# National Wetlands Inventory Map Report for Quinault Indian Nation

**Project ID(s):** R01Y19P01: Quinault Indian Nation, fiscal year 2019 **Project area** 

The project area (Figure 1) is restricted to the Quinault Indian Nation, bounded by Grays Harbor Co. Jefferson Co. and the Olympic National Park.

**Appendix A**: USGS 7.5-minute Quadrangles: Queets, Salmon River West, Salmon River East, Matheny Ridge, Tunnel Island, O'Took Prairie, Thimble Mountain, Lake Quinault West, Lake Quinault East, Taholah, Shale Slough, Macafee Hill, Stevens Creek, Moclips, Carlisle.

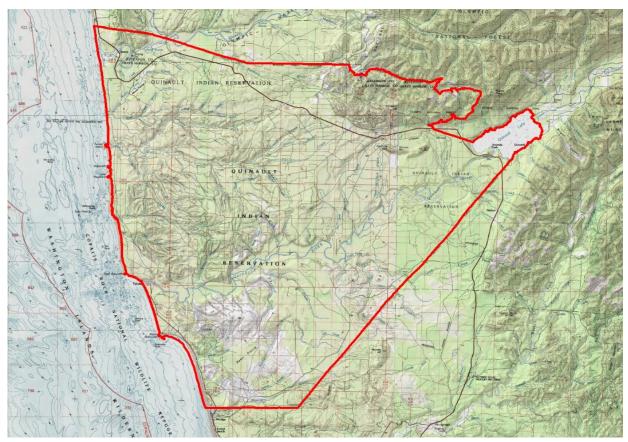


Figure 1. QIN NWI+ 2019 project area (red outline).

# **Source Imagery:**

Citation: For all quads listed above: See Appendix A Citation Information:

Originator: USDA-FSA-APFO Aerial Photography Field Office

Publication Date: 2017

Publication place: Salt Lake City, Utah

Title: Digital Orthoimagery Series of Washington

Geospatial\_Data\_Presentation\_Form: raster digital data

Other\_Citation\_Details: 1-meter and 1-foot, Natural Color and NIR-False Color

#### **Collateral Data:**

- USGS 1:24,000 topographic quadrangles
- USGS NHD National Hydrography Dataset
- USGS Topographic maps, 2013
- QIN LiDAR DEM (3 meter) and synthetic stream layer, 2015
- Previous National Wetlands Inventories for the project area
- Soil Surveys, All Hydric Soils: Weyerhaeuser soil survey 1976, NRCS soil survey 2013
- QIN WET tables, field photos, and site descriptions, 2016 to 2019, Janice Martin, and Greg Eide

### **Inventory Method:**

Wetland identification and interpretation was done "heads-up" using ArcMap versions 10.6.1. US Fish & Wildlife Service (USFWS) National Wetlands Inventory (NWI) mapping contractors in Portland, Oregon completed the original aerial photo interpretation and wetland mapping. Primary authors: Nicholas Jones of SWCA Environmental Consulting. 100% Quality Control (QC) during the NWI mapping was provided by Michael Holscher of SWCA Environmental Consulting. Mapped features were evaluated for horizontal, topological and code accuracy and logical consistency, using a combination of "eyes-on" evaluation, ArcGIS Desktop's built-in topology validation tools, and the USFWS's Wetlands Data Verification Toolset, which automatically corrects geometry errors, and flags coding and topological errors (errors of adjacency, sliver uplands and wetlands, overlapping features, etc.). The tool was used iteratively until a summary table was generated that demonstrated that all features had passed validation. Regional wetland guidance, oversight and final 30% QA for the submitted mapping project was completed by Bill Kirchner, Region 1, USFWS, NWI.

Field reconnaissance was conducted over the course of two days, July 10<sup>th</sup> and 11<sup>th</sup> of 2019 in coordination with Quinault Indian Nation Wetland Specialist Janice Martin, and Quinault Indian Nation Botany Department Program Manager Greg Eide. Funding for the project was provided by a grant from the United States Environmental Protection Agency (US EPA).

#### **Data Limitations:**

The user of the map is cautioned that, due to the limitation of mapping primarily through aerial photo interpretation, a small percentage of wetlands may have gone unidentified. Because the aerial photography is taken during a narrow span of time (typically in the summer months), there may be discrepancies between the map and current field conditions. Changes in the landscape which occurred after the photography was taken would also result in discrepancies, and seasonal and year to year variations in precipitation and accumulation of moisture can also lead to other discrepancies.

#### **Classification:**

The wetland classifications appearing in the study area are National Wetlands Inventory (NWI) Maps, in accordance with the *Classification of Wetlands and Deepwater Habitats of the United States*. FGDC-STD-004-2013. Second Edition (Federal Geographic Data Committee. 2013) and Data Collection Requirements and Procedures for Mapping Wetland, Deepwater and Related Habitats of the United States. Division of Habitat and Resource Conservation (version 2) (Dahl et al. 2015).

#### **General Description of the Project Area:**

The project area is located in Land Resource Region (LRR) A: Northwestern Forest, Forage and Specialty Crop Region (A) contains the following Major Land Resource Area (MRLA): 4A – Sitka Spruce Belt (Washington). The mapping area is located entirely within the Sitka Spruce MRLA and the boundary of the Quinault Indian Reservation (within the State of Washington).

The project area abuts the Pacific Ocean encompassing the towns of Moclips in the south and Queets approximately 23 miles to the North. The reservation is bounded to the east by Lake Quinault and encompasses 208,150 acres. Most of the Sitka Spruce Belt MRLA has an elevation ranging from sea-level up to 300 feet, typified by narrow beaches, cliffs that rise from the ocean's edge that slopes up to marine terraces, young continental sedimentary rocks and steep hilly terrain away from the coast. The Sitka Spruce Belt MRLA consists primarily of glacial and alluvial sediments and some scattered areas of Tertiary sedimentary siltstone.

The average annual precipitation in Sitka Spruce Belt MRLA ranges from 52 to 60 inches (1,320 to 1,525 millimeters) near the ocean and up to 191 inches (4,850 millimeters) at the higher elevations inland within the MRLA. Most of the rainfall occurs as low intensity, Pacific frontal storms, with snowfall accumulations rare within the project boundary. Precipitation is evenly distributed throughout fall, winter, and spring, but summers are cool and dry. The average annual temperature is 45 to 55 degrees F (7-13 degrees C). The freeze-free period averages 290 days and ranges from 220 to 365 days in most of this area.

The dominant soil orders in the MRLA are Andisols, Inceptisols, Spodosols, and Entisols. The soils either have an isomesic or isofrigid soil temperature regimes. The soils are acid throughout; most either very strongly or strongly acid. In the hilly to steep uplands, Andisols and Inceptisols dominate. The undulating to hilly marine and glacial outwash terraces are dominated by Andisols and Spodosols. These soils range from shallow to moderately deep cemented substrate or are deep to very deep ranging from poorly drained to well drained. Within the floodplains of the (e.g. the Queets and Quinault Rivers) and attendant estuaries, the soils are primarily Entisols and Inceptisols with minor areas of Histosols. These soils are typically very deep and poorly to very poorly drained. (NRCS/SSURGO 07/2014).

#### **Description of wetlands:**

Wetlands in the Quinault Indian Nation are generally in association with waterways at lower elevations and higher elevation meadow and bog complexes. The major riverine systems cut through the landscape creating broad floodways down-cut into the surrounding terraces. Wetlands occur both along the current stream channels and within remnant hydric features created over time by changes in the landscape. The hilly landforms in the project area also contain many flats and depressional areas with saturated to continuously saturated substrates with significant deposits of hydric soils. The amount of annual rainfall and mild temperature make for a long, wet growing season which is ideal for the formation of wetlands.

# **Description of attribute values:**

This table reflects classification to the class level and the water regime only. No attempt is made to capture Subclasses in this table since subclass designations were made for each polygon associated with the geodatabase. Specific codes can be interpreted using the USFWS wetlands attribution decoder: <a href="https://fwsprimary.wim.usgs.gov/decoders/wetlands.aspx">https://fwsprimary.wim.usgs.gov/decoders/wetlands.aspx</a>.

ATTRIBUTE	DESCRIPTION		
E1UBL	Continuously submerged subtidal estuarine habitats composed of unconsolidated substrate with at least 25% cover of particles smaller than stones and vegetative cover less than 30% and variable salinity.		
E2ABN	Regularly flooded intertidal flat, characterized by plants that principally grow on or below the surface of the water for most of the growing season in most years.		
E2EM/USP	Irregularly flooded intertidal flat, characterized by a matrix of erect, rooted herbaceous hydrophytes and unconsolidated substrates with at least 25% cover of particles smaller than stones (less than 6-7cm).		
E2EMN	Regularly flooded intertidal flat, characterized by a matrix of erect, rooted herbaceous hydrophytes that is present for most of the growing season in most years. Tides flood the substrate at least once daily. Typical saltmarsh		
E2EMP	E2EMP Irregularly flooded intertidal flat, characterized by erect, rooted herbace hydrophytes that is present for most of the growing season in most year Tides flood the substrate less often than once daily. Typical saltmars		
E2SSP Irregularly flooded intertidal wetlands, characterized by the prese of woody vegetation less than 6m (20 feet) tall. Includes species true shrubs, young trees, and trees or shrubs that are stunted because of environmental conditions			

E2USM	Irregularly exposed deepwater tidal wetlands, characterized by unconsolidated substrates with less than 75% cover of stones, boulders, or bedrock and; less than 30% areal cover of vegetation.  Landforms such as beaches, bars and flats.		
E2USN	Regularly flooded intertidal wetlands, characterized by unconsolidated substrates with less than 75% cover of stones, boulders, or bedrock and; less than 30% areal cover of vegetation.  Landforms such as beaches, bars and flats.		
E2USP	Irregularly flooded intertidal wetlands, characterized by unconsolidated substrates with less than 75% cover of stones, boulders, or bedrock and; less than 30% areal cover of vegetation.  Landforms such as beaches, bars and flats.		
L1UBG	Intermittently exposed flooded lakes greater than 20 acres. Typically, deeper than 2.5 meters (8.2 feet) and bottom particles smaller than (6-7 cm) and primarily consisting of sand and mud.		
L1UBH	Permanently flooded lakes greater than 20 acres. Typically, deeper than 2.5 meters (8.2 feet) and bottom particles smaller than (6-7 cm) and primarily consisting of sand and mud.		
L2UBF	Semi-permanently flooded lakes and lake edges formed in depressions or artificially impounded which are greater than 20 acres. Typically less than 2.5 meters (8.2 feet) deep and bottom particles smaller than (6-7 cm) and primarily consisting of sand and mud.		
L2USC	Large playas (seasonally flooded lake beds) greater than 20 acres in size.  Less than 30 percent vegetated and having less than 75% cover of stones, boulder, or bedrock.		
M1UBL	Permanently flooded, deep-water marine habitats. Substrates continuously covered with tidal water and salinities exceed 30 parts per thousand (ppt), with no dilution except outside the mouth of estuaries.		
M2RSN	Regularly flooded intertidal marine habitat, characterized by bedrock, stones or boulders which singly or in combination have an areal cover of 75% or more and less than 30% areal cover of vegetation.  Landforms such as beaches, bars and flats.		
M2RSP	Irregularly flooded intertidal marine habitat, characterized by bedrock, stones or boulders which singly or in combination have an areal cover of 75% or more and less than 30% areal cover of vegetation. Landforms such as beaches, bars and flats.		

M2USM	Irregularly exposed flooded, deep-water marine habitats. Substrates continuously covered with tidal water and salinities exceed 30 parts per thousand (ppt), with no dilution except outside the mouth of estuaries.			
M2USN	Regularly flooded intertidal marine habitat, characterized by unconsolidated substrates, with less than 75% areal cover of stones, boulders, or bedrock and; less than 30% areal cover of vegetation.  Landforms such as beaches, bars and flats.			
M2USP	Irregularly flooded intertidal marine habitat, characterized by unconsolidated substrates, with less than 75% areal cover of stones, boulders, or bedrock and; less than 30% areal cover of vegetation.  Landforms such as beaches, bars and flats.			
PABH	Permanently flooded ponds, less than 20 acres in areal coverage and less than 2.5 meters (8.2 feet) deep with plants that grow principally on or below the surface of the water.			
PABT	Semi-permanently flooded fresh water, tidally influenced ponds vegetated with aquatic beds (e.g., pondweed).			
Seasonally flooded freshwater depressions dominated by herbaceous and forested vegetation. Neither herbaceous r forested vegetation in the class is dominant.				
PEM/FOD Continuously saturated freshwater depressions domin herbaceous and forested vegetation. Neither herbace forested vegetation in the class is dominant.				
PEM/FOE	Seasonally flooded/ continuously saturated freshwater depressions dominated by herbaceous and forested vegetation. Neither herbaceous nor forested vegetation in the class is dominant.			
PEM/SSA	Temporarily flooded wetlands dominated by herbaceous and scrub-shrub vegetation in depressions or below springs where the water table is usually at or near the surface. Neither herbaceous nor scrub-shrub vegetation are dominant			
PEM/SSC Seasonally flooded wetlands dominated by herbaceous and scrub-vegetation in depressions or below springs where the water table is at or near the surface. Neither herbaceous nor scrub-shrub vegetat dominant.				
PEM/SSD	Continuously saturated wetlands dominated by herbaceous and scrub- shrub vegetation in depressions or below springs where the water table is at or near the surface year-round. Neither herbaceous nor scrub-shrub vegetation are dominant.			
PEM/SSE	Seasonally saturated/flooded wetlands dominated by herbaceous and			

PEM/SSF	Semi-permanently flooded wetlands dominated by herbaceous and scrub- shrub vegetation in depressions. Neither herbaceous nor scrub-shrub vegetation are dominant.			
PEMA	Temporarily flooded depressions dominated by herbaceous vegetation.			
PEM(B/D/E)	Wetlands dominated by herbaceous vegetation in depressions or below spring where the water table is usually at or near the surface seasonally (B), permanently (D), or seasonally flooded / saturated (E).			
PEMC	Seasonally flooded wetlands dominated by persistent herbaceous vegetation. These areas are comprised of Juncus spp. and Carex spp.			
PEMF	Semi-permanently flooded depressions comprised of erect, rooted, herbaceous vegetation (e.g., Scirpus spp., Typha spp., Carex spp., and Juncus spp.).			
PEMH	Permanently flooded depressions comprised of erect, rooted, herbaceous vegetation (e.g., Scirpus spp., Typha spp., Carex spp., and Juncus spp.).			
PEMR	Seasonally flooded, freshwater, tidally influenced wetlands, with dissolved salts less than $0.5^{0}/00$ and upright, rooted herbaceous hydrophytes that are present for most of the growing season in mosy years.			
PEMS	Temporarily flooded, freshwater, tidally influenced wetlands, with dissolved salts less than 0.50/100 and upright, rooted herbaceous hydrophytes that are present for most of the growing season in mos years.			
PEMT	Semi-permanently flooded, freshwater, tidally influenced wetlands, with dissolved salts less than $0.5^{0}/00$ and upright, rooted herbaceous hydrophytes that are present for most of the growing season in most years.			
PFOA	Temporarily flooded depressions and floodplains dominated by forested vegetation. Common palustrine forested species include Salix spp., Acer spp. and Populus spp.			
PFOC	Seasonally flooded depressions and floodplains dominated by forested vegetation. Common palustrine forested species include Salix spp., Acer spp. and Populus spp.			
PFO(B/D/E)	Wetlands dominated by forested vegetation in depressions or below spring where the water table is usually at or near the surface seasonally (B), permanently (D), or seasonally flooded / saturated (E). Common palustrine forested species include Salix spp., Acer spp. and Populus spp.			
PFOR	Seasonally flooded, fresh water, tidally influenced floodplains and wetlands dominated by forested vegetation.			

