

# Appendix B

## Natural Community Species Lists

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## APPENDIX B. NATURAL COMMUNITY SPECIES LISTS

This Appendix presents lists of plant and animal species known to occur or that could occur within the natural communities delineated within the planning area. The list of plant species, found in Table B-1, was generated from the CalFlora database (CalFlora 2006). The CalFlora database was searched using rules for natural community, location (within Butte County), and elevation range (0 to 1,100 feet). The CalFlora plant communities used in the data query were the ones most similar to those natural communities described for the Butte Regional HCP/NCCP in Chapter 3. A comparison is provided below.

<i>Butte Regional HCP/NCCP Natural Community</i>	<i>CalFlora Plant Community</i>
Grassland	Valley Grassland
Riparian	see footnote*
Wetlands	Freshwater Wetlands
Oak woodland and Savanna	Northern Oak Woodland Foothill Woodland
Agriculture	Agricultural Weed
Aquatic	No suitable classification found (not included)

\* CalFlora, the data source for plants in Appendix B, does not have riparian category. For this analysis, riparian species were determined by reducing a list of species occurring within the planning area to reflect only those species that occur in riparian environments.

The list of fish and wildlife species, found in Table B-2, was compiled from the Wildlife Habitats Relationships System (WHR) and existing conditions reports for major streams (California State University [CSU] Chico 1998, Big Chico Creek Watershed Alliance 1999, SWRI 2003). WHR categories searched that correspond to the Butte Regional HCP/NCCP natural communities are presented below. In general, the categories used in WHR are closely aligned to those used in the HCP/NCCP. WHR provides lists by County and these lists have been modified to only include those species that are expected to be associated with natural communities within the planning area.

<i>Butte Regional HCP/NCCP Natural Community</i>	<i>WHR Habitat</i>
Grassland	Annual Grassland Perennial Grassland
Riparian	Valley Oak Woodland Valley Foothill Riparian
Wetlands	Fresh Emergent Wetland
Oak Woodland and Savanna	Blue Oak Woodland Blue Oak-Foothill Pine

*Appendix B*

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<i>Butte Regional HCP/NCCP Natural Community</i>	<i>WHR Habitat</i>
Agriculture	Deciduous Orchard Evergreen Orchard Vineyard Rice Irrigated grain Crops Irrigated Hayfield Irrigated Row and Field Crops Eucalyptus
Aquatic	Riverine Lacustrine

Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Acer macrophyllum</i>	big-leaf maple	Tree	X	X		X	
<i>Acer negundo</i> var. <i>californicum</i>	box elder	Tree	X	X		X	
<i>Acer saccharinum</i> *	silver maple	Tree			X		
<i>Achyraea mollis</i>	blow-wives	Annual herb	X			X	
<i>Adiantum aleuticum</i>	five-finger fern	Fern		X			
<i>Adiantum capillus-veneris</i>	southern maiden-hair	Fern	X	X		X	
<i>Adiantum jordanii</i>	California maiden-hair	Fern	X	X		X	
<i>Aesculus californica</i>	California buckeye	Tree				X	
<i>Agastache urticifolia</i>	nettle-leaf giant hyssop	Perennial herb	X	X		X	
<i>Agoseris grandiflora</i>	California Dandelion	Perennial herb	X			X	
<i>Agoseris heterophylla</i>	annual mountain dandelion	Annual herb	X			X	
<i>Agrostis eliottiana</i>	Elliott's bentgrass	Annual herb	X				
<i>Agrostis exarata</i>	spike bentgrass	Perennial herb	X	X		X	
<i>Agrostis hendersonii</i>	Henderson's bentgrass	Annual herb			X		
<i>Agrostis microphylla</i>	small-leaved Bentgrass	Annual herb	X				
<i>Agrostis oregonensis</i>	Oregon bentgrass	Perennial herb	X	X		X	
<i>Agrostis pallens</i>	thingrass	Perennial herb	X			X	
<i>Alisma plantago-aquatica</i>	water plantain	Perennial herb (aquatic)	X				
<i>Allium amplexans</i>	narrow-leaved onion	Perennial herb				X	
<i>Allium cratericola</i>	Cascade onion	Perennial herb				X	
<i>Allium crispum</i>	crinkled onion	Perennial herb	X				
<i>Allium hyalinum</i>	glassy onion	Perennial herb	X			X	
<i>Allium jepsonii</i>	Jepson's onion	Perennial herb (bulb)				X	
<i>Allium peninsulare</i>	Mexicali onion	Perennial herb	X			X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Allium sanbornii</i> var. <i>sanbornii</i>	Sanborn's onion	Perennial herb (bulb)				X	
<i>Allium serra</i>	jeweled onion	Perennial herb				X	
<i>Allophylllum divaricatum</i>	Straggling gilia	Annual herb				X	
<i>Allophylllum gilioides</i>	dense false-gilia	Annual herb				X	
<i>Alnus rhombifolia</i>	white alder	Tree		X		X	
<i>Alopecurus aequalis</i>	short-awn foxtail	Perennial herb			X		
<i>Alopecurus carolinianus</i>	Carolina foxtail	Annual herb					X
<i>Alopecurus saccatus</i>	foxtail	Annual herb	X	X			
<i>Ambrosia acanthicarpa</i>	annual bursage	Annual herb	X			X	
<i>Amelanchier pallida</i>	pale serviceberry	Shrub	X			X	
<i>Amelanchier utahensis</i>	Service-Berry	Shrub	X			X	
<i>Amorpha californica</i>	California false-indigo	Shrub				X	
<i>Amsinckia douglasiana</i>	Douglas' fiddleneck	Annual herb	X				
<i>Amsinckia lycopsoides</i>	tarweed fiddleneck	Annual herb				X	
<i>Amsinckia menziesii</i>	Menzies' fiddleneck	Annual herb	X				
<i>Amsinckia menziesii</i> var. <i>intermedia</i>	common fiddleneck	Annual herb	X			X	
<i>Amsinckia tessellata</i>	fiddleneck	Annual herb	X				
<i>Amsinckia tessellata</i> var. <i>tessellata</i>	devil's lettuce	Annual herb	X				
<i>Amsinckia vernicosa</i>	green fiddleneck	Annual herb	X				
<i>Amsinckia vernicosa</i> var. <i>vernicosa</i>	green fiddleneck	Annual herb	X				
<i>Anaphalis margaritacea</i>	pearly everlasting	Perennial herb	X			X	
<i>Ancistrocarphus filagineus</i>	woolly fishhooks	Annual herb				X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Andropogon glomeratus</i> var. <i>scabriglumis</i>	southwestern bushy bluestem	Perennial herb		X			
<i>Antirrhinum cornutum</i>	Spurred snapdragon	Annual herb				X	
<i>Antirrhinum vexillo-calyculatum</i> ssp. <i>breweri</i>	Brewer's sail-flower snapdragon	Annual herb		X		X	
<i>Aphanes occidentalis</i>	Western Lady's Mantle	Annual, Perennial herb	X			X	
<i>Apiastrum angustifolium</i>	mock parsley	Annual herb	X				
<i>Apocynum androsaemifolium</i>	bitter dogbane	Perennial herb				X	
<i>Apocynum cannabinum</i>	Indianhemp dogbane	Perennial herb	X			X	
<i>Arabis breweri</i>	Brewer's rock-cress	Perennial herb				X	
<i>Arabis glabra</i>	towermustard rockcress	Perennial herb	X			X	
<i>Arabis sparsiflora</i>	sicklepod rockcress	Perennial herb				X	
<i>Aralia californica</i>	elk's clover	Perennial herb	X	X		X	
<i>Arbutus menziesii</i>	madrone	Tree				X	
<i>Arctostaphylos manzanita</i>	common manzanita	Shrub		X		X	
<i>Arctostaphylos viscida</i>	whiteleaf manzanita	Tree, Shrub		X		X	
<i>Arctostaphylos viscida</i> ssp. <i>viscida</i>	smooth white-leaf manzanita	Tree, Shrub		X		X	
<i>Aristida divaricata</i>	spreading threeawn	Perennial herb	X				
<i>Aristida oligantha</i>	oldfield three-awn	Annual herb	X			X	
<i>Aristida ternipes</i> var. <i>hamulosa</i>	hook three-awn	Perennial herb	X				
<i>Aristolochia californica</i>	Dutchman's pipe	Vine, Shrub		X		X	
<i>Artemisia douglasiana</i>	Douglas' sagewort	Perennial herb	X	X		X	
<i>Artemisia dracunculus</i>	wild tarragon	Perennial herb	X			X	
<i>Asclepias cordifolia</i>	heart-leaf milkweed	Perennial herb				X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Asclepias eriocarpa</i>	Kotolo milkweed	Perennial herb	X			X	
<i>Asclepias erosa</i>	desert milkweed	Perennial herb	X				
<i>Asclepias fascicularis</i>	narrow-leaf milkweed	Perennial herb	X			X	
<i>Asclepias vestita</i>	milkweed	Perennial herb	X				
<i>Aspidotis californica</i>	California lace-fern	Fern	X			X	
<i>Aspidotis carlotta-halliae</i>	Carlotta Hall's lace fern	Fern (rhizomatous)				X	
<i>Aspidotis densa</i>	Indian's dream	Fern				X	
<i>Aster chilensis</i>	common California aster	Perennial herb	X	X	X	X	
<i>Aster eatonii</i>	Eaton's aster	Perennial herb				X	
<i>Aster lentus</i>	Suisun Marsh aster	Perennial herb (rhizomatous)			X		
<i>Aster radulinus</i>	rough-leaved aster	Perennial herb				X	
<i>Aster subulatus</i> var. <i>ligulatus</i>	annual water-aster	Annual herb	X				
<i>Astragalus accidens</i>	Rogue River milkvetch	Perennial herb				X	
<i>Astragalus accidens</i> var. <i>hendersonii</i>	Henderson's milk-vetch	Perennial herb				X	
<i>Astragalus asymmetricus</i>	San Joaquin milk-vetch	Perennial herb	X				
<i>Astragalus californicus</i>	Klamath Basin milkvetch	Perennial herb				X	
<i>Astragalus didymocarpus</i>	two-seeded milkvetch	Annual herb	X				
<i>Astragalus douglasii</i>	Jacumba milkvetch	Perennial herb	X				
<i>Astragalus gambelianus</i>	Gambel's dwarf milk-vetch	Annual herb				X	
<i>Astragalus lentiginosus</i>	specklepod loco milkvetch	Annual, Perennial herb	X			X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Astragalus oxyphysus</i>	Mt. Diablo milk-vetch	Perennial herb	X				
<i>Astragalus pauperculus</i>	depauperate milk-vetch	Annual herb	X			X	
<i>Astragalus rattanii</i>	Rattan's milk-vetch	Annual herb				X	
<i>Astragalus rattanii</i> var. <i>jepsonianus</i>	Jepson's milk-vetch	Annual herb				X	
<i>Astragalus tener</i>	alkali milk-vetch	Annual herb	X				
<i>Astragalus whitneyi</i>	balloonpod milkvetch	Perennial herb				X	
<i>Athysanus pusillus</i>	common sandweed	Annual herb	X			X	
<i>Atriplex canescens</i>	shadscale	Shrub	X	X			
<i>Atriplex cordulata</i>	heartscale	Annual herb	X				
<i>Atriplex coronata</i>	crownscale	Annual herb	X				
<i>Atriplex fruticulosa</i>	valley saltbush	Perennial herb	X				
<i>Atriplex lentiformis</i>	big saltbush	Shrub	X				
<i>Atriplex serenana</i>	Tractscale	Annual herb	X				
<i>Atriplex vallicola</i>	Lost Hills saltbush	Annual herb	X				
<i>Azolla mexicana</i>	Mexican mosquito fern	Fern			X		
<i>Baccharis douglasii</i>	saltmarsh baccharis	Perennial herb				X	
<i>Baccharis pilularis</i>	dwarf chaparral broom	Shrub		X		X	
<i>Baccharis salicifolia</i>	mulefat	Shrub	X			X	
<i>Balsamorhiza deltoidea</i>	Balsam deltoid	Perennial herb	X			X	
<i>Balsamorhiza macrolepis</i>	California balsamroot	Perennial herb	X			X	
<i>Balsamorhiza macrolepis</i> var. <i>macrolepis</i>	California balsamroot	Perennial herb				X	
<i>Beckmannia syzigachne</i>	sloughgrass	Annual herb	X				
<i>Berberis aquifolium</i> var. <i>dictyota</i>	Shining netvein barberry	Shrub				X	



