

APPENDIX 5D

LIST OF PLANT SPECIES OBSERVED DURING THE PLANT SURVEYS BY PROJECT SECTION

APPENDIX Table 5D-1. List of Plant Species Observed During TES Plant Surveys by Project Section

	Iron Gate - Shasta	Iron Gate Reservoir	Fall Creek	Copco No. 2 bypass	Copco Reservoir	J.C. Boyle Ramped Reach	J.C. Boyle bypass reach	J.C. Boyle Reservoir	Keno Reach	Keno Reservoir	Link River
ACERACEAE											
<i>Acer macrophyllum</i> (Big-leaf maple)		X		X	X	X					X
<i>Acer negundo</i> (Box elder)			X							X	
ALISMATACEAE											
<i>Alisma plantago-aquatica</i> (Water plantain)								X		X	X
ANACARDIACEAE											
<i>Rhus trilobata</i> (Three-leaf sumac)	X	X	X	X	X	X					
<i>Toxicodendron diversilobum</i> (Poison oak)	X	X	X	X	X	X					
APIACEAE											
<i>Angelica</i> spp.			X								
<i>Angelica arguta</i> (Angelica)			X								
<i>Anthriscus caucalis</i> (Bur-chervil)	X	X	X	X	X	X	X	X	X	X	X
<i>Cicuta douglasii</i> (Western water hemlock)			X			X	X	X		X	X
<i>Conium maculatum</i> (Poison hemlock)	X	X	X		X	X	X		X	X	X
<i>Daucus carota</i> (Queen Anne's lace)	X	X	X								
<i>Daucus pusillus</i> (American wild carrot)	X	X	X	X	X	X					
<i>Eryngium alismaefolium</i> (Modoc eryngo)			X	X	X	X					
<i>Foeniculum vulgare</i> (Sweet fennel)	X										
<i>Heracleum lanatum</i> (Cow parsnip)			X		X	X					
<i>Ligusticum californicum</i> (California licorice root)		X	X								
<i>Lomatium californicum</i> (California lomatium)	X		X			X					
<i>Lomatium dissectum</i> (Fern-leaf lomatium)	X	X	X	X		X	X				
<i>Lomatium macrocarpum</i> (Large-seeded lomatium)	X	X	X	X	X	X	X				
<i>Lomatium nudicaule</i> (Pestle lomatium)	X	X	X	X	X	X	X	X	X	X	
<i>Lomatium triternatum</i> var. <i>triternatum</i> (Nine-leafed lomatium)	X	X	X	X	X	X					
<i>Lomatium utriculatum</i> (Spring gold lomatium)	X	X	X	X	X	X					
<i>Lomatium vaginatum</i> (Lomatium)	X		X			X					
<i>Osmorhiza chilensis</i> (Sweet cicely)			X	X	X	X	X	X	X		
<i>Osmorhiza occidentalis</i> (Western sweet cicely)	X					X	X		X		
<i>Osmorhiza</i> sp.					X						
<i>Perideridia erythrorhiza</i> (Red-root yampa)						X?		X?			
<i>Perideridia gairdneri</i> ssp. <i>borealis</i> (Gairdner's yampa)						X		X			
<i>Perideridia howellii</i> (Howell's yampa)					X	X					
<i>Perideridia oregana</i> (Oregon yampa)	X	X	X	X	X	X	X				
<i>Sanicula</i> spp.			X								
<i>Sanicula crassicaulis</i> (Sanicle)					X	X					
<i>Sanicula graveolens</i> (Poison sanicle)			X		X						
<i>Sphenosciadium capitellatum</i> (Ranger buttons)								X			
<i>Torilis nodosa</i> (Knotted hedge-parsley)	X	X	X	X	X	X	X				
APOCYNACEAE											
<i>Apocynum androsaemifolium</i> (Bitter dogbane)		X			X	X	X	X	X		
<i>Apocynum cannabinum</i> (Indian hemp)					X	X					
ASCLEPIADACEAE											
<i>Asclepias cordifolia</i> (Heart-leaf milkweed)		X			X	X					
<i>Asclepias eriocarpa</i> (Woolypod milkweed)					X						
<i>Asclepias fascicularis</i> (Narrow-leaf milkweed)		X	X		X						
<i>Asclepias speciosa</i> (Common milkweed)		X				X					
<i>Asclepias</i> sp.	X				X	X					
ASTERACEAE											
<i>Achillea millefolium</i> var. <i>lanulosa</i> (Common yarrow)	X	X	X	X	X	X	X	X	X	X	X
<i>Achyrachaena mollis</i> (Blow-wives)			X		X						
<i>Ageratina occidentalis</i> (Western snakeroot)					X	X	X				
<i>Agoseris grandiflora</i> (Bigflower agoseris)						X	X	X			
<i>Agoseris heterophylla</i> (Woodland agoseris)						X			X		
<i>Agoseris retrorsa</i> (Spear-leafed agoseris)		X	X	X	X				X		
<i>Ambrosia psilostachya</i> (Cuman ragweed)		X			X	X				X	
<i>Anaphalis margaritacea</i> (Pearly everlasting)						X					
<i>Ancistrocarphus filagineus</i> (Wooly fishhooks)		X									
<i>Antennaria argentea</i> (Silvery everlasting)						X	X	X	X		