PFOS	Temporarily flooded, fresh water, tidally influenced floodplains and wetlands dominated by forested vegetation.			
PFO/EMC	Seasonally flooded freshwater depressions dominated by herbaceous and forested vegetation. Neither herbaceous nor forested vegetation in the class is dominant.			
PFO/EMD	Continuously saturated freshwater depressions dominated by herbaceous and forested vegetation. Neither herbaceous nor forested vegetation in the class is dominant.			
PFO/SSA	Temporarily flooded scrub-shrub and forested wetland typically found along drainages. Neither forested nor scrub-shrub species are dominant.			
PFO/SSC	Seasonally flooded scrub-shrub and forested wetland typically found along drainages. Neither forested nor scrub-shrub species are dominant.			
PFO/SSD	Continuously saturated freshwater depressions dominated by forested and scrub-shrub vegetation. Neither scrub-shrub nor forested vegetation in the class is dominant.			
PFO/SSS	Temporarily flooded, fresh water, tidally influenced wetlands dominated by scrub-shrub and forested vegetation. Neither scrub-shrub nor forested vegetation in the class is dominant.			
PSS/FOA	Temporarily flooded scrub-shrub and forested wetland typically found along drainages. Neither forested nor scrub-shrub species are dominant.			
PSS/FOC	Seasonally flooded scrub-shrub and forested wetland typically found along drainages. Neither forested nor scrub-shrub species are dominant.			
PSS/FOD	Continuously saturated freshwater depressions dominated by forested and scrub-shrub vegetation. Neither scrub-shrub nor forested vegetation in the class is dominant.			
PSS/FOF	Semi-permanently flooded scrub-shrub and forested wetland typically found along drainages. Neither forested nor scrub-shrub species are dominant.			
PSS/FOE	Continuously saturated and seasonally flooded freshwater depressions dominated by forested and scrub-shrub vegetation.  Neither scrub-shrub nor forested vegetation in the class is dominant.			
PSS/EMC	Seasonally flooded depressions dominated by herbaceous and scrub shrub vegetation. Neither herbaceous nor scrub-shrub vegetation in dominant.			
PSS/EM (B/D/E)	Wetlands in depressions or below springs dominated by herbaceous and scrub shrub vegetation. Neither herbaceous nor scrub-shrub vegetation in dominant. where the water table is usually at or near the surface seasonally (B), permanently (D), or seasonally flooded / continuously saturated (E).			
PSS/EMF	Semi-permanently flooded depressions dominated by herbaceous and scrub shrub vegetation. Neither herbaceous nor scrub-shrub vegetation in dominant.			
PSSA	Temporarily flooded scrub-shrub wetland typically found along drainages.  Common scrub shrub species include Salix spp., Alnus rubra, Spirea douglassi, Cornus stolonifera, Myrica californica, and Rubus spectabilis.			

PSSB/D/E	Saturated wetlands dominated by scrub-shrub vegetation in depressions o below spring where the water table is usually at or near the surface seasonally (B), permanently (D), or seasonally flooded / saturated (E).		
PSSC	Seasonally flooded scrub-shrub wetland typically found along drainages.		
PSSF	Semi-permanently flooded scrub-shrub wetland typically found along drainages.		
PSS5H	Permanently flooded scrub-shrub (dead) wetland, typically found along drainages.		
PSSR	Seasonally flooded, tidally influenced forested wetlands. Woody vegetation that is less than 6 m (20 feet) tall.		
PSSS	Temporarily flooded, tidally influenced forested wetlands. Woody vegetation that is less than 6 m (20 feet) tall.		
PUBF	Semi-permanently flooded ponds.		
PUBG	Intermittently exposed ponds		
PUBH	Permanently flooded ponds.		
PUBK	Artificially flooded pond usually excavated and comprised of an artificial substrate (e.g., sewage treatment/detention ponds).		
PUBV	Permanently flooded, tidally influenced ponds.		
PUSA	Temporarily flooded basins with little or no vegetation.		
PUSC	Seasonally flooded basins with little or no vegetation.		
PUSK	Artificially flooded pond usually excavated and comprised of an artificial substrate (e.g., sewage treatment/detention ponds). The substrate is exposed for at least half the growing season.		
PUSR	Seasonally flooded, tidally influenced ponds.		
PUSS	Temporarily flooded, tidally influenced ponds.		
R1UBT	Semi-permanently flooded, fresh water, tidally influenced riverine systems characterized by particles smaller than (6-7 cm) and primarily consists of sand and mud and dissolved salts less than 0.50%.		
R1UBV	Permanently flooded, fresh water, tidally influenced riverine systems characterized by particles smaller than (6-7 cm) and primarily consists of sand and mud and dissolved salts less than 0.5%.		

R1USQ	Regularly flooded, fresh water, tidally influenced riverine beach bars, sand bars and exposed flats characterized by particles smaller than (6-7 cm) and primarily consists of sand and mud and dissolved salts less than 0.50/00.	
R3UBF	Semi-permanently flowing upper perennial rivers. characterized by particles smaller than (6-7 cm) and primarily consist of sand and mud.	
R3UBH	Permanently flooded upper perennial riverine systems characterized by particles smaller than (6-7 cm) and primarily consist of sand and mud.	
R3USC Seasonally flooded upper perennial unconsolidated shores. Beach sand bars, and exposed flats along rivers and streams		
R4SBC	Riverine channels that flow more frequently (seasonally) than intermittent streams (R4SBA).	

# **Description of Special Modifiers:**

SPECIAL MODIFIER	DESCRIPTION	
h	Diked/Impounded - Created or modified by a man-made barrier or dam, which obstructs the inflow or outflow of water.	
х	Excavated - Lies within a basin or channel excavated by man.	
r	Artificial Substrate- concrete-lined drainage-ways, as well as Rock Bottom, Unconsolidated Bottom, Rocky Shore and Unconsolidated Shore where the substrate	
s	material has been emplaced by humans. Jetties and breakwaters are examples of Artificial Rocky Shores.	
f	Farmed—Farmed wetlands occur where the soil surface has been mechanically or physically altered for production of crops, but where hydrophytes would become reestablished if the farming were discontinued. Farmed wetlands should be classified as Palustrine Farmed. Cultivated cranberry bogs may be classified Palustrine-Farmed or Palustrine Scrub-Shrub Wetland Farmed.	
d	Partly Drained/Ditched—A partly drained wetland has been altered hydrologically, but soil moisture is still sufficient to support hydrophytes. Drained areas that can no longer support hydrophytes are not considered wetland. This Modifier is also used to identify wetlands containing, or connected to, ditches. The Partly Drained/Ditched Modifier can be applied even if the ditches are too small to delineate.	

m	Managed - This modifier is used to identify wetlands where water inputs are controlled to achieve a specific water regime or habitat type. Water control structures in combination with dikes and impoundments are common; however, this modifier should not be used in conjunction with the Artificially Flooded regime nor used to describe reservoirs nor for use in the Riverine system.
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## Partial list of wetland and riparian plant species with indicator status:

A list of wetland and non-wetland indicator species for the Olympic Peninsula, and Washington Coastal region is in **Appendix B**.

The most current plant and past plant list can be obtained here: <a href="http://wetlandplants.usace.army.mil/nwpl\_static/v33/home/home.html">http://wetlandplants.usace.army.mil/nwpl\_static/v33/home/home.html</a>

# Regional specialized conventions: None.

Other discussion of mapping issues (image quality, water conditions, etc.): The mapping for this project utilized the most recent NAIP imagery (1-foot resolution) for the State of Washington (2017). Ancillary data also curated was NRCS and Weyerhaeuser soil surveys (hydric soils indications), the existing National Wetlands Inventory, the National Hydrography Dataset for indications of streams and springs.

LiDAR imagery was provided by the Quinault Indian Reservation (collected in 2015). Digital terrain models (DTM; 3m), a hillshade and synthetic streams derived from this LiDAR data was used to more accurately place wetlands and streams. The Quinault Indian Reservation also provided field photos and WETs tables for dozens of delineated wetlands for use as a cross-reference during the photo-interpretation phase of the project.

Other freely available online imagery sources such as Google Earth and Street View provided additional verification of ground conditions represented in older imagery and a series of images to compare to current NAIP imagery.

There has been extensive modification and disturbance across the landscape mostly due to logging within the reservation boundary. Slash piles in clear-cut areas, and other detritus obscured wetland imagery signatures in dozens of sites known to contain wetland vegetation and soils under normal conditions; efforts were made to reconcile these problematic areas wherever possible, while still adhering to the FGDC mandated standards of mapping.

#### References:

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APPENDIX A: List of 1:24,000 scale USGS topographic quadrangles in the project area

USGS ID	Quadrangle Name		
47124-E3	Queets		
47124-E2	Salmon River West		
47124-E1	Salmon River East		
47123-E8	Matheny Ridge		
47124-D3	Tunnel Island		
47124-D2	O'Took Prairie		
47124-D1	Thimble Mountain		
47123-D8	Lake Quinault West		
47123-D7	Lake Quinault East		
47124-C3	Taholah		
47124-C2	Shale Slough		
47124-C1	Macafee Hill		
47123-C8	Stevens Creek		
47124-B2	Moclips		
47124-B1	Carlisle		

# APPENDIX B: Wetland and Non-wetland Indicator Species (FAC through Obligate)

Arid West	Western Mountains Valleys and Coast	Scientific Name	Common Name
FAC	FACU	Acer glabrum	Rocky Mountain Maple
FAC	FAC	Aconogonon phytolaccifolium	Alpine Fleeceflower
FAC	FACU	Actaea rubra	Red Baneberry
FAC	FAC	Adiantum aleuticum	Aleutian Maidenhair
FAC	FACU	Agoseris aurantiaca	Orange-Flower Goat-Chicory
FAC	UPL	Agoseris monticola	_?_
FAC	FAC	Agrostis capillaris	Colonial Bent
FAC	FAC	Agrostis scabra	Rough Bent
FAC	FAC	Alhagi maurorum	Camelthorn
FAC	FAC	Allophyllum gilioides	Dense False Gily-Flower
FAC	FAC	Antennaria corymbosa	Flat-Top Pussytoes
FAC	FAC	Antennaria media	Rocky Mountain Pussytoes
FAC	FAC	Antennaria pulchella	Sierran Pussytoes
FAC	FAC	Apocynum cannabinum	Indian-Hemp

FAC	FAC	Aquilegia formosa	Crimson Columbine
FAC	FAC	Arnica latifolia	Daffodil Leopardbane
FAC	FAC	Arnica mollis	Cordilleran Leopardbane
FAC	FACW	Artemisia douglasiana	Douglas' Wormwood
FAC	FAC	Artemisia potentilloides	Five-Finger Chicken-Sage
FAC	FAC	Asclepias fascicularis	Narrow-Leaf Milkweed
FAC	FAC	Asclepias speciosa	Showy Milkweed
FAC	FACW	Astragalus agrestis	Cock's-Head
FAC	FACU	Astragalus alpinus	Alpine Milk-Vetch
FAC	FACW	Astragalus canadensis	Canadian Milk-Vetch
FAC	FAC	Astragalus hornii	Horn's Milk-Vetch
FAC	FAC	Astragalus robbinsii	Robbins' Milk-Vetch
FAC	FAC	Athyrium americanum	American Alpine Lady Fern
FAC	FAC	Athyrium cyclosorum	Western Lady Fern
FAC	FAC	Atriplex argentea	Silverscale
FAC	UPL	Atriplex dioica	Saline Saltbush
FAC	FAC	Atriplex hortensis	Garden Orache
FAC	FAC	Atriplex lentiformis	Quailbush
FAC	FACW	Atriplex parryi	Parry's Saltbush
FAC	FAC	Atriplex pusilla	Smooth Saltbush
FAC	FACW	Atriplex semibaccata	Australian Saltbush
FAC	FAC	Atriplex serenana	Bracted Saltbush

FAC	FAC	Atriplex torreyi	Torrey's Saltbush
FAC	FACW	Baccharis salicifolia	Mule's-Fat
FAC	FAC	Barbarea vulgaris	Garden Yellow-Rocket
FAC	FACW	Bassia hyssopifolia	Five-Horn Smotherweed
FAC	FAC	Bassia scoparia	Mexican-Fireweed
FAC	FAC	Bistorta vivipara	Serpent-Grass
FAC	FACU	Botrychium ascendens	Triangle-Lobe Moonwort
FAC	FAC	Botrychium lunaria	Common Moonwort
FAC	FAC	Botrychium simplex	Least Moonwort
FAC	FAC	Botrypus virginianus	Rattlesnake Fern
FAC	FAC	Bromus ciliatus	Fringed Brome
FAC	FAC	Calystegia sepium	Hedge False Bindweed