**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Bergia texana</i>	Texas bergia	Annual herb	X				
<i>Berula erecta</i>	cutleaf water-parsnip	Perennial herb	X	X		X	
<i>Blennosperma nanum</i>	common blennosperma	Annual herb	X			X	
<i>Blepharizonia plumosa</i>	big tarweed	Annual herb	X				
<i>Bloomeria crocea</i>	common goldenstar	Perennial herb	X				
<i>Boerhavia coccinea</i>	scarlet spiderling	Perennial herb	X				
<i>Boschniakia strobilacea</i>	California groundcone	Perennial herb (parasitic)	X			X	
<i>Botrychium crenulatum</i>	scalloped moonwort	Fern (rhizomatous)			X		
<i>Boykinia occidentalis</i>	Brook Foam	Perennial herb		X			
<i>Brickellia californica</i>	brickell bush	Perennial herb	X			X	
<i>Brodiaea appendiculata</i>	Hoover's brodiaea	Perennial herb	X			X	
<i>Brodiaea californica</i>	California brodiaea	Perennial herb	X			X	
<i>Brodiaea coronaria</i>	early harvest brodiaea	Perennial herb (bulb)	X			X	
<i>Brodiaea elegans</i>	Harvest brodiaea	Perennial herb	X			X	
<i>Brodiaea elegans ssp. hooveri</i>	Hoover's brodiaea	Perennial herb	X				
<i>Brodiaea minor</i>	low brodiaea	Perennial herb	X			X	
<i>Brodiaea purdyi</i>	Sierra brodiaea	Perennial herb				X	
<i>Brodiaea terrestris ssp. terrestris</i>	dwarf brodiaea	Perennial herb	X				
<i>Bromus arizonicus</i>	Arizona brome	Annual herb	X				
<i>Bromus carinatus</i>	California brome grass	Annual herb	X			X	
<i>Bromus carinatus var. carinatus</i>	Mountain Brome	Perennial herb	X			X	
<i>Bromus laevipes</i>	woodland brome	Annual, Perennial herb	X			X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Bromus vulgaris</i>	common brome	Annual herb	X			X	
<i>Calandrinia ciliata</i>	red-maids	Annual herb	X			X	
<i>Callitriche marginata</i>	water starwort	Annual herb (aquatic)	X	X		X	
<i>Calochortus albus</i>	White Globe Lily	Perennial herb				X	
<i>Calochortus argillosus</i>	clay mariposa lily	Perennial herb (bulb)	X				
<i>Calochortus clavatus</i>	clubhair mariposa lily	Perennial herb				X	
<i>Calochortus luteus</i>	yellow mariposa lily	Perennial herb	X			X	
<i>Calochortus monophyllus</i>	yellow star tulip	Perennial herb				X	
<i>Calochortus superbus</i>	yellow mariposa	Perennial herb	X			X	
<i>Calochortus venustus</i>	butterfly mariposa	Perennial herb	X			X	
<i>Calycadenia fremontii</i>	Klamath calycadenia	Annual herb	X			X	
<i>Calycadenia multiglandulosa</i>	sticky calycadenia	Annual herb	X			X	
<i>Calycadenia oppositifolia</i>	Butte County calycadenia	Annual herb	X			X	
<i>Calycadenia spicata</i>	spiked western rosinweed	Annual herb	X			X	
<i>Calycadenia truncata</i>	rosin weed	Annual herb				X	
<i>Calycanthus occidentalis</i>	sweet-shrub	Shrub				X	
<i>Calystegia collina</i> ssp. <i>venusta</i>	south coast range morning-glory	Perennial herb (rhizomatous)	X				
<i>Calystegia malacophylla</i>	Sierra false bindweed	Perennial herb				X	
<i>Calystegia occidentalis</i>	chaparral false bindweed	Perennial herb				X	
<i>Calystegia occidentalis</i> ssp. <i>fulcrata</i>	chaparral false bindweed	Perennial herb				X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Calystegia occidentalis</i> ssp. <i>occidentalis</i>	western morning-glory	Perennial herb				X	
<i>Camissonia boothii</i>	Booth's evening-primrose	Annual herb	X				
<i>Camissonia californica</i>	California sun-cup	Annual herb	X				
<i>Camissonia graciliflora</i>	hill suncup	Annual herb	X			X	
<i>Camissonia lacustris</i>	lakebed sun-cup	Annual herb	X			X	
<i>Cardamine californica</i>	milk maids	Perennial herb				X	
<i>Cardamine oligosperma</i>	Bitter-cress	Annual, Perennial herb		X		X	
<i>Carex angustata</i>	wide-fruit sedge	Perennial herb				X	
<i>Carex athrostachya</i>	slender-beak sedge	Perennial herb				X	
<i>Carex barbarae</i>	valley sedge	Perennial herb	X			X	
<i>Carex densa</i>	dense sedge	Perennial herb	X			X	
<i>Carex dudleyi</i>	Dudley's sedge	Perennial herb	X	X		X	
<i>Carex feta</i>	greensheath sedge	Perennial herb				X	
<i>Carex gracilior</i>	slender sedge	Perennial herb				X	
<i>Carex hassei</i>	Hasse's Sedge	Perennial herb		X		X	
<i>Carex hirtissima</i>	fuzzy sedge	Perennial herb				X	
<i>Carex limosa</i>	shore sedge	Perennial herb (rhizomatous)			X		
<i>Carex nudata</i>	Dudley's sedge	Perennial herb		X		X	
<i>Carex praegracilis</i>	clustered field sedge	Perennial herb	X				
<i>Carex senta</i>	swamp carex	Perennial herb		X		X	
<i>Carex serratodens</i>	two-tooth sedge	Perennial herb				X	
<i>Carex simulata</i>	analogue sedge	Perennial herb	X	X		X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Carex spissa</i>	San Diego sedge	Perennial herb		X			
<i>Carex stipata</i> var. <i>stipata</i>	awl-fruited sedge	Perennial herb		X		X	
<i>Carex subfusca</i>	Rusty Slender Sedge	Perennial herb				X	
<i>Carex vulpinoidea</i>	fox sedge	Perennial herb			X		
<i>Castilleja attenuata</i>	valley tassels	Annual herb	X			X	
<i>Castilleja campestris</i>	vernal pool Indian paintbrush	Annual herb	X			X	
<i>Castilleja densiflora</i>	dense-flower owl's-clover	Annual herb				X	
<i>Castilleja exserta</i>	purple owl's-clover	Annual herb	X			X	
<i>Castilleja foliolosa</i>	Woolly Paintbrush	Perennial herb	X			X	
<i>Castilleja lacera</i>	Cut-leaved owl's clover	Annual herb				X	
<i>Castilleja lineariloba</i>	thin-lobed owl's clover	Annual herb	X			X	
<i>Castilleja minor</i> ssp. <i>spiralis</i>	lesser paintbrush	Annual herb	X				
<i>Castilleja rubicundula</i> ssp. <i>lithospermoides</i>	cream sacs	Annual herb	X			X	
<i>Castilleja subinclusa</i>	Franciscan Paint Brush	Perennial herb				X	
<i>Caulanthus californicus</i>	California jewelflower	Annual herb	X				
<i>Caulanthus coulteri</i>	Coulter's jewel-flower	Annual herb	X				
<i>Caulanthus inflatus</i>	desert candle	Annual herb	X				
<i>Ceanothus integerrimus</i>	deerbrush	Shrub				X	
<i>Ceanothus lemmonii</i>	Lemmon's ceanothus	Shrub				X	
<i>Ceanothus tomentosus</i>	woollyleaf ceanothus	Shrub				X	
<i>Centaurea melitensis</i> *	tocalote	Annual herb					X
<i>Centaureum muehlenbergii</i>	Muhlenberg's centaury	Annual herb	X			X	
<i>Centaureum venustum</i>	canchalagua	Annual herb	X			X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Centunculus minimus</i>	chaffweed	Annual herb		X		X	
<i>Cephalanthus occidentalis</i> var. <i>californicus</i>	Button bush	Shrub	X			X	
<i>Cercis occidentalis</i>	Redbud	Tree, Shrub				X	
<i>Cercocarpus betuloides</i>	Mountain mahogany	Tree, Shrub				X	
<i>Chaenactis fremontii</i>	pincushion flower	Annual herb	X				
<i>Chaenactis glabriuscula</i>	common yellow chaenactis	Annual herb	X			X	
<i>Chamaesyce hooveri</i>	Hoover's sandmat	Annual herb			X		
<i>Chamaesyce ocellata</i>	Contura Creek spurge	Annual herb	X			X	
<i>Chamaesyce serpyllifolia</i>	thyme-leaved spurge	Annual herb	X			X	
<i>Cheilanthes cooperae</i>	Mrs. Cooper's lipfern	Fern				X	
<i>Chenopodium californicum</i>	California goosefoot	Perennial herb	X			X	
<i>Chlorogalum angustifolium</i>	narrowleaf soap plant	Perennial herb	X			X	
<i>Chlorogalum parviflorum</i>	small-flowered soaproot	Perennial herb	X				
<i>Chlorogalum pomeridianum</i>	Soap plant	Perennial herb	X			X	
<i>Chorispora tenella</i> *	crossflower	Annual herb					X
<i>Chorizanthe membranacea</i>	pink spineflower	Annual herb	X			X	
<i>Chorizanthe polygonoides</i>	knotweed spineflower	Annual herb	X			X	
<i>Chorizanthe stellulata</i>	starlet spineflower	Annual herb				X	
<i>Chorizanthe uniaristata</i>	one-awn spineflower	Annual herb	X				
<i>Chrysothamnus nauseosus</i>	Mohave Rubberbrush	Shrub				X	
<i>Cicendia quadrangularis</i>	common microcalis	Annual herb	X			X	
<i>Cicuta douglasii</i>	Western Water-Hemlock	Perennial herb	X	X		X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Cirsium cymosum</i>	peregrine thistle	Perennial herb				X	
<i>Cirsium occidentale</i> var. <i>candidissimum</i>	snowy thistle	Perennial herb	X			X	
<i>Clarkia arcuata</i>	glandular fairyfan	Annual herb				X	
<i>Clarkia biloba</i>	two-lobed clarkia	Annual herb				X	
<i>Clarkia biloba</i> ssp. <i>brandegeae</i>	Brandegee's clarkia	Annual herb				X	
<i>Clarkia concinna</i>	red ribbons	Annual herb				X	
<i>Clarkia cylindrica</i>	speckled clarkia	Annual herb	X				
<i>Clarkia cylindrica</i> ssp. <i>cylindrica</i>	speckled clarkia	Annual herb	X				
<i>Clarkia gracilis</i>	FarewelltoSpring	Annual herb				X	
<i>Clarkia gracilis</i> ssp. <i>albicaulis</i>	whitestem clarkia	Annual herb				X	
<i>Clarkia mosquinii</i> ssp. <i>mosquinii</i>	Mosquin's clarkia	Annual herb				X	
<i>Clarkia mosquinii</i> ssp. <i>xerophylla</i>	Mosquin's clarkia	Annual herb				X	
<i>Clarkia prostrata</i>	prostrate clarkia	Annual herb	X				
<i>Clarkia purpurea</i>	purple clarkia	Annual herb	X			X	
<i>Clarkia rhomboidea</i>	Rhomboid Farewell to Spring	Annual herb				X	
<i>Clarkia unguiculata</i>	elegant clarkia	Annual herb	X			X	
<i>Claytonia exigua</i>	serpentine springbeauty	Annual herb	X			X	
<i>Claytonia exigua</i> ssp. <i>exigua</i>	little spring beauty	Annual herb	X			X	
<i>Claytonia palustris</i>	marsh claytonia	Perennial herb			X		
<i>Claytonia perfoliata</i>	miner's lettuce	Annual herb				X	
<i>Clematis lasiantha</i>	chaparral clematis	Perennial herb, Vine		X			
<i>Clematis ligusticifolia</i>	Virgin's bower	Perennial herb, Vine	X	X		X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Collinsia bartsiiifolia</i>	white collinsia	Annual herb	X			X	
<i>Collinsia heterophylla</i>	purple Chinese houses	Annual herb	X			X	
<i>Collinsia sparsiflora</i>	few-flowered collinsia	Annual herb	X			X	
<i>Collinsia tinctoria</i>	sticky Chinese houses	Annual herb				X	
<i>Collomia grandiflora</i>	large-flowered collomia	Annual herb	X			X	
<i>Collomia heterophylla</i>	varied-leaved collomia	Annual herb	X			X	
<i>Convolvulus simulans</i>	small-flowered morning-glory	Annual herb	X				
<i>Conyza coulteri</i>	Coulter's conyza	Annual herb	X				
<i>Cordylanthus pilosus</i>	hairy bird's-beak	Annual herb				X	
<i>Cordylanthus pilosus</i> ssp. <i>hansenii</i>	Hansen's bird's beak	Annual herb				X	
<i>Cordylanthus pilosus</i> ssp. <i>trifidus</i>	hairy bird's beak	Annual herb				X	
<i>Cordylanthus tenuis</i>	slender bird's beak	Annual herb				X	
<i>Cordylanthus tenuis</i> ssp. <i>tenuis</i>	slender bird's beak	Annual herb				X	
<i>Coreopsis californica</i> var. <i>californica</i>	California tickseed	Annual herb	X				
<i>Coreopsis calliopsidea</i>	leafy-stemmed coreopsis	Annual herb	X				
<i>Coreopsis stillmanii</i>	Stillman's coreopsis	Annual herb	X			X	
<i>Coreopsis wrightii</i> *	rock tickseed	Annual herb	X				
<i>Cornus glabrata</i>	brown dogwood	Tree, Shrub	X	X		X	
<i>Cornus sericea</i> ssp. <i>occidentalis</i>	western dogwood	Shrub	X	X		X	
<i>Corylus cornuta</i> var. <i>californica</i>	California Hazel	Shrub	X			X	
<i>Crassula aquatica</i>	Pigmy-weed	Annual herb	X	X		X	
<i>Crassula connata</i>	pygmy weed	Annual herb	X	X		X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Cressa truxillensis</i>	alkali weed	Perennial herb	X	X		X	
<i>Cryptantha crinita</i>	silky cryptantha	Annual herb	X				
<i>Cryptantha flaccida</i>	flaccid cryptantha	Annual herb	X			X	
<i>Cryptantha hooveri</i>	Hoover's cryptantha	Annual herb	X				
<i>Cryptantha intermedia</i>	Clearwater cryptantha	Annual herb				X	
<i>Cryptantha muricata</i>	Prickly Popcorn Flower	Annual herb	X			X	
<i>Cryptantha oxygona</i>	sharp-nut cryptantha	Annual herb	X				
<i>Cryptantha rostellata</i>	beaked cryptantha	Annual herb	X			X	
<i>Cryptantha torreyana</i>	Torrey's Cryptantha	Annual herb				X	
<i>Cucurbita foetidissima</i>	Missouri gourd	Perennial herb, Vine	X				
<i>Cucurbita palmata</i>	coyote gourd	Annual, Perennial herb	X				
<i>Cupressus macnabiana</i>	MacNab's cypress	Tree, Shrub				X	
<i>Cuscuta californica</i>	chaparral dodder	Annual herb, Vine (parasitic)	X			X	
<i>Cuscuta californica</i> var. <i>breviflora</i>	San Joaquin Dodder	Annual herb, Vine (parasitic)				X	
<i>Cuscuta subinclusa</i>	canyon dodder	Annual herb, Vine (parasitic)	X			X	
<i>Cynoglossum grande</i>	Western houndstongue	Perennial herb				X	
<i>Cyperus niger</i>	Black Cyperus	Perennial herb				X	
<i>Cyperus strigosus</i>	false nutsedge	Perennial herb	X			X	
<i>Cypripedium californicum</i>	California lady's-slipper	Perennial herb (rhizomatous)			X		
<i>Cystopteris fragilis</i>	brittle bladderfern	Fern	X			X	