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	Iron Gate - Shasta	Iron Gate Reservoir	Fall Creek	Copco No. 2 bypass	Copco Reservoir	J.C. Boyle Ramped Reach	J.C. Boyle bypass reach	J.C. Boyle Reservoir	Keno Reach	Keno Reservoir	Link River
<i>Antennaria dimorpha</i> (Everlasting)			X								
<i>Antennaria rosea</i> ssp. <i>rosea</i> (Pink pussy-toes)			X								
<i>Anthemis cotula</i> (Dog-fennel)		X	X	X	X	X					
<i>Arctium minus</i> (Lesser burdock)	X	X			X					X	
<i>Arnica cordifolia</i> (Heart-leaved arnica)					X	X					
<i>Arnica</i> sp.					X						
<i>Artemisia douglasiana</i> (Mugwort)	X	X	X	X	X	X		X		X	
<i>Artemisia tridentata</i> (Sagebrush)			X			X		X		X	X
<i>Aster eatonii</i> (Eaton's aster)			X			X	X	X	X	X	
<i>Aster frondosa</i> (Leafy rayless aster)						X		X	X	X	
<i>Aster occidentalis</i> var. <i>occidentalis</i> (Western aster)								X			
<i>Aster</i> sp.			X		X	X		X			X
<i>Balsamorhiza deltoidea</i> (Deltoid balsamroot)		X	X		X	X					X
<i>Balsamorhiza sagittata</i> (Arrow-leaf balsamroot)	X				X	X	X				
<i>Bidens cernua</i> var. <i>cernua</i> (Nodding bur-marigold)					X	X		X		X	
<i>Bidens frondosa</i> (Devil's beggartick)	X	X	X	X	X	X	X	X	X	X	X
<i>Blepharipappus scaber</i> (Rough eyelash)	X	X	X	X	X	X					
<i>Calycadenia truncata</i> (Oregon western rosinweed)			X			X					
<i>Centaurea solstitialis</i> (Yellow starthistle)	X	X	X	X	X	X	X	X	X	X	X
<i>Centromadia fitchii</i> (Fitch's tarweed)					X						
<i>Chaenactis douglasii</i> (Dusty maiden)		X								X	
<i>Chamomilla suaveolens</i> (Pineapple weed)	X	X	X		X						
<i>Chrysothamnus nauseosus</i> (Gray rabbitbrush)	X	X	X	X	X	X	X	X	X	X	X
<i>Chrysothamnus viscidiflorus</i> ssp. <i>viscidiflorus</i> (Green rabbitbrush)							X	X		X	X
<i>Cichorium intybus</i> (Chicory)	X	X	X	X	X	X		X			
<i>Cirsium arvense</i> (Canada thistle)	X	X	X		X	X	X	X		X	X
<i>Cirsium cymosum</i> (Peregrine thistle)	X	X	X	X	X	X					
<i>Cirsium occidentale</i> var. <i>candissimum</i> (Snowy thistle)	X	X									
<i>Cirsium</i> sp.			X								
<i>Cirsium vulgare</i> (Bull thistle)	X	X	X	X	X	X	X	X	X	X	X
<i>Conyza canadensis</i> (Horseweed)	X										
<i>Crepis acuminata</i> (Long-leaf hawksbeard)									X		
<i>Crepis intermedia</i> (Intermediate hawksbeard)					X	X	X	X			
<i>Crepis occidentalis</i> (Western hawksbeard)								X	X		
<i>Crepis</i> spp.		X	X		X	X	X				
<i>Crocidium multicaule</i> (Spring-gold)	X	X	X		X						
<i>Ericameria bloomeri</i> (Goldenbush)						X	X	X	X	X	
<i>Ericameria linearifolia</i> (Interior goldenbush)						X		X	X		
<i>Erigeron annuus</i> (Sweet scabious erigeron)			X			X				X	
<i>Erigeron inornatus</i> (California rayless fleabane)			X			X	X		X		
<i>Erigeron philadelphicus</i> (Philadelphia fleabane)			X								
<i>Erigeron</i> sp.			X		X						
<i>Eriophyllum lanatum</i> (Woolly sunflower)	X	X	X	X	X	X	X	X	X	X	X
<i>Eupatorium occidentale</i>		X									
<i>Euthamia occidentalis</i> (Western goldenrod)	X	X	X	X	X	X	X	X	X	X	X
<i>Gnaphalium</i> sp.					X						
<i>Grindelia camporum</i> ssp. <i>camporum</i> (Gumweed)					X						
<i>Grindelia nana</i> (Gumweed)	X			X	X	X				X	
<i>Helenium autumnale</i> (Common sneezeweed)			X			X	X	X	X	X	X
<i>Helianthus annuus</i> (Common sunflower)	X	X	X		X	X	X	X	X	X	
<i>Helianthus bolanderi</i> (Bolander's sunflower)		X				X		X?			
<i>Hieracium albiflorum</i> (White flowered hawkweed)			X		X	X	X				
<i>Iva axillaris</i> (Poverty weed)										X	
<i>Lactuca</i> sp.				X							
<i>Lactuca saligna</i> (Willow lettuce)			X								
<i>Lactuca serriola</i> (Prickly lettuce)	X	X	X	X	X	X	X	X	X	X	X
<i>Lactuca virosa</i> (Bitter lettuce)						X					
<i>Lagophylla ramosissima</i> ssp. <i>ramosissima</i> (Slender rabbit-leaf)		X	X	X	X	X	X				
<i>Leucanthemum vulgare</i> (Ox-eye daisy)		X	X		X	X					
<i>Machaeranthera canescens</i> (Hoary tansyaster)									X		
<i>Madia citriodora</i> (Lemon-scented tarweed)		X			X						
<i>Madia elegans</i> ssp. <i>elegans</i> (Elegant tarweed)		X		X		X		X			
<i>Madia glomerata</i> (Mountain tarweed)		X									

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<i>Madia gracilis</i> (Slender tarweed)			X		X	X			X		
<i>Madia minima</i> (Small tarweed)			X			X					
<i>Madia</i> sp.			X	X	X	X	X				
<i>Micropus californicus</i> (Slender cottonweed)					X						
<i>Microseris nutans</i> (Nodding microseris)						X	X				
<i>Nothocalais troximoides</i> (False agoseris)	X	X	X	X	X	X	X	X	X		
<i>Onopordum anacanthium</i> (Scotch thistle)									X		
<i>Onopordum tauricum</i> (Taurian thistle)									X?		
<i>Psilocarphus tenellus</i> var. <i>tenellus</i> (Woolly-heads)			X								
<i>Rigopappus leptocladus</i> (Bristle-head)		X		X							
<i>Senecio hydrophilus</i> (Swamp ragwort)								X			
<i>Senecio integerrimus</i> var. <i>exaltatus</i> (Tall ragwort)			X			X	X				
<i>Sonchus asper</i> ssp. <i>asper</i> (Prickly sow thistle)	X		X					X		X	
<i>Sphaeromeria potentilloides</i> (Fivefinger chickensage)										X	
<i>Stephanomeria exiqua</i> (Small wire lettuce)		X			X						
<i>Stephanomeria lactucina</i> (Lettuce wire lettuce)			X		X	X			X		
<i>Taraxacum officinale</i> (Dandelion)	X		X			X		X		X	X
<i>Tragopogon dubius</i> (Yellow salsify)	X	X	X	X	X	X	X	X	X	X	X
<i>Tragopogon porrifolium</i> (Oyster plant)						X					
<i>Uropappus lindleyi</i> (Silver puffs)		X	X	X		X					
<i>Wyethia angustifolia</i> (Narrow-leaf mule's ears)				X	X						
<i>Xanthium spinosum</i> (Spiny cocklebur)						X					
<i>Xanthium strumarium</i> (Cocklebur)	X	X	X		X						
AZOLLACEAE											
<i>Azolla filiculoides</i> (Pacific mosquito fern)	X										
BERBERIDACEAE											
<i>Berberis aquifolium</i> (Oregon grape)	X	X	X	X	X	X	X	X	X		
BETULACEAE											
<i>Alnus rhombifolia</i> (White alder)	X	X	X	X	X	X	X				
<i>Betula occidentalis</i> (Western birch)			X	X	X	X				X	X
BORAGINACEAE											
<i>Amsinckia menziesii</i> var. <i>intermedia</i> (Fiddleneck)	X	X	X	X	X	X	X				
<i>Anchusa officinalis</i> (Common bugloss)			X								
<i>Cryptantha flaccida</i> (Weak stemmed cryptantha)	X	X	X	X	X	X					
<i>Cryptantha milobakeri</i> (Milobaker's cryptantha)		X	X		X	X					
<i>Cryptantha</i> sp. (<i>Cryptantha</i>)	X	X	X	X	X	X	X				
<i>Myosotis laxa</i> (Bay forget-me-not)		X	X	X	X	X	X	X	X	X	X
<i>Myosotis sylvatica</i> (Forget-me-not)			X	X							
<i>Plagiobothrys bracteatus</i> (Bracted allocarya)			X								
<i>Plagiobothrys</i> sp. (Popcorn flower)	X	X									
<i>Plagiobothrys stipitatus</i>			X								
BRASSICACEAE											
<i>Alyssum alyssoides</i> (Small alyssum)	X	X	X	X	X	X	X	X	X	X	
<i>Arabis glabra</i> (Tower rockcress)					X		X		X		
<i>Athysanus pusillus</i> (Sandweed)	X	X	X	X	X	X	X	X			
<i>Barbarea orthoceras</i> (American wintercress)	X	X	X	X							X
<i>Brassica nigra</i> (Black mustard)	X	X				X				X	
<i>Brassica rapa</i> (Field mustard)										X	
<i>Camelina microcarpa</i> (Falseflax)		X	X								
<i>Capsella bursa-pastoris</i> (Shepherd's purse)					X						
<i>Cardamine oligosperma</i>			X		X						
<i>Cardaria draba</i> (Whitetop)	X			X		X			X	X	
<i>Descurainia</i> sp. (Tansy mustard)		X				X			X	X	
<i>Descurainia pinnata</i> (Tansy mustard)		X	X			X				X	
<i>Descurainia sophia</i> (Tansy mustard)			X								
<i>Draba verna</i> (Whitlow grass)			X	X	X	X		X			
<i>Erysimum capitatum</i> ssp. <i>capitatum</i> (Western wallflower)			X								
<i>Erysimum cheiranthoides</i> (Wormseed wallflower)									X		
<i>Hirschfeldia incana</i> (Shortpod mustard)	X	X				X					
<i>Isatis tinctoria</i> (Dyer's woad)		X	X								