FAC	FAC	Cardamine oligosperma	Little Western Bittercress
FAC	FAC	Carex abrupta	Abrupt-Beak Sedge
FAC	FAC	Carex bolanderi	Bolander's Sedge
FAC	FACW	Carex capitata	Capitate Sedge
FAC	FAC	Carex douglasii	Douglas' Sedge
FAC	FAC	Carex elynoides	Black-Root Sedge
FAC	FAC	Carex fracta	Fragile-Sheath Sedge
FAC	FAC	Carex haydeniana	Hayden's Sedge
FAC	FAC	Carex heteroneura	Different-Nerve Sedge
FAC	FACU	Carex hoodii	Hood's Sedge
FAC	FAC	Carex infirminervia	_?_
FAC	FAC	Carex leptopoda	Taper-Fruit Short-Scale Sedge
FAC	FACU	Carex micropoda	Pyrenean Sedge
FAC	FACU	Carex microptera	Small-Wing Sedge
FAC	FAC	Carex nova	New Sedge
FAC	FAC	Carex pachystachya	Thick-Head Sedge
FAC	FACW	Carex parryana	Parry's Sedge
FAC	FAC	Carex pelocarpa	Dusky-Seed Sedge
FAC	UPL	Carex petasata	Liddon Sedge
FAC	FAC	Carex podocarpa	Short-Stalk Sedge
FAC	FAC	Carex scirpoidea	Canadian Single-Spike Sedge
FAC	FAC	Carex subfusca	Rusty Sedge
FAC	FAC	Carex subnigricans	Dark Mountain Sedge
FAC	FAC	Carex vallicola	Valley Sedge
FAC	FAC	Carex vernacula	Native Sedge
FAC	FAC	Castilleja rhexiifolia	Rosy Indian-Paintbrush
FAC		Castilleja salsuginosa	Monte Neva Indian-Paintbrush
FAC	FACU	Castilleja tenuis	Hairy Indian-Paintbrush
FAC	FACU	Celtis reticulata	Net-Leaf Hackberry

FAC		Cenchrus polystachios	Mission Grass
FAC	UPL	Centromadia pungens	Pungent False Tarplant
FAC	FAC	Cerastium brachypodum	Short-Stalk Mouse-Ear Chickweed
FAC	FAC	Chenopodium glaucum	Oak-Leaf Goosefoot
FAC	FAC	Chloracantha spinosa	Mexican-Devilweed