**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Damasonium californicum</i>	California damsonium	Perennial herb (aquatic)	X			X	
<i>Darlingtonia californica</i>	California pitcherplant	Perennial herb (carnivorous)			X		
<i>Datisca glomerata</i>	Durango root	Perennial herb		X		X	
<i>Datura wrightii</i>	toluaca	Perennial herb	X				
<i>Daucus pusillus</i>	rattlesnake weed	Annual herb	X			X	
<i>Delphinium gracilentum</i>	pine forest larkspur	Perennial herb				X	
<i>Delphinium gypsophilum</i>	Pinoche Creek larkspur	Perennial herb	X				
<i>Delphinium hansenii</i>	Hansen's larkspur	Perennial herb				X	
<i>Delphinium hesperium</i>	western larkspur	Perennial herb				X	
<i>Delphinium nudicaule</i>	red larkspur	Perennial herb				X	
<i>Delphinium parryi</i>	San Bernardino larkspur	Perennial herb	X				
<i>Delphinium patens</i>	spreading larkspur	Perennial herb				X	
<i>Delphinium recurvatum</i>	Byron larkspur	Perennial herb				X	
<i>Delphinium variegatum</i>	royal larkspur	Perennial herb	X				
<i>Deschampsia cespitosa</i>	Tufted Hairgrass	Perennial herb			X		
<i>Deschampsia danthonioides</i>	annual hairgrass	Annual herb	X	X		X	
<i>Deschampsia elongata</i>	Hairgrass	Perennial herb				X	
<i>Descurainia pinnata</i>	western tansymustard	Annual herb	X			X	
<i>Dicentra formosa</i>	bleeding heart	Perennial herb				X	
<i>Dichelostemma congestum</i>	ookow	Perennial herb				X	
<i>Dichelostemma multiflorum</i>	wild hyacinth	Perennial herb				X	
<i>Distichlis spicata</i>	Saltgrass	Perennial herb	X				
<i>Dodecatheon clevelandii</i>	padre's shootingstar	Perennial herb	X			X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Dodecatheon hendersonii</i>	mosquito bills	Perennial herb	X			X	
<i>Downingia bicornuta</i>	bristled downingia	Annual herb	X			X	
<i>Downingia cuspidata</i>	toothed calicoflower	Annual herb				X	
<i>Downingia insignis</i>	harlequin downingia	Annual herb	X				
<i>Downingia ornatissima</i>	folded calicoflower	Annual herb	X			X	
<i>Downingia pulchella</i>	flatface calicoflower	Annual herb	X				
<i>Downingia pusilla</i>	dwarf downingia	Annual herb	X				
<i>Dudleya cymosa</i>	canyon dudleya	Perennial herb				X	
<i>Eastwoodia elegans</i>	Eastwoodia	Shrub	X				
<i>Echinodorus berteroi</i>	burhead	Perennial herb (aquatic)			X		
<i>Eclipta prostrata</i>	false daisy	Annual herb			X		
<i>Elatine ambigua*</i>	Asian waterwort	Annual herb					X
<i>Elatine chilensis</i>	Chilean waterwort	Annual, Perennial herb (aquatic)	X	X		X	
<i>Elatine gracilis</i>	Sierra waterwort	Annual, Perennial herb (aquatic)	X	X		X	
<i>Eleocharis acicularis</i>	Spike-rush	Perennial herb	X				
<i>Eleocharis pachycarpa*</i>	black sand spikerush	Perennial herb				X	
<i>Eleocharis quadrangulata</i>	four-angled spikerush	Perennial herb			X		
<i>Elymus elymoides</i>	Bottlebrush Squirreltail	Perennial herb	X			X	
<i>Elymus glaucus</i>	blue wildrye	Perennial herb	X			X	
<i>Elymus multisetus</i>	big squirreltail	Perennial herb	X			X	
<i>Epilobium brachycarpum</i>	Panicled Willow-herb	Annual herb	X			X	
<i>Epilobium ciliatum</i>	Northern Willow-herb	Perennial herb	X	X		X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Epilobium cleistogamum</i>	cleistogamous boisduvalia	Annual herb	X			X	
<i>Epilobium densiflorum</i>	Dense-flowered Boisduvalia	Annual herb	X			X	
<i>Epilobium minutum</i>	chaparral willowherb	Annual herb				X	
<i>Epilobium pallidum</i>	largeflower spike-primrose	Annual herb				X	
<i>Epilobium pygmaeum</i>	smooth spike-primrose	Annual herb	X	X		X	
<i>Epilobium torreyi</i>	Narrow-Leaved Boisduvalia	Annual herb	X			X	
<i>Epipactis gigantea</i>	stream orchid	Perennial herb	X	X		X	
<i>Equisetum arvense</i>	Common Horsetail	Fern	X	X		X	
<i>Equisetum hyemale</i> ssp. <i>affine</i>	common scouring rush	Fern	X	X		X	
<i>Equisetum laevigatum</i>	Horsetail	Fern	X	X		X	
<i>Equisetum telmateia</i> ssp. <i>braunii</i>	giant horse tail	Fern	X	X		X	
<i>Eremalche parryi</i> ssp. <i>parryi</i>	Parry's mallow	Annual herb	X				
<i>Eremocarpus setigerus</i>	Turkey Mullein	Annual herb	X			X	
<i>Eriastrum pluriflorum</i>	many-flowered eriastrum	Annual herb	X				
<i>Ericameria arborescens</i>	golden fleece	Shrub				X	
<i>Erigeron divergens</i>	spreading fleabane	Perennial, Biennial herb				X	
<i>Erigeron foliosus</i>	leafy fleabane	Perennial herb				X	
<i>Erigeron inornatus</i>	rayless fleabane	Perennial herb				X	
<i>Erigeron petrophilus</i>	cliff fleabane	Perennial herb				X	
<i>Erigeron petrophilus</i> var. <i>sierrensis</i>	Sierra erigeron	Perennial herb (rhizomatous)				X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Erigeron philadelphicus</i>	Philadelphia fleabane	Perennial herb	X	X		X	
<i>Eriochloa acuminata</i> var. <i>acuminata</i>	tapertip cupgrass	Annual herb					X
<i>Eriodictyon californicum</i>	Yerba Santa	Shrub				X	
<i>Eriogonum angulosum</i>	anglestem buckwheat	Annual herb	X				
<i>Eriogonum dasyanthemum</i>	chaparral buckwheat	Annual herb	X				
<i>Eriogonum elegans</i>	elegant buckwheat	Annual herb	X				
<i>Eriogonum fasciculatum</i>	California buckwheat	Shrub	X				
<i>Eriogonum gracillimum</i>	Slender-stemmed Buckwheat	Annual herb	X				
<i>Eriogonum hirtiflorum</i>	hairyflower buckwheat	Annual herb				X	
<i>Eriogonum nudum</i>	Nude Buckwheat	Shrub	X			X	
<i>Eriogonum nudum</i> var. <i>pubiflorum</i>	naked buckwheat	Annual herb				X	
<i>Eriogonum roseum</i>	wand buckwheat	Annual herb				X	
<i>Eriogonum umbellatum</i>	sulphur buckwheat	Perennial herb				X	
<i>Eriogonum wrightii</i>	bastardsage	Perennial herb, Shrub				X	
<i>Eriophyllum confertiflorum</i>	Yellow Yarrow	Shrub	X			X	
<i>Eriophyllum lanatum</i>	common woolly sunflower	Perennial herb	X			X	
<i>Erodium brachycarpum</i> *	shortfruit stork's bill	Annual herb	X			X	
<i>Erodium cicutarium</i> *	redstem filaree	Annual herb					X
<i>Erodium macrophyllum</i>	large-leaved filaree	Annual herb	X			X	
<i>Eryngium aristulatum</i>	Jepson's button-celery	Perennial herb		X		X	
<i>Eryngium articulatum</i>	beethistle	Perennial herb			X		
<i>Eryngium vaseyi</i>	coyote-thistle	Perennial herb	X				

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Erysimum capitatum</i>	sanddune wallflower	Perennial herb	X			X	
<i>Erythronium multiscapoideum</i>	Sierra fawn lily	Perennial herb				X	
<i>Eschscholzia caespitosa</i>	Tufted Poppy	Annual herb	X			X	
<i>Eschscholzia californica</i>	California poppy	Annual, Perennial herb	X			X	
<i>Eschscholzia lemmonii</i>	Lemmon's poppy	Annual herb	X				
<i>Eschscholzia lemmonii</i> ssp. <i>lemmonii</i>	Lemmon's poppy	Annual herb	X				
<i>Eschscholzia lobbii</i>	fryingpans	Annual herb	X				
<i>Euphorbia crenulata</i>	Chinese caps	Annual, Perennial herb	X			X	
<i>Euphorbia spathulata</i>	warty spurge	Annual herb	X			X	
<i>Euthamia occidentalis</i>	western goldentop	Perennial herb	X		X		
<i>Festuca elmeri</i>	Elmer fescue	Perennial herb				X	
<i>Festuca idahoensis</i>	Idaho fescue	Perennial herb	X			X	
<i>Festuca rubra</i>	red fescue	Perennial herb	X			X	
<i>Filago californica</i>	California herba impia	Annual herb	X			X	
<i>Fraxinus dipetala</i>	California ash	Tree, Shrub				X	
<i>Fraxinus latifolia</i>	Oregon ash	Tree	X	X		X	
<i>Fritillaria affinis</i>	Mission Bells	Perennial herb (bulb)				X	
<i>Fritillaria biflora</i>	chocolate lily	Perennial herb	X				
<i>Fritillaria eastwoodiae</i>	Butte County fritillary	Perennial herb (bulb)				X	
<i>Fritillaria pluriflora</i>	adobe-lily	Perennial herb (bulb)	X			X	
<i>Fritillaria recurva</i>	scarlet fritillary	Perennial herb				X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Fritillaria striata</i>	striped adobe-lily	Perennial herb (bulb)	X				
<i>Galium bolanderi</i>	Bolander's bedstraw	Perennial herb				X	
<i>Galium catalinense</i> ssp. <i>acrispum</i>	San Clemente Island bedstraw	Shrub	X				
<i>Galium mexicanum</i>	Mexican bedstraw	Perennial herb				X	
<i>Galium mexicanum</i> var. <i>asperulum</i>	Mexican bedstraw	Perennial herb				X	
<i>Galium trifidum</i>	threepetal bedstraw	Perennial herb	X	X		X	
<i>Galium triflorum</i>	bedstraw	Annual herb	X			X	
<i>Garrya congdonii</i>	Interior silktassel	Shrub				X	
<i>Geranium carolinianum</i>	Carolina geranium	Annual herb	X	X		X	
<i>Gilia capitata</i>	Blue Field Gilia	Annual herb				X	
<i>Gilia clivorum</i>	many-stemmed gilia	Annual herb	X				
<i>Gilia minor</i>	little gilia	Annual herb	X				
<i>Gilia tenuiflora</i>	slender-flowered gilia	Annual herb	X				
<i>Gilia tricolor</i>	Tricolor gilia	Annual herb	X			X	
<i>Githopsis pulchella</i>	Sierra bluecup	Annual herb				X	
<i>Githopsis pulchella</i> ssp. <i>campestris</i>	Sierra bluecup	Annual herb				X	
<i>Githopsis specularioides</i>	common bluecup	Annual herb	X			X	
<i>Glyceria occidentalis</i>	northwestern mannagrass	Perennial herb (aquatic)			X		
<i>Glycyrrhiza lepidota</i>	wild licorice	Perennial herb	X	X		X	
<i>Gnaphalium californicum</i>	California cudweed	Annual, Perennial herb				X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Gnaphalium canescens</i> ssp. <i>microcephalum</i>	white everlasting	Perennial herb	X			X	
<i>Gnaphalium palustre</i>	western marsh cudweed	Annual herb	X			X	
<i>Gnaphalium stramineum</i>	Chilean cudweed	Annual, Perennial herb	X			X	
<i>Gratiola ebracteata</i>	bractless hedgehyssop	Annual herb	X	X		X	
<i>Grindelia camporum</i> var. <i>camporum</i>	Great Valley gumweed	Perennial herb	X				
<i>Grindelia hirsutula</i>	hairy gumweed	Perennial herb				X	
<i>Grindelia nana</i>	Idaho resinweed	Perennial herb				X	
<i>Guillenia flavescens</i>	yellow mustard	Annual herb	X				
<i>Guillenia lasiophylla</i>	California mustard	Annual herb	X			X	
<i>Guillenia lemmonii</i>	Lemmon's mustard	Annual herb	X				
<i>Helenium puberulum</i>	Sneezeweed	Perennial herb	X				
<i>Helianthella californica</i>	California helianthella	Perennial herb	X			X	
<i>Helianthus bolanderi</i>	serpentine sunflower	Annual, Perennial herb				X	
<i>Helianthus californicus</i>	California sunflower	Perennial herb	X				
<i>Helianthus exilis</i>	serpentine sunflower	Annual herb				X	
<i>Heliotropium curassavicum</i>	Heliotrope	Perennial herb	X	X		X	
<i>Hemizonia congesta</i>	hayfield tarweed	Annual herb	X			X	
<i>Hemizonia congesta</i> ssp. <i>clevelandii</i>	hayfield tarweed	Annual herb	X			X	
<i>Hemizonia congesta</i> ssp. <i>congesta</i>	hayfield tarweed	Annual herb	X				
<i>Hemizonia congesta</i> ssp. <i>luzulifolia</i>	hayfield tarweed	Annual herb	X			X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Hemizonia fasciculata</i>	clustered tarweed	Annual herb	X				
<i>Hemizonia fitchii</i>	Fitch's tarweed	Annual herb	X			X	
<i>Hemizonia kelloggii</i>	Kellogg's tarweed	Annual herb	X				
<i>Hemizonia lobbii</i>	Lobb's tarweed	Annual herb	X				
<i>Hemizonia pallida</i>	Kern tarweed	Annual herb	X				
<i>Hemizonia paniculata</i>	San Diego tarweed	Annual herb	X				
<i>Hemizonia parryi</i>	Parry spikeweed	Annual herb	X				
<i>Hemizonia pentactis</i>	Salinas River tarweed	Annual herb	X				
<i>Hemizonia pungens</i>	common spikeweed	Annual herb	X				
<i>Heracleum lanatum</i>	cow parsnip	Perennial herb	X			X	
<i>Hesperovax acaulis</i>	dwarf evax	Annual herb	X			X	
<i>Hesperovax caulescens</i>	dwarf dwarf-cudweed	Annual herb	X			X	
<i>Hesperochiron pumilus</i>	dwarf hesperochiron	Perennial herb				X	
<i>Hesperolinon californicum</i>	California dwarf-flax	Annual herb				X	
<i>Hesperolinon micranthum</i>	Small-flowered Dwarf Flax	Annual herb				X	
<i>Heterocodon rariflorum</i>	rareflower heterocodon	Annual herb	X	X		X	
<i>Heterodraba unilateralis</i>	ladiestongue mustard	Annual herb	X			X	
<i>Heterotheca grandiflora</i>	telegraph weed	Annual, Perennial herb				X	
<i>Heterotheca oregona</i>	Oregon false goldenaster	Perennial herb				X	
<i>Heterotheca sessiliflora</i>	false goldenaster	Annual, Perennial herb	X				
<i>Heterotheca villosa</i>	hairy false goldenaster	Perennial herb				X	
<i>Hibiscus lasiocarpus</i>	rose-mallow	Perennial herb (rhizomatous)			X		



**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Hippuris vulgaris</i>	common mares-tail	Perennial herb (aquatic)	X	X		X	
<i>Hoita macrostachya</i>	leather root	Perennial herb	X	X		X	
<i>Hoita orbicularis</i>	Round-leaved Psoralea	Perennial herb	X	X		X	
<i>Hollisteria lanata</i>	false spineflower	Annual herb	X				
<i>Holocarpha heermannii</i>	Heermann's tarweed	Annual herb	X				
<i>Holocarpha obconica</i>	San Joaquin tarweed	Annual herb	X				
<i>Holocarpha virgata</i>	Pitgland tarweed	Annual herb	X			X	
<i>Holodiscus discolor</i>	cream bush	Shrub		X			
<i>Holozonia filipes</i>	Greene's white-crown	Perennial herb	X			X	
<i>Hordeum brachyantherum</i>	meadow barley	Perennial herb	X	X		X	
<i>Hordeum brachyantherum</i> ssp. <i>brachyantherum</i>	meadow barley	Perennial herb	X	X		X	
<i>Hordeum brachyantherum</i> ssp. <i>californicum</i>	California meadow barley	Perennial herb	X	X		X	
<i>Hutchinsia procumbens</i>	prostrate hutchinsia	Annual herb	X			X	
<i>Hydrocotyle ranunculoides</i>	floating marsh-pennywort	Perennial herb	X	X		X	
<i>Hydrocotyle umbellata</i>	marsh-pennywort	Perennial herb			X		
<i>Hydrophyllum occidentale</i>	California waterleaf	Perennial herb				X	
<i>Hypericum anagalloides</i>	tinker's penny	Annual, Perennial herb				X	
<i>Hypericum mutilum</i> *	dwarf St. Johnswort	Perennial herb			X		
<i>Iris macrosiphon</i>	long-tubed iris	Perennial herb				X	
<i>Iris tenuissima</i>	Iris	Perennial herb				X	
<i>Isopyrum occidentale</i>	western false rue anemone	Perennial herb				X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Juglans californica</i> var. <i>hindsii</i>	Walnut	Tree				X	
<i>Juncus balticus</i>	Baltic rush	Perennial herb	X	X		X	
<i>Juncus capillaris</i>	hairystem dwarf rush	Annual herb	X	X		X	
<i>Juncus dubius</i>	dubius rush	Perennial herb		X			
<i>Juncus effusus</i>	Bog Rush	Perennial herb	X	X		X	
<i>Juncus kelloggii</i>	Kellogg's dwarf rush	Annual herb	X	X		X	
<i>Juncus leiospermus</i> var. <i>ahartii</i>	Ahart's dwarf rush	Annual herb			X		
<i>Juncus leiospermus</i> var. <i>leiospermus</i>	Red Bluff dwarf rush	Annual herb			X	X	
<i>Juncus mexicanus</i>	Mexican rush	Perennial herb	X	X		X	
<i>Juncus rugulosus</i>	wrinkled rush	Perennial herb	X				
<i>Juncus tenuis</i>	poverty rush	Perennial herb		X		X	
<i>Juncus torreyi</i>	Torrey's rush	Perennial herb	X				
<i>Juncus uncialis</i>	twelfth rush	Annual herb	X			X	
<i>Juncus xiphioides</i>	irisleaf rush	Perennial herb	X	X		X	
<i>Juniperus californica</i>	California juniper	Shrub				X	
<i>Keckiella breviflora</i>	gaping keckiella	Shrub	X			X	
<i>Keckiella lemmonii</i>	Lemmon beardtongue	Shrub				X	
<i>Kochia californica</i>	Mojave red sage	Perennial herb	X				
<i>Koeleria macrantha</i>	junegrass	Perennial herb	X			X	
<i>Lagophylla dichotoma</i>	forked hareleaf	Annual herb	X			X	
<i>Lagophylla glandulosa</i>	glandular hareleaf	Annual herb	X			X	
<i>Lagophylla minor</i>	little hareleaf	Annual herb				X	
<i>Lagophylla ramosissima</i>	common hareleaf	Annual herb	X			X	
<i>Lasthenia californica</i>	California goldfields	Annual herb	X			X	
<i>Lasthenia chrysantha</i>	alkali goldfields	Annual herb	X				