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<i>Lepidium campestre</i> (Field pepperweed)	X	X	X		X	X	X	X	X	X	
<i>Lepidium nitidum</i> (Shining pepperweed)		X									
<i>Lepidium perfoliatum</i> (Peppergrass)					X						
<i>Phoeniculis cheiranthoides</i> (Dagger-pod)									X		
<i>Rorippa columbiae</i> (Columbia yellowcress)										X	
<i>Rorippa curvipes</i> (Blunt leaf yellowcress)										X	
<i>Rorippa nasturtium-aquaticum</i> (Watercress)	X	X			X	X	X				
<i>Sisymbrium altissimum</i> (Tumble mustard)	X	X	X	X	X	X	X		X	X	X
<i>Thelypodium brachycarpum</i> (Short-podded thelypodium)										X	
<i>Thysanocarpus curvipes</i> (Lace-pod)	X	X	X	X	X	X	X				
CAMPANULACEAE											
<i>Downingia bacigalupii</i> (Downingia)			X						X		
CAPRIFOLIACEAE											
<i>Lonicera ciliosa</i> (Orange honeysuckle)	X	X	X	X	X	X	X				
<i>Lonicera hispidula</i> var. <i>vacillans</i> (Hairy honeysuckle)						X					
<i>Lonicera interrupta</i> (Chaparral honeysuckle)		X	X	X	X	X					
<i>Lonicera involucrata</i> (Twinberry honeysuckle)						X					
<i>Sambucus mexicana</i> (Blue elderberry)					X	X	X	X	X		
<i>Symphoricarpos albus</i> var. <i>laevigatus</i> (Snowberry)	X		X		X		X	X	X	X	
<i>Symphoricarpos mollis</i> (Creeping snowbeny)		X	X		X	X	X	X			
<i>Symphoricarpos rotundifolius</i> var. <i>rotundifolius</i> (Mountain snowberry)	X										
CARYOPHYLLACEAE											
<i>Arenaria</i> sp.			X		X						
<i>Arenaria serpyllifolia</i> ssp. <i>serpyllifolia</i> (Sandwort)	X	X	X	X	X	X		X			
<i>Cerastium glomeratum</i> (Mouse-ear chickweed)			X		X						
<i>Cerastium arvense</i> (field chickweed)			X		X						
<i>Dianthus</i> sp.						X					
<i>Holosteum umbellatum</i> ssp. <i>umbellatum</i> (Jagged chickweed)									X		
<i>Minuartia douglasii</i> (Sandwort)		X	X	X							
<i>Minuartia nuttallii</i> ssp. <i>gregaria</i> (Nuttall's Sandwort)		X									
<i>Moehringia macrophylla</i> (Large flowered moehringia)		X	X	X	X	X		X	X		
<i>Pseudostellaria jamesiana</i> (Tuber starwort)					X		X				
<i>Saponaria officinalis</i> (Bouncing bet)	X				X	X					X
<i>Scleranthus annuus</i> ssp. <i>annuus</i> (Knapel)	X	X	X	X	X						
<i>Silene campanulata</i> (Red mountain catchfly)						X					
<i>Silene gallica</i> (Pioneer flower)		X		X							
<i>Silene lemmonii</i> (Lemmon's campion)						X?					
<i>Spergula</i> sp. (Spurry)						X					
<i>Stellaria media</i> (Common chickweed)						X					
CELASTRACEAE											
<i>Paxistima myrsinites</i> (boxwood)							X				
CERATOPHYLLACEAE											
<i>Ceratophyllum demersum</i> (Hornwort)	X	X	X							X	
CHENOPODIACEAE											
<i>Atriplex argentea</i> var. <i>hillmanii</i> (Silverscale)										X	
<i>Atriplex patula</i> var. <i>hastata</i> (Spearleaf orache)										X	
<i>Atriplex pusila</i> (Saltbrush)			X	X		X				X	
<i>Atriplex</i> sp. (Spearscale)										X	
<i>Bassia hyssopifolia</i> (Fivehorn smotherweed)			X			X				X	
<i>Chenopodium alba</i> (Pigweed)						X		X	X		
<i>Chenopodium ambrosioides</i> (Mexican tea)	X					X					
<i>Chenopodium rubrum</i> (Red goosefoot)										X	
<i>Nitrophila occidentalis</i> (Boraxweed)										X	
<i>Salsola tragus</i> (Russian thistle)										X	
<i>Sarcobatus vermiculatus</i> (Greasewood)										X	
CONVOLVULACEAE											
<i>Calystegia occidentalis</i> ssp. <i>occidentalis</i> (Morning glory)		X			X						
<i>Calystegia</i> sp.			X						X		
<i>Convolvulus arvensis</i> (Morning glory)	X	X		X		X		X	X	X	