FAC FAC Cirsium scariosum Meadow Thistite FAC FAC Claytonia cordifolia Heart-Leaf Springbeauty FAC FAC Claytonia lanceolata Lance-Leaf Springbeauty FAC FAC Claytonia perfoliata Miner's-Lettuce FAC FAC Corallorhiza trifida Yellow Coralroot FAC FAC Corallorhiza trifida Yellow Coralroot FAC FAC Crataegus douglasii Black Hawthorn FAC FAC Crataegus rivularis River Hawthorn FAC FAC Cyclachaena xanthiifolia Carelessweed FAC FAC Cyclachaena xanthiifolia Carelessweed FAC FAC Dasiphora fruticosa Golden-Hardhack FAC FAC Delphinium nuttallianum Two-Lobe Larkspur FAC FAC Delphinium nuttallianum Two-Lobe Larkspur FAC FAC Dipsacus fullonum Fuller's Teasel FAC FAC Dipsacus fullonum Fuller's Teasel FAC FAC Dipsacus fullonum Fuller's Teasel FAC FAC Draba albertina Slender Whitlow-Grass FAC FAC Draba paucitructa Charleston Mountain Whitlow-Grass FAC FAC Drymocallis glabrata Idaho Woodbeauty FAC FAC Drymocallis salandiosa Sticky Woodbeauty FAC FAC Drymocallis hansenii Yosemite Woodbeauty FAC FAC Drymocallis hansenii Yosemite Woodbeauty FAC FAC Drymocallis micropetala Little-Petal Woodbeauty FAC FAC Drymocallis micropetala Little-Petal Woodbeauty FAC FAC Drymocallis micropetala Russian-Olive FAC FAC Elaeagnus angustifolia Russian-Olive FAC FAC Elymus canadensis Nodding Wild Rye FAC FAC Elivestum arvense Field Horsetail FAC FAC FAC Ergrostis pectinacea Purple Love Grass FAC FAC FAC FAC Ergrostis pectinacea FAC FAC FAC FAC Factor Parale Cup Grass FAC FAC FAC FAC Factor Parale Cup Grass	FAC	FAC	Circaea alpina	Small Enchanter's-Nightshade
FAC FAC Claytonia lanceolata Lance-Leaf Springbeauty  FAC FAC Claytonia perfoliata Miner's-Leituce  FAC FAC Clematis ligusticifolia Deciduous Traveler's-Joy  FAC FAC Corallorhiza trifida Yellow Coralroot  FAC FAC Crataegus douglasii Black Hawthorn  FAC FAC Crataegus rivularis River Hawthorn  FAC FAC Cyclachaena xanthiifolia Carelessweed  FAC FAC Cyperus fuscus Galingale  FAC FAC Dasiphora fruticosa Golden-Hardhack  FAC FAC Delphinium nuttallianum Two-Lobe Larkspur  FAC FAC Dipsacus fullonum Fuller's Teasel  FAC FAC Dipsacus fullonum Fuller's Teasel  FAC FAC Dipsacus fullonum Fuller's Teasel  FAC FAC Draba albertina Slender Whitlow-Grass  FAC FAC Draba paucifructa Charleston Mountain Whitlow-Grass  FAC FAC Drymocallis glabrata Idaho Woodbeauty  FAC FAC Drymocallis glandulosa Sticky Woodbeauty  FAC FAC Drymocallis spendorupestris  FAC FAC Drymocallis pseudorupestris  FAC FAC Drymocallis pseudorupestris  FAC FAC Drymocallis mansenii Yosemite Woodbeauty  FAC FAC Drymocallis pseudorupestris  FAC FAC Drymocallis pseudorupestris  FAC FAC Drymocallis nansenii Russian-Olive  FAC FAC Drymocallis nansenii Russian-Olive  FAC FAC Drymocallis pseudorupestris  FAC FAC Drymocallis pseudorupestris Russian-Olive  FAC FAC Elaeagnus angustifolia Russian-Olive  FAC FAC Elaesgnus angustifolia Russian-Olive  FAC FAC Elaesgnus repens Creeping Wild Rye  FAC FAC Elaesgnus repens Creeping Wild Rye  FAC FAC Elaesgnus psectinacea Purple Love Grass  FAC FAC FAC Ergorostis pectinacea Purple Love Grass  FAC FAC FAC FAC Facuse rubra Red Fescue  FAC FAC FAC Facusial Facus Red Fescue  FAC FAC FAC Facus Frangula obovata -2-	FAC	FAC	Cirsium scariosum	Meadow Thistle
FAC FAC Claytonia perfoliata Miner's-Lettuce FAC FAC Clematis ligusticifolia Deciduous Traveler's-Joy FAC FAC Corallorhiza trifida Yellow Coralroot FAC FAC Crataegus douglasii Black Hawthorn FAC FAC Crataegus rivularis River Hawthorn FAC FAC Cyclachaena xanthiifolia Carelessweed FAC FAC Cyclachaena xanthiifolia Carelessweed FAC FAC Dasiphora fruticosa Golden-Hardhack FAC FAC Delphinium nuttallianum Two-Lobe Larkspur FAC FAC Dichanthellum acuminatum Tapered Rosette Grass FAC FAC Dischatthellum acuminatum Fuller's Teasel FAC FAC Dissacus fullonum Fuller's Teasel FAC FAC Distichlis spicata Coastal Salt Grass FAC FAC Draba albertina Slender Whitlow-Grass FAC FAC Drymocallis glabrata Idaho Woodbeauty FAC FAC Drymocallis glandulosa Sticky Woodbeauty FAC FAC Drymocallis incropetala Little-Petal Woodbeauty FAC FAC Drymocallis nessenii Yosemite Woodbeauty FAC FAC Drymocallis nessenii Racea Sierran Woodbeauty FAC FAC Drymocallis pseudorupestris 2-2 FAC FAC Drymocallis pseudorupestris Pach FAC Drymocallis pseudorupestris Pach FAC Drymocallis pseudorupestris Pach FAC Elaeagnus angustifolia Russian-Olive FAC FAC Elymus canadensis Nodding Wild Rye FAC FAC Elymus canadensis Nodding Wild Rye FAC FAC Elymus repens Creeping Wild Rye FAC FAC Equisetum arvense Field Horsetail FAC FAC Eragrostis pectinacea Purple Love Grass FAC FAC FAC Eragrostis pectinacea Purple Love Grass FAC FAC FAC Facuse rubra Red Fescue FAC FAC Frangula obovata 2-2	FAC	FAC	Claytonia cordifolia	Heart-Leaf Springbeauty
FAC FAC Clematis ligusticifolia Deciduous Traveler's-Joy FAC FAC Coraliorhiza trifida Yellow Coralroot FAC FAC Crataegus douglasii Black Hawthorn FAC FACW Crataegus rivularis River Hawthorn FAC FACW Cyperus fuscus Galingale FAC FAC Dasiphora fruticosa Golden-Hardhack FAC FAC Delphinium nuttallianum Two-Lobe Larkspur FAC FAC Dichanthelium acuminatum Tapered Rosette Grass FAC FAC Dipsacus fullonum Fuller's Teasel FAC FAC Draba albertina Slender Whitlow-Grass FAC FAC Draba albertina Slender Whitlow-Grass FAC FAC Drymocallis glabrata Idaho Woodbeauty FAC FAC Drymocallis alctea Sierran Woodbeauty FAC FAC Drymocallis nicropetala Little-Petal Woodbeauty FAC FAC Drymocallis pseudorupestris FAC FAC Drymocallis pseudorupestris PAC FAC Drymocallis Research FAC FAC Drymocallis Russian-Olive FAC FAC Elaeagnus angustifolia Russian-Olive FAC FAC Elymus canadensis Nodding Wild Rye FAC FAC Equisetum arvense Field Horsetail FAC FAC Equisetum arvense Field Horsetail FAC FAC FAC Eragrostis pectinacea Purple Love Grass FAC FAC FAC Face Frangula obovata Prairie Cup Grass FAC FAC FAC Frangula obovata	FAC	FAC	Claytonia lanceolata	Lance-Leaf Springbeauty
FAC FAC Crataegus douglasii Black Hawthorn FAC FACW Crataegus rivularis River Hawthorn FAC FACW Cryclachaena xanthiifolia Carelessweed FAC FACW Cyperus fuscus Galingale FAC FAC Dasiphora fruticosa Golden-Hardhack FAC FAC Delphinium nuttallianum Two-Lobe Larkspur FAC FAC Dichanthellium acuminatum Tapered Rosette Grass FAC FAC Dipsacus fullonum Fuller's Teasel FAC FAC Disabetrina Slender Whitlow-Grass FAC FAC Draba albertina Slender Whitlow-Grass FAC FAC Drymocallis glabrata Idaho Woodbeauty FAC FAC Drymocallis alactea Sierran Woodbeauty FAC FAC Drymocallis nicropetala Little-Petal Woodbeauty FAC FAC Drymocallis pseudorupestris FAC FAC Drymocallis Research FAC FAC Drymocallis Russian-Olive FAC FAC Elaeagnus angustifolia Russian-Olive FAC FAC Elymus canadensis Nodding Wild Rye FAC FAC Elymus repens Creeping Wild Rye FAC FAC Equisetum arvense Field Horsetail FAC FAC Equisetum arvense Field Horsetail FAC FAC FAC Eragrostis pectinacea Purple Love Grass FAC FAC FAC Faceriochioa contracta Prairie Cup Grass FAC FAC FAC Frangula obovata 2.2	FAC	FAC	Claytonia perfoliata	Miner's-Lettuce
FAC FAC Crataegus douglasii Black Hawthorn  FAC FACW Crataegus rivularis River Hawthorn  FAC FAC Cyclachaena xanthiifolia Carelessweed  FAC FACW Cyperus fuscus Galingale  FAC FAC Dasiphora fruticosa Golden-Hardhack  FAC FAC Delphinium nuttallianum Two-Lobe Larkspur  FAC FAC Dichanthelium acuminatum Tapered Rosette Grass  FAC FAC Dipsacus fullonum Fuller's Teasel  FAC FAC Draba albertina Slender Whitlow-Grass  FAC FAC Draba albertina Charleston Mountain Whitlow-Grass  FAC FAC Drymocallis glabrata Idaho Woodbeauty  FAC FAC Drymocallis glandulosa Sticky Woodbeauty  FAC FAC Drymocallis hansenli Yosemite Woodbeauty  FAC FAC Drymocallis lactea Sierran Woodbeauty  FAC FAC Drymocallis micropetala Little-Petal Woodbeauty  FAC FAC Drymocallis pseudorupestris?_  FAC FAC Drymocallis pseudorupestris Nodding Wild Rye  FAC FAC Elaeagnus angustifolia Russian-Olive  FAC FAC Elymus canadensis Nodding Wild Rye  FAC FAC Equisetum arvense Field Horsetail  FAC FAC Eracrostis pectinacea Purple Love Grass  FAC FAC Eragrostis pectinacea Purple Love Grass  FAC FAC FAC Erigeron glacialis Glacier Fleabane  FAC FAC FAC Frangula obovata?_	FAC	FAC	Clematis ligusticifolia	Deciduous Traveler's-Joy
FAC FAC Drymocallis glandulosa FAC FAC Drymocallis lactea FAC Drymocallis lactea FAC FAC Drymocallis pseudorupestris FAC FAC Drymocallis pseudorupestria FAC FAC Drymocallis pseudorupestria FAC FAC Drymocallis pseudorupestria FAC FAC Drymocallis glandulosa FAC FAC Drymocallis pseudorupestris FAC FAC Elymus canadensis Nodding Wild Rye FAC FAC Elymus repens Creeping Wild Rye FAC FAC Equisetum arvense Field Horsetail FAC FAC Equisetum arvense FAC FAC Eragrostis pectinacea FAC FAC Eragrostis pectinacea FAC FAC FAC Ericochloa contracta FAC FAC FAC Frangula obovata FAC FAC Frangula obovata	FAC	FAC	Corallorhiza trifida	Yellow Coralroot
FAC FAC Drymocallis lactea FAC Drymocallis lactea FAC FAC Drymocallis pseudorupestris FAC FAC Drymocallis pseudorupestris FAC FAC Drymocallis pseudorupestris FAC FAC Drymocallis Race FAC Drymocallis Race FAC FAC Drymocallis Race Sierran Woodbeauty FAC FAC FAC Drymocallis Race Fiela Horsetail FAC FAC FAC Elymus canadensis Nodding Wild Rye FAC FAC FAC Ergrostis pectinacea Purple Love Grass FAC FAC FAC Fragrostis pectinacea Purple Love Grass FAC FAC FAC Fragrostis pectinacea Purple Love Grass FAC FAC FAC Fragrostis Pactinacea Prairie Cup Grass FAC FAC FAC Frangula obovata?_	FAC	FAC	Crataegus douglasii	Black Hawthorn
FAC FAC Drymocallis glandulosa FAC FAC Drymocallis lactea FAC FAC Drymocallis pseudorupestris FAC FAC Drymocallis pseudorupestris FAC FAC Drymocallis glandulosa FAC FAC Drymocallis green Bac FAC FAC Drymocallis Responsible Pac FAC FAC Drymocallis Responsible Pac FAC FAC Drymocallis Responsible Pac FAC FAC Drymocallis Glactea FAC FAC Drymocallis Responsible Pac FAC FAC Drymocallis Pac FAC FAC Pac FAC Drymocallis Pac FAC FAC Pac FAC Pac FAC Pac FAC FAC Elacagnus angustifolia Russian-Olive FAC FAC Elymus canadensis Nodding Wild Rye FAC FAC Elymus repens Creeping Wild Rye FAC FAC Equisetum arvense Field Horsetail FAC FAC Eragrostis pectinacea Purple Love Grass FAC FAC Erigeron glacialis Glacier Fleabane FAC FAC FAC Eriochloa contracta Prairie Cup Grass FAC FAC FAC Facuar rubra Red Fescue FAC FAC Fangula obovata?_	FAC	FACW	Crataegus rivularis	River Hawthorn
FAC FAC Drymocallis paeudorupestris FAC FAC Drymocallis pseudorupestris FAC FAC Drymocallis Russian-Olive FAC FAC Elymus canadensis Nodding Wild Rye FAC FAC Elymus repens Creeping Wild Rye FAC FAC FAC Equisetum arvense Field Horsetail FAC FAC FAC Eragrostis pectinacea Purple Love Grass FAC FAC FAC FAC Prancial Russian-Olive FAC FAC FAC FAC Prigeron glacialis Glacier Fleabane FAC FAC FAC FAC FAC Prigeron glacialis Rusrie Cup Grass FAC FAC FAC FAC Facuratra Red Fescue FAC FAC FAC Frangula obovata -?-	FAC	FAC	Cyclachaena xanthiifolia	Carelessweed
FAC FAC Drymocallis micropetala FAC FAC Drymocallis pseudorupestris FAC FAC Elaeagnus angustifolia Russian-Olive FAC FAC Elymus repens Creeping Wild Rye FAC FAC Equisetum arvense Field Horsetail FAC FAC Eragrostis pectinacea Purple Love Grass FAC FAC Eriochloa contracta Prairie Cup Grass FAC FAC FAC Festuca rubra FAC FAC Facurbra Red Fescue FAC FAC Frangula obovata -?_	FAC	FACW	Cyperus fuscus	Galingale
FAC FAC Distinction acuminatum Tapered Rosette Grass FAC FAC Dipsacus fullonum Fuller's Teasel FAC FACW Distichlis spicata Coastal Salt Grass FAC FAC Draba albertina Slender Whitlow-Grass FAC Draba paucifructa Charleston Mountain Whitlow-Grass FAC FAC Drymocallis glabrata Idaho Woodbeauty FAC FAC Drymocallis glandulosa Sticky Woodbeauty FAC FAC Drymocallis hansenii Yosemite Woodbeauty FAC FAC Drymocallis lactea Sierran Woodbeauty FAC FAC Drymocallis micropetala Little-Petal Woodbeauty FAC FAC Drymocallis pseudorupestris?_ FAC FAC Drymocallis pseudorupestris?_ FAC FAC Elaeagnus angustifolia Russian-Olive FAC FAC Elymus canadensis Nodding Wild Rye FAC FAC Elymus repens Creeping Wild Rye FAC FAC Equisetum arvense Field Horsetail FAC FAC Eragrostis pectinacea Purple Love Grass FAC FAC Erigeron glacialis Glacier Fleabane FAC FAC FAC Festuca rubra Red Fescue FAC FAC Frangula obovata?_	FAC	FAC	Dasiphora fruticosa	Golden-Hardhack
FAC FAC Drymocallis lactea Sierran Woodbeauty FAC FAC Drymocallis pseudorupestris FAC FAC Drymocallis pseudorupestris FAC FAC Drymocallis Rabertina Sierran Woodbeauty FAC FAC Drymocallis pseudorupestris FAC FAC Drymocallis Rabertina Sierran Woodbeauty FAC FAC Drymocallis nambrosioides Mexican-Tea FAC FAC Drymocallis Rabertina Russian-Olive FAC FAC Elymus repens FAC FAC Eragrostis pectinacea Purple Love Grass FAC FAC FAC Eriochloa contracta Red Fescue FAC FAC FAC Prangula obovata -?_	FAC	FAC	Delphinium nuttallianum	Two-Lobe Larkspur
FAC FAC Drymocallis plantal Little-Petal Woodbeauty FAC FAC Drymocallis micropetala Little-Petal Woodbeauty FAC FAC Drymocallis pseudorupestris FAC FAC Drymocallis precurate Drymocallis Russian-Olive FAC FAC Drymocallis precurate Pac FAC FAC Elymus repens FAC FAC Eragrostis pectinacea Purple Love Grass FAC FAC FAC Drymocallis Roctea Prairie Cup Grass FAC FAC FAC Drymocallis Roctea Prairie Cup Grass FAC FAC PAC Drymocallis Prairie Cup Grass FAC FAC FAC Drymocallis Roctea Prairie Cup Grass FAC FAC FAC Pacchloa contracta Prairie Cup Grass FAC FAC FAC Facular and Prairie Cup Grass FAC FAC FAC Facular and Prairie Cup Grass FAC FAC FAC Facular and Pacchloa Cultivate FAC FAC FAC Facular and Prairie Cup Grass FAC FAC FAC Facular and Pacchloa Contracta Prairie Cup Grass FAC FAC FAC Facular and Pacchloa Contracta Red Fescular Pacchloa Contracta Prairie Cup Grass FAC FAC FAC Facular and Pacchloa Contracta Red Fescula — ?—	FAC	FAC	Dichanthelium acuminatum	Tapered Rosette Grass
FAC FAC Drymocallis glandulosa Sticky Woodbeauty FAC FAC Drymocallis glandulosa Sticky Woodbeauty FAC FAC Drymocallis hansenii Yosemite Woodbeauty FAC FAC Drymocallis lactea Sierran Woodbeauty FAC FAC Drymocallis micropetala Little-Petal Woodbeauty FAC FAC Drymocallis pseudorupestris?_ FAC FAC Dysphania ambrosioides Mexican-Tea FAC FAC Elaeagnus angustifolia Russian-Olive FAC FAC Elymus canadensis Nodding Wild Rye FAC FAC Equisetum arvense Field Horsetail FAC FAC Eragrostis pectinacea Purple Love Grass FAC FAC FAC Eriochloa contracta Prairie Cup Grass FAC FAC FAC Festuca rubra Red Fescue FAC FAC FAC Fangula obovata?_	FAC	FAC	Dipsacus fullonum	Fuller's Teasel
FAC PAC Drymocallis glabrata Idaho Woodbeauty  FAC FAC Drymocallis glandulosa Sticky Woodbeauty  FAC FAC Drymocallis glandulosa Sticky Woodbeauty  FAC FAC Drymocallis hansenii Yosemite Woodbeauty  FAC FAC Drymocallis lactea Sierran Woodbeauty  FAC FAC Drymocallis micropetala Little-Petal Woodbeauty  FAC FAC Drymocallis pseudorupestris?_  FAC FAC Drymocallis pseudorupestris Mexican-Tea  FAC FAC Elaeagnus angustifolia Russian-Olive  FAC FAC Elymus canadensis Nodding Wild Rye  FAC FAC Elymus repens Creeping Wild Rye  FAC FAC Equisetum arvense Field Horsetail  FAC FAC Eragrostis pectinacea Purple Love Grass  FAC FAC Eriochloa contracta Prairie Cup Grass  FAC FAC FAC Festuca rubra Red Fescue  FAC FAC Frangula obovata?_	FAC	FACW	Distichlis spicata	Coastal Salt Grass
FAC FAC Drymocallis glabrata Idaho Woodbeauty  FAC FAC Drymocallis glandulosa Sticky Woodbeauty  FAC FAC Drymocallis hansenii Yosemite Woodbeauty  FAC FAC Drymocallis lactea Sierran Woodbeauty  FAC FAC Drymocallis micropetala Little-Petal Woodbeauty  FAC FAC Drymocallis pseudorupestris?_  FAC FAC Dysphania ambrosioides Mexican-Tea  FAC FAC Elaeagnus angustifolia Russian-Olive  FAC FAC Elymus canadensis Nodding Wild Rye  FAC FAC Elymus repens Creeping Wild Rye  FAC FAC Equisetum arvense Field Horsetail  FAC FAC Eragrostis pectinacea Purple Love Grass  FAC FAC Erigeron glacialis Glacier Fleabane  FAC FAC FAC Eriochloa contracta Prairie Cup Grass  FAC FAC FAC Festuca rubra Red Fescue  FAC FAC Fargula obovata?_	FAC	FAC	Draba albertina	Slender Whitlow-Grass
FAC FAC Drymocallis glandulosa Sticky Woodbeauty  FAC FAC Drymocallis hansenii Yosemite Woodbeauty  FAC FAC Drymocallis lactea Sierran Woodbeauty  FAC FAC Drymocallis micropetala Little-Petal Woodbeauty  FAC FAC Drymocallis pseudorupestris?_  FAC FAC Dysphania ambrosioides Mexican-Tea  FAC FAC Elaeagnus angustifolia Russian-Olive  FAC FAC Elymus canadensis Nodding Wild Rye  FAC FAC Elymus repens Creeping Wild Rye  FAC FAC Equisetum arvense Field Horsetail  FAC FAC Eragrostis pectinacea Purple Love Grass  FAC FAC Eriochloa contracta Prairie Cup Grass  FAC FAC FAC Festuca rubra Red Fescue  FAC FAC Facula obovata?_	FAC		Draba paucifructa	Charleston Mountain Whitlow-Grass
FAC FAC Drymocallis hansenii Yosemite Woodbeauty  FAC FAC Drymocallis lactea Sierran Woodbeauty  FAC FAC Drymocallis micropetala Little-Petal Woodbeauty  FAC FAC Drymocallis pseudorupestris?_  FAC FAC Dysphania ambrosioides Mexican-Tea  FAC FAC Elaeagnus angustifolia Russian-Olive  FAC FAC Elymus canadensis Nodding Wild Rye  FAC FAC Elymus repens Creeping Wild Rye  FAC FAC Equisetum arvense Field Horsetail  FAC FAC Eragrostis pectinacea Purple Love Grass  FAC FAC Eriochloa contracta Prairie Cup Grass  FAC FAC FAC Festuca rubra Red Fescue  FAC FAC Fangula obovata?_	FAC	FAC	Drymocallis glabrata	Idaho Woodbeauty
FAC FAC Drymocallis lactea Sierran Woodbeauty  FAC FAC Drymocallis micropetala Little-Petal Woodbeauty  FAC FAC Drymocallis pseudorupestris?_  FAC FAC Dysphania ambrosioides Mexican-Tea  FAC FAC Elaeagnus angustifolia Russian-Olive  FAC FAC Elymus canadensis Nodding Wild Rye  FAC FAC Elymus repens Creeping Wild Rye  FAC FAC Equisetum arvense Field Horsetail  FAC FAC Eragrostis pectinacea Purple Love Grass  FAC FAC Erigeron glacialis Glacier Fleabane  FAC FAC FAC Eriochloa contracta Prairie Cup Grass  FAC FAC FAC Festuca rubra Red Fescue  FAC FAC Frangula obovata?_	FAC	FAC	Drymocallis glandulosa	Sticky Woodbeauty
FAC FAC Drymocallis micropetala Little-Petal Woodbeauty  FAC FAC Drymocallis pseudorupestris?_  FAC FAC Dysphania ambrosioides Mexican-Tea  FAC FAC Elaeagnus angustifolia Russian-Olive  FAC FAC Elymus canadensis Nodding Wild Rye  FAC FAC Elymus repens Creeping Wild Rye  FAC FAC Equisetum arvense Field Horsetail  FAC FAC Eragrostis pectinacea Purple Love Grass  FAC FACW Erigeron glacialis Glacier Fleabane  FAC FAC Eriochloa contracta Prairie Cup Grass  FAC FAC FAC Festuca rubra Red Fescue  FAC FAC Frangula obovata?_	FAC	FAC	Drymocallis hansenii	Yosemite Woodbeauty
FAC FAC Drymocallis pseudorupestris?_  FAC FAC Dysphania ambrosioides Mexican-Tea  FAC FAC Elaeagnus angustifolia Russian-Olive  FAC FAC Elymus canadensis Nodding Wild Rye  FAC FAC Elymus repens Creeping Wild Rye  FAC FAC Equisetum arvense Field Horsetail  FAC FAC Eragrostis pectinacea Purple Love Grass  FAC FACW Erigeron glacialis Glacier Fleabane  FAC FAC Eriochloa contracta Prairie Cup Grass  FAC FAC FAC Festuca rubra Red Fescue  FAC FAC Frangula obovata?_	FAC	FAC	Drymocallis lactea	Sierran Woodbeauty
FAC FAC Dysphania ambrosioides Mexican-Tea  FAC FAC Elaeagnus angustifolia Russian-Olive  FAC FAC Elymus canadensis Nodding Wild Rye  FAC FAC Elymus repens Creeping Wild Rye  FAC FAC Equisetum arvense Field Horsetail  FAC FAC Eragrostis pectinacea Purple Love Grass  FAC FACW Erigeron glacialis Glacier Fleabane  FAC FAC Eriochloa contracta Prairie Cup Grass  FAC FAC FAC Festuca rubra Red Fescue  FAC FAC Frangula obovata?_	FAC	FAC	Drymocallis micropetala	Little-Petal Woodbeauty
FAC FAC Elymus canadensis Nodding Wild Rye  FAC FAC Elymus repens Creeping Wild Rye  FAC FAC Equisetum arvense Field Horsetail  FAC FAC Eragrostis pectinacea Purple Love Grass  FAC FAC Erigeron glacialis Glacier Fleabane  FAC FAC Eriochloa contracta Prairie Cup Grass  FAC FAC FAC Facurubra Red Fescue  FAC FAC FAC Fangula obovata?_	FAC	FAC	Drymocallis pseudorupestris	_?_
FAC FAC Elymus canadensis Nodding Wild Rye  FAC FAC Elymus repens Creeping Wild Rye  FAC FAC Equisetum arvense Field Horsetail  FAC FAC Eragrostis pectinacea Purple Love Grass  FAC FACW Erigeron glacialis Glacier Fleabane  FAC FAC Eriochloa contracta Prairie Cup Grass  FAC FAC FAC Festuca rubra Red Fescue  FAC FAC FAC Frangula obovata?_	FAC	FAC	Dysphania ambrosioides	Mexican-Tea
FAC       FAC       Elymus repens       Creeping Wild Rye         FAC       FAC       Equisetum arvense       Field Horsetail         FAC       FAC       Eragrostis pectinacea       Purple Love Grass         FAC       FACW       Erigeron glacialis       Glacier Fleabane         FAC       FAC       Eriochloa contracta       Prairie Cup Grass         FAC       FAC       Festuca rubra       Red Fescue         FAC       FAC       Frangula obovata       _?_	FAC	FAC	Elaeagnus angustifolia	Russian-Olive
FAC FAC Equisetum arvense Field Horsetail  FAC FAC Eragrostis pectinacea Purple Love Grass  FAC FACW Erigeron glacialis Glacier Fleabane  FAC FAC Eriochloa contracta Prairie Cup Grass  FAC FAC FAC Festuca rubra Red Fescue  FAC FAC FAC Frangula obovata?_	FAC	FAC	Elymus canadensis	Nodding Wild Rye
FAC FAC Eragrostis pectinacea Purple Love Grass  FAC FACW Erigeron glacialis Glacier Fleabane  FAC FAC Eriochloa contracta Prairie Cup Grass  FAC FAC FAC Festuca rubra Red Fescue  FAC FAC FAC Frangula obovata?_	FAC	FAC	Elymus repens	Creeping Wild Rye
FAC FACW Erigeron glacialis Glacier Fleabane  FAC FAC Eriochloa contracta Prairie Cup Grass  FAC FAC Festuca rubra Red Fescue  FAC FAC Frangula obovata?_	FAC	FAC	Equisetum arvense	Field Horsetail
FAC FAC Eriochloa contracta Prairie Cup Grass  FAC FAC Festuca rubra Red Fescue  FAC FAC Frangula obovata?_	FAC	FAC	Eragrostis pectinacea	Purple Love Grass
FAC FAC Festuca rubra Red Fescue  FAC FAC Frangula obovata _?_	FAC	FACW	Erigeron glacialis	Glacier Fleabane
FAC FAC Frangula obovata _?_	FAC	FAC	Eriochloa contracta	Prairie Cup Grass
<u> </u>	FAC	FAC	Festuca rubra	Red Fescue
FAC FAC Fravinus valutina Valvet Ash	FAC	FAC	Frangula obovata	_?_
Traxillus velutilia	FAC	FAC	Fraxinus velutina	Velvet Ash