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Lasthenia coronaria</i>	royal goldfields	Annual herb	X				
<i>Lasthenia debilis</i>	Greene's goldfields	Annual herb	X				
<i>Lasthenia ferrisiae</i>	alkali goldfields	Annual herb	X				
<i>Lasthenia glaberrima</i>	smooth goldfields	Annual herb	X			X	
<i>Lasthenia glabrata</i>	Yellow-rayed Lasthenia	Annual herb	X			X	
<i>Lasthenia microglossa</i>	small-rayed goldfields	Annual herb	X				
<i>Lasthenia minor</i>	Smooth Lasthenia	Annual herb	X				
<i>Lasthenia platycarpha</i>	alkali goldfields	Annual herb	X				
<i>Lathyrus jepsonii</i>	Jepson's Pea	Perennial herb	X	X	X	X	
<i>Lathyrus sulphureus</i>	Brewer's pea	Perennial herb				X	
<i>Layia chrysanthemoides</i>	smooth tidy-tips	Annual herb	X			X	
<i>Layia fremontii</i>	Fremont's tidytips	Annual herb	X			X	
<i>Layia glandulosa</i>	Yellow-rayed layia	Annual herb	X				
<i>Layia heterotricha</i>	paleyellow tidytips	Annual herb	X				
<i>Layia pentachaeta</i>	Sierra tidy-tips	Annual herb	X			X	
<i>Layia platyglossa</i>	common tidy-tips	Annual herb	X			X	
<i>Legenere limosa</i>	false Venus' looking glass	Annual herb	X				
<i>Lepechinia calycina</i>	White Pitcher Sage	Shrub				X	
<i>Lepidium dictyotum</i>	net pepper-grass	Annual herb	X				
<i>Lepidium lasiocarpum</i> var. <i>lasiocarpum</i>	hairy-podded pepper-grass	Annual herb	X				
<i>Lepidium latipes</i>	San Diego pepperweed	Annual herb	X				
<i>Lepidium latipes</i> var. <i>heckardii</i>	Heckard's pepper-grass	Annual herb	X				
<i>Lepidium latipes</i> var. <i>latipes</i>	dwarf pepper-grass	Annual herb	X				
<i>Lepidium nitidum</i>	peppergrass	Annual herb	X	X			

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Lepidium oxycarpum</i>	sharp-podded pepper-grass	Annual herb	X				
<i>Leptochloa fascicularis</i>	sprangletop	Annual herb	X				
<i>Lessingia lemmonii</i>	Lemmon's lessingia	Annual herb	X				
<i>Lessingia nana</i>	dwarf lessingia	Annual herb	X			X	
<i>Lessingia nemaclada</i>	Slender-stemmed lessingia	Annual herb				X	
<i>Lessingia virgata</i>	wand lessingia	Annual herb	X				
<i>Lewisia cantelovii</i>	Cantelow's lewisia	Perennial herb				X	
<i>Lewisia rediviva</i>	bitter root	Perennial herb				X	
<i>Leymus triticoides</i>	creeping wild-rye	Perennial herb	X	X		X	
<i>Limnanthes alba</i>	white meadowfoam	Annual herb	X			X	
<i>Limnanthes douglasii</i>	Common meadowfoam	Annual herb	X			X	
<i>Limnanthes floccosa</i>	woolly meadowfoam	Annual herb	X				
<i>Limnanthes floccosa</i> ssp. <i>californica</i>	Butte County meadowfoam	Annual herb			X		
<i>Limnanthes floccosa</i> ssp. <i>floccosa</i>	woolly meadowfoam	Annual herb				X	
<i>Limosella acaulis</i>	Owyhee mudwort	Annual herb			X		
<i>Limosella aquatica</i>	Northern Mudwort	Annual herb (aquatic)	X	X	X	X	
<i>Linanthus acicularis</i>	bristly linanthus	Annual herb				X	
<i>Linanthus ambiguus</i>	serpentine linanthus	Annual herb				X	
<i>Linanthus androsaceus</i>	False baby stars	Annual herb	X			X	
<i>Linanthus bicolor</i>	bicolor linanthus	Annual herb	X			X	
<i>Linanthus bigelovii</i>	Sigelow s Linanthus	Annual herb	X				
<i>Linanthus bolanderi</i>	Bolander's linanthus	Annual herb				X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Linanthus ciliatus</i>	whisker-brush	Annual herb	X			X	
<i>Linanthus dianthiflorus</i>	fringed linanthus	Annual herb	X				
<i>Linanthus dichotomus</i>	eveningsnow	Annual herb	X			X	
<i>Linanthus filipes</i>	filiform linanthus	Annual herb	X			X	
<i>Linanthus liniflorus</i>	flax-flowered linanthus	Annual herb	X			X	
<i>Linaria canadensis</i>	toadflax	Annual, Perennial herb	X			X	
<i>Lindernia dubia</i> var. <i>anagallidea</i>	yellowseed false pimpernel	Annual herb			X		
<i>Linum lewisii</i>	Western Blue Flax	Perennial herb				X	
<i>Linum lewisii</i> var. <i>alpicola</i>	prairie flax	Perennial herb				X	
<i>Linum lewisii</i> var. <i>lewisii</i>	prairie flax	Perennial herb				X	
<i>Lipocarpa micrantha</i>	smallflower halfchaff sedge	Annual herb	X			X	
<i>Lithophragma bolanderi</i>	Bolander's woodland star	Perennial herb				X	
<i>Lithophragma campanulatum</i>	Siskiyou Mountain woodland-star	Perennial herb				X	
<i>Lithophragma heterophyllum</i>	hillside woodland-star	Perennial herb				X	
<i>Lithophragma parviflorum</i> var. <i>trifoliatum</i>	prairie woodland star	Perennial herb				X	
<i>Lithophragma tenellum</i>	slender woodland star	Perennial herb	X			X	
<i>Lithospermum californicum</i>	California stoneseed	Perennial herb				X	
<i>Loeflingia squarrosa</i>	spreading loeflingia	Annual herb	X				
<i>Lomatium caruifolium</i>	caraway-leaved lomatium	Perennial herb				X	
<i>Lomatium caruifolium</i> var. <i>denticulatum</i>	caraway-leaved lomatium	Perennial herb	X			X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Lomatium dasycarpum</i>	woolly-fruited lomatium	Perennial herb	X			X	
<i>Lomatium macrocarpum</i>	bigseed biscuitroot	Perennial herb				X	
<i>Lomatium marginatum</i>	Tall hog-fennel	Perennial herb	X			X	
<i>Lomatium marginatum</i> var. <i>marginatum</i>	Hartweg's lomatium	Perennial herb	X			X	
<i>Lomatium marginatum</i> var. <i>purpureum</i>	butte desertparsley	Perennial herb	X				
<i>Lomatium utriculatum</i>	common lomatium	Perennial herb	X			X	
<i>Lonicera hispidula</i> var. <i>vacillans</i>	hairy honeysuckle	Vine, Shrub				X	
<i>Lonicera interrupta</i>	chaparral honeysuckle	Vine, Shrub				X	
<i>Lotus argophyllus</i>	silver birds-foot trefoil	Perennial herb				X	
<i>Lotus denticulatus</i>	riverbar bird's-foot trefoil	Annual herb				X	
<i>Lotus grandiflorus</i>	chaparral bird's-foot trefoil	Perennial herb				X	
<i>Lotus heermannii</i>	Woolly Lotusl	Perennial herb	X				
<i>Lotus humistratus</i>	Short-podded Lotus or Colchita	Annual herb	X			X	
<i>Lotus micranthus</i>	small-flowered lotus	Annual herb	X			X	
<i>Lotus nevadensis</i> var. <i>nevadensis</i>	Nevada bird's-foot trefoil	Perennial herb				X	
<i>Lotus oblongifolius</i>	Streambank Lotus	Perennial herb		X			
<i>Lotus pinnatus</i>	pinnate-leaved lotus	Perennial herb				X	
<i>Lotus purshianus</i> var. <i>purshianus</i>	Spanish clover	Annual herb	X			X	
<i>Lotus salsuginosus</i>	coastal lotus	Annual herb				X	
<i>Lotus strigosus</i>	Hairy Lotus	Annual herb	X			X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Lotus wrangelianus</i>	Chilean bird's-foot trefoil	Annual herb	X			X	
<i>Lupinus adsurgens</i>	Drew's silky lupine	Perennial herb				X	
<i>Lupinus albifrons</i>	Silver lupine	Shrub				X	
<i>Lupinus benthamii</i>	spider lupine	Annual herb	X				
<i>Lupinus bicolor</i>	miniature lupine	Annual, Perennial herb	X			X	
<i>Lupinus formosus</i>	Lupine	Perennial herb	X			X	
<i>Lupinus latifolius</i>	broadleaf lupine	Perennial herb		X			
<i>Lupinus luteolus</i>	pale yellow lupine	Annual herb	X				
<i>Lupinus microcarpus</i> var. <i>densiflorus</i>	Dense-flowered Platycarpus	Annual herb	X			X	
<i>Lupinus microcarpus</i> var. <i>horizontalis</i>	chick lupine	Annual herb	X				
<i>Lupinus microcarpus</i> var. <i>microcarpus</i>	Valley lupine	Annual herb	X			X	
<i>Lupinus nanus</i>	sky lupine	Annual herb	X			X	
<i>Lupinus pachylobus</i>	Fatpod lupine	Annual herb	X			X	
<i>Lupinus stiversii</i>	harlequin lupine	Annual herb				X	
<i>Lupinus succulentus</i>	succulent lupine	Annual herb	X			X	
<i>Lupinus truncatus</i>	collared annual lupine	Annual herb	X				
<i>Luzula comosa</i>	Wood Rush	Perennial herb				X	
<i>Lycopus americanus</i>	American water horehound	Perennial herb	X	X		X	
<i>Lythrum californicum</i>	common loosestrife	Perennial herb	X	X		X	
<i>Lythrum hyssopifolium</i> *	hyssop loosestrife	Annual, Perennial herb	X	X		X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Madia gracilis</i>	slender tarweed	Annual herb				X	
<i>Madia rammii</i>	Ramm's madia	Annual herb				X	
<i>Madia subspicata</i>	slender tarweed	Annual herb	X			X	
<i>Malacothrix californica</i>	California dandelion	Annual herb	X				
<i>Malacothrix coulteri</i>	snake's head	Annual herb	X				
<i>Malacothrix floccifera</i>	woolly dandelion	Annual herb				X	
<i>Malva parviflora*</i>	cheeseweed	Annual herb					X
<i>Marah fabaceus</i>	wild-cucumber	Perennial herb, Vine				X	
<i>Marah watsonii</i>	Manroot	Perennial herb, Vine				X	
<i>Marsilea oligospora</i>	Nelson's pepperwort	Fern			X		
<i>Marsilea vestita</i> ssp. <i>vestita</i>	hairy waterclover	Fern	X				
<i>Meconella californica</i>	California meconella	Annual herb				X	
<i>Meconella linearis</i>	narrow-leaved meconella	Annual herb	X				
<i>Melica californica</i>	California melicgrass	Perennial herb				X	
<i>Melica torreyana</i>	Torrey's melicgrass	Perennial herb				X	
<i>Mentzelia dispersa</i>	Nada stickleaf	Annual herb	X			X	
<i>Mentzelia laevicaulis</i>	Blazing Star	Perennial herb	X			X	
<i>Mentzelia pectinata</i>	San Joaquin blazingstar	Annual herb				X	
<i>Mercurialis annua*</i>	annual mercury	Annual herb					X
<i>Micropus californicus</i>	Micropus	Annual herb	X			X	
<i>Micropus californicus</i> var. <i>californicus</i>	q tips	Annual herb	X			X	
<i>Micropus californicus</i> var. <i>subvestitus</i>	q tips	Annual herb	X				



**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Microseris acuminata</i>	Sierra foothills microseris	Annual herb	X				
<i>Microseris campestris</i>	San Joaquin silverpuffs	Annual herb	X				
<i>Microseris douglasii</i>	Douglas' microseris	Annual herb	X				
<i>Microseris elegans</i>	elegant silverpuffs	Annual herb	X				
<i>Microseris laciniata</i>	cut-leaved scorzonella	Perennial herb				X	
<i>Microseris sylvatica</i>	sylvan scorzonella	Perennial herb	X			X	
<i>Mimulus acutidens</i>	Kings River monkeyflower	Annual herb				X	
<i>Mimulus angustatus</i>	narrow-leaved pansy monkeyflower	Annual herb		X			
<i>Mimulus aurantiacus</i>	island monkeyflower	Shrub				X	
<i>Mimulus bicolor</i>	yellow and white monkeyflower	Annual herb				X	
<i>Mimulus bifidus</i>	sticky monkeyflower	Shrub				X	
<i>Mimulus cardinalis</i>	scarlet monkeyflower	Perennial herb	X	X		X	
<i>Mimulus congdonii</i>	Congdon's monkeyflower	Annual herb	X			X	
<i>Mimulus douglasii</i>	brownies	Annual herb				X	
<i>Mimulus floribundus</i>	floriferous monkeyflower	Annual herb	X	X		X	
<i>Mimulus glaucescens</i>	shield-bracted monkeyflower	Annual herb	X			X	
<i>Mimulus guttatus</i>	Seep Monkey-Flower	Annual, Perennial herb (rhizomatous)	X	X		X	
<i>Mimulus inconspicuus</i>	small-flowered monkeyflower	Annual herb				X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Mimulus kelloggii</i>	Kellogg's monkeyflower	Annual herb				X	
<i>Mimulus latidens</i>	broad-toothed monkeyflower	Annual herb	X				
<i>Mimulus layneae</i>	Layne's monkeyflower	Annual herb	X			X	
<i>Mimulus pilosus</i>	false monkeyflower	Annual herb	X	X		X	
<i>Mimulus torreyi</i>	Torrey's monkeyflower	Annual herb				X	
<i>Mimulus tricolor</i>	tricolor monkeyflower	Annual herb	X			X	
<i>Minuartia californica</i>	California sandwort	Annual herb	X			X	
<i>Minuartia douglasii</i>	Sandwort	Annual herb	X			X	
<i>Monardella douglasii</i>	Douglas' monardella	Annual herb				X	
<i>Monardella lanceolata</i>	Mustangmint	Annual herb	X			X	
<i>Monardella villosa</i>	coyote mint	Perennial herb				X	
<i>Monochoria vaginalis</i> *	heartshape false pickerelweed	Perennial herb					X
<i>Monolepis nuttalliana</i>	Nuttall's poverty weed	Annual herb	X	X		X	
<i>Monolopia lanceolata</i>	common monolopia	Annual herb	X				
<i>Monolopia major</i>	cupped monolopia	Annual herb	X				
<i>Monolopia stricta</i>	Crum's monolopia	Annual herb	X				
<i>Muhlenbergia mexicana</i>	Mexican muhly	Perennial herb				X	
<i>Muhlenbergia microsperma</i>	littleseed muhly	Annual herb	X				
<i>Muhlenbergia rigens</i>	deergass	Perennial herb	X	X			
<i>Muilla maritima</i>	sea muilla	Perennial herb	X			X	
<i>Myosotis verna</i> *	spring forget-me-nott	Annual, Perennial herb					X
<i>Myosurus minimus</i>	common mouse tail	Annual herb			X	X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Myosurus minimus</i> ssp. <i>apus</i>	little mouse-tail	Annual herb			X		
<i>Myriophyllum sibiricum</i>	Siberian milfoil	Perennial herb (aquatic)	X	X		X	
<i>Nassella cernua</i>	Needle Grass	Perennial herb				X	
<i>Nassella pulchra</i>	Purple stipa	Perennial herb				X	
<i>Navarretia cotulifolia</i>	broad-leaved navarretia	Annual herb	X	X		X	
<i>Navarretia eriocephala</i>	hoary pincushionplant	Annual herb	X				
<i>Navarretia filicaulis</i>	thin-stemmed navarretia	Annual herb	X			X	
<i>Navarretia heterandra</i>	Tehama pincushionplant	Annual herb			X		
<i>Navarretia intertexta</i>	needleleaf navarretia	Annual herb	X	X		X	
<i>Navarretia intertexta</i> ssp. <i>intertexta</i>	interwoven navarretia	Annual herb	X	X		X	
<i>Navarretia leucocephala</i>	white-headed navarretia	Annual herb	X			X	
<i>Navarretia leucocephala</i> ssp. <i>bakeri</i>	Baker's navarretia	Annual herb	X				
<i>Navarretia leucocephala</i> ssp. <i>leucocephala</i>	whitehead navarretia	Annual herb	X			X	
<i>Navarretia nigelliformis</i>	adobe navarretia	Annual herb	X				
<i>Navarretia nigelliformis</i> ssp. <i>radians</i>	adobe navarretia	Annual herb			X	X	
<i>Navarretia pubescens</i>	downy pincushionplant	Annual herb				X	
<i>Navarretia squarrosa</i>	skunkbush	Annual herb				X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Navarretia subuligera</i>	awl-leaf pincushionplant	Annual herb				X	
<i>Navarretia tagetina</i>	Navarretia	Annual herb				X	
<i>Navarretia viscidula</i>	sticky navarretia	Annual herb				X	
<i>Nemophila heterophylla</i>	small baby blue eyes	Annual herb				X	
<i>Nemophila maculata</i>	fivespot	Annual herb	X			X	
<i>Nemophila menziesii</i>	baby blue eyes	Annual herb	X			X	
<i>Nemophila parviflora</i>	smallflower nemophila	Annual herb				X	
<i>Nemophila pedunculata</i>	littlefoot nemophila	Annual herb	X			X	
<i>Nicotiana attenuata</i>	coyote tobacco	Annual herb	X				
<i>Nicotiana quadrivalvis</i>	Indian tobacco	Annual herb	X			X	
<i>Nitrophila occidentalis</i>	western nitrophila	Perennial herb	X	X		X	
<i>Nuphar luteum ssp. polysepalum</i>	yellow pond-lily	Perennial herb (aquatic)	X	X		X	
<i>Odontostomum hartwegii</i>	Odontostomum	Perennial herb				X	
<i>Oenanthe sarmentosa</i>	Pacific oenanthe	Perennial herb	X	X		X	
<i>Oenothera deltoides</i>	Dune Primrose	Annual herb	X				
<i>Oenothera elata ssp. hookeri</i>	Hooker's evening-primrose	Perennial herb				X	
<i>Ophioglossum californicum</i>	California adder's-tongue	Fern (rhizomatous)			X		
<i>Opuntia basilaris</i>	beavertail pricklypear	Shrub (stem succulent)	X				
<i>Orcuttia pilosa</i>	hairy Orcutt grass	Annual herb			X		
<i>Orcuttia tenuis</i>	slender Orcutt grass	Annual herb			X	X	
<i>Orobanche ramosa*</i>	hemp broomrape	Perennial herb (parasitic)					X

