

**Table 3.11.A - Federal or State Listed Species or Candidates
Associated with Aquatic, Wetland, and Riparian Habitats
Likely to Occur Within the WT Corridor**

Scientific Name	Common Name	Status	Habitat
Plants			
<i>Ambrosia pumila</i>	San Diego ambrosia	FPE	VP/G
<i>Atriplex coronata</i> var. <i>notatior</i>	San Jacinto Valley crownscale	FE	VP/AP
<i>Brodiaea filifolia</i>	thread-leaved brodiaea	SE/FT	VP/G
<i>Dodecahema leptoceras</i>	slender horned spineflower	SE/FE	RS/RF
<i>Navarretia fossalis</i>	spreading navarretia	FT	VP/AP
<i>Orcuttia californica</i>	California orcutt grass	SE/FE	VP
Invertebrates			
<i>Brachinecta lynchii</i>	vernal pool fairy shrimp	FT	VP
<i>Streptocephalus woottoni</i>	Riverside fairy shrimp	FE	VP
Amphibians			
<i>Bufo microscapus californicus</i>	southwestern arroyo toad	FE	R/AP/VP/M/RS/RF P/VP
Birds			
<i>Empidonax traillii extimus</i>	southwestern willow flycatcher	SE/FE	RF
<i>Haliaeetus leucocephalus</i>	bald eagle	SE/FT	OW
<i>Vireo bellii pusillus</i>	least Bell's vireo	SE/FE	RS/RF

Note: ST state listed as threatened, SE state listed as endangered, FC federal candidate (formerly Category 1), FT federal listed as threatened, FE federal listed as endangered, FPE federal proposed for listing as endangered, AP alkali playa, M marsh, G grassland, OW large bodies of open water, R rivers, streams, and adjacent wetlands, RS riparian scrub, RF riparian forest, VP vernal pool, SW alluvial sandy washes and terraces. Refer to Table 5.C in Appendix E of this EIS/EIR for a complete list of habitat types in which these species are known to occur.

3.11.4 Critical Habitats of Aquatic and Wetland Species

The following is a description of the extent of critical habitat areas near the WT Corridor (see Figure 3.11.1, Critical Habitat).

- **Riverside Fairy Shrimp.** In Riverside County, a portion of the critical habitat for the Riverside fairy shrimp is located in the Santa Rosa Plateau. Other protected lands where the fairy shrimp occur are part of the Assessment District 161 SHCP at Skunk Hollow.
- **Southwestern Arroyo Toad.** Designated critical habitat for arroyo toad does not exist within the WT Corridor. The closest designated critical habitat area is located at Vail Lake, approximately 9.6 km (6.0 mi) east of the southernmost alternative of the WT Corridor.
- **Western Snowy Plover.** Designated critical habitat areas for the snowy plover are found only on the Pacific coast, not within Riverside County.

Figure 3.11.1 - Critical Habitat

- **Southwestern Willow Flycatcher.** The areas of the designated critical habitats for the southwestern willow flycatcher in the MSHCP study area are in the Santa Ana River from Prado Dam to the City of Riverside, and in the Santa Margarita River canyon from the coast to the San Diego-Riverside County line.
- **Least Bell's Vireo.** Designated critical habitat areas for the vireo in the MSHCP study area are in the Santa Ana River from Prado Dam to the City of Riverside. Another critical habitat area adjacent to the MSHCP study area is located in Santa Margarita River canyon within San Diego County, approximately 8 km (5 mi) south of Riverside County.
- **San Bernardino Kangaroo Rat.** Final critical habitat designation is located approximately 13 to 16 km (8 to 10 mi) to the east of the northern end of the WT Corridor.

3.11.5 Narrow Endemic Species Associated with Aquatic, Wetland, and Riparian Habitats

Narrow endemic species are found in areas with climatic or soil-based conditions with unique species assemblages, including clay, alkali, volcanic, and sandy soils. The following wetland and riparian plant species are narrow endemics within the WT Corridor.

3.11.5.1 Endemic to Western Riverside County

- C San Jacinto Valley crownscale (*Atriplex coronata* var. *notatior*), FE, saline-alkaline clays, alkali playas.
- C Parish's brittlescale (*Atriplex parishii*), saline-alkaline clays, alkali playas.

3.11.5.2 Endemic to Southern California

- C Thread-leaved brodiaea (*Brodiaea filifolia*), SE/FT, saline-alkaline clays, alkali playas, vernal pools.
- C Spreading navarretia (*Navarretia fossalis*), FT, saline-alkaline clays, alkali playas, vernal pools.
- C California orcutt grass (*Orcuttia californica*), SE/FE, saline-alkaline clays, vernal pools.
- C San Diego ambrosia (*Ambrosia pumila*), saline-alkaline clays, alkali playas.
- C Davidson's saltscale (*Atriplex serenana* var. *davidsonii*) saline-alkaline clays, alkali playas.
- C Smooth tarplant (*Hemizonia pungens* ssp. *laevis*), saline-alkaline clays, alkali playas.
- C Coulter's goldfields (*Lasthenia glabrata* ssp. *coulteri*) saline-alkaline clays, alkali playas.
- C Little mousetail (*Myosurus minimus* ssp. *apus*), saline-alkaline clays, vernal pools.