FAC	FAC	Galium mexicanum	Mexican Bedstraw
	<u>.</u>		
FAC	FAC	Gayophytum humile	Dwarf Groundsmoke
FAC	FAC	Gayophytum racemosum	Black-Foot Groundsmoke
FAC	FAC	Geranium caespitosum	Purple Cluster Crane's-Bill
FAC	FACU	Geranium viscosissimum	Sticky Purple Crane's-Bill
FAC	FAC	Gleditsia triacanthos	Honey-Locust
FAC	FAC	Glycyrrhiza lepidota	American Licorice
FAC	FAC	Gymnosteris parvula	Small-Flower Starlet
FAC	UPL	Helianthus ciliaris	Texas-Blueweed
FAC	FAC	Hesperochiron pumilus	Dwarf Monkey-Fiddle
FAC	FAC	Holcus lanatus	Common Velvet Grass
FAC	FAC	Hordeum arizonicum	Arizona Barley
FAC	FAC	Hordeum jubatum	Fox-Tail Barley
FAC	FAC	Hordeum marinum	Seaside Barley
FAC	FAC	Hornungia procumbens	Ovalpurse
FAC	FAC	Hymenoxys hoopesii	Owl's-Claws
FAC	FAC	Imperata brevifolia	California Satintail
FAC	FAC	Iva axillaris	Deer-Root
FAC	FAC	Ivesia kingii	King's Mousetail
FAC	FAC	Ivesia lycopodioides	Clubmoss Mousetail
FAC	FAC	Ivesia sericoleuca	Plumas Mousetail
FAC	FAC	Juncus confusus	Colorado Rush
FAC	FAC	Juncus dudleyi	Dudley's Rush
FAC	FAC	Juncus parryi	Parry's Rush
FAC	FAC	Lactuca tatarica	Russian Blue Lettuce
FAC	FAC	Laennecia coulteri	Coulter's Woolwort
FAC	FACW	Lepidium dictyotum	Alkali Pepperwort
FAC	FAC	Lepidium latifolium	Broad-Leaf Pepperwort
FAC	FAC	Lepidium nitidum	Shining Pepperwort
FAC	FAC	Leymus cinereus	Great Basin Lyme Grass
FAC	FAC	Leymus triticoides	Beardless Lyme Grass
FAC	FAC	Ligusticum grayi	Sheep Wild Lovage
FAC	FAC	Lolium perenne	Perennial Rye Grass
FAC	FAC	Lonicera cauriana	Sweet-Berry Honeysuckle

FAC	FAC	Lonicera conjugialis	Purple-Flower Honeysuckle
FAC	FAC	Lonicera involucrata	Four-Line Honeysuckle
FAC	FAC	Lotus corniculatus	Garden Bird's-Foot-Trefoil
FAC	FAC	Lupinus polyphyllus	Blue-Pod Lupine
FAC	FAC	Luzula comosa	Pacific Wood-Rush
FAC	FAC	Luzula parviflora	Small-Flower Wood-Rush
FAC	FACU	Lycium torreyi	Squawthorn
FAC	FAC	Lysimachia arvensis	Scarlet Yellow-Loosestrife

FAC	FAC	Maianthemum racemosum	Feathery False Solomon's-Seal
FAC	FACU	Medicago lupulina	Black Medick
FAC	FAC	Melica spectabilis	Showy Melic Grass
FAC		Mentzelia leucophylla	Ash Meadows Blazingstar
FAC	FAC	Mertensia oblongifolia	Languid-Lady
FAC	FAC	Micranthes occidentalis	Mountain Pseudosaxifrage
FAC	FAC	Micranthes tolmiei	Tolmie's Alpine Pseudosaxifrage
FAC	FAC	Mimulus rubellus	Little Red-Stem Monkey-Flower
FAC	FAC	Mollugo cerviana	Thread-Stem Carpetweed
FAC	FAC	Monolepis nuttalliana	Nuttall's Poverty-Weed
FAC	FAC	Montia linearis	Linear-Leaf Candy-Flower
FAC	FAC	Muhlenbergia andina	Fox-Tail Muhly
FAC	FAC	Muhlenbergia mexicana	Mexican Muhly
FAC	FAC	Muhlenbergia minutissima	Least Muhly
FAC	FAC	Muhlenbergia richardsonis	Matted Muhly
FAC	UPL	Muhlenbergia rigens	Deer Grass
FAC	FAC	Myosurus cupulatus	Arizona Mousetail
FAC	FAC	Navarretia breweri	Yellow Pincushion-Plant
FAC	FAC	Navarretia capillaris	Miniature Pincushion-Plant
FAC	FAC	Nemophila pedunculata	Meadow Baby-Blue-Eyes
FAC	FACU	Neokochia americana	Green-Molly
FAC	FAC	Neottia convallarioides	Broad-Lip Twayblade
FAC	FAC	Nicotiana glauca	Tree Tobacco
FAC	FAC	Oenothera flava	Long-Tube Evening-Primrose
FAC	FAC	Oenothera villosa	Hairy Evening-Primrose
FAC	FAC	Oreostemma alpigenum	Tundra Mountaincrown

FAC	FAC	Packera pauciflora	Rayless Alpine Groundsel
FAC	FACU	Parkinsonia aculeata	Mexican Palo-Verde
FAC	FACU	Pascopyrum smithii	Western-Wheat Grass
FAC	FAC	Pectiantia breweri	_?_
FAC	FAC	Penstemon procerus	Pincushion Beardtongue
FAC	FAC	Perideridia gairdneri	Common Yampah
FAC	FAC	Perideridia parishii	Parish's Yampah
FAC	FAC	Phacelia procera	Tall Scorpion-Weed
FAC	FAC	Phacelia tetramera	Four-Part Yellow Scorpion-Weed
FAC	FAC	Phalaris paradoxa	Mediterranean Canary Grass
FAC	FAC	Phleum alpinum	Mountain Timothy
FAC	FAC	Phyllodoce breweri	Red Mountain-Heath
FAC	FAC	Pinus contorta	Lodgepole Pine
FAC	FACU	Plantago lanceolata	English Plantain
FAC	FAC	Plantago major	Great Plantain

FAC	FAC	Poa alpina	Alpine Blue Grass
FAC	FAC	Poa interior	Inland Blue Grass
FAC	FAC	Poa palustris	Fowl Blue Grass
FAC	FAC	Poa pratensis	Kentucky Blue Grass
FAC	OBL	Poa reflexa	Nodding Blue Grass
FAC	FACU	Polemonium foliosissimum	Towering Jacob's-Ladder
FAC	FAC	Polyctenium fremontii	Desert Combleaf
FAC	FAC	Polygonum argyrocoleon	Silver-Sheath Knotweed
FAC	FAC	Polygonum ramosissimum	Yellow-Flower Knotweed
FAC	FAC	Populus balsamifera	Balsam Poplar
FAC	FAC	Populus deltoides	Eastern Cottonwood
FAC	FACU	Populus X hinckleyana	_?_
FAC	FACW	Portulaca halimoides	Silk-Cotton Purslane
FAC	FAC	Portulaca oleracea	Little-Hogweed
FAC	FAC	Potentilla breweri	Brewer's Cinquefoil
FAC	FAC	Potentilla bruceae	Bruce's Cinquefoil
FAC	FAC	Potentilla gracilis	Graceful Cinquefoil
FAC	FAC	Potentilla norvegica	Norwegian Cinquefoil
FAC	FAC	Potentilla pulcherrima	Soft Cinquefoil

FAC	FAC	Primula cusickiana	Wallowa Primrose
FAC	FAC	Primula parryi	Brook Primrose
FAC	FAC	Prosopis pubescens	American Screw-Bean
FAC	FACU	Prunus virginiana	Choke Cherry
FAC	FACW	Pseudognaphalium luteoalbum	Jersey Rabbit-Tobacco
FAC	FAC	Pseudognaphalium stramineum	Cotton-Batting-Plant
FAC	FACU	Pyrola asarifolia	Pink Wintergreen
FAC	FACU	Pyrola chlorantha	Green-Flower Wintergreen
FAC	UPL	Pyrrocoma hirta	Tacky Goldenweed
FAC	FAC	Pyrrocoma lanceolata	Lance-Leaf Goldenweed
FAC	FAC	Pyrrocoma racemosa	Clustered Goldenweed
FAC	FAC	Ranunculus arcticus	Northern Buttercup
FAC	FACW	Ranunculus eschscholtzii	Spruce-Fir Buttercup
FAC	FACU	Ranunculus glaberrimus	Sagebrush Buttercup
FAC	FAC	Ranunculus jovis	Hillside Buttercup
FAC	FACW	Ranunculus occidentalis	Western Buttercup
FAC	FAC	Ranunculus repens	Creeping Buttercup
FAC	FAC	Ranunculus uncinatus	Woodland Buttercup
FAC	FAC	Ribes aureum	Golden Currant
FAC	FAC	Ribes inerme	White-Stem Gooseberry
FAC	FAC	Ribes nevadense	Sierran Currant
FAC	FAC	Ribes viscosissimum	Sticky Currant

FAC	FAC	Rorippa tenerrima	Modoc Yellowcress
FAC	FAC	Rosa californica	California Rose
FAC	FACU	Rubus parviflorus	Western Thimble-Berry
FAC	FAC	Rudbeckia occidentalis	Western Coneflower
FAC	FAC	Rumex crispus	Curly Dock
FAC	FAC	Rumex paucifolius	Alpine Sheep Sorrel
FAC	FAC	Rumex pulcher	Fiddle Dock
FAC	FAC	Saccharum ravennae	Ranenna Grass
FAC	FAC	Salix scouleriana	Scouler's Willow
FAC	FAC	Salix X fragilis	_?_
FAC	FACU	Sambucus nigra	Black Elder
FAC	FACU	Sarcobatus vermiculatus	Greasewood

FAC	FAC	Saxifraga caespitosa	Tufted Alpine Saxifrage
FAC	FAC	Sceptridium multifidum	Leathery Grape Fern
FAC	FAC	Scrophularia lanceolata	Lance-Leaf Figwort
FAC	FAC	Senecio scorzonella	Sierran Ragwort
FAC	FAC	Setaria parviflora	Marsh Bristle Grass
FAC	FAC	Setaria pumila	Yellow Bristle Grass
FAC	FAC	Silene menziesii	White Catchfly
FAC	FAC	Solanum dulcamara	Climbing Nightshade
FAC	FAC	Solidago lepida	Western Canada Goldenrod
FAC	FACU	Sonchus asper	Spiny-Leaf Sow-Thistle
FAC	FAC	Spergularia rubra	Ruby Sandspurry
FAC	FAC	Sphenopholis intermedia	Slender Wedgescale
FAC	FAC	Sphenopholis obtusata	Prairie Wedgescale
FAC	FAC	Sporobolus airoides	Alkali-Sacaton
FAC	FAC	Stellaria crispa	Ruffled Starwort
FAC	FACU	Stellaria graminea	Grass-Leaf Starwort
FAC	FAC	Stenotaphrum secundatum	St. Augustine Grass
FAC	FACU	Symphyotrichum ascendens	Western American-Aster
FAC	FAC	Symphyotrichum bracteolatum	Bracted American-Aster
FAC	FAC	Symphyotrichum spathulatum	Mountain American-Aster
FAC	FACW	Tamarix aphylla	Athel Tamarisk
FAC	FAC	Tamarix chinensis	Five-Stamen Tamarisk
FAC	FACW	Tamarix parviflora	Small-Flower Tamarisk
FAC	FAC	Taraxia breviflora	Nested Goldeneggs
FAC	FAC	Thalictrum fendleri	Fendler's Meadow-Rue
FAC	FAC	Thalictrum sparsiflorum	Few-Flower Meadow-Rue
FAC	FAC	Thermopsis montana	Montane Golden-Banner
FAC	FAC	Trianthema portulacastrum	Desert Horse-Purslane
FAC	FAC	Tridens muticus	Awnless Fluff Grass

