

Table 6-4. Species Matrix

Common Name/Scientific Name	Natural Communities																				Agricultural			
	CH	CF	BOS	BOW	ILOW	MOW	G	G-VS	CWRF	VORF	WS	HRRP	DTR-S	DTR	EW	MSW	MW	OW	MC	R/S/C	P	Rice	IC/IP	
Fish Species																								
Central Valley steelhead <i>Oncorhynchus mykiss</i>												X	X					X		X				
Chinook salmon (Spring-run and Fall-run) <i>Oncorhynchus tshawytscha</i>												X	X					X		X				
Green sturgeon <i>Acipenser medirostris</i>												X	X					X		X				
Hardhead <i>Mylopharodon conocephalus</i>												X	X					X		X				
River lamprey <i>Lampetra ayresi</i>												X	X					X		X				
Sacramento splittail <i>Pogonichthys macrolepidotus</i>												X	X					X		X				
Invertebrate Species																								
Antioch Dunes anthicid beetle <i>Anthicus antiochensis</i>												X												
California linderiella <i>Linderiella occidentalis</i>							X	X																
Conservancy fairy shrimp <i>Branchinecta conservatio</i>							X	X																
Sacramento anthicid beetle <i>Anthicus sacramento</i>												X												
Valley elderberry longhorn beetle <i>Desmocerus californicus dimorphus</i>							X		X	X				X	X									
Vernal pool fairy shrimp <i>Branchinecta lynchi</i>							X	X																
Vernal pool tadpole shrimp <i>Lepidurus packardi</i>							X	X																
Amphibian Species																								
Foothill yellow-legged frog <i>Rana boylei</i>																				X				
Western spadefoot toad <i>Spea hammondi</i>							X	X												X	X			

Table 6-4. Continued

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California beaked-rush <i>Rhynchosperma californica</i>															X									
California satintail <i>Imperata brevifolia</i>															X									
Ferris' milkvetch <i>Astragalus tener</i> var. <i>ferrisiae</i>								X																
Greene's tuctoria <i>Tuctoria greenei</i>								X																
Hairy Orcutt grass <i>Orcuttia pilosa</i>								X																
Heartscale <i>Atriplex cordulata</i> var. <i>cordulata</i>								X																
Hoover's spurge <i>Chamaesyce hooveri</i>								X																
Lesser saltscale <i>Atriplex minuscula</i>								X																
Pappose tarplant <i>Centromadia parryi</i> subsp. <i>parryi</i>								X																
Pink creamsacs <i>Castilleja rubicundula</i> subsp. <i>rubicundula</i>							X																	
Recurved larkspur <i>Delphinium recurvatum</i>							X																	
Red Bluff dwarf rush <i>Juncus leiospermus</i> var. <i>leiospermus</i>								X																
Rose mallow <i>Hibiscus lasiocarpus</i> var. <i>occidentalis</i>															X									
Round-leaved filaree <i>California macrophylla</i>							X																	
Sagittaria sanfordii <i>Sanford's arrowhead</i>															X									
Slender Orcutt grass <i>Orcuttia tenuis</i>								X																
Slender-leaved pondweed <i>Stuckenia filiformis</i>															X			X						

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Veiny monardella <i>Monardella venosa</i>							X																		
Watershield <i>Brasenia shreberi</i>															X			X							
White-stemmed clarkia <i>Clarkia gracilis</i> subsp. <i>albicaulis</i>			X	X	X	X	X																		

- CH = Chaparral.
- CF = Coniferous forest.
- BOS = Blue oak savanna.
- BOW = Blue oak woodland.
- ILOW = Interior live oak woodland.
- MOW = Mixed oak woodland.
- G = Grassland.
- G-VS = Grassland with vernal swale complex.
- CWRF = Cottonwood willow riparian forest.
- VORF = Valley oak riparian forest.
- WS = Willow scrub.
- HRRP = Herbaceous riparian river bar.
- DTR-S = Dredger tailings with riparian – stream.
- DTR = Dredger tailings with riparian.
- EW = Emergent wetland.
- MSR = Managed seasonal wetland.
- NW = Managed wetland.
- OW = Open water.
- MC = Major canal.
- R/S/C = Rivers, streams, agricultural channels.
- P = Ponds.
- IC/IP = Irrigated cropland/Irrigated pasture.