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CORNACEAE											
<i>Cornus glabrata</i> (Smooth dogwood)		X	X	X	X	X	X		X		X
<i>Cornus sericea</i> (Red osier dogwood)		X	X		X	X		X			X
CRASSULACEAE											
<i>Sedum lanceolatum</i> (Sedum)						X					
<i>Sedum stenopetalum</i> (Worm-leaf stonecrop)						X					
CUCURBITACEAE											
<i>Marah oreganus</i> (Man-root, Wild cucumber)					X						
<i>Marah</i> sp.				X							
CUPRESSACEAE											
<i>Calocedrus decurrens</i> (Incense cedar)			X	X	X	X	X			X	
<i>Juniperus occidentalis</i> var. <i>occidentalis</i> (Western juniper)	X	X	X	X	X	X	X	X	X	X	X
CUSCUTACEAE											
<i>Cuscuta salina</i> (Saltmarsh dodder)										X	
CYPERACEAE											
<i>Carex atherodes</i> (Wheat sedge)	X			X	X	X					
<i>Carex athrostachya</i> (Slender beaked sedge)	X	X	X	X	X	X	X	X		X	X
<i>Carex cusickii</i> (Cusick's sedge)						X					
<i>Carex deweyana</i> (Bolander's sedge)			X								
<i>Carex diandra</i> (Lesser-panicled sedge)											
<i>Carex echinata</i> (Star sedge)								X?			
<i>Carex hystericina</i> (Northwest territory sedge)??								X			
<i>Carex lanuginosa</i> (Wooly sedge)	X		X		X	X		X	X	X	X
<i>Carex multicaulis</i> (Manystemmed sedge)			X	X	X	X		X			
<i>Carex nebrascensis</i> (Nebraska Sedge)	X	X	X	X	X	X		X		X	
<i>Carex nudata</i> (River sedge)	X										
<i>Carex pragracilis</i> (Clustered field sedge)		X	X	X		X		X	X	X	
<i>Carex praticola</i> (Meadow sedge)						X					
<i>Carex rossii</i> (Ross' sedge)								X	X		
<i>Carex simulata</i> (Analogue sedge)						X					
<i>Carex stipata</i> (Stipitate sedge)	X		X		X	X		X			
<i>Carex vulpinoidea</i> (Fox sedge) (like <i>C. densa</i>)					X	X	X				
<i>Carex</i> sp. (Sedge)	X	X			X		X	X		X	
<i>Cyperus eragrostis</i> (Tall flatsedge)				X							
<i>Eleocharis acicularis</i> (Needle spikerush)					X			X			
<i>Eleocharis macrostachya</i> (Marsh spikerush)	X	X	X	X	X	X	X	X	X	X	X
<i>Scirpus acutus</i> (Hardstem bulrush)	X	X	X		X	X	X	X	X	X	X
<i>Scirpus fluviatilis</i> (River bulrush)							X		X		
<i>Scirpus maritimus</i> (Alkali bulrush)									X	X	
<i>Scirpus microcarpus</i> (Panicled bulrush)	X	X			X	X	X	X		X	X
<i>Scirpus pendulus</i> (Pendulus bulrush)					X	X					
DENNSTAEDTIACEAE											
<i>Pteridium aquilinum</i> var. <i>pubescens</i> (Bracken fern)						X					
DIPSACACEAE											
<i>Dipsacus fullonum</i> (Teasel)	X	X	X	X	X	X	X	X	X	X	
DRYOPTERIDACEAE											
<i>Athyrium filix-femina</i> var. <i>cyclosorum</i> (Lady fern)			X								
<i>Cystopteris fragilis</i> (Brittle bladder fern)			X	X		X	X				
<i>Polystichum munitum</i> (Western swordfern)						X					
ELATINACEAE											
<i>Elatine californica</i> (Waterwort)			X								
EQUISETACEAE											
<i>Equisetum arvense</i> (Common horsetail)	X	X	X	X	X	X	X				X
<i>Equisetum hyemale</i> ssp. <i>affine</i> (Smooth scouring rush)	X		X				X	X		X	
<i>Equisetum telmateia</i> (Giant horsetail)				X							

APPENDIX Table 5D-1. List of Plant Species Observed During TES Plant Surveys by Project Section

	Iron Gate - Shasta	Iron Gate Reservoir	Fall Creek	Copco No. 2 bypass	Copco Reservoir	J.C. Boyle Ramped Reach	J.C. Boyle bypass reach	J.C. Boyle Reservoir	Keno Reach	Keno Reservoir	Link River
ERICACEAE											
Arctostaphylos patula (Greenleaf manzanita)			X	X		X	X	X	X	X	
Chimaphila umbellata (Prince's pine)						X					
Pterospora andromedea (Pine drops)					X	X	X	X	X		
Pyrola picta (White-veined wintergreen)						X					
EUPHORBIACEAE											
Eremocarpus setigerus (Dove weed, Turkey mullein)	X	X	X		X	X	X				
Euphorbia esula (Leafy spurge)		X									
Euphorbia peplus			X								
FABACEAE											
Astragalus accidens var. hendersonii (Loco-weed)		X			X						
Astragalus applegatei (Applegate's milkvetch)										X	
Astragalus filipes (basalt milkvetch)										X	
Astragalus gambellianus	X	X			X						
Astragalus sp.			X								
Cytisus scoparius (Scotch broom)						X					
Lathyrus sp.						X			X		
Lathyrus latifolius (Perennial sweet pea)			X		X						
Lathyrus vestitus (Pacific pea)				X							
Lotus corniculatus (Bird's-foot trefoil)	X	X	X	X	X	X					
Lotus crassifolius var. crassifolius (Big deervetch)							X				
Lotus humistratus (Foothill deervetch)				X		X					
Lotus oblongifolius var. oblongifolius (Copper-flowered bird's-foot)						X					
Lotus purshianus var. purshianus (Spanish lotus)	X	X	X	X	X	X		X			
Lotus wrangelianus (Hairy lotus)		X				X					
Lotus sp.						X	X				
Lupinus arbustus (Longspur lupine)								X			
Lupinus argenteus var. argenteus (Silvery lupine)	X	X	X			X	X	X			
Lupinus bicolor (Miniature lupine)					X						
Lupinus latifolius (Bigleaf lupine)			X			X					
Lupinus microcarpus (Chick lupine)	X	X		X	X	X				X	
Lupinus nanus (Sky lupine)		X			X						
Lupinus polyphyllus (Large leafed lupine)					X						
Lupinus sp.	X	X	X	X	X	X	X	X	X	X	X
Medicago lupulina (Black medick)	X					X		X			
Medicago polymorpha (California bur-clover)	X	X				X				X	
Medicago sativa (Alfalfa)	X			X						X	
Medicago sp.	X		X			X				X	
Melilotus alba (White sweet clover)	X	X	X	X		X	X	X	X	X	
Melilotus indica (Sour clover)		X	X			X	X				X
Trifolium sp.			X		X						
Trifolium albopurpureum var. albopurpureum		X			X						
Trifolium dubium (Suckling clover)					X	X					
Trifolium eriocephalum var. eriocephalum (Wooley headed clover)			X	X	X	X					
Trifolium gracilentum (Pinpoint clover)						X					
Trifolium hirtum (Rose clover)	X	X			X						
Trifolium latifolium (Twin clover)					X	X	X				
Trifolium pratense (Red clover)				X		X					
Trifolium repens (White clover)	X	X			X	X		X			
Trifolium variegatum (White tip clover)			X		X						
Trifolium willdenovii (Tomcat clover)			X			X					
Trifolium wormskioldii (Cows clover)								X			
Vicia americana var. americana (American vetch)			X	X	X	X	X	X	X		
Vicia sp.			X								
FAGACEAE											
Quercus garryana (Oregon white oak)	X	X	X	X	X	X	X	X			
Quercus kelloggii (California black oak)	X		X	X	X	X	X				
GARRYACEAE											
Garrya fremontii (Fremont's silk-tasse)			X	X	X	X					