FAC	FAC	Trifolium beckwithii	Plumas Clover
FAC	FAC	Trifolium cyathiferum	Bowl Clover
FAC	FAC	Trifolium eriocephalum	Woolly-Head Clover
FAC	FAC	Trifolium hybridum	Alsike Clover
FAC	FAC	Trifolium kingii	King's Clover

FAC	FAC	Trifolium microcephalum	Small-Head Clover
FAC	FAC	Trifolium monanthum	Mountain Carpet Clover
FAC	FAC	Trifolium productum	Shasta Clover
FAC	FAC	Trifolium variegatum	White-Tip Clover
FAC	FAC	Triteleia hyacinthina	Fool's-Onion
FAC	FAC	Urtica dioica	Stinging Nettle
FAC	FAC	Vaccinium caespitosum	Dwarf Blueberry
FAC	FAC	Valeriana edulis	Tobacco-Root
FAC	FAC	Valeriana occidentalis	Small-Flower Valerian
FAC	FAC	Verbena bracteata	Carpet Vervain
FAC	FAC	Verbena hastata	Simpler's-Joy
FAC	FAC	Veronica serpyllifolia	Thyme-Leaf Speedwell
FAC	FAC	Vicia americana	American Purple Vetch
FAC	FAC	Viola adunca	Hook-Spur Violet
FAC	FACU	Vulpia bromoides	Brome Six-Weeks Grass
FAC	FACU	Wyethia amplexicaulis	Northern Mule's-Ears
FAC	FAC	Xanthium strumarium	Rough Cockleburr
FAC	FACW	Zeltnera muehlenbergii	Monterey Mountain-Pink
FAC	FAC	Zizia aptera	Heart-Leaf Alexanders
FACW	FAC	Acer negundo	Ash-Leaf Maple
FACW	FACW	Aconitum columbianum	Columbian Monkshood
FACW	FACW	Adiantum capillus-veneris	Southern Maidenhair
FACW	FACW	Agrostis exarata	Spiked Bent
FACW	FAC	Agrostis gigantea	Black Bent
FACW	FACW	Agrostis idahoensis	Idaho Bent
FACW	FAC	Agrostis oregonensis	Oregon Bent
FACW	FAC	Agrostis stolonifera	Spreading Bent
FACW	FACW	Allenrolfea occidentalis	lodinebush
FACW	FACW	Allium schoenoprasum	Wild Chives
FACW	FACW	Almutaster pauciflorus	Marsh-Aster
FACW	FACW	Alnus incana	Speckled Alder
FACW	FACW	Alnus rhombifolia	White Alder
FACW	FAC	Alopecurus pratensis	Field Meadow-Foxtail
FACW	FACW	Amaranthus blitoides	Mat Amaranth
FACW	FACW	Amaranthus californicus	California Amaranth

FACW	OBL	Amaranthus tuberculatus	Rough-Fruit Amaranth
	1	1	
FACW	FACW	Andropogon glomeratus	Bushy Bluestem
FACW	FACW	Angelica arguta	Lyall's Angelica
FACW	FACW	Angelica kingii	Basin Angelica
FACW	FACW	Antennaria arcuata	Meadow Pussytoes
FACW	FACW	Anthoxanthum hirtum	Northern Sweet Vernal Grass
FACW	FACW	Arnica chamissonis	Leafy Leopardbane
FACW	FACW	Arnica lanceolata	Lance-Leaf Leopardbane
FACW	FACW	Arnica longifolia	Spear-Leaf Leopardbane
FACW	FACW	Arnica ovata	Sticky-Leaf Leopardbane
FACW	FACW	Artemisia biennis	Biennial Wormwood
FACW	FACW	Arundo donax	Giant-Reed
FACW	FACW	Astragalus argophyllus	Silver-Leaf Milk-Vetch
FACW	FACW	Astragalus lemmonii	Lemmon's Milk-Vetch
FACW	FACW	Atriplex bonnevillensis	Bonneville Saltbush
FACW	FACW	Atriplex patula	Halberd-Leaf Orache
FACW	FACW	Atriplex phyllostegia	Arrow Saltbush
FACW	FAC	Atriplex prostrata	Hastate Orache
FACW	FACW	Atriplex tridentata	Basin Saltbush
FACW	FAC	Baccharis salicina	Great Plains False Willow
FACW	FACW	Barbarea orthoceras	American Yellow-Rocket
FACW	FACW	Betula occidentalis	Water Birch
FACW	FACW	Bidens frondosa	Devil's-Pitchfork
FACW	OBL	Bidens vulgata	Tall Beggarticks
FACW	FACW	Bistorta bistortoides	American Bistort
FACW	FACW	Botrychium crenulatum	Scalloped Moonwort
FACW	FACW	Botrychium lanceolatum	Lance-Leaf Moonwort
FACW	FACW	Calamagrostis canadensis	Bluejoint
FACW	FACW	Calamagrostis stricta	Slim-Stem Reed Grass
FACW	FACW	Calochortus striatus	Alkali Mariposa-Lily
FACW	FACW	Camassia leichtlinii	Large Camas
FACW	FACW	Camassia quamash	Small Camas
FACW	FACW	Cardamine breweri	Sierran Bittercress
FACW	FACW	Cardamine cordifolia	Large Mountain Bittercress

FACW	FACW	Cardamine pensylvanica	Quaker Bittercress
FACW	FACW	Carex angustata	Many-Fruit Sedge
FACW	FACW	Carex athrostachya	Slender-Beak Sedge
FACW	FACW	Carex capillaris	Hair-Like Sedge
FACW	OBL	Carex fissuricola	Cleft Sedge
FACW	FACW	Carex hassei	Hasse's Sedge
FACW	FACW	Carex illota	Small-Head Sedge
FACW	OBL	Carex jonesii	Jones' Sedge

FACW	FACW	Carex leporina	Oval Sedge
FACW	OBL	Carex leporinella	Sierran Hare Sedge
FACW	FACW	Carex mariposana	Mariposa Sedge
FACW	OBL	Carex nervina	Sierran Sedge
FACW	FACW	Carex neurophora	Alpine Nerve Sedge
FACW	FACW	Carex praegracilis	Clustered Field Sedge
FACW	FACW	Carex praticola	Northern Meadow Sedge
FACW	OBL	Carex scopulorum	Holm's Rocky Mountain Sedge
FACW	FACW	Castilleja lemmonii	Lemmon's Indian-Paintbrush
FACW	FACW	Castilleja miniata	Great Red Indian-Paintbrush
FACW	FACW	Chamaenerion latifolium	Broad-Leaf Fireweed
FACW	FAC	Chenopodium chenopodioides	Low Goosefoot
FACW	FACW	Chenopodium rubrum	Red Goosefoot
FACW	FACW	Chloropyron tecopense	Tecopa Salt-Bird's-Beak
FACW	FACW	Cinna latifolia	Slender Wood-Reed
FACW	FACU	Cleomella brevipes	Short-Stalk Stinkweed
FACW	FACW	Cleomella parviflora	Small-Flower Stinkweed
FACW	FACW	Cleomella plocasperma	Alkali Stinkweed
FACW	FACW	Comastoma tenellum	Samiland-Gentian
FACW	FAC	Conium maculatum	Poison-Hemlock
FACW	FACW	Cornus alba	Red Osier
FACW	FACW	Cressa truxillensis	Spreading Alkali-Weed
FACW	FAC	Cyperus esculentus	Chufa
FACW	FACW	Cyperus involucratus	Alternate-Leaf Flat Sedge
FACW	FACW	Cyperus laevigatus	Smooth Flat Sedge
FACW	FACW	Cyperus parishii	Parish's Flat Sedge

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FACW	FACW	Cyperus strigosus	Straw-Color Flat Sedge
FACW	FACW	Cypselea humifusa	Panal
FACW	FACW	Datisca glomerata	Durango-Root
FACW	FACW	Delphinium glaucum	Tower Larkspur
FACW	FACW	Delphinium polycladon	Mountain-Marsh Larkspur
FACW	FACW	Deschampsia caespitosa	Tufted Hair Grass
FACW	FACW	Deschampsia danthonioides	Annual Hair Grass
FACW	FACW	Deschampsia elongata	Slender Hair Grass
FACW	FACW	Dinebra panicea	Needle Viper Grass
FACW	FACW	Diplachne fusca	Bearded Sprangletop
FACW	FACW	Dodecatheon alpinum	Alpine Shootingstar
FACW	FACW	Dodecatheon pulchellum	Dark-Throat Shootingstar
FACW	FAC	Echinochloa crus-galli	Large Barnyard Grass
FACW	FACW	Echinochloa crus-pavonis	Gulf Cock's-Spur Grass
FACW	FACW	Echinochloa muricata	Rough Barnyard Grass

FACW	FACW	Eleocharis atropurpurea	Purple Spike-Rush
FACW	FACW	Eleocharis bella	Delicate Spike-Rush
FACW	FACW	Eleocharis bolanderi	Bolander's Spike-Rush
FACW	FACW	Eleocharis parishii	Parish's Spike-Rush
FACW	FACW	Epilobium ciliatum	Fringed Willowherb
FACW	FACW	Epilobium densiflorum	Dense-Flower Willowherb
FACW	FACW	Epilobium glaberrimum	Glaucous Willowherb
FACW	FACW	Epilobium hallianum	Glandular Willowherb
FACW	FACW	Epilobium hornemannii	Hornemann's Willowherb
FACW	FACW	Epilobium lactiflorum	White-Flower Willowherb
FACW	FACW	Epilobium leptophyllum	Bog Willowherb
FACW	FACW	Epilobium saximontanum	Rocky Mountain Willowherb
FACW	FACW	Epilobium torreyi	Brook Willowherb
FACW	FACW	Equisetum hyemale	Tall Scouring-Rush
FACW	FACW	Equisetum laevigatum	Smooth Scouring-Rush
FACW	FACW	Equisetum X ferrissii	_?_
FACW	FACW	Erigeron coulteri	Large Mountain Fleabane
FACW	FACW	Erigeron lonchophyllus	Short-Ray Fleabane
FACW	FAC	Eriochloa acuminata	Taper-Tip Cup Grass

FACW		Eriogonum argophyllum	Sulphur Hot Springs Wild Buckwheat
FACW	FACW	Eryngium alismifolium	Modoc Eryngo
FACW	FACW	Euthamia occidentalis	Western Goldentop
FACW	FACW	Floerkea proserpinacoides	False Mermaidweed
FACW	FACW	Galium trifidum	Three-Petal Bedstraw
FACW	FACW	Gaultheria humifusa	Alpine Spicy-Wintergreen
FACW	FACW	Gentiana calycosa	Rainier Pleated Gentian
FACW	FACW	Gentiana fremontii	Moss Gentian
FACW	FACW	Gentiana newberryi	Alpine Gentian
FACW	FACW	Gentiana prostrata	Pygmy Gentian
FACW	FACW	Gentianella amarella	Autumn Dwarf-Gentian
FACW	FACW	Gentianopsis simplex	One-Flower Fringed-Gentian
FACW	FACW	Gentianopsis thermalis	Rocky Mountain Fringed-Gentian
FACW	FAC	Geum macrophyllum	Large-Leaf Avens
FACW	FACW	Glyceria declinata	Waxy Manna Grass
FACW	FACW	Gnaphalium palustre	Western Marsh Cudweed
FACW	FACW	Goodmania luteola	Yellow Spinecape
FACW	FACW	Grindelia camporum	Great Valley Gumweed
FACW	FACW	Grindelia fraxinipratensis	Ash Meadows Gumweed
FACW	FACW	Grindelia nana	Idaho Gumweed
FACW	FACW	Helenium autumnale	Fall Sneezeweed
FACW	FACW	Helianthus nuttallii	Nuttall's Sunflower

FACW	FAC	Heracleum maximum	American Cow-Parsnip
FACW	FAC	Heterocodon rariflorum	Western Pearlflower
FACW	FACW	Hordeum brachyantherum	Meadow Barley
FACW	FACW	Hordeum depressum	Dwarf Barley
FACW	FACW	Hydrophyllum occidentale	Squaw-Lettuce
FACW	FACW	Hypericum scouleri	Scouler's St. John's-Wort
FACW	FAC	lliamna rivularis	Streambank Wild Hollyhock
FACW	FACW	Iris missouriensis	Rocky Mountain Iris
FACW	FACW	Ivesia pityocharis	Pine Nut Mountain Mousetail
FACW	FACW	Juncus acutus	Spiny Rush
FACW	FACW	Juncus balticus	Baltic Rush
FACW	FACW	Juncus bufonius	Toad Rush