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Osmorhiza brachypoda</i>	California sweet-cicely	Perennial herb				X	
<i>Oxalis pes-caprae</i> *	Bermuda buttercup	Perennial herb					X
<i>Panicum acuminatum</i> var. <i>acuminatum</i>	Pacific panic grass	Annual, Perennial herb	X	X		X	
<i>Panicum acuminatum</i> var. <i>lindheimeri</i>	Pacific panic grass	Perennial herb	X				
<i>Panicum urvilleanum</i>	desert panicgrass	Perennial herb	X				
<i>Parnassia californica</i>	California Grass-of-Parnassus	Perennial herb				X	
<i>Paronychia ahartii</i>	Ahart's paronychia	Annual herb			X	X	
<i>Paroisedum congdonii</i>	Congdon's stonecrop	Annual herb	X			X	
<i>Paroisedum pumilum</i>	Sierra stonecrop	Annual herb				X	
<i>Paspalum distichum</i>	knotgrass	Perennial herb	X		X		
<i>Pectocarya heterocarpa</i>	Hairy-leaved Comb-burpectocarya	Annual herb	X				
<i>Pectocarya linearis</i> ssp. <i>ferocula</i>	slender pectocarya	Annual herb	X				
<i>Pectocarya penicillata</i>	sleeping combseed	Annual herb	X			X	
<i>Pectocarya pusilla</i>	Pectocarya	Annual herb				X	
<i>Pectocarya setosa</i>	Stiff - stemmed Comb-bur	Annual herb	X				
<i>Pedicularis densiflora</i>	Indian warrior	Perennial herb				X	
<i>Pellaea andromedifolia</i>	coffee fern	Fern	X			X	
<i>Pellaea mucronata</i>	birdfoot cliffbrake	Fern	X			X	
<i>Pennisetum clandestinum</i> *	kikuyugrass	Perennial herb					X
<i>Penstemon azureus</i>	azure penstemon	Perennial herb				X	
<i>Penstemon heterophyllus</i>	foothill penstemon	Perennial herb				X	
<i>Penstemon laetus</i>	Gay Penstemon	Perennial herb				X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Pentachaeta alsinoides</i>	tiny pygmy-daisy	Annual herb	X				
<i>Pentachaeta aurea</i>	golden-rayed pentachaeta	Annual herb	X				
<i>Pentachaeta exilis</i>	slender pentachaeta	Annual herb	X				
<i>Pentachaeta exilis</i> ssp. <i>aeolica</i>	slender pentachaeta	Annual herb	X				
<i>Pentachaeta exilis</i> ssp. <i>exilis</i>	meager pygmydaisy	Annual herb	X				
<i>Pentagramma triangularis</i>	Goldenback Fern	Fern	X			X	
<i>Perideridia kelloggii</i>	Kellogg's yampah	Perennial herb				X	
<i>Petunia parviflora</i>	Wild petunia	Annual herb	X	X		X	
<i>Phacelia cicutaria</i>	caterpillar phacelia	Annual herb	X			X	
<i>Phacelia distans</i>	wild heliotrope	Annual herb	X			X	
<i>Phacelia divaricata</i>	divaricate phacelia	Annual herb	X				
<i>Phacelia douglasii</i>	Douglas' phacelia	Annual herb	X			X	
<i>Phacelia egena</i>	Kaweah River phacelia	Perennial herb				X	
<i>Phacelia fremontii</i>	Fremont's phacelia	Annual herb	X				
<i>Phacelia imbricata</i>	imbricate phacelia	Perennial herb				X	
<i>Phacelia tanacetifolia</i>	Lacy Phacelia	Annual herb	X			X	
<i>Phacelia vallicola</i>	Mariposa phacelia	Annual herb				X	
<i>Phacelia vallis-mortae</i>	Death Valley phacelia	Annual herb	X				
<i>Phalaris arundinacea</i>	reed canarygrass	Perennial herb	X	X		X	
<i>Phalaris lemmonii</i>	Lemmon's canarygrass	Annual herb	X			X	
<i>Philadelphus lewisii</i>	Mock orange	Shrub				X	
<i>Phlox gracilis</i>	Slender Phlox	Annual herb	X			X	
<i>Phlox speciosa</i>	showy phlox	Perennial herb				X	
<i>Pholistoma auritum</i>	fiesta flower	Annual herb				X	
<i>Phragmites australis</i>	common reed	Perennial herb	X	X		X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Phyla lanceolata</i>	lance-leaf lippia	Perennial herb	X		X		
<i>Phyla nodiflora</i> var. <i>incisa</i>	common lippia	Perennial herb	X				
<i>Physalis acutifolia</i>	sharp-leaf groundcherry	Annual herb					X
<i>Physalis philadelphica</i> *	Mexican groundcherry	Annual herb					X
<i>Physalis pubescens</i> *	husk tomato	Perennial herb					X
<i>Phytocarpus capitatus</i>	Pacific ninebark	Shrub		X			
<i>Pilularia americana</i>	American pillwort	Fern	X				
<i>Pinus attenuata</i>	knobcone pine	Tree				X	
<i>Pinus sabiniana</i>	foothill pine	Tree				X	
<i>Piperia elongata</i>	dense-flowered rein orchid	Perennial herb				X	
<i>Piperia leptopetala</i>	rein orchid	Perennial herb				X	
<i>Piperia michaelii</i>	Michael's piperia	Perennial herb				X	
<i>Piperia transversa</i>	royal rein orchid	Perennial herb				X	
<i>Piperia unalascentis</i>	Rein orchid	Perennial herb	X	X		X	
<i>Plagiobothrys acanthocarpus</i>	adobe allocarya	Annual herb		X			
<i>Plagiobothrys austiniiae</i>	Austin's popcornflower	Annual herb	X				
<i>Plagiobothrys bracteatus</i>	bracted popcornflower	Annual herb	X	X		X	
<i>Plagiobothrys canescens</i>	Valley Popcorn Flower	Annual herb	X			X	
<i>Plagiobothrys cognatus</i>	Cognate Popcorn-Flower	Annual herb				X	
<i>Plagiobothrys collinus</i> var. <i>californicus</i>	Cooper's popcornflower	Annual herb	X				
<i>Plagiobothrys distantiflorus</i>	California popcornflower	Annual herb	X				
<i>Plagiobothrys fulvus</i>	Common popcorn flower	Annual herb	X			X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Plagiobothrys fulvus</i> var. <i>campestris</i>	fulvous popcornflower	Annual herb	X			X	
<i>Plagiobothrys glyptocarpus</i>	sculptured popcornflower	Annual herb	X			X	
<i>Plagiobothrys greenei</i>	Greene's popcornflower	Annual herb	X			X	
<i>Plagiobothrys humistratus</i>	dwarf allocarya	Annual herb	X				
<i>Plagiobothrys leptocladus</i>	alkali plagiobothrys	Annual herb	X				
<i>Plagiobothrys nothofulvus</i>	rusty popcornflower	Annual herb				X	
<i>Plagiobothrys scriptus</i>	scribe popcornflower	Annual herb	X				
<i>Plagiobothrys shastensis</i>	Shasta popcornflower	Annual herb				X	
<i>Plagiobothrys stipitatus</i>	stalked popcornflower	Annual herb	X	X		X	
<i>Plagiobothrys tenellus</i>	Popcorn flower	Annual herb		X		X	
<i>Plagiobothrys trachycarpus</i>	rough-fruited allocarya	Annual herb	X				
<i>Plagiobothrys undulatus</i>	coast allocarya	Annual herb	X	X		X	
<i>Plantago erecta</i>	dotseed plantain	Annual herb				X	
<i>Platanus racemosa</i>	western sycamore	Tree	X	X		X	
<i>Platystemon californicus</i>	creamcups	Annual herb	X			X	
<i>Plectritis ciliosa</i>	long-spurred plectritis	Annual herb	X			X	
<i>Plectritis macrocera</i>	White Plectritis	Annual herb				X	
<i>Pluchea odorata</i>	marsh fleabane	Annual, Perennial herb			X		
<i>Poa bolanderi</i>	Bolander's blue grass	Annual herb				X	
<i>Poa bulbosa</i> *	bulbous blue grass	Perennial herb				X	
<i>Poa compressa</i> *	Canada blue grass	Perennial herb	X			X	
<i>Poa pratensis</i> ssp. <i>pratensis</i> *	Kentucky Bluegrass	Perennial herb	X			X	



**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Poa secunda</i> ssp. <i>secunda</i>	Pine Bluegrass	Perennial herb	X			X	
<i>Poa tenerrima</i>	delicate bluegrass	Perennial herb				X	
<i>Pogogyne douglasii</i>	Douglas' pogogyne	Annual herb	X			X	
<i>Pogogyne zizyphoroides</i>	Sacramento mesamint	Annual herb	X			X	
<i>Polygala cornuta</i>	Sierra milkwort	Perennial herb		X			
<i>Polygonum amphibium</i>	Swamp Knotweed	Perennial herb	X	X		X	
<i>Polygonum bidwelliae</i>	Bidwell's knotweed	Annual herb	X			X	
<i>Polygonum californicum</i>	California knotweed	Annual herb				X	
<i>Polypodium californicum</i>	California polypody	Fern		X		X	
<i>Polystichum munitum</i>	sword fern	Fern		X			
<i>Populus balsamifera</i> ssp. <i>trichocarpa</i>	black cottonwood	Tree	X	X		X	
<i>Populus fremontii</i> ssp. <i>fremontii</i>	Fremont cottonwood	Tree	X	X		X	
<i>Potentilla gracilis</i>	Slender cinquefoil	Perennial herb				X	
<i>Potentilla palustris</i>	purple marsh cinquefoil	Perennial herb	X	X		X	
<i>Potentilla rivalis</i>	brook cinquefoil	Annual, Perennial herb	X		X		
<i>Prunus virginiana</i> var. <i>demissa</i>	western chokecherry	Tree, Shrub				X	
<i>Pseudobahia bahiifolia</i>	Hartweg's golden sunburst	Annual herb	X				
<i>Pseudobahia heermannii</i>	foothill sunburst	Annual herb				X	
<i>Pseudobahia pearsonii</i>	San Joaquin adobe sunburst	Annual herb	X				
<i>Psilocarphus brevissimus</i>	woolly marbles	Annual herb	X				
<i>Psilocarphus brevissimus</i> var. <i>multiflorus</i>	delta woolly-marbles	Annual herb			X		