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GENTIANACEAE											
<i>Gentianopsis simplex</i> (Hiker's fringed gentian)								X			
<i>Swertia albicaulis</i> (Whitestem elkweed)			X			X		X	X		
GERANIACEAE											
<i>Erodium cicutarium</i> (Filaree)	X	X	X	X	X	X		X			X
<i>Geranium dissectum</i> (Cut-leaf geranium)			X		X						
GROSSULARIACEAE											
<i>Ribes aureum</i> var. <i>aureum</i> (Golden currant)		X									
<i>Ribes cereum</i> var. <i>cereum</i> (Wax currant)			X								
<i>Ribes inerme</i> var. <i>inerme</i> (White-stemmed gooseberry)		X	X	X	X	X		X			
<i>Ribes lacustre</i> (Marsh currant)			X		X						
<i>Ribes roezlii</i> (Sierra gooseberry)				X	X	X					
<i>Ribes velutinum</i> (Plateau gooseberry)	X	X	X	X	X	X	X	X	X	X	X
<i>Ribes viscosissimum</i> (Sticky currant)							X				
<i>Ribes</i> sp.		X	X		X	X					X
HYDROCHARITACEAE											
<i>Elodea canadensis</i> (Canadian waterweed)	X	X			X			X		X	
HYDROPHYLLACEAE											
<i>Hydrophyllum capitatum</i> var. <i>alpinum</i> (Woolen-breeches)				X	X	X					
<i>Nemophila heterophylla</i>			X								
<i>Nemophila pedunculata</i> (Meadow nemophila)									X		
<i>Phacelia hastata</i> (Silverleaf phacelia)	X		X		X	X	X				
<i>Phacelia heterophylla</i> ssp. <i>virgata</i> (Varileaf phacelia)	X	X	X		X	X	X	X	X		
<i>Phacelia humilis</i> var. <i>douglasii</i> (Low phacelia)									X		
<i>Phacelia linearis</i> (Narrow leaved phacelia)		X							X		
<i>Phacelia racemosa</i> (Phacelia)				X		X					
<i>Phacelia ramosissima</i> var. <i>ramosissima</i> (Long branched phacelia)					X	X	X	X	X		
<i>Phacelia</i> spp.	X	X	X	X	X		X		X	X	X
HYPERICACEAE											
<i>Hypericum anagalloides</i> (Tinker's penny)			X								
<i>Hypericum formosum</i> (Scouler's St. Johnswort)			X	X	X	X					
<i>Hypericum perforatum</i> (Klamath weed)	X	X	X	X	X	X	X	X	X	X	X
IRIDACEAE											
<i>Iris missouriensis</i> (Blue flag)											
<i>Sisyrinchium bellum</i> (Blue-eyed grass)	X?				X	X					
<i>Sisyrinchium</i> spp. (Grass widows)						X	X	X			
ISOETACEAE											
<i>Isoetes nuttallii</i> (Nuttall's quillwort)								X?			
JUNCACEAE											
<i>Juncus articulatus</i> (Jointed rush)	X					X		X	X		
<i>Juncus balticus</i> var. <i>balticus</i> (Baltic rush)	X	X	X	X	X	X	X	X	X	X	
<i>Juncus bufonius</i> (Toad rush)		X	X	X	X			X			
<i>Juncus effusus</i> var. <i>pacificus</i> (Common rush)	X	X	X	X	X	X		X	X	X	X
<i>Juncus ensifolius</i> (Swordleaf rush)			X	X	X	X		X			X
<i>Juncus occidentalis</i> (Western rush)	X	X	X	X	X	X	X	X	X	X	X
<i>Juncus orthophyllus</i> (Straight leaved rush)						X		X			
<i>Juncus tenuis</i> (Poverty rush)						X					
<i>Juncus xiphioides</i> (Irisleaf rush)			X	X	X	X		X			
LAMIACEAE											
<i>Agastache urticifolia</i> (Nettleleaf horsemint)								X		X	
<i>Agastache occidentalis</i> (Western nettleleaf)						X			X		
<i>Lamium amplexicaule</i> (Dead nettle)	X	X			X	X					
<i>Lamium</i> sp.			X								
<i>Lycopus</i> sp.						X					
<i>Marrubium vulgare</i> (Horehound)					X						
<i>Mentha arvensis</i> (Field mint)	X	X			X	X	X	X	X	X	X
<i>Mentha x piperita</i> (Peppermint)						X					
<i>Mentha spicata</i>				X							

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Mentha sp.		X								X	
Monardella odoratissima ssp. odoratissima (Coyote mint)							X	X			
Nepeta cataria (Cat-nip)						X				X	X
Salvia dorrii var. dorrii (Gray ball)*	X	X	X								
Salvia dorrii var. incana (Fleshy sage)*	X	X									
Stachys ajugoides var. rigida (Rigid hedge nettle)	X	X	X	X	X	X	X	X	X		X
Trichostema austromontanum (San Jacinto bluecurls)								X			
Trichostema laxum (Turpentine weed)							X				
Trichostema oblongum (Downy blue-curls)						X					
LEMNACEAE											
Lemna minor (Duckweed)	X	X	X		X	X	X	X	X	X	X
LILIACEAE											
Allium spp. (Wild onion)			X		X						
Allium acuminatum (Hooker's onion)	X	X			X	X					
Allium ampletens (Narrow leaved onion)						X			X		
Allium campanulatum (Dusky onion)				X							
Alisma plantago-aquatica (American waterplantain)								X			X
Brodiaea coronaria ssp. coronaria (Harvest brodiaea)						X					
Calochortus greenei (Green's Mariposa lily)						X					
Calochortus tolmiei (Tolmie's cat ears)		X	X								
Camassia quamash ssp. breviflora (Camas)			X		X						
Clintonia uniflora (One flowered clintonia)					X						
Dichelostemma capitatum ssp. capitatum (Blue dicks)	X	X	X	X	X	X	X				
Disporum hookeri (Fairy bells)					X						
Fritillaria atropurpurea (Checker lily)	X	X	X		X	X					
Fritillaria pudica (Yellow bells)									X		
Fritillaria recurva (Scarlet fritillary, Red bells)		X	X	X	X						
Lilium pardalinum ssp. pardalinum (Tiger-lily)			X	X	X	X					
Lilium washingtonianum ssp. purpurascens (Washington lily)			X								
Smilacina racemosa (False Solomon's seal)			X		X	X	X				
Smilacina stellata (Star Solomon's seal)			X								
Trillium ovatum (Western trillium)		X									
Triteleia hyacinthina (White brodiaea)				X	X	X					
Zigadenus venenosus var. venenosus (Death camas)						X	X				
LIMNANTHACEAE											
Limnanthus floccosa ssp. floccosa (Wolly meadowfoam)			X								
LINACEAE											
Hesperolinon micranthum (Dwarf flax)		X	X	X	X	X					
Linum bienne (Pale flax)							X				
Sclerolinon digynum (Digynum flax)								X			
LOASACEAE											
Mentzelia albicaulis (White stemmed mentzelia)			X	X		X	X				
Mentzelia dispersa (Bushy mentzelia)							X		X	X	
Mentzelia laevicaulis (Great mentzelia)		X	X								
LYTHRACEAE											
Lythrum hyssopifolium			X								
MALVACEAE											
Malva neglecta (Common mallow)										X	
Malva parviflora (Cheeseweed mallow)										X	
Sidalcea oregana ssp. oregana (Oregon checkerbloom)						X		X	X	X	X
NYCTAGINACEAE											
Mirabilis greenei (Green's Mariposa lily)	X	X									
NYMPHAEEAE											
Nuphar luteum ssp. polysepalum (Yellow pond lily, Wokas)										X	
OLEACEAE											
Fraxinus latifolia (Oregon ash)	X	X	X	X	X	X	X				X