FACW	FACW	Juncus castaneus	Chestnut Rush
FACW	FACW	Juncus chlorocephalus	Green-Head Rush
FACW	FACW	Juncus cooperi	Cooper's Rush
FACW	FACW	Juncus drummondii	Drummond's Rush
FACW	FACW	Juncus dubius	Mariposa Rush
FACW	FACW	Juncus effusus	Lamp Rush
FACW	FACW	Juncus ensifolius	Dagger-Leaf Rush
FACW	FACW	Juncus longistylis	Long-Style Rush
FACW	FACW	Juncus macrophyllus	Long-Leaf Rush
FACW	FACW	Juncus mexicanus	Mexican Rush
FACW	FACW	Juncus nevadensis	Sierran Rush
FACW	FACW	Juncus orthophyllus	Straight-Leaf Rush
FACW	FACW	Juncus regelii	Regel's Rush
FACW	FACW	Juncus saximontanus	Rocky Mountain Rush
FACW	FAC	Juncus tenuis	Lesser Poverty Rush
FACW	FACW	Juncus tiehmii	Nevada Rush
FACW	FACW	Juncus torreyi	Torrey's Rush
FACW	FACW	Lepidium davisii	Davis' Pepperwort
FACW	FAC	Lupinus latifolius	Broad-Leaf Lupine
FACW	FACW	Luzula subcongesta	Donner Wood-Rush
FACW	OBL	Lysimachia maritima	Sea-Milkwort
FACW	FACW	Lysimachia nummularia	Creeping-Jenny
FACW	FACW	Mentha arvensis	American Wild Mint
FACW	FACW	Mentha X piperita	_?_
FACW	FACW	Mertensia ciliata	Tall Fringe Bluebells
FACW	FAC	Micranthes aprica	Sierran Pseudosaxifrage
FACW	FACW	Micranthes integrifolia	Columbian Pseudosaxifrage
FACW	FACW	Micranthes nidifica	Peak Pseudosaxifrage
FACW	FACW	Micranthes odontoloma	Streambank Pseudosaxifrage

FACW	FAC	Micranthes rhomboidea	Diamond-Leaf Pseudosaxifrage
FACW	FACW	Mimetanthe pilosa	False Monkey-Flower
FACW	FACW	Mimulus cardinalis	Scarlet Monkey-Flower
FACW	FACW	Mimulus lewisii	Great Purple Monkey-Flower
FACW	OBL	Mimulus moschatus	Muskflower

FACW	OBL	Mimulus primuloides	Yellow Creeping Monkey-Flower
FACW	FACW	Muhlenbergia asperifolia	Alkali Muhly
FACW	FACW	Muhlenbergia filiformis	Pullup Muhly
FACW	FACW	Muhlenbergia glomerata	Spiked Muhly
FACW	FACW	Muhlenbergia racemosa	Green Muhly
FACW	FACW	Muhlenbergia utilis	Aparejo Grass
FACW	FAC	Myosotis discolor	Yellow Scorpion-Grass
FACW	FACW	Myosotis scorpioides	True Forget-Me-Not
FACW	FACW	Navarretia intertexta	Needle-Leaf Pincushion-Plant
FACW	FACW	Neokochia californica	California-Molly
FACW	FAC	Neottia cordata	Heart-Leaf Twayblade
FACW	FACW	Nitrophila mohavensis	Amargosa Niterwort
FACW	FACW	Nitrophila occidentalis	Boraxweed
FACW	FACW	Oenothera elata	Hooker's Evening-Primrose
FACW	FACW	Packera pseudaurea	Streambank Groundsel
FACW	FACW	Packera subnuda	Buek's Groundsel
FACW	FACW	Panicum dichotomiflorum	Fall Panic Grass
FACW	FACW	Panicum virgatum	Wand Panic Grass
FACW	FACW	Paspalum distichum	Jointed Crown Grass
FACW	FAC	Pectiantia pentandra	_?_
FACW	FACW	Pedicularis crenulata	Purple-Flower Lousewort
FACW	FACW	Persicaria lapathifolia	Dock-Leaf Smartweed
FACW	FACW	Persicaria maculosa	Spotted Lady's-Thumb
FACW	FACW	Persicaria pensylvanica	Pinkweed
FACW	FACW	Phacelia inundata	Playa Yellow Scorpion-Weed
FACW	FACW	Phalaris arundinacea	Reed Canary Grass
FACW	FACW	Phalaris caroliniana	May Grass
FACW	FACW	Phalaris lemmonii	Lemmon's Canary Grass
FACW	FACW	Phlox kelseyi	Marsh Phlox
FACW	FACW	Phragmites australis	Common Reed
FACW	FAC	Phyla nodiflora	Turkey-Tangle
FACW	FACW	Piperia dilatata	Scentbottle
FACW	FACW	Plagiobothrys hispidulus	Harsh Popcorn-Flower
FACW	FACW	Plagiobothrys mollis	Soft Popcorn-Flower
FACW	FACW	Plagiobothrys salsus	Salty Popcorn-Flower

FACW	FACW	Plagiobothrys scouleri	Meadow Popcorn-Flower
l	1	1	1
FACW	FACW	Plagiobothrys stipitatus	Stalked Popcorn-Flower
FACW	FACW	Plantago eriopoda	Red-Woolly Plantain
FACW	FACW	Platanthera sparsiflora	Canyon Bog Orchid
FACW	FACW	Platanthera stricta	Slender Bog Orchid
FACW	FACW	Pluchea odorata	Sweetscent
FACW	FACW	Pluchea sericea	Arrow-Weed
FACW	FACW	Poa leptocoma	Marsh Blue Grass
FACW	FAC	Poa trivialis	Rough-Stalk Blue Grass
FACW	FACW	Podagrostis humilis	Alpine False Bent
FACW	FACW	Polemonium occidentale	Western Jacob's-Ladder
FACW	FAC	Polygonum aviculare	Yard Knotweed
FACW	FACW	Polygonum kelloggii	Kellogg's Knotweed
FACW	FACW	Polypogon australis	Chilean Rabbit's-Foot Grass
FACW	FACW	Polypogon interruptus	Ditch Rabbit's-Foot Grass
FACW	FACW	Polypogon monspeliensis	Annual Rabbit's-Foot Grass
FACW	FACW	Polypogon viridis	Beardless Rabbit's-Foot Grass
FACW	FACW	Populus angustifolia	Narrow-Leaf Cottonwood
FACW	FACW	Potentilla basaltica	Soldier Meadows Cinquefoil
FACW	FACW	Potentilla biennis	Biennial Cinquefoil
FACW	FAC	Potentilla flabellifolia	Fringe-Leaf Cinquefoil
FACW	FACW	Potentilla millefolia	Cut-Leaf Cinquefoil
FACW	FACW	Potentilla rivalis	Brook Cinquefoil
FACW		Primula capillaris	Ruby Mountain Primrose
FACW	FACW	Psilocarphus brevissimus	Dwarf Woollyheads
FACW	FACW	Puccinellia distans	Spreading Alkali Grass
FACW	FAC	Puccinellia lemmonii	Lemmon's Alkali Grass
FACW	FACW	Puccinellia nuttalliana	Nuttall's Alkali Grass
FACW	FACW	Pyrrocoma uniflora	Plantain Goldenweed
FACW	FAC	Ranunculus acris	Tall Buttercup
FACW	FACW	Ranunculus adoneus	Alpine Buttercup
FACW	FACW	Ranunculus alismifolius	Water-Plantain Buttercup
FACW	FACW	Ranunculus gmelinii	Lesser Yellow Water Buttercup
FACW	FACW	Ranunculus inamoenus	Graceful Buttercup

FACW	FACW	Ranunculus orthorhynchus	Straight-Beak Buttercup
FACW	OBL	Rhododendron columbianum	Western Labrador-Tea
FACW	FACW	Ribes hudsonianum	Northern Black Currant
FACW	FAC	Rorippa austriaca	Austrian Yellowcress
FACW	FACW	Rorippa curvipes	Blunt-Leaf Yellowcress
FACW	FAC	Rorippa sinuata	Spreading Yellowcress
FACW	FAC	Rorippa sphaerocarpa	Round-Fruit Yellowcress
FACW	FACW	Rumex californicus	California Willow Dock

FACW	FACW	Rumex conglomeratus	Sharp Dock
FACW	FACW	Rumex fueginus	Tierra del Fuego Dock
FACW	FACW	Rumex occidentalis	Western Dock
FACW	FACW	Rumex salicifolius	Willow Dock
FACW	FACW	Rumex stenophyllus	Narrow-Leaf Dock
FACW	FACW	Rumex transitorius	Pacific Willow Dock
FACW	FAC	Rumex triangulivalvis	Triangular-Valved Dock
FACW	FACW	Rumex violascens	Violet Dock
FACW	FACW	Sagina saginoides	Alpine Pearlwort
FACW	FACW	Salix alba	White Willow
FACW	FACW	Salix amygdaloides	Peach-Leaf Willow
FACW	FACW	Salix bebbiana	Gray Willow
FACW	FACW	Salix boothii	Booth's Willow
FACW	FACW	Salix drummondiana	Drummond's Willow
FACW	FACW	Salix eastwoodiae	Sierran Willow
FACW	FACW	Salix exigua	Narrow-Leaf Willow
FACW	FACW	Salix gooddingii	Goodding's Black Willow
FACW	FACW	Salix laevigata	Polished Willow
FACW	FACW	Salix lasiandra	Pacific Willow
FACW	FACW	Salix lasiolepis	Arroyo Willow
FACW	FACW	Salix lemmonii	Lemmon's Willow
FACW	FAC	Salix ligulifolia	Strap-Leaf Willow
FACW	FACW	Salix nivalis	Snow Willow
FACW	FACW	Salix orestera	Gray-Leaf Sierran Willow
FACW	FACW	Salix X sepulcralis	_?_
FACW	FACW	Samolus ebracteatus	Limewater Brookweed

FACW	FACW	Saxifraga adscendens	Wedge-Leaf Saxifrage
FACW	FACW	Saxifraga cernua	Nodding Saxifrage
FACW	FACW	Saxifraga rivularis	Alpine-Brook Saxifrage
FACW	FACW	Scirpus congdonii	Congdon's Bulrush
FACW	FACW	Selaginella selaginoides	Northern Spike-Moss
FACW	FACU	Senecio amplectens	Showy Alpine Ragwort
FACW	FACW	Senecio hydrophiloides	Stout Meadow Ragwort
FACW	FACW	Senecio sphaerocephalus	Mountain-Marsh Ragwort
FACW	FACW	Senecio triangularis	Arrow-Leaf Ragwort
FACW	FACW	Sesuvium verrucosum	Verrucose Sea-Purslane
FACW	FACW	Sidalcea candida	White Checkerbloom
FACW	FACW	Sidalcea neomexicana	Rocky Mountain Checkerbloom
FACW	FACW	Sidalcea oregana	Oregon Checkerbloom
FACW	FACW	Sisyrinchium bellum	California Blue-Eyed-Grass
FACW	FACW	Sisyrinchium funereum	Funeral Mountain Blue-Eyed-Grass

FACW	FACW	Sisyrinchium halophilum	Nevada Blue-Eyed-Grass
FACW	FACW	Sisyrinchium idahoense	Idaho Blue-Eyed-Grass
FACW	FACW	Solidago spectabilis	Nevada Goldenrod
FACW	FACW	Spartina gracilis	Alkali Cord Grass
FACW	FACU	Spergularia atrosperma	Black-Seed Sandspurry
FACW	FACW	Sphenosciadium capitellatum	Swamp Whiteheads
FACW	FACW	Spiranthes diluvialis	Diluvim Ladies'-Tresses
FACW		Spiranthes infernalis	Ash Meadows Ladies'-Tresses
FACW	FACW	Spiranthes porrifolia	Western Ladies'-Tresses
FACW	FACW	Spiranthes romanzoffiana	Hooded Ladies'-Tresses
FACW	FACW	Stachys pilosa	Hairy Hedge-Nettle
FACW	FACW	Stachys rigida	Rough Hedge-Nettle
FACW	FACW	Stellaria borealis	Boreal Starwort
FACW	FACW	Stellaria calycantha	Northern Bog Starwort
FACW	FACW	Stellaria longifolia	Long-Leaf Starwort
FACW	FACW	Stellaria longipes	Long-Stalk Starwort
FACW	FACW	Stellaria umbellata	Umbrella Starwort
FACW	FACW	Suaeda calceoliformis	Paiuteweed
FACW	FACW	Suaeda occidentalis	Western Seepweed

FACW	FACW	Swertia perennis	Felwort
FACW	FACW	Symphyotrichum frondosum	Leafy American-Aster
FACW	FACW	Taraxia subacaulis	Spreading Goldeneggs
FACW	FAC	Teucrium canadense	American Germander
FACW	FACW	Thalictrum alpinum	Alpine Meadow-Rue
FACW	FACW	Thelypodium integrifolium	Entire-Leaf Thelypody
FACW	FACW	Thelypodium sagittatum	Arrowhead Thelypody
FACW	FAC	Trifolium longipes	Long-Stalk Clover
FACW	FACW	Trifolium wormskioldii	Cow Clover
FACW	FACW	Vaccinium uliginosum	Alpine Blueberry
FACW	FAC	Veratrum californicum	California False Hellebore
FACW	FACW	Veronica wormskjoldii	American Alpine Speedwell
FACW	FACW	Viola nephrophylla	Northern Bog Violet
FACW	OBL	Viola palustris	Alpine-Marsh Violet
FACW	FACW	Washingtonia filifera	California Fan Palm
FACW	FACW	Woodwardia fimbriata	Giant Chain Fern
FACW	FACW	Wyethia helianthoides	White-Ray Mule's-Ears
FACW	FACW	Zeltnera exaltata	Desert Mountain-Pink
FACW		Zeltnera namophila	Spring-Loving Mountain-Pink
FACW	FACW	Zeltnera X nevadensis	_?_
OBL	OBL	Alisma gramineum	Narrow-Leaf Water-Plantain
OBL	OBL	Alisma triviale	Northern Water-Plantain

OBL	OBL	Allium validum	Tall Swamp Onion
OBL	OBL	Alopecurus aequalis	Short-Awn Meadow-Foxtail
OBL	OBL	Alopecurus geniculatus	Marsh Meadow-Foxtail
OBL	OBL	Ammannia robusta	Grand Redstem
OBL	OBL	Anemopsis californica	Yerba-Mansa
OBL	OBL	Arida carnosa	Shrubby Alkali Desert Tansy-Aster
OBL	OBL	Asclepias incarnata	Swamp Milkweed
OBL	OBL	Azolla microphylla	Mexican Mosquito Fern
OBL	OBL	Bacopa eisenii	Gila River Water-Hyssop
OBL	OBL	Beckmannia syzigachne	American Slough Grass
OBL	OBL	Bergia texana	Texas Bergia
OBL	OBL	Berula erecta	Cut-Leaf-Water-Parsnip

