

Table 5-18. Activity Exclusion Zones

<i>Covered species</i>	<i>Habitat Type Avoided</i>	<i>Activity Exclusion Zone Distance (feet)</i>	<i>Exclusion Period</i>
California black rail	Emergent marsh/springs and seeps supporting habitat	1,320	March 1 to July 30
Bald eagle	Nest sites	2,600	February 15 to July 30
Swainson's hawk	Nest sites	1,320	March 15 to August 30
White-tailed kite	Nest sites	1,320	March 15 to August 30
American peregrine falcon	Nest sites	2,600	March 15 to August 30
Greater sandhill crane	Winter roosts	5,200	October 15 to February 28
Western burrowing owl	Nest sites	250	February 1 to July 30
Western yellow-billed cuckoo	Occupied riparian habitat	2,600	June 1 to August 30
Yellow-breasted chat	Occupied riparian habitat	1,320	April 1 to July 30
Tricolored blackbird	Breeding colonies	2,600	March 15 to July 30
Foothill yellow-legged frog	Occupied watercourses	100	Year-round
California red-legged frog	Occupied breeding ponds	500	November 1 to April 30
Western spadefoot toad	Occupied vernal pool grasslands, and other occupied aquatic and adjacent grasslands	500	Year-round
Western pond turtle	Occupied watercourses and ponds	200	March 1 to November 30
Giant garter snake	Occupied watercourses	200 (from the edge of aquatic habitat)	October 1 to May 15
Valley elderberry longhorn beetle	Elderberry shrubs with greater than 1-inch stems at base	20	Year-round
Vernal pool invertebrates	Inundated vernal pools	50 ¹	During periods of inundation – approximately November 1 to April 30
Ferris' milkvetch	Vernal pools	50 ¹	Year-round
Lesser saltscare	To come	50 ¹	Year-round
Hoover's spurge	To come	50 ¹	Year-round
Ahart's dwarf rush	Vernal pools	50 ¹	Year-round
Red Bluff dwarf rush	Vernal pools	50 ¹	Year-round
Butte County meadowfoam	Vernal swales and vernal pools	2 ¹	Year-round
Hairy Orcutt grass	Vernal pools	50 ¹	Year-round
Slender Orcutt grass	Vernal pools	50 ¹	Year-round
Ahart's paronychia	Vernal pools	50 ¹	Year-round
California beaked rush	Undetermined, base on occurrences	50 ¹	Year-round
Butte County checkerbloom	Woodlands and grassland	2 ¹	Year-round
Veiny monardella	Undetermined, base on occurrences	2 ¹	Year-round
Butte County golden clover	Vernal swales and vernal pools	2 ¹	Year-round
Greene's tuctoria	Vernal pools	50 ¹	Year-round

¹USFWS Biological Opinion 81420-2008-F-0104-2: Review of the Proposed State Route 32 Widening Project. February 3, 2009. 50-foot distance based on vernal pool crustacean assessment and 2-foot distance based on Butte County Meadowfoam assessment.

Table 5-18. Activity Exclusion Zones (continued)

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