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ONAGRACEAE											
Camissonia spp.		X									
Clarkia sp.			X	X		X	X	X	X	X	
Clarkia lassenensis (Mt. Lassen Clarkia)		X?									
Clarkia purpurea ssp. quadrivulnera (Four-spot)		X			X						
Clarkia purpurea ssp. viminea (Winecup clarkia)	X	X		X	X						
Clarkia rhomboidea (Common clarkia)		X	X		X	X	X		X		
Epilobium brachycarpum (Willowherb)	X	X	X	X	X	X	X	X	X	X	X
Epilobium ciliatum ssp. ciliatum (Coast willowweed)		X	X	X	X	X	X	X		X	X
Epilobium densiflorum / Boisduvalia densiflorum (denseflower willowherb)		X	X	X	X	X		X			
Epilobium munitum (Small flowered willowherb)										X	
Ludwigia peploides (Floating primrose-willow)		X									
Ludwigia			X								
Oenothera biennis								X			
Oenothera elata ssp. hirsutissima (Evening primrose)	X	X			X						
ORCHIDACEAE											
Cephalanthera austiniiae (Phantom orchid)						xX					
Corallorhiza maculata (Spotted coralroot)					X	X	X	X	X		
Cypripedium montanum (Mountain lady's slipper)						X					
Piperia unalascensis (Crane orchid)						X	X	X			
Platanthera leucostachys (White-flowered bog-orchid)		X	X	X	X	X	X	X			
Spiranthes porrifolia (Lady tresses)			X		X			X			
OROBANCHACEAE											
Orobanche uniflora (Broomrape)				X							
PAEONIACEAE											
Paeonia brownii (Brown's peony)							X	X	X		
PAPAVERACEAE											
Eschscholzia californica (California poppy)	X	X				X					
PHILADELPHACEAE											
Philadelphus lewisii (Lewis' mockorange)		X	X	X	X	X	X	X	X		
PINACEAE											
Abies concolor (White fir)			X			X	X				
Pinus contorta (Lodgepole pine)								X			
Pinus lambertiana (Sugar pine)						X					
Pinus ponderosa (Ponderosa pine)	X	X	X	X	X	X	X	X	X	X	
Pseudotsuga menziesii var. menziesii (Douglas fir)			X		X	X	X	X			
PLANTAGINACEAE											
Plantago lanceolata (Plantain)	X	X	X	X	X	X				X	
Plantago major (Broadleaf plantain)	X	X	X	X		X	X	X		X	X
PLANTANACEAE											
Platanus sp.											X
POACEAE											
Achnatherum lemmonii (Lemmon's needlegrass)	X	e	X	X	X	X	X	X			
Achnatherum occidentale ssp. occidentale (Western needlegrass)	X	X	X			X	X				
Achnatherum thurberianum (Thurber's needlegrass)			X			X		X	X	X	
Achnatherum sp. (Needlegrass)		X		X	X		X	X	X	X	
Agrostis capillaris (colonial bentgrass)	X	X	X	X	X	X	X	X	X	X	X
Agrostis densiflora (California bentgrass)	X										
Agrostis exarata (Spike bentgrass)								X			
Agrostis gigantea (Red top)	X					X					
Agrostis oregonensis (Oregon bentgrass)						X		X			
Agrostis stolonifera (Creeping bentgrass)						X		X		X	X
Aira caryophylla (Silver hairgrass)				X				X			
Alopecurus pratensis (Meadow foxtail)	X			X		X		X		X	
Arrhenatherum elatius (Tall oatgrass)	X	X				X					
Avena barbata (Wild oats)	X	X	X	X	X					X	
Avena sp.		X								X	

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Beckmannia syzigachne (American sloughgrass)								X		X	
Bromus carinatus (California brome)		X	X			X					
Bromus ciliatus (Fringed brome)						X					
Bromus diandrus (Ripgut brome)	X	X	X	X	X	X	X				
Bromus hordaeceus (Soft brome)	X	X	X	X	X	X			X		
Bromus japonicus (Japanese brome)	X	X	X	X	X	X	X	X	X	X	X
Bromus madritensis ssp. rubens (Foxtail chess, Red brome)		X	X	X	X	X					
Bromus tectorum (Cheatgrass)	X	X	X	X	X	X	X	X	X	X	X
Bromus sp.	X	X	X		X	X					
Calamagrostis densa						X					
Cynosurus echinatus (Hedgehog dogtail)					X	X					
Dactylis glomerata (Orchardgrass)	X	X	X		X	X	X			X	
Danthonia californica (California oatgrass)								X	X		
Deschampsia cespitosa (Tufted hairgrass)						X					
Deschampsia danthonioides (Annual hairgrass)		X		X		X	X				
Deschampsia elongata (Slender hairgrass)	X	X				X					
Digitaria sanguinalis (Hairy crabgrass)	X	X			X			X	X	X	
Distichlis spicata (Salt grass)		X				X				X	
Echinochloa crus-galli (Barnyard grass)	X	X			X	X	X			X	X
Elymus sp.							X				
Elymus elymoides ssp. elymoides (Squirreltail)	X	X	X	X	X	X	X	X	X	X	X
Elymus glaucus ssp. glaucus (Blue wild rye)	X	X	X	X	X	X	X	X	X	X	X
Elytrigia intermedia (Intermediate wheatgrass)										X	
Elymus trachycaulus ssp. trachycaulus (Slender wheatgrass)									X		
Elytrigia pontica (Tall wheatgrass)								X		X	
Festuca sp.	X	X				X				X	
Festuca arundinacea	X	X				X				X	
Festuca idahoensis (Idaho fescue)	X	X	X	X	X	X	X	X		X	
Festuca occidentalis (Western fescue)						X	X				
Festuca pratensis (Meadow fescue)	X	X			X			X			
Festuca rubra (Red fescue)				X?	X?	X?					
Holcus lanatus (Common velvetgrass)	X	X	X	X	X	X					
Hordeum brachyantherum (Meadow barley)							X	X		X	
Hordeum jubatum (Foxtail barley)						X		X	X	X	
Hordeum marinum ssp. gussoneanum (Mediterranean barley)	X									X	X
Hordeum sp. (barley)	X	X				X	X			X	
Koeleria macrantha (Junegrass)			X	X	X	X	X	X	X		
Leersia oryzoides (Rice cutgrass)	X	X				X		X	X	X	X
Leymus cinereus (Great Basin wild rye)								X		X	
Leymus triticoides (Beardless wildrye)	X					X		X	X	X	
Lolium multiflorum (Annual ryegrass)		X	X			X					
Lolium perenne (Perennial ryegrass)	X	X	X	X	X	X				X	
Melica harfordii (Melic grass)				X							
Muhlenbergia mexicana (Mexican muhly)											
Muhlenbergia filiformis (Pull-up muhly)								X		X	
Muhlenbergia richardsonis (Mat muhly)			X	X	X					X	
Panicum acuminatum (Western panic grass)						X		X		X	
Panicum capillare (Witchgrass)	X									X	
Panicum dichotomiflorum (Fall panicgrass)											
Paspalum dilatatum (Dallas grass)											
Paspalum distichum (Knotgrass)	X	X			X	X					
Phalaris arundinacea (Reed canarygrass)					X	X	X	X	X	X	X
Phleum pratense (Timothy)		X	X	X	X	X		X	X		
Poa bulbosa (Bulbous bluegrass)	X	X	X	X	X	X	X	X	X	X	X
Poa compressa (Canadian bluegrass)		X	X	X				X	X		
Poa palustris (Fowl bluegrass)			X			X	X	X	X	X	X
Poa pratensis (Kentucky bluegrass)	X	X	X	X	X	X	X	X	X	X	X
Poa secunda (One-side bluegrass)						X		X	X	X	
Polygomon monspeliensis (Annual beardgrass)	X	X		X	X	X	X	X	X	X	
Pseudoroegneria spicata ssp. spicata (Bluebunch wheatgrass)	X	X	X	X	X	X	X	X	X	X	X
Taeniatherum caput-medusae (Medusa-head wild rye)	X	X	X	X	X	X	X				X
Ventenata dubia (North Africa grass)						X					
Vulpia microstachys (Small fescue)	X	X	X	X	X	X	X	X		X	
Vulpia myuros (Rattail fescue)	X	X	X	X	X	X					

APPENDIX Table 5D-1. List of Plant Species Observed During TES Plant Surveys by Project Section