OBL	OBL	Bidens cernua	Nodding Burr-Marigold
OBL	OBL	Bidens laevis	Smooth Beggarticks
OBL	OBL	Callitriche hermaphroditica	Autumn Water-Starwort
OBL	OBL	Callitriche heterophylla	Greater Water-Starwort
OBL	OBL	Callitriche palustris	Vernal Water-Starwort
OBL	OBL	Caltha leptosepala	White Marsh-Marigold
OBL	OBL	Carex alma	Sturdy Sedge
OBL	OBL	Carex amplifolia	Big-Leaf Sedge
OBL	OBL	Carex aquatilis	Leafy Tussock Sedge
OBL	OBL	Carex atherodes	Wheat Sedge
OBL	FACW	Carex aurea	Golden-Fruit Sedge
OBL	OBL	Carex bebbii	Bebb's Sedge
OBL	OBL	Carex brunnescens	Brownish Sedge
OBL	OBL	Carex canescens	Hoary Sedge
OBL	FACW	Carex disperma	Soft-Leaf Sedge
OBL	OBL	Carex echinata	Star Sedge
OBL	OBL	Carex gynocrates	Northern Bog Sedge
OBL	OBL	Carex integra	Smooth-Beak Sedge
OBL	OBL	Carex interior	Inland Sedge
OBL	OBL	Carex kelloggii	Kellogg's Sedge
OBL	OBL	Carex lenticularis	Lakeshore Sedge
OBL	OBL	Carex limosa	Mud Sedge
OBL	OBL	Carex luzulina	Woodrush Sedge
OBL	OBL	Carex nebrascensis	Nebraska Sedge
OBL	OBL	Carex pellita	Woolly Sedge
OBL	OBL	Carex praeceptorum	Teacher's Sedge
OBL	OBL	Carex sheldonii	Sheldon's Sedge
OBL	OBL	Carex simulata	Analogue Sedge
OBL	OBL	Carex utriculata	Northwest Territory Sedge

OBL	OBL	Carex vesicaria	Lesser Bladder Sedge
OBL	OBL	Carex viridula	Little Green Sedge
OBL	OBL	Carex vulpinoidea	Common Fox Sedge
OBL	OBL	Carex X physocarpoides	_?_
OBL	OBL	Castilleja minor	Alkali Indian-Paintbrush

OBL	OBL	Catabrosa aquatica	Water Whorl Grass
OBL	OBL	Ceratophyllum demersum	Coon's-Tail
OBL	OBL	Chloropyron maritimum	Saltmarsh Salt-Bird's-Beak
OBL	OBL	Cicuta douglasii	Western Water-Hemlock
OBL	OBL	Cicuta maculata	Spotted Water-Hemlock
OBL	OBL	Cirsium douglasii	Douglas' Thistle
OBL	OBL	Cladium californicum	California Saw-Grass
OBL	OBL	Cotula coronopifolia	Common Brassbuttons
OBL	OBL	Crassula aquatica	Water Pygmyweed
OBL	OBL	Crassula solieri	Smooth-Seed Pygmyweed
OBL	OBL	Crypsis alopecuroides	Fox-Tail Prickle Grass
OBL	FACW	Crypsis schoenoides	Swamp Prickle Grass
OBL	OBL	Cyperus acuminatus	Taper-Tip Flat Sedge
OBL	OBL	Cyperus bipartitus	Shining Flat Sedge
OBL	OBL	Cyperus erythrorhizos	Red-Root Flat Sedge
OBL	OBL	Cyperus squarrosus	Awned Flat Sedge
OBL	OBL	Cyrtorhyncha cymbalaria	Alkali Buttercup
OBL	OBL	Damasonium californicum	Fringed-Water-Plantain
OBL	OBL	Dodecatheon redolens	Scented Shootingstar
OBL	OBL	Downingia bacigalupii	Bach's Calico-Flower
OBL	OBL	Downingia bicornuta	Double-Horn Calico-Flower
OBL	OBL	Downingia elegans	Elegant Calico-Flower
OBL	OBL	Downingia insignis	Harlequin Calico-Flower
OBL	OBL	Downingia laeta	Great Basin Calico-Flower
OBL	OBL	Echinodorus berteroi	Upright Burrhead
OBL	OBL	Elatine brachysperma	Short-Seed Waterwort
OBL	OBL	Elatine californica	California Waterwort
OBL	OBL	Elatine rubella	Red-Stem Waterwort
OBL	OBL	Eleocharis acicularis	Needle Spike-Rush
OBL	OBL	Eleocharis obtusa	Blunt Spike-Rush
OBL	OBL	Eleocharis pachycarpa	Black-Sand Spike-Rush
OBL	OBL	Eleocharis palustris	Common Spike-Rush
OBL	OBL	Eleocharis parvula	Little-Head Spike-Rush
OBL	OBL	Eleocharis quinqueflora	Few-Flower Spike-Rush
OBL	OBL	Eleocharis rostellata	Beaked Spike-Rush

OBL	OBL	Eleocharis suksdorfiana	Suksdorf's Spike-Rush
1	1	1	1 =
OBL	OBL	Elodea bifoliata	Two-Leaf Waterweed
OBL	OBL	Elodea canadensis	Canadian Waterweed
OBL	OBL	Epilobium campestre	Smooth Willowherb
OBL	FACW	Epilobium oregonense	Oregon Willowherb
OBL	OBL	Epilobium palustre	Marsh Willowherb
OBL	OBL	Epipactis gigantea	Giant Helleborine
OBL	OBL	Eragrostis hypnoides	Teal Love Grass
OBL	OBL	Eriophorum gracile	Slender Cotton-Grass
OBL	OBL	Eustoma exaltatum	Catchfly Prairie-Gentian
OBL	OBL	Fimbristylis thermalis	Hot Springs Fimbry
OBL	OBL	Gentianopsis holopetala	Sierran Fringed-Gentian
OBL	OBL	Glyceria borealis	Small Floating Manna Grass
OBL	FACW	Glyceria elata	Tall Manna Grass
OBL	OBL	Glyceria grandis	American Manna Grass
OBL	OBL	Glyceria striata	Fowl Manna Grass
OBL	OBL	Gratiola neglecta	Clammy Hedge-Hyssop
OBL	OBL	Hippuris vulgaris	Common Mare's-Tail
OBL	OBL	Hosackia oblongifolia	Streambank Deer-Vetch
OBL	OBL	Hydrilla verticillata	Water-Thyme
OBL	OBL	Hydrocotyle prolifera	Proliferous Marsh-Pennywort
OBL	OBL	Hydrocotyle verticillata	Whorled Marsh-Pennywort
OBL	OBL	Hypericum anagalloides	Tinker's-Penny
OBL	OBL	Iris pseudacorus	Pale-Yellow Iris
OBL	OBL	Isoetes bolanderi	Bolander's Quillwort
OBL	OBL	Juncus articulatus	Joint-Leaf Rush
OBL	OBL	Juncus bryoides	Moss Dwarf Rush
OBL	FACW	Juncus hemiendytus	Herman's Dwarf Rush
OBL	OBL	Juncus mertensianus	Mertens' Rush
OBL	OBL	Juncus nodosus	Knotted Rush
OBL	FACW	Juncus uncialis	Inch-High Rush
OBL	OBL	Juncus xiphioides	Iris-Leaf Rush
OBL	OBL	Kalmia microphylla	Alpine-Laurel
OBL	OBL	Leersia oryzoides	Rice Cut Grass

OBL	OBL	Lemna gibba	Inflated Duckweed
OBL	OBL	Lemna minuta	Least Duckweed
OBL	OBL	Lemna trisulca	Ivy-Leaf Duckweed
OBL	OBL	Lemna turionifera	Turion Duckweed
OBL	OBL	Lemna valdiviana	Pale Duckweed
OBL	OBL	Lilium parvum	Sierran Tiger Lily
OBL	OBL	Limosella acaulis	Owyhee Mudwort
OBL	OBL	Limosella aquatica	Awl-Leaf Mudwort

OBL	OBL	Lindernia dubia	Yellow-Seed False Pimpernel
OBL	FACW	Lobelia cardinalis	Cardinal-Flower
OBL	OBL	Ludwigia repens	Creeping Primrose-Willow
OBL	OBL	Lycopus asper	Rough Water-Horehound
OBL	OBL	Lythrum californicum	California Loosestrife
OBL	OBL	Lythrum salicaria	Purple Loosestrife
OBL	OBL	Lythrum tribracteatum	Three-Bract Loosestrife
OBL	OBL	Marsilea oligospora	Pacific Water-Clover
OBL	OBL	Marsilea vestita	Hairy Water-Clover
OBL	FACW	Mentha spicata	Spearmint
OBL	OBL	Menyanthes trifoliata	Buck-Bean
OBL	FACW	Mertensia franciscana	Franciscan Bluebells
OBL	FACW	Micranthes oregana	Bog Pseudosaxifrage
OBL	OBL	Mimulus floribundus	Purple-Stem Monkey-Flower
OBL	OBL	Mimulus glabratus	Round-Leaf Monkey-Flower
OBL	OBL	Mimulus guttatus	Seep Monkey-Flower
OBL	OBL	Mimulus tilingii	Subalpine Monkey-Flower
OBL	OBL	Montia chamissoi	Chamisso's Candy-Flower
OBL	FACW	Montia fontana	Fountain Candy-Flower
OBL	OBL	Myosotis laxa	Bay Forget-Me-Not
OBL	OBL	Myosurus apetalus	Bristly Mousetail
OBL	OBL	Myosurus minimus	Tiny Mousetail
OBL	OBL	Myriophyllum sibiricum	Siberian Water-Milfoil
OBL	OBL	Myriophyllum spicatum	Eurasian Water-Milfoil
OBL	OBL	Myriophyllum verticillatum	Whorled Water-Milfoil
OBL	OBL	Najas guadalupensis	Guadalupe Waternymph

OBL	OBL	Najas marina	Holly-Leaf Waternymph
OBL	OBL	Nasturtium officinale	Watercress
OBL	OBL	Navarretia leucocephala	White-Flower Pincushion-Plant
OBL	OBL	Nuphar polysepala	_?_
OBL	OBL	Nymphaea odorata	American White Water-Lily
OBL		Nymphaea X thiona	_?_
OBL	OBL	Oenothera longissima	Long-Stem Evening-Primrose
OBL	OBL	Parnassia cirrata	San Bernardino Grass-of-Parnassus
OBL	OBL	Parnassia fimbriata	Fringed Grass-of-Parnassus
OBL	OBL	Parnassia kotzebuei	Kotzebue's Grass-of-Parnassus
OBL	OBL	Parnassia palustris	Marsh Grass-of-Parnassus
OBL	OBL	Parnassia parviflora	Small-Flower Grass-of-Parnassus
OBL	OBL	Pedicularis attollens	Little Elephant's-Head
OBL	OBL	Pedicularis groenlandica	Bull Elephant's-Head
OBL	OBL	Persicaria amphibia	Water Smartweed

OBL	OBL	Persicaria hydropiper	Mild Water-Pepper
OBL	OBL	Persicaria hydropiperoides	Swamp Smartweed
OBL	OBL	Phacelia distans	Distant Scorpion-Weed
OBL	OBL	Phyla lanceolata	Northern Frogfruit
OBL	FACW	Plagiobothrys leptocladus	Alkali Popcorn-Flower
OBL	OBL	Platanthera tescamnis	Intermountain Bog Orchid
OBL	OBL	Polypogon maritimus	Maritime Rabbit's-Foot Grass
OBL	OBL	Porterella carnosula	Porterplant
OBL	OBL	Potamogeton alpinus	Reddish Pondweed
OBL	OBL	Potamogeton berchtoldii	Little Aguja Pondweed
OBL	OBL	Potamogeton crispus	Curly Pondweed
OBL	OBL	Potamogeton diversifolius	Waterthread
OBL	OBL	Potamogeton foliosus	Leafy Pondweed
OBL	OBL	Potamogeton gramineus	Grassy Pondweed
OBL	OBL	Potamogeton illinoensis	Illinois Pondweed
OBL	OBL	Potamogeton natans	Broad-Leaf Pondweed
OBL	OBL	Potamogeton nodosus	Long-Leaf Pondweed
OBL	OBL	Potamogeton pusillus	Small Pondweed
OBL	OBL	Potamogeton richardsonii	Red-Head Pondweed

OBL	OBL	Potentilla anserina	Silverweed
OBL	OBL	Potentilla newberryi	Newberry's Cinquefoil
OBL	OBL	Psilocarphus oregonus	Oregon Woollyheads
OBL	OBL	Puccinellia fasciculata	Saltmarsh Alkali Grass
OBL	OBL	Ranunculus aquatilis	White Water-Crowfoot
OBL	OBL	Ranunculus flabellaris	Greater Yellow Water Buttercup
OBL	FACW	Ranunculus flammula	Greater Creeping Spearwort
OBL	OBL	Ranunculus hyperboreus	Far-Northern Buttercup
OBL	OBL	Ranunculus longirostris	Long-Beak Water-Crowfoot
OBL	OBL	Ranunculus macounii	Macoun's Buttercup
OBL	OBL	Ranunculus sceleratus	Cursed Buttercup
OBL	OBL	Ranunculus subrigidus	Short-Beak Water-Crowfoot
OBL	OBL	Ranunculus trichophyllus	Thread-Leaf Water-Crowfoot
OBL	OBL	Rorippa curvisiliqua	Curve-Pod Yellowcress
OBL	OBL	Rorippa palustris	Bog Yellowcress
OBL	OBL	Rorippa subumbellata	Lake Tahoe Yellowcress
OBL	OBL	Rotala ramosior	Lowland Toothcup
OBL	OBL	Ruppia cirrhosa	Spiral Ditch-Grass
OBL	OBL	Sagittaria cuneata	Arum-Leaf Arrowhead
OBL	OBL	Salicornia rubra	Red Saltwort
OBL	FACW	Salix geyeriana	Geyer's Willow
OBL	OBL	Salix jepsonii	Jepson's Willow

OBL	OBL	Salix lutea	Yellow Willow
OBL	OBL	Salix melanopsis	Dusky Willow
OBL	OBL	Salix planifolia	Tea-Leaf Willow
OBL	OBL	Salix prolixa	Mackenzie's Willow
OBL	OBL	Salix wolfii	Idaho Willow
OBL	OBL	Samolus parviflorus	_?_
OBL	OBL	Schoenoplectus acutus	Hard-Stem Club-Rush
OBL	OBL	Schoenoplectus americanus	