp. <i>elegans</i>	Federal: None State: None CNPS: 1B.3	This evergreen shrub is typically found in chaparral, cismontane woodlands, or volcanic lower montane coniferous forest habitats.  Blooms: March-May Elevation: 395-1,615m	Moderate
Rincon Ridge ceanothus <i>Ceanothus confusus</i>	Federal: None State: None CNPS: 1B.1	This evergreen shrub is often found in closed-cone coniferous forests, chaparral, or volcanic or serpentinite cismontane woodlands.  Blooms: February-June Elevation: 75-1,065m	Low to moderate
Snow Mountain buckwheat <i>Eriogonum nervulosum</i>	Federal: None State: None CNPS: 1B.2	A rhizomatous herb that is found serpentinite chaparral habitats.  Blooms: June-September Elevation: 300-2,105m	Low to moderate
Sonoma canescent Manzanita <i>Arctostaphylos canescens</i> ssp. <i>sonomensis</i>	Federal: None State: None CNPS: 1B.2	An evergreen shrub that prefers chaparral or lower montane coniferous forests. It is sometimes associated with serpentinite soils.  Blooms: January-June Elevation: 180-1,675m	Low to moderate
serpentine cryptantha <i>Cryptantha</i>	Federal: None State: None CNPS: 1B.1	An annual herb found in serpentinite- containing chaparral environments.  Blooms: April-June	Low to moderate

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<b>Name</b>	<b>Listing Status</b>	<b>Habitat Requirements</b>	<b>Potential to Occur in the Project Area</b>
<i>clevelandii</i> var. <i>dissita</i>		Elevation: 395-580m	
<b>Insects</b>			
Ricksecker's water scavenger beetle <i>Hydrochara rickseckeri</i>	Federal: None State: CSC	Found in pond habitats scattered around the San Francisco Bay area, including Marin, Sonoma, Alameda, and Contra Costa counties.	Absent
<b>Amphibians and Reptiles</b>			
Western pond turtle <i>Actinemys marmorata</i>	Federal: None State: CSC	Found in aquatic habitats. Diurnal, but hibernates underwater in muddy pool bottoms.	Absent
Foothill yellow-legged frog <i>Rana boylei</i>	Federal: None State: CSC	Frequents shallow, slow, gravelly streams and rivers with sunny banks in forests, chaparral, and woodlands.	Low
California red-legged frog <i>Rana aurora draytonii</i>	Federal: FT State: CSC	Breeds in ponds and pools in slow-moving streams with emergent vegetation; adjacent upland habitats are often used for refuge.	Low
<b>Birds</b>			
Purple martin <i>Progne subis</i>	Federal: FE State: CSC	Roosts in abandoned woodpecker holes, tree cavities, rock crevices, and birdhouses. It frequently lives near towns and bodies of water.	Moderate to High
Yellow Warbler <i>Dendroica petechia</i>	Federal: FE State: CSC	Requires woodland	Moderate to High
Common Yellowthroat <i>Geothlypis trichas</i>	Federal: None State: CSC	This bird finds cover and food primarily in wetland habitats and occasionally nests in riparian and grassland habitats.	Moderate to High
Northern Spotted Owl <i>Strix occidentalis caurina</i>	Federal: FT State: None	Inhabit cool, moist, well-shaded forest habitat	Moderate
White-tailed Kite <i>Elanus leucurus</i>	Federal: None State: CFP	Nests in oak, willow, or other trees and forages over open grasslands.	Moderate to High

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<b>Name</b>	<b>Listing Status</b>	<b>Habitat Requirements</b>	<b>Potential to Occur in the Project Area</b>
Sharp-shinned Hawk <i>Accipiter striatus</i>	Federal: None State: CSC	Prefers cool, moist, well-shaded forest with access to water.	Moderate to High
Cooper's Hawk <i>Accipiter cooperii</i>	Federal: None State: CSC	Inhabits open woodland near water where hawks can ambush prey from cover. Nest in large trees within riparian woodlands.	Moderate to High
Ferruginous Hawk <i>Buteo regalis</i>	Federal: None State: CSC	Habitat is usually an isolated perch overlooking an open grassland or scrubland that provides suitable hunting territory.	Moderate to High
Tricolored Blackbird <i>Agelaius tricolor</i>	Federal: None State: CSC	Nests in freshwater marshes containing emergent vegetation.	Low
Golden Eagle <i>Aquila chrysaetos</i>	Federal: BGEPA State: FP	Found in rolling foothills, mountain areas, and desert. Cliff-wall canyons used for nesting.	Low
Peregrine Falcon <i>Falco peregrinus</i>	Federal: None State: SE	Prefers woodland and forest habitats near water for breeding and will nest yearlong in riparian areas.	Low
<b>Fish</b>			
Steelhead-central coast California ESU <i>Oncorhynchus mykiss irideus</i>	Federal: FE State: CSC	Suitable habitat available in Squaw Creek,	Present
<b>Mammals</b>			
Pallid Bat <i>Antrozous pallidus</i>	Federal: None State: CSC	Prefers open, dry habitats such as grasslands, shrublands, and woodlands with rocky substrate.	Low
<b>Note:</b> CNPS Designations: 1B: Plants rare, threatened, or endangered in California or elsewhere. 2: Plants rare, threatened, or endangered in California, but more common elsewhere. 3: Plants for which more information is needed – a review list. 4: Plants of limited distribution – a watch list.			

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<b>Name</b>	<b>Listing Status</b>	<b>Habitat Requirements</b>	<b>Potential to Occur in the Project Area</b>
<p>CNPS Threat Designations</p> <p>0.1: Seriously endangered in California.</p> <p>0.2 Fairly endangered in California.</p> <p>0.3 Not very endangered in California.</p> <p>Federal Designations:</p> <p>FE: Listed as Endangered under the Endangered Species Act</p> <p>FT: Listed as Threatened under the Endangered Species Act</p> <p>FC: Listed as Candidate under the Endangered Species Act</p> <p>SOC Species of Concern</p> <p>State of California Designations:</p> <p>SE: California Fish and Game Code Endangered Species</p> <p>ST: California Fish and Game Code Threatened Species</p> <p>CFP: California Fish and Game Code Fully Protected Species</p> <p>CSC: California Department of Fish and Game Species of Special Concern</p> <p>CCC: California Candidate Species as Threatened or Endangered</p>			

**SOURCE:** Northwest Biosurvey 2007; CNDDDB 2009; USFWS 2009