	Iron Gate - Shasta	Iron Gate Reservoir	Fall Creek	Copco No. 2 bypass	Copco Reservoir	J.C. Boyle Ramped Reach	J.C. Boyle bypass reach	J.C. Boyle Reservoir	Keno Reach	Keno Reservoir	Link River
POLEMONIACEAE											
<i>Allophyllum gilioides</i> ssp. <i>gilioides</i> (False gilyflower)					X						
<i>Collomia grandiflora</i> (Large-flowered collomia)	X	X	X	X	X	X	X	X	X	X	X
<i>Gilia</i> spp.			X		X						
<i>Gilia capitata</i> ssp. <i>capitata</i> (Bluefield gilia)	X	X		X	X	X	X	X	X		
<i>Linanthus bicolor</i> (True babystars)							X	X			
<i>Navaretia divaricata</i> ssp. <i>viviodor</i> (Mountain navaretia)									X		
<i>Navaretia intertexta</i> ssp. <i>propinqua</i> (Needle leaved navaretia)			X	X		X	X	X			
<i>Phlox diffusa</i> (Spreading phlox)						X	X	X		X	X
<i>Phlox gracilis</i> (Slender phylox)		X	X	X		X	X		X		
<i>Phlox speciosa</i> ssp. <i>occidentalis</i> (Phlox)		X	X		X	X					
POLYGONACEAE											
<i>Eriogonum compositum</i> var. <i>compositum</i> (Wild buckwheat)		X				X					
<i>Eriogonum elatum</i> var. <i>elatum</i> (Wild buckwheat)	X	X	X		X	X	X	X			X
<i>Eriogonum nudum</i> var. <i>oblongifolium</i> (Naked-stemmed eriogonum)	X	X	X	X	X	X	X				
<i>Eriogonum</i> sp.			X								
<i>Eriogonum umbellatum</i> (Sulphur flower)		X	X			X	X	X		X	
<i>Eriogonum vimineum</i> (Wicker-stemmed eriogonum)	X	X	X		X	X	X		X		
<i>Eriogonum watsonii</i> (Watson's eriogonum)		X									
<i>Polygonum amphibium</i> var. <i>emersum</i> (water smartweed)	X					X			X	X	X
<i>Polygonum arenastrum</i> (Common knotweed)					X	X			X		
<i>Polygonum douglasii</i> ssp. <i>majus</i> (Douglas' knotweed)	X		X	X		X	X	X	X		
<i>Polygonum hydropiperoides</i> (Water pepperweed)	X	X			X	X	X	X		X	
<i>Polygonum lapathifolium</i> (Curlytop knotweed)	X				X						
<i>Polygonum persicaria</i> (Spotted ladythumb)	X	X			X	X					X
<i>Rumex acetosella</i> (Sheep sorrel)		X	X			X		X			
<i>Rumex crispus</i> (Curly dock)	X	X	X	X	X	X	X	X	X	X	X
<i>Rumex maritimus</i> (Golden dock)										X	
<i>Rumex occidentalis</i> (Western dock)			X			X					
<i>Rumex salicifolius</i> var. <i>denticulatus</i> (California dock)	X	X	X		X	X		X			
PORTULACACEAE											
<i>Claytonia perfoliata</i> ssp. <i>perfoliata</i> (Miner's lettuce)			X								
<i>Claytonia rubra</i> ssp. <i>rubra</i> (Red claytonia)			X						X		
<i>Claytonia sibirica</i> (Siberian spring beauty)					X						
<i>Montia chamissoi</i> (Toad lily)						X					
<i>Montia fontana</i> (Water chickweed, Blinks)									X		
<i>Montia linearis</i> (Narrow-leaved montia)			X						X		
<i>Montia</i> sp.					X						
POTAMOGETONACEAE											
<i>Potamogeton crispus</i> (Curly pondweed)	X	X					X		X	X	X
<i>Potamogeton diversifolius</i> (Waterthread pondweed)	X					X					
PRIMULACEAE											
<i>Trientalis latifolia</i> (Western starflower)					X						
RANUNCULACEAE											
<i>Aquilegia formosa</i> (Columbine)					X	X					
<i>Clematis ligusticifolia</i> (Clematis)		X			X						
<i>Delphinium nuttallianum</i> (Dwarf larkspur)			X								
<i>Myosurus minimus</i> ssp. <i>minimus</i> (Mouse tail)			X	X							
<i>Ranunculus aquatilis</i> (Water buttercup)								X		X	X
<i>Ranunculus arvensis</i> (Hunger weed)		X	X								
<i>Ranunculus cymbalaria</i> var. <i>saximontanus</i> (Desert crowfoot)								X		X	
<i>Ranunculus occidentalis</i> (Western buttercup)	X	X	X	X		X	X	X			
<i>Ranunculus orthorhynchus</i> var. <i>orthorhynchus</i> (Beaked buttercup)			X							X	
<i>Ranunculus repens</i> (Creeping buttercup)			X		X					X	X
<i>Ranunculus</i> spp.					X						
RHAMNACEAE											
<i>Ceanothus cordulatus</i> (Mountain whitethorn)				X?							
<i>Ceanothus cuneatus</i> (Buckbrush)	X	X	X	X	X	X					
<i>Ceanothus integerrimus</i> (Deerbrush)			X	X	X	X	X				

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Ceanothus prostratus (Mahala mat)			X			X	X	X	X		
Ceanothus velutinus var. velutinus (Snowbrush)									X		
Rhamnus ilicifolia (Holly-leaf redberry)	X	X	X			X					
Rhamnus purshiana (Cascara)			X		X						
Rhamnus rubra (Sierra coffeeberry)			X	X		X	X	X			
ROSACEAE											
Amelanchier alnifolia (Alderleaf serviceberry)		X	X	X	X	X	X	X	X		X
Amelanchier utahensis (Utah serviceberry)					X						
Cercocarpus betuloides (Mountain mahogany)		X	X	X	X	X	X	X	X		
Cercocarpus ledifolius (Curl-leaf mountain mahogany)						X	X				
Crataegus douglasii (Black hawthorn)						X		X			
Fragaria vesca (Woodland strawberry)					X	X	X	X			
Fragaria virginiana (Wild strawberry)		X	X		X	X	X		X		X
Geum macrophyllum (Bigleaf avens)								X		X	X
Holodiscus discolor (Oceanspray)			X								
Horkelia daucifolia (Carrot-leaved horkelia)		X		X		X					
Malus sp. (Apple)	X										X
Physocarpus capitatus (Ninebark)			X	X	X	X					X
Potentilla anserina (Silverweed cinquefoil)						X			X	X	
Potentilla flabellifolia (Fanleaf cinquefoil)								X			
Potentilla glandulosa (Sticky cinquefoil)		X	X	X	X	X	X	X	X		
Potentilla gracilis var. gracilis (Slender cinquefoil)						X		X	X	X	
Potentilla norvegica (Rough cinquefoil)								X			
Prunella vulgaris (Common selfheal)			X	X	X	X					
Prunus emarginata (Bittercherry)		X				X	X				
Prunus subcordata (Klamath plum)		X	X		X	X	X	X	X	X	X
Prunus virginiana var. demissa (Chokecherry)	X	X	X	X	X	X	X	X	X	X	X
Prunus sp. (non-native species)			X			X					X
Purshia tridentata var. tridentata (Antelope brush)	X	X	X			X	X	X	X		X
Rosa californica (California rose)	X	X	X	X	X	X	X	X	X	X	X
Rosa gymnocarpa (Bald-hip rose)	X	X	X			X	X	X	X	X	X
Rosa pisocarpa (Cluster rose)			X								
Rosa woodsii var. ultramontana (Woods' rose)			X		X	X				X	X
Rosa sp. (Pioneer rose?)						X					
Rosa sp. (Rose)			X			X					X
Rubus discolor (Himalayan blackberry)	X	X	X	X	X	X	X				X
Rubus laciniatus (Cut-leaved blackberry)			X		X	X	X				X
Rubus leucodermis (Black raspberry)	X				X	X	X	X			
Rubus parviflorus (Thimblebenny)			X		X		X				
Rubus ursinus (Pacific blackberry)	X	X	X			X					
Sanguisorba minor ssp. muricata (Garden burnet)								X	X	X	
Spiraea douglasii (Douglas' spiraea)			X			X	X	X	X		X
RUBIACEAE											
Galium aparine (Catchweed bedstraw)		X	X	X	X	X	X	X	X	X	X
Galium bolanderi (Bolander's bedstraw)						X			X		
Galium parisiense (Wall bedstraw)	X	X	X	X	X	X	X	X	X	X	X
Galium trifidum var. pacificum (Small bedstraw)			X				X				
Galium sp.		X	X		X	X		X	X	X	X
Kelloggia galioides (Milk kelloggia)							X	X			
SALICACEAE											
Populus balsamifera ssp. trichocarpa (Black cottonwood)			X			X					
Populus tremuloides (Quaking aspen)						X	X				
Salix spp.			X		X						
Salix babylonica (Weeping willow)								X			
Salix exigua (Narrow-leaf willow, coyote willow)	X	X	X	X	X	X	X	X	X	X	X
Salix laevigata (Red willow)				X							
Salix lasiolepis (Arroyo willow)	X	X	X	X	X	X	X	X	X	X	X
Salix lucida ssp. lasiandra (Shining willow)	X	X	X			X			X	X	X
Salix scouleriana (Scouler's willow)			X	X		X	X		X		X