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Psilocarphus tenellus</i> var. <i>globiferus</i>	round woolly-marbles	Annual herb			X		
<i>Ptelea crenulata</i>	Western hoptree	Tree, Shrub				X	
<i>Pteridium aquilinum</i> var. <i>pubescens</i>	hairy brackenfern	Fern	X			X	
<i>Pterostegia drymarioides</i>	Pterostegia	Annual herb	X			X	
<i>Puccinellia simplex</i>	California alkaligrass	Annual herb	X				
<i>Pycnanthemum californicum</i>	Mountain mint	Perennial herb				X	
<i>Pyrrocoma racemosa</i>	racemose pyrrocoma	Perennial herb	X				
<i>Quercus agrifolia</i>	coast live oak	Tree				X	
<i>Quercus chrysolepis</i>	canyon live oak	Tree	X			X	
<i>Quercus douglasii</i>	blue oak	Tree				X	
<i>Quercus durata</i>	leather oak	Shrub				X	
<i>Quercus durata</i> var. <i>durata</i>	leather oak	Shrub				X	
<i>Quercus garryana</i>	Garry's oak	Tree				X	
<i>Quercus kelloggii</i>	Black oak	Tree				X	
<i>Quercus lobata</i>	Valley oak	Tree				X	
<i>Quercus wislizenii</i>	interior live oak	Tree, Shrub				X	
<i>Rafinesquia californica</i>	California plumseed	Annual herb		X			
<i>Ranunculus aquatilis</i>	whitewater crowfoot	Perennial herb (aquatic)	X	X		X	
<i>Ranunculus bonariensis</i>	Carter's buttercup	Annual herb				X	
<i>Ranunculus bonariensis</i> var. <i>trisepalus</i>	vernal pool buttercup	Annual herb	X			X	
<i>Ranunculus californicus</i>	California buttercup	Perennial herb	X				
<i>Ranunculus canus</i>	Great valley buttercup	Perennial herb	X			X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Ranunculus cymbalaria</i> var. <i>saximontanus</i>	Desert Buttercup	Perennial herb	X	X		X	
<i>Ranunculus hebecarpus</i>	Slender annual buttercup	Annual herb				X	
<i>Ranunculus occidentalis</i>	western buttercup	Perennial herb				X	
<i>Ranunculus orthorhynchus</i>	straight-beaked buttercup	Perennial herb				X	
<i>Ranunculus pusillus</i>	low spearwort	Annual herb (aquatic)				X	
<i>Rhamnus californica</i>	Coffee Berry	Shrub				X	
<i>Rhamnus crocea</i>	redberry buckthorn	Shrub				X	
<i>Rhus trilobata</i>	Skunkbrush	Shrub				X	
<i>Rhynchospora californica</i>	California beaked-rush	Perennial herb (rhizomatous)			X		
<i>Ribes amarum</i>	bitter gooseberry	Shrub				X	
<i>Ribes aureum</i>	golden currant	Shrub				X	
<i>Ribes divaricatum</i>	spreading gooseberry	Shrub				X	
<i>Ribes malvoaceum</i>	chaparral currant	Shrub				X	
<i>Ribes roezlii</i>	Sierra gooseberry	Shrub				X	
<i>Ribes sanguineum</i>	red-flowering currant	Shrub				X	
<i>Rigiopappus leptocladus</i>	Rigiopappus	Annual herb	X			X	
<i>Rorippa curvisiliqua</i>	Western Yellow-cress	Annual, Perennial herb	X	X		X	
<i>Rorippa palustris</i>	bog yellowcress	Annual, Perennial herb	X	X		X	
<i>Rosa californica</i>	California wildrose	Shrub	X	X		X	
<i>Rosa gymnocarpa</i>	dwarf rose	Shrub	X			X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Rotala ramosior</i>	lowland rotala	Annual herb	X	X		X	
<i>Rubus ursinus</i>	Pacific blackberry	Vine, Shrub	X	X		X	
<i>Rumex hymenosepalus</i>	canaigre dock	Perennial herb	X				
<i>Rumex maritimus</i>	golden dock	Annual, Perennial herb	X	X	X	X	
<i>Rumex salicifolius</i>	willow dock	Perennial herb	X	X		X	
<i>Rumex salicifolius</i> var. <i>denticulatus</i>	toothed willow dock	Perennial herb	X	X		X	
<i>Rumex salicifolius</i> var. <i>salicifolius</i>	Willow-leaved Dock	Perennial herb	X	X		X	
<i>Rumex salicifolius</i> var. <i>transitorius</i>	willow dock	Perennial herb	X	X		X	
<i>Rupertia hallii</i>	Hall's California tea	Perennial herb				X	
<i>Sagittaria latifolia</i>	Wappato	Perennial herb (aquatic)			X		
<i>Sagittaria longiloba</i>	long-lobed arrowhead	Perennial herb (aquatic)			X		
<i>Sagittaria montevidensis</i> ssp. <i>calycina</i>	hooded arrowhead	Perennial herb (aquatic)			X		
<i>Sagittaria sanfordii</i>	valley arrowhead	Perennial herb (rhizomatous)			X		
<i>Salix exigua</i>	sandbar willow	Tree, Shrub	X	X		X	
<i>Salix gooddingii</i>	Goodding's black willow	Tree	X			X	
<i>Salix hindsiana</i>	sandbar willow	Tree, Shrub	X	X		X	
<i>Salix laevigata</i>	red willow	Tree	X	X		X	
<i>Salix lasiolepis</i>	arroyo willow	Tree, Shrub	X	X		X	
<i>Salix lucida</i>	shining willow	Tree, Shrub	X	X		X	
<i>Salix lucida</i> ssp. <i>lasiandra</i>	yellow willow	Tree	X	X		X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Salix melanopsis</i>	dusky willow	Tree, Shrub	X	X		X	
<i>Salix scouleriana</i>	Scouler's willow	Tree, Shrub	X	X		X	
<i>Salvia carduacea</i>	thistle sage	Annual herb	X				
<i>Salvia columbariae</i>	chia	Annual herb				X	
<i>Salvia sonomensis</i>	Sonoma sage	Perennial herb				X	
<i>Sambucus mexicana</i>	blue elderberry	Tree, Shrub				X	
<i>Samolus parviflorus</i>	water-pimpernel	Perennial herb		X			
<i>Sanicula arguta</i>	sharp-toothed sanicle	Perennial herb	X				
<i>Sanicula bipinnata</i>	poison sanicle	Perennial herb	X			X	
<i>Sanicula bipinnatifida</i>	snakeroot	Perennial herb	X			X	
<i>Sanicula crassicaulis</i>	Pacific sanicle	Perennial herb	X	X		X	
<i>Sanicula tuberosa</i>	Tuberous sanicle	Perennial herb				X	
<i>Saxifraga californica</i>	California saxifrage	Perennial herb				X	
<i>Saxifraga fallax</i>	California saxifrage	Perennial herb				X	
<i>Scirpus acutus</i> var. <i>occidentalis</i>	tule	Perennial herb			X		
<i>Scirpus americanus</i>	Olney's bulrush	Perennial herb			X		
<i>Scirpus californicus</i>	California bulrush	Perennial herb			X		
<i>Scirpus cernuus</i>	annual tule	Annual herb			X		
<i>Scirpus fluviatilis</i>	river bulrush	Perennial herb			X		
<i>Scirpus microcarpus</i>	panicled bulrush	Perennial herb	X	X		X	
<i>Scirpus robustus</i>	big bulrush	Perennial herb			X		
<i>Scirpus subterminalis</i>	water bulrush	Perennial herb (rhizomatous)			X		
<i>Scirpus tabernaemontani</i>	tule	Perennial herb			X		
<i>Scleranthus annuus</i> ssp. <i>annuus</i> *	Scleranthus	Annual herb					X
<i>Scribneria bolanderi</i>	Scribner's grass	Annual herb	X			X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Scutellaria siphocampyloides</i>	curve-flowered skullcap	Perennial herb				X	
<i>Scutellaria tuberosa</i>	common skullcap	Perennial herb				X	
<i>Selaginella hansenii</i>	Hansen's spike-moss	Fern (mosslike)				X	
<i>Selaginella wallacei</i>	Wallace Moss Fern	Fern (mosslike)				X	
<i>Senecio eurycephalus</i>	broadhead ragwort	Perennial herb				X	
<i>Senecio eurycephalus</i> var. <i>lewisrosei</i>	cut-leaved ragwort	Perennial herb				X	
<i>Senecio flaccidus</i> var. <i>douglasii</i>	Douglas' groundsel	Shrub	X			X	
<i>Sesuvium verrucosum</i>	verrucose seapurslane	Perennial herb	X				
<i>Setaria gracilis</i>	Bristly foxtail	Perennial herb	X				
<i>Sibara virginica</i>	common rock-cress	Annual, Perennial herb	X				
<i>Sida rhombifolia</i> *	cuban jute	Annual herb					X
<i>Sidalcea calycosa</i>	Pt. Reyes Sidalcea	Annual herb				X	
<i>Sidalcea diploscypha</i>	fringed checkerbloom	Annual herb	X			X	
<i>Sidalcea hartwegii</i>	Hartweg's checkerbloom	Annual herb	X			X	
<i>Sidalcea hirsuta</i>	hairy checkerbloom	Annual herb	X			X	
<i>Sidalcea keckii</i>	Keck's checkerbloom	Annual herb	X				
<i>Sidalcea malvaeflora</i>	Checker bloom	Perennial herb	X			X	
<i>Sidalcea oregana</i>	Oregon checker mallow	Perennial herb			X		
<i>Sidalcea robusta</i>	Butte County checkerbloom	Perennial herb (rhizomatous)				X	
<i>Sisyrinchium bellum</i>	blue-eyed grass	Perennial herb				X	
<i>Sium suave</i>	hemlock waterparsnip	Perennial herb			X		
<i>Smilacina stellata</i>	False solomon seal	Perennial herb				X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Solanum parishii</i>	Nightshade	Shrub				X	
<i>Solanum umbelliferum</i>	bluewitch nightshade	Shrub	X			X	
<i>Solanum xanti</i>	purple nightshade	Perennial herb, Shrub				X	
<i>Solidago californica</i>	California goldenrod	Perennial herb	X			X	
<i>Solidago canadensis</i> ssp. <i>elongata</i>	Meadow Goldenrod	Perennial herb	X			X	
<i>Solidago guiradonis</i>	Guirado goldenrod	Perennial herb (rhizomatous)	X				
<i>Spergularia macrotheca</i>	large-flowered Sand Spurry	Perennial herb			X		
<i>Spergularia marina</i>	Sand Spurry	Annual herb			X		
<i>Stachys ajugoides</i> var. <i>rigida</i>	rigid hedge-nettle	Perennial herb				X	
<i>Stachys pycnantha</i>	short-spike hedge-nettle	Perennial herb				X	
<i>Stachys stricta</i>	Sonoma hedgenettle	Perennial herb				X	
<i>Staphylea bolanderi</i>	Sierra bladder nut	Tree, Shrub		X		X	
<i>Stebbinsoseris heterocarpa</i>	grassland stebbinsoseris	Annual herb	X				
<i>Stellaria media</i> *	common chickweed	Annual herb					X
<i>Stellaria nitens</i>	shining chickweed	Annual herb	X			X	
<i>Stephanomeria elata</i>	Annual Mitra	Annual herb	X			X	
<i>Stephanomeria exigua</i>	small wirelettuce	Annual herb	X			X	
<i>Stephanomeria virgata</i>	virgate stephanomeria	Annual herb	X			X	
<i>Streptanthella longirostris</i>	longbeak streptanthella	Annual herb	X				
<i>Streptanthus diversifolius</i>	varied-leaved jewel flower	Annual herb				X	
<i>Streptanthus polygaloides</i>	milkwort jewel flower	Annual herb				X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Stylomecon heterophylla</i>	windpoppy	Annual herb	X				
<i>Styrax redivivus</i>	Storax	Shrub				X	
<i>Swertia albicaulis</i>	white-stem green-gentian	Perennial herb				X	
<i>Symphoricarpos albus</i> var. <i>laevigatus</i>	snowberry	Shrub				X	
<i>Tauschia hartwegii</i>	Tauschia	Perennial herb				X	
<i>Thalictrum fendleri</i> var. <i>polycarpum</i>	Meadow Rue	Perennial herb				X	
<i>Thysanocarpus curvipes</i>	hairy lacepod	Annual herb				X	
<i>Thysanocarpus laciniatus</i>	Narrowleaf fringe pod	Annual herb	X				
<i>Thysanocarpus radians</i>	showy fringe-pod	Annual herb	X			X	
<i>Tonella tenella</i>	innocence	Annual herb				X	
<i>Torreyochloa pallida</i>	pale false mannagrass	Perennial herb (rhizomatous)				X	
<i>Torreyochloa pallida</i> var. <i>pauciflora</i>	pale false mannagrass	Perennial herb (rhizomatous)	X	X		X	
<i>Toxicodendron diversilobum</i>	Poisonoak	Vine, Shrub	X			X	
<i>Tragopogon porrifolius</i> *	salsify	Perennial herb					X
<i>Trichostema lanceolatum</i>	vinegarweed	Annual herb				X	
<i>Trifolium albopurpureum</i>	rancheria clover	Annual herb	X			X	
<i>Trifolium albopurpureum</i> var. <i>albopurpureum</i>	Indian clover	Annual herb	X			X	
<i>Trifolium albopurpureum</i> var. <i>olivaceum</i>	olive clover	Annual herb	X			X	
<i>Trifolium depauperatum</i>	Pale Sack Clover	Annual herb	X				
<i>Trifolium depauperatum</i> var. <i>amplectens</i>	pale bladder clover	Annual herb	X			X	



**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Trifolium depauperatum</i> var. <i>depauperatum</i>	dwarf sack clover	Annual herb	X				
<i>Trifolium fucatum</i>	Sour Clover	Annual herb	X	X		X	
<i>Trifolium gracilentum</i>	pinpoint clover	Annual herb	X			X	
<i>Trifolium microcephalum</i>	Maiden clover	Annual herb	X			X	
<i>Trifolium microdon</i>	Valparaiso clover	Annual herb	X				
<i>Trifolium willdenovii</i>	tomcat clover	Annual herb	X			X	
<i>Trifolium wormskioldii</i>	cows clover	Perennial herb	X	X		X	
<i>Trillium chloropetalum</i>	giant wakerobin	Perennial herb				X	
<i>Triodanis biflora</i>	Venus' looking glass	Annual herb	X			X	
<i>Triphysaria eriantha</i>	butter 'n' eggs	Annual herb	X			X	
<i>Triphysaria pusilla</i>	dwarf owl's-clover	Annual herb				X	
<i>Triteleia bridgesii</i>	Bridges' brodiaea	Perennial herb				X	
<i>Triteleia hyacinthina</i>	white brodiaea	Perennial herb	X			X	
<i>Triteleia ixioides</i>	Golden brodiaea	Perennial herb	X			X	
<i>Triteleia laxa</i>	Ithuriel's spear	Perennial herb				X	
<i>Tropidocarpum gracile</i>	Slender Keel Fruit	Annual herb	X			X	
<i>Tuctoria greenei</i>	awnless spiralgrass	Annual herb			X		
<i>Typha angustifolia</i>	narrowleaf cattail	Perennial herb (aquatic)			X		
<i>Typha domingensis</i>	southern cattail	Perennial herb			X		
<i>Typha latifolia</i>	broadleaf cattail	Perennial herb (aquatic)			X		
<i>Umbellularia californica</i>	California laurel	Tree		X		X	
<i>Uropappus lindleyi</i>	Uropappus	Annual herb	X			X	
<i>Urtica dioica</i> ssp. <i>holosericea</i>	giant creek nettle	Perennial herb	X	X		X	

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

Scientific Name	Common Name	Plant Habit	NATURAL COMMUNITY				
			Grassland	Riparian	Wetlands	Oak Woodland and Savanna	Agriculture
<i>Verbena bracteata</i>	bracted verbena	Annual, Perennial herb	X				
<i>Verbena lasiostachys</i>	Vervain	Perennial herb	X	X		X	
<i>Verbena scabra</i>	sandpaper vervain	Perennial herb	X				
<i>Verbesina encelioides</i> ssp. <i>exauriculata</i> *	golden viguiera	Annual herb	X				
<i>Veronica americana</i>	Brooklime	Perennial herb			X		
<i>Veronica peregrina</i>	neckweed	Annual herb				X	
<i>Veronica peregrina</i> ssp. <i>xalapensis</i>	hairy purslane speedwell	Annual herb	X	X		X	
<i>Veronica persica</i> *	birdeye speedwell	Annual herb					X
<i>Veronica scutellata</i>	skullcap speedwell	Perennial herb				X	
<i>Viola douglasii</i>	Douglas' violet	Perennial herb				X	
<i>Viola pedunculata</i>	johnny jump-up	Perennial herb				X	
<i>Viola praemorsa</i>	canary violet	Perennial herb				X	
<i>Viola purpurea</i> ssp. <i>quercetorum</i>	goosefoot yellow violet	Perennial herb				X	
<i>Vitis californica</i>	California grape	Vine, Shrub				X	
<i>Vulpia microstachys</i> var. <i>ciliata</i>	Eastwood fescue	Annual herb	X			X	
<i>Vulpia microstachys</i> var. <i>confusa</i>	confusing fescue	Annual herb	X			X	
<i>Vulpia microstachys</i> var. <i>microstachys</i>	desert fescue	Annual herb	X			X	
<i>Vulpia microstachys</i> var. <i>pauciflora</i>	Pacific fescue	Annual herb	X			X	
<i>Vulpia myuros</i> var. <i>hirsuta</i> *	hairy rattail fescue	Annual herb	X			X	
<i>Vulpia octoflora</i>	six-weeks fescue	Annual herb	X			X	
<i>Woodwardia fimbriata</i>	giant chain fern	Fern	X	X		X	
<i>Wyethia angustifolia</i>	Narrow-leaf Mule-ears	Perennial herb	X			X	

Appendix B

**Table B-1. Plant Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area  
(continued)**

<i>Scientific Name</i>	<i>Common Name</i>	<i>Plant Habit</i>	NATURAL COMMUNITY				
			<i>Grassland</i>	<i>Riparian</i>	<i>Wetlands</i>	<i>Oak Woodland and Savanna</i>	<i>Agriculture</i>
<i>Wyethia bolanderi</i>	Bolander wyethia	Perennial herb	X				
<i>Wyethia helenioides</i>	whitehead wyethia	Perennial herb	X				
<i>Zigadenus exaltatus</i>	giant death-camas	Perennial herb				X	
<i>Zigadenus fremontii</i>	chaparral zygadene	Perennial herb	X				
<i>Zigadenus venenosus</i> var. <i>venenosus</i>	death camas	Perennial herb	X			X	
<b>Total Number of Species</b>	<b>1018</b>		<b>593</b>	<b>152</b>	<b>68</b>	<b>712</b>	<b>21</b>

\*non-native species

Table B-2. Wildlife Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area

Common Name	Scientific Name	NATURAL COMMUNITY					
		Grassland	Oak Woodland and Savanna	Riparian	Wetland	Aquatic	Agriculture*
<b>Fish</b>							
American shad	<i>Alosa sapidissima</i>					X	
Black crappie	<i>Pomoxis nigromaculatus</i>					X	
Bluegill	<i>Lepomis macrochirus</i>					X	
Brown trout	<i>Salmo trutta</i>					X	
California roach	<i>Lavinia symmetricus</i>					X	
Central Valley steelhead	<i>Oncorhynchus mykiss</i>					X	
Chinook salmon	<i>Oncorhynchus tshawytscha</i>					X	
Green sturgeon	<i>Acipenser medirostris</i>					X	
Green sunfish	<i>Lepomis cyanellus</i>					X	
Hardhead	<i>Mylopharodon conocephalus</i>					X	
Hitch	<i>Lavinia exilicauda</i>					X	
Largemouth bass	<i>Micropterus salmoides</i>					X	
Mosquitofish	<i>Gambusia affinis</i>					X	
Pacific lamprey	<i>Lampetra tridentata</i>					X	
Redear sunfish	<i>Lepomis microlophus</i>					X	
Red-eye bass	<i>Micropterus coosae</i>					X	
Rifle sculpin	<i>Cottus gulosus</i>					X	
River lamprey	<i>Lampetra ayresi</i>					X	
Sacramento pikeminnow	<i>Ptychocheilus grandis</i>					X	
Sacramento sucker	<i>Catostomus occidentalis</i>					X	
Smallmouth bass	<i>Micropterus dolomieu</i>					X	
Spotted bass	<i>Micropterus punctulatus</i>					X	
Tule perch	<i>Hysterocarpus traskii</i>					X	
White crappie	<i>Pomoxis annularis</i>					X	
White sturgeon	<i>Acipenser transmontanus</i>					X	

Table B-2. Wildlife Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)

Common Name	Scientific Name	NATURAL COMMUNITY					
		Grassland	Oak Woodland and Savanna	Riparian	Wetland	Aquatic	Agriculture*
<b>Amphibians</b>							
Bullfrog	<i>Rana catesbeiana</i>	X	X	X	X	X	X
California newt	<i>Taricha torosa</i>	X	X	X	X	X	
California slender salamander	<i>Batrachoseps attenuatus</i>	X	X	X			
Cascades frog	<i>Rana cascadae</i>				X	X	
Ensatina	<i>Ensatina eschscholtzii</i>		X	X			
Foothill yellow-legged frog	<i>Rana boylei</i>	X	X	X		X	
Long-toed salamander	<i>Ambystoma macrodactylum</i>		X	X	X	X	
Mountain yellow-legged frog	<i>Rana muscosa</i>				X	X	
Pacific treefrog	<i>Hyla regilla</i>	X	X	X	X	X	X
Red-legged frog	<i>Rana aurora</i>	X	X	X	X	X	
Rough-skinned newt	<i>Taricha granulosa</i>	X	X	X	X	X	
Western spadefoot	<i>Spea hammondi</i>	X	X	X	X	X	X
Western toad	<i>Bufo boreas</i>	X	X	X	X	X	X
<b>Reptiles</b>							
California mountain kingsnake	<i>Lampropeltis zonata</i>	X	X	X			
California whipsnake (striped racer)	<i>Masticophis lateralis</i>		X	X			
Coast horned lizard	<i>Phrynosoma coronatum</i>	X	X	X			
Common garter snake	<i>Thamnophis sirtalis</i>	X	X	X	X	X	X
Common kingsnake	<i>Lampropeltis getula</i>	X	X	X	X		X
Giant garter snake	<i>Thamnophis gigas</i>	X		X	X	X	X
Gopher snake	<i>Pituophis catenifer</i>	X	X	X	X		X
Night snake	<i>Hypsiglena torquata</i>	X	X				X
Northern alligator lizard	<i>Elgaria coerulea</i>	X	X	X			
Racer	<i>Coluber constrictor</i>	X	X	X	X		X

**Table B-2. Wildlife Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Common Name	Scientific Name	NATURAL COMMUNITY					
		Grassland	Oak Woodland and Savanna	Riparian	Wetland	Aquatic	Agriculture*
Ring-necked snake	<i>Diadophis punctatus</i>	X	X	X	X		
Rubber boa	<i>Charina bottae</i>		X	X			
Sagebrush lizard	<i>Sceloporus graciosus</i>		X				
Sharp-tailed snake	<i>Contia tenuis</i>		X	X			
Sierra (western aquatic) garter snake	<i>Thamnophis couchii</i>	X	X	X	X	X	X
Southern alligator lizard	<i>Elgaria multicarinata</i>	X	X	X			X
Western fence lizard	<i>Sceloporus occidentalis</i>	X	X	X			X
Western pond turtle	<i>Emys marmorata</i>	X	X	X	X	X	
Western rattlesnake	<i>Crotalus viridis</i>	X	X	X	X		X
Western skink	<i>Eumeces skiltonianus</i>	X	X	X			X
Western terrestrial garter snake	<i>Thamnophis elegans</i>	X	X	X	X	X	X
Western whiptail	<i>Aspidoscelis tigris</i>	X	X	X			X
<b>Birds</b>							
Acorn woodpecker	<i>Melanerpes formicivorus</i>		X	X			
American avocet	<i>Recurvirostra americana</i>				X	X	X
American bittern	<i>Botaurus lentiginosus</i>				X	X	X
American coot	<i>Fulica americana</i>				X	X	X
American crow	<i>Corvus brachyrhynchos</i>	X	X	X		X	X
American dipper	<i>Cinclus mexicanus</i>			X		X	
American goldfinch	<i>Carduelis tristis</i>	X	X	X			X
American kestrel	<i>Falco sparverius</i>	X	X	X	X		X
American pipit	<i>Anthus rubescens</i>	X	X	X	X	X	
American redstart	<i>Setophaga ruticilla</i>		X	X			X
American robin	<i>Turdus migratorius</i>	X	X	X			X
American white pelican	<i>Pelecanus erythrorhynchos</i>					X	X

Table B-2. Wildlife Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)

Common Name	Scientific Name	NATURAL COMMUNITY					
		Grassland	Oak Woodland and Savanna	Riparian	Wetland	Aquatic	Agriculture*
American wigeon	<i>Anas americana</i>	X			X	X	X
Anna's hummingbird	<i>Calypte anna</i>		X	X			
Ash-throated flycatcher	<i>Myiarchus cinerascens</i>		X	X			X
Baird's sandpiper	<i>Calidris bairdii</i>					X	X
Bald eagle	<i>Haliaeetus leucocephalus</i>		X	X	X	X	
Band-tailed pigeon	<i>Patagioenas fasciata</i>		X	X			X
Bank swallow	<i>Riparia riparia</i>	X		X	X	X	X
Barn owl	<i>Tyto alba</i>	X	X	X	X		X
Barn swallow	<i>Hirundo rustica</i>	X	X	X	X	X	X
Barrow's goldeneye	<i>Bucephala islandica</i>					X	
Belted kingfisher	<i>Ceryle alcyon</i>			X	X	X	
Bewick's wren	<i>Thryomanes bewickii</i>		X	X			
Black phoebe	<i>Sayornis nigricans</i>	X	X	X	X	X	X
Black swift	<i>Cypseloides niger</i>	X	X	X		X	
Black tern	<i>Chlidonias niger</i>				X	X	X
Black-bellied plover	<i>Pluvialis squatarola</i>	X			X	X	X
Black-chinned hummingbird	<i>Archilochus alexandri</i>		X	X			
Black-crowned night heron	<i>Nycticorax nycticorax</i>		X	X	X	X	X
Black-headed grosbeak	<i>Pheucticus melanocephalus</i>		X	X			
Black-necked stilt	<i>Himantopus mexicanus</i>				X	X	X
Black-throated gray warbler	<i>Dendroica nigrescens</i>		X	X			
Blue grosbeak	<i>Passerina caerulea</i>	X	X	X			
Blue grouse	<i>Dendragapus obscurus</i>	X					
Blue-gray gnatcatcher	<i>Polioptila caerulea</i>		X	X			
Blue-winged teal	<i>Anas discors</i>	X			X	X	X

**Table B-2. Wildlife Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Common Name	Scientific Name	NATURAL COMMUNITY					
		Grassland	Oak Woodland and Savanna	Riparian	Wetland	Aquatic	Agriculture*
Bonaparte's gull	<i>Larus philadelphia</i>				X	X	
Brewer's blackbird	<i>Euphagus cyanocephalus</i>	X	X	X	X	X	X
Brewer's sparrow	<i>Spizella breweri</i>	X	X				X
Brown creeper	<i>Certhia americana</i>			X			
Brown-headed cowbird	<i>Molothrus ater</i>	X	X	X	X		X
Bufflehead	<i>Bucephala albeola</i>			X	X	X	
Bullock's oriole	<i>Icterus bullockii</i>		X	X			X
Burrowing owl	<i>Athene cunicularia</i>	X	X	X			X
Bushtit	<i>Psaltriparus minimus</i>		X	X			
Cackling goose	<i>Branta hutchinsii</i>	X			X	X	X
California gull	<i>Larus californicus</i>	X			X	X	X
California quail	<i>Callipepla californica</i>	X	X	X			X
California thrasher	<i>Toxostoma redivivum</i>		X	X			
California towhee	<i>Pipilo crissalis</i>		X				
Calliope hummingbird	<i>Stellula calliope</i>		X	X			
Canada goose	<i>Branta canadensis</i>	X			X	X	X
Canvasback	<i>Aythya valisineria</i>				X	X	
Canyon wren	<i>Catherpes mexicanus</i>		X	X			
Caspian tern	<i>Sterna caspia</i>			X	X	X	
Cassin's vireo	<i>Vireo cassinii</i>		X	X			
Cattle egret	<i>Bubulcus ibis</i>	X	X	X	X	X	X
Cedar waxwing	<i>Bombycilla cedrorum</i>		X	X			X
Chestnut-backed chickadee	<i>Poecile rufescens</i>		X	X			
Chipping sparrow	<i>Spizella passerina</i>	X	X	X			
Cinnamon teal	<i>Anas cyanoptera</i>	X		X	X	X	X
Clark's grebe	<i>Aechmophorus clarkii</i>				X	X	



Table B-2. Wildlife Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)

Common Name	Scientific Name	NATURAL COMMUNITY					
		Grassland	Oak Woodland and Savanna	Riparian	Wetland	Aquatic	Agriculture*
Cliff swallow	<i>Petrochelidon pyrrhonota</i>	X	X	X	X	X	X
Common goldeneye	<i>Bucephala clangula</i>			X		X	
Common loon	<i>Gavia immer</i>					X	
Common merganser	<i>Mergus merganser</i>			X	X	X	
Common moorhen	<i>Gallinula chloropus</i>				X	X	
Common nighthawk	<i>Chordeiles minor</i>	X	X	X	X	X	X
Common poorwill	<i>Phalaenoptilus nuttallii</i>	X	X	X		X	X
Common raven	<i>Corvus corax</i>	X	X	X	X	X	X
Common yellowthroat	<i>Geothlypis trichas</i>	X	X	X	X		
Cooper's hawk	<i>Accipiter cooperii</i>	X	X	X			X
Dark-eyed junco	<i>Junco hyemalis</i>		X	X			X
Double-crested cormorant	<i>Phalacrocorax auritus</i>			X	X	X	
Downy woodpecker	<i>Picoides pubescens</i>	X	X	X			
Dunlin	<i>Calidris alpina</i>				X	X	X
Dusky flycatcher	<i>Empidonax oberholseri</i>		X	X			
Eared grebe	<i>Podiceps nigricollis</i>				X	X	
Eurasian wigeon	<i>Anas penelope</i>	X			X	X	X
European starling	<i>Sturnus vulgaris</i>	X	X	X	X		X
Evening grosbeak	<i>Coccothraustes vespertinus</i>		X	X			
Ferruginous hawk	<i>Buteo regalis</i>	X	X	X	X	X	
Forster's tern	<i>Sterna forsteri</i>			X	X	X	
Fox sparrow	<i>Passerella iliaca</i>		X	X			X
Gadwall	<i>Anas strepera</i>	X			X	X	X
Glaucous-winged gull	<i>Larus glaucescens</i>						X
Golden eagle	<i>Aquila chrysaetos</i>	X	X	X	X		X

**Table B-2. Wildlife Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Common Name	Scientific Name	NATURAL COMMUNITY					
		Grassland	Oak Woodland and Savanna	Riparian	Wetland	Aquatic	Agriculture*
Golden-crowned kinglet	<i>Regulus satrapa</i>		X	X			
Golden-crowned sparrow	<i>Zonotrichia atricapilla</i>	X	X	X			X
Grasshopper sparrow	<i>Ammodramus savannarum</i>	X	X				X
Gray flycatcher	<i>Empidonax wrightii</i>		X				
Great blue heron	<i>Ardea herodias</i>	X	X	X	X	X	X
Great egret	<i>Ardea alba</i>	X	X	X	X	X	X
Great horned owl	<i>Bubo virginianus</i>	X	X	X	X		X
Greater roadrunner	<i>Geococcyx californianus</i>		X	X			X
Greater scaup	<i>Aythya marila</i>					X	
Greater white-fronted goose	<i>Anser albifrons</i>	X			X	X	X
Greater yellowlegs	<i>Tringa melanoleuca</i>			X	X	X	X
Green heron	<i>Butorides virescens</i>		X	X	X	X	X
Green-winged teal	<i>Anas crecca</i>	X			X	X	X
Hairy woodpecker	<i>Picoides villosus</i>		X	X			
Hammond's flycatcher	<i>Empidonax hammondi</i>		X	X			
Harlequin duck	<i>Histrionicus histrionicus</i>					X	
Harris's sparrow	<i>Zonotrichia querula</i>	X	X	X			X
Hermit thrush	<i>Catharus guttatus</i>		X	X			X
Hermit warbler	<i>Dendroica occidentalis</i>		X	X			
Herring gull	<i>Larus argentatus</i>					X	X
Hooded merganser	<i>Lophodytes cucullatus</i>			X	X	X	
Hooded oriole	<i>Icterus cucullatus</i>		X	X			X
Horned grebe	<i>Podiceps auritus</i>					X	
Horned lark	<i>Eremophila alpestris</i>	X	X	X			X
House finch	<i>Carpodacus mexicanus</i>	X	X	X			X
House sparrow	<i>Passer domesticus</i>		X	X			X

Table B-2. Wildlife Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)

Common Name	Scientific Name	NATURAL COMMUNITY					
		Grassland	Oak Woodland and Savanna	Riparian	Wetland	Aquatic	Agriculture*
House wren	<i>Troglodytes aedon</i>		X	X			X
Hutton's vireo	<i>Vireo huttoni</i>		X	X			
Indigo bunting	<i>Passerina cyanea</i>		X				
Killdeer	<i>Charadrius vociferus</i>	X	X	X	X	X	X
Lapland longspur	<i>Calcarius lapponicus</i>	X					X
Lark sparrow	<i>Chondestes grammacus</i>	X	X	X			X
Lawrence's goldfinch	<i>Carduelis lawrencei</i>	X	X	X			X
Lazuli bunting	<i>Passerina amoena</i>		X	X			
Least bittern	<i>Ixobrychus exilis</i>				X	X	
Least sandpiper	<i>Calidris minutilla</i>				X	X	X
Lesser goldfinch	<i>Carduelis psaltria</i>	X	X	X			X
Lesser nighthawk	<i>Chordeiles acutipennis</i>	X	X	X	X	X	X
Lesser scaup	<i>Aythya affinis</i>	X			X	X	
Lesser yellowlegs	<i>Tringa flavipes</i>				X	X	X
Lewis's woodpecker	<i>Melanerpes lewis</i>	X	X				
Lincoln's sparrow	<i>Melospiza lincolnii</i>	X	X	X	X		X
Loggerhead shrike	<i>Lanius ludovicianus</i>	X	X	X			X
Long-billed curlew	<i>Numenius americanus</i>	X		X	X	X	X
Long-billed dowitcher	<i>Limnodromus scolopaceus</i>				X	X	X
Long-eared owl	<i>Asio otus</i>	X	X	X			X
Macgillivray's warbler	<i>Oporornis tolmiei</i>		X	X			
Mallard	<i>Anas platyrhynchos</i>	X	X	X	X	X	X
Marbled godwit	<i>Limosa fedoa</i>	X			X	X	X
Marsh wren	<i>Cistothorus palustris</i>			X	X		
Merlin	<i>Falco columbarius</i>	X	X	X	X	X	