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SAXIFRAGACEAE											
<i>Darmera peltata</i> (Indian rhubarb)					X						
<i>Lithophragma parviflorum</i> var. <i>parviflorum</i> (Woodland star)	X										
<i>Lithophragma</i> sp.	X	X			X						
SCROPHULARIACEAE											
<i>Castilleja</i> spp.		X	X		X	X	X		X		
<i>Castilleja applegatei</i> ssp. <i>pinetorum</i> (Applegate's paintbrush)	X		X		X						
<i>Castilleja attenuata</i> (Valley tassles)		X			X						
<i>Castilleja miniata</i> ssp. <i>miniata</i> (Giant red paintbrush)								X		X	
<i>Castilleja tenuis</i> (Hairy owls clover)						X	X				
<i>Collinsia parviflora</i> (Small-flowered blue-eyed Mary)		X	X	X	X	X	X	X	X	X	
<i>Cordylanthus ramosus</i> (Branched birds-beak)			X	X							
<i>Cordylanthus tenuis</i> ssp.? (Birds-beak)		X									
<i>Gratiola ebracteata</i> (Bractless hedge hyssop)											X
<i>Linaria dalmatica</i> (Dalmation toadflax)								X			X
<i>Limosella acaulis</i> (Owyhee mudwort)											
<i>Mimulus brevillorus</i> (Short-flowered monkeyflower)								X	X		
<i>Mimulus guttatus</i> var. <i>guttatus</i> (Yellow monkeyflower)	X	X	X	X	X	X	X	X	X	X	X
<i>Mimulus primuloides</i> ssp. <i>primuloides</i> (Primrose monkeyflower)								X	X		
<i>Mimulus pygmaeus</i> (Egg lake monkeyflower)								X			
<i>Mimulus</i> sp.					X						
<i>Orthocarpus luteus</i> (Yellow owl's clover)				X			X	X			
<i>Pedicularis densiflora</i> (Indian warrior)						X					
<i>Penstemon azureus</i> var. <i>azureus</i> (Azure penstemon)	X										
<i>Penstemon deustus</i> var. <i>pedicellatus</i> (Hot rock penstemon)	X	X	X		X	X		X	X		
<i>Penstemon heterodoxus</i> (Sierra beardtongue)						X		X			
<i>Penstemon rydbergii</i> var. <i>oreocharis</i> (Rydberg's penstemon)								X			
<i>Penstemon</i> sp.			X								
<i>Penstemon speciosus</i> (Spectacular penstemon)	X	X		X	X	X	X	X			X
<i>Scrophularia californica</i> (California figwort)										X	
<i>Tonella tenella</i> (Small flowered tonella)					X	X					
<i>Verbascum blattaria</i> (Moth mullein)	X	X	X	X	X	X					
<i>Verbascum thapsus</i> (Flannel mullein)	X	X	X	X	X	X	X	X	X	X	X
<i>Veronica americana</i> (American speedwell)	X		X		X	X			X	X	X
<i>Veronica anagallis-aquatica</i> (Water speedwell)	X			X	X	X		X			X
<i>Veronica catenata</i> (Chain speedwell)						X					
<i>Veronica peregrina</i> ssp. <i>xalapensis</i> (Pursiane speedwell)			X		X	X					
<i>Veronica persica</i>					X						
<i>Veronica</i> sp.					X						
SIMAROUBACEAE											
<i>Ailanthus altissima</i> (tree of heaven)			X								
SOLANACEAE											
<i>Physalis</i> spp.				X							
<i>Solanum dulcamara</i> (Bittersweet nightshade)	X	X				X	X	X	X	X	X
<i>Solanum parishii</i> (Parish's nightshade)		X?	X?		X?						
<i>Solanum xantii</i> (Chapparel nightshade)		X					X			X	
TYPHACEAE											
<i>Sparganium eurycarpum</i> (Broadfruit bur-reed)			X			X		X		X	X
<i>Typha latifolia</i> (Cattail)	X	X		X	X	X	X	X	X	X	X
ULMACEAE											
<i>Ulmus</i> sp.(elm)			X			X					X
URTICACEAE											
<i>Urtica dioica</i> ssp. <i>holosericea</i> (Stinging nettle)	X	X	X		X	X	X	X	X	X	X
VALERIANACEAE											
<i>Plectritis</i> spp.	X	X	X	X	X	X	X				
<i>Plectritis ciliosa</i>		X	X	X	X	X					
VERBENACEAE											
<i>Verbena lasiostachys</i> (Verbena)		X			X						

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VIOLACEAE											
<i>Viola adunca</i> (Early blue violet)						X					
<i>Viola purpurea</i> ssp. <i>purpurea</i> (Mountain violet)					X	X	X	X	X		
<i>Viola sheltonii</i> (Shelton's violet)		X	X					X	X		
<i>Viola</i> sp.	X	X	X	X	X	X	X	X	X	X	X
VISCACEAE											
<i>Phoradendron densum</i> (Dense mistletoe)		X		X		X					
<i>Phoradendron juniperinum</i> (Juniper mistletoe)	X	X	X	X	X	X	X	X			
<i>Phoradendron villosum</i> (Oak mistletoe)			X		X						
VITACEAE											
<i>Vitis californica</i> (Western wild grape)	X	X	X	X	X	X					
ZANNICHELLIACEAE											
<i>Zannichelliaceae palustris</i>											
ZYGOPHYLLACEAE											
<i>Tribulus terrestris</i> (Puncture vine)				X		X					

* Possible occurrence noted as "fuzzy Scotch thistle" in field notes - unconfirmed ID.

* The characteristics of *Salvia doriae* are often intermediate between the two subspecies.