**Table B-2. Wildlife Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Common Name	Scientific Name	NATURAL COMMUNITY					
		Grassland	Oak Woodland and Savanna	Riparian	Wetland	Aquatic	Agriculture*
Mew gull	<i>Larus canus</i>					X	X
Mountain bluebird	<i>Sialia currucoides</i>	X	X	X			
Mountain chickadee	<i>Poecile gambeli</i>		X	X			
Mountain quail	<i>Oreortyx pictus</i>	X	X	X			
Mourning dove	<i>Zenaida macroura</i>	X	X	X			X
Nashville warbler	<i>Vermivora ruficapilla</i>		X	X			
Northern flicker	<i>Colaptes auratus</i>	X	X	X			
Northern goshawk	<i>Accipiter gentilis</i>		X	X			
Northern harrier	<i>Circus cyaneus</i>	X	X	X	X	X	X
Northern mockingbird	<i>Mimus polyglottos</i>	X	X	X			X
Northern pintail	<i>Anas acuta</i>	X			X	X	X
Northern pygmy owl	<i>Glaucidium gnoma</i>		X	X			
Northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>	X	X	X	X	X	X
Northern saw-whet owl	<i>Aegolius acadicus</i>		X	X			
Northern shoveler	<i>Anas clypeata</i>	X			X	X	X
Northern shrike	<i>Lanius excubitor</i>	X		X			X
Nuttall's woodpecker	<i>Picoides nuttallii</i>		X	X			
Oak titmouse	<i>Baeolophus inornatus</i>		X	X			
Olive-sided flycatcher	<i>Contopus cooperi</i>		X				
Orange-crowned warbler	<i>Vermivora celata</i>		X	X			
Osprey	<i>Pandion haliaetus</i>	X	X	X	X	X	
Pacific-slope flycatcher	<i>Empidonax difficilis</i>		X	X			
Pectoral sandpiper	<i>Calidris melanotos</i>					X	
Peregrine falcon	<i>Falco peregrinus</i>	X	X	X	X	X	X
Phainopepla	<i>Phainopepla nitens</i>		X	X			

**Table B-2. Wildlife Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Common Name	Scientific Name	NATURAL COMMUNITY					
		Grassland	Oak Woodland and Savanna	Riparian	Wetland	Aquatic	Agriculture*
Pied-billed grebe	<i>Podilymbus podiceps</i>					X	
Pileated woodpecker	<i>Dryocopus pileatus</i>		X				
Pine siskin	<i>Carduelis pinus</i>	X	X	X			
Plumbeous vireo	<i>Vireo plumbeus</i>		X	X			
Prairie falcon	<i>Falco mexicanus</i>	X	X	X	X		X
Purple finch	<i>Carpodacus purpureus</i>		X	X			X
Purple martin	<i>Progne subis</i>	X	X	X	X	X	
Red crossbill	<i>Loxia curvirostra</i>		X				
Red phalarope	<i>Phalaropus fulicarius</i>				X	X	
Red-breasted merganser	<i>Mergus serrator</i>					X	
Red-breasted nuthatch	<i>Sitta canadensis</i>		X	X			
Red-breasted sapsucker	<i>Sphyrapicus ruber</i>		X	X			
Redhead	<i>Aythya americana</i>				X	X	
Red-necked phalarope	<i>Phalaropus lobatus</i>				X	X	
Red-shouldered hawk	<i>Buteo lineatus</i>	X	X	X	X		X
Red-tailed hawk	<i>Buteo jamaicensis</i>	X	X	X	X		X
Red-winged blackbird	<i>Agelaius phoeniceus</i>	X	X	X	X		X
Ring-billed gull	<i>Larus delawarensis</i>	X			X	X	X
Ring-necked duck	<i>Aythya collaris</i>				X	X	
Ring-necked pheasant	<i>Phasianus colchicus</i>	X	X	X	X		X
Rock pigeon	<i>Columba livia</i>	X	X				X
Rock wren	<i>Salpinctes obsoletus</i>	X	X	X			
Ross's goose	<i>Chen rossii</i>	X			X	X	X
Rough-legged hawk	<i>Buteo lagopus</i>	X	X	X	X		X
Ruby-crowned kinglet	<i>Regulus calendula</i>		X	X			

**Table B-2. Wildlife Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Common Name	Scientific Name	NATURAL COMMUNITY					
		Grassland	Oak Woodland and Savanna	Riparian	Wetland	Aquatic	Agriculture*
Ruddy duck	<i>Oxyura jamaicensis</i>			X	X	X	
Rufous hummingbird	<i>Selasphorus rufus</i>		X	X			
Rufous-crowned sparrow	<i>Aimophila ruficeps</i>	X	X	X			
Sandhill crane	<i>Grus canadensis</i>	X		X	X	X	X
Savannah sparrow	<i>Passerculus sandwichensis</i>	X	X	X			X
Say's phoebe	<i>Sayornis saya</i>	X	X	X			X
Semipalmated plover	<i>Charadrius semipalmatus</i>	X			X		X
Sharp-shinned hawk	<i>Accipiter striatus</i>	X	X	X			
Short-billed dowitcher	<i>Limnodromus griseus</i>				X	X	X
Short-eared owl	<i>Asio flammeus</i>	X	X	X	X		X
Snow goose	<i>Chen caerulescens</i>	X			X	X	X
Snowy egret	<i>Egretta thula</i>		X	X	X	X	X
Song sparrow	<i>Melospiza melodia</i>	X	X	X	X	X	X
Sora	<i>Porzana carolina</i>				X		
Spotted owl	<i>Strix occidentalis</i>		X	X			
Spotted sandpiper	<i>Actitis macularia</i>	X		X	X	X	
Spotted towhee	<i>Pipilo maculatus</i>		X	X			X
Steller's jay	<i>Cyanocitta stelleri</i>		X				X
Swainson's hawk	<i>Buteo swainsoni</i>	X	X	X			X
Swainson's thrush	<i>Catharus ustulatus</i>		X	X			X
Thayer's gull	<i>Larus thayeri</i>					X	
Townsend's solitaire	<i>Myadestes townsendi</i>		X				
Townsend's warbler	<i>Dendroica townsendi</i>		X	X			
Tree swallow	<i>Tachycineta bicolor</i>	X	X	X	X	X	X
Tricolored blackbird	<i>Agelaius tricolor</i>	X	X	X	X		X
Tundra swan	<i>Cygnus columbianus</i>	X			X	X	X

**Table B-2. Wildlife Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Common Name	Scientific Name	NATURAL COMMUNITY					
		Grassland	Oak Woodland and Savanna	Riparian	Wetland	Aquatic	Agriculture*
Turkey vulture	<i>Cathartes aura</i>	X	X	X		X	X
Varied thrush	<i>Ixoreus naevius</i>		X	X			
Vaux's swift	<i>Chaetura vauxi</i>	X	X	X	X	X	X
Vesper sparrow	<i>Pooecetes gramineus</i>	X	X	X			X
Violet-green swallow	<i>Tachycineta thalassina</i>	X	X	X	X	X	X
Virginia rail	<i>Rallus limicola</i>			X	X		
Warbling vireo	<i>Vireo gilvus</i>		X	X			X
Western bluebird	<i>Sialia mexicana</i>	X	X	X			X
Western grebe	<i>Aechmophorus occidentalis</i>				X	X	
Western kingbird	<i>Tyrannus verticalis</i>	X	X	X	X		X
Western meadowlark	<i>Sturnella neglecta</i>	X	X	X			X
Western sandpiper	<i>Calidris mauri</i>				X	X	X
Western screech owl	<i>Megascops kennicottii</i>	X	X	X			
Western scrub-jay	<i>Aphelocoma californica</i>		X	X			
Western tanager	<i>Piranga ludoviciana</i>		X	X			
Western wood-pewee	<i>Contopus sordidulus</i>		X	X			
Whimbrel	<i>Numenius phaeopus</i>	X			X		X
White-breasted nuthatch	<i>Sitta carolinensis</i>		X	X			
White-crowned sparrow	<i>Zonotrichia leucophrys</i>	X	X	X			X
White-faced ibis	<i>Plegadis chihi</i>	X			X	X	X
White-tailed kite	<i>Elanus leucurus</i>	X	X	X	X		X
White-throated sparrow	<i>Zonotrichia albicollis</i>	X	X	X			X
White-throated swift	<i>Aeronautes saxatalis</i>	X	X	X	X	X	X
Wild turkey	<i>Meleagris gallopavo</i>	X	X	X			X
Willet	<i>Catoptrophorus semipalmatus</i>	X			X	X	X

**Table B-2. Wildlife Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Common Name	Scientific Name	NATURAL COMMUNITY					
		Grassland	Oak Woodland and Savanna	Riparian	Wetland	Aquatic	Agriculture*
Willow flycatcher	<i>Empidonax traillii</i>		X	X			
Wilson's phalarope	<i>Phalaropus tricolor</i>	X			X	X	
Wilson's snipe	<i>Gallinago delicata</i>			X	X	X	
Wilson's warbler	<i>Wilsonia pusilla</i>		X	X			
Winter wren	<i>Troglodytes troglodytes</i>		X	X			
Wood duck	<i>Aix sponsa</i>		X	X	X	X	
Wrentit	<i>Chamaea fasciata</i>		X	X			
Yellow warbler	<i>Dendroica petechia</i>		X	X			
Yellow-billed cuckoo	<i>Coccyzus americanus</i>			X			
Yellow-billed magpie	<i>Pica nuttalli</i>	X	X	X			X
Yellow-breasted chat	<i>Icteria virens</i>			X			
Yellow-headed blackbird	<i>Xanthocephalus xanthocephalus</i>	X			X	X	X
Yellow-rumped warbler	<i>Dendroica coronata</i>	X	X	X	X		X
<b>Mammals</b>							
Allen's chipmunk	<i>Neotamias senex</i>		X	X			
American badger	<i>Taxidea taxus</i>	X	X	X			X
American beaver	<i>Castor canadensis</i>			X	X	X	
American mink	<i>Mustela vison</i>			X	X	X	
Belding's ground squirrel	<i>Spermophilus beldingi</i>	X					X
Big brown bat	<i>Eptesicus fuscus</i>	X	X	X	X	X	X
Black bear	<i>Ursus americanus</i>	X	X	X			
Black rat	<i>Rattus rattus</i>		X	X			X
Black-tailed jackrabbit	<i>Lepus californicus</i>	X	X	X			X
Bobcat	<i>Lynx rufus</i>	X	X	X	X		X
Botta's pocket gopher	<i>Thomomys bottae</i>	X	X	X			X



**Table B-2. Wildlife Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Common Name	Scientific Name	NATURAL COMMUNITY					
		Grassland	Oak Woodland and Savanna	Riparian	Wetland	Aquatic	Agriculture*
Brazilian free-tailed bat	<i>Tadarida brasiliensis</i>	X	X	X	X	X	X
Broad-footed mole	<i>Scapanus latimanus</i>	X	X	X			
Brush mouse	<i>Peromyscus boylii</i>	X	X	X			
Brush rabbit	<i>Sylvilagus bachmani</i>	X	X	X			X
Bushy-tailed woodrat	<i>Neotoma cinerea</i>	X		X			
California ground squirrel	<i>Spermophilus beecheyi</i>	X	X	X			X
California kangaroo rat	<i>Dipodomys californicus</i>	X	X	X			X
California myotis	<i>Myotis californicus</i>	X	X	X	X	X	X
California vole	<i>Microtus californicus</i>	X	X	X	X		X
Common muskrat	<i>Ondatra zibethicus</i>			X	X	X	
Common porcupine	<i>Erethizon dorsatum</i>	X	X	X	X		
Coyote	<i>Canis latrans</i>	X	X	X	X		X
Deer mouse	<i>Peromyscus maniculatus</i>	X	X	X	X		X
Desert cottontail	<i>Sylvilagus audubonii</i>	X	X	X			X
Dusky-footed woodrat	<i>Neotoma fuscipes</i>	X	X	X			
Fringed myotis	<i>Myotis thysanodes</i>	X	X	X		X	X
Golden-mantled ground Squirrel	<i>Spermophilus lateralis</i>	X		X			
Gray fox	<i>Urocyon cinereoargenteus</i>	X	X	X	X		X
Hoary bat	<i>Lasiurus cinereus</i>	X	X	X	X	X	X
House mouse	<i>Mus musculus</i>	X	X	X	X		X
Little brown myotis	<i>Myotis lucifugus</i>	X	X	X	X	X	
Long-eared myotis	<i>Myotis evotis</i>	X	X	X	X	X	X
Long-legged myotis	<i>Myotis volans</i>	X	X	X		X	X
Long-tailed vole	<i>Microtus longicaudus</i>	X			X		X
Long-tailed weasel	<i>Mustela frenata</i>	X	X	X			X

**Table B-2. Wildlife Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Common Name	Scientific Name	NATURAL COMMUNITY					
		Grassland	Oak Woodland and Savanna	Riparian	Wetland	Aquatic	Agriculture*
Montane vole	<i>Microtus montanus</i>	X			X		X
Mountain lion	<i>Puma concolor</i>	X	X	X			
Mountain pocket gopher	<i>Thomomys monticola</i>	X					
Mule deer	<i>Odocoileus hemionus</i>	X	X	X	X		X
Northern flying squirrel	<i>Glaucomys sabrinus</i>		X	X			
Northern river otter	<i>Lontra canadensis</i>			X	X	X	
Norway rat	<i>Rattus norvegicus</i>		X	X			X
Ornate shrew	<i>Sorex ornatus</i>	X	X	X	X		X
Pallid bat	<i>Antrozous pallidus</i>	X	X	X		X	X
Pinyon mouse	<i>Peromyscus truei</i>	X	X	X			
Raccoon	<i>Procyon lotor</i>	X	X	X	X	X	X
Red fox	<i>Vulpes vulpes</i>	X	X				X
Ringtail	<i>Bassariscus astutus</i>	X		X			X
San Joaquin pocket mouse	<i>Perognathus inornatus</i>	X	X	X			
Silver-haired bat	<i>Lasionycteris noctivagans</i>	X	X	X		X	X
Spotted bat	<i>Euderma maculatum</i>	X	X	X		X	
Striped skunk	<i>Mephitis mephitis</i>	X	X	X	X		X
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	X	X	X		X	X
Trowbridge's shrew	<i>Sorex trowbridgii</i>		X	X			
Vagrant shrew	<i>Sorex vagrans</i>	X	X	X	X		
Virginia opossum	<i>Didelphis virginiana</i>	X	X	X	X		X
Water shrew	<i>Sorex palustris</i>	X				X	
Western gray squirrel	<i>Sciurus griseus</i>		X	X			
Western harvest mouse	<i>Reithrodontomys megalotis</i>	X	X	X	X		X
Western mastiff bat	<i>Eumops perotis</i>	X	X	X	X		X
Western pipistrelle	<i>Pipistrellus hesperus</i>	X	X	X		X	X

**Table B-2. Wildlife Species Known to Occur or that Could Occur within the Natural Communities Delineated within the Planning Area (continued)**

Common Name	Scientific Name	NATURAL COMMUNITY					
		Grassland	Oak Woodland and Savanna	Riparian	Wetland	Aquatic	Agriculture*
Western red bat	<i>Lasiurus blossevillii</i>	X	X	X	X	X	X
Western small-footed myotis	<i>Myotis ciliolabrum</i>	X	X	X	X	X	X
Western spotted skunk	<i>Spilogale gracilis</i>	X	X	X			X
Wild pig	<i>Sus scrofa</i>	X	X	X			X
Yellow-bellied marmot	<i>Marmota flaviventris</i>	X					
Yuma myotis	<i>Myotis yumanensis</i>	X	X	X	X	X	X
<b>Total Number of Species</b>	<b>382</b>	<b>206</b>	<b>254</b>	<b>270</b>	<b>163</b>	<b>171</b>	<b>196</b>

\* does not include species associated with 213 acres of non-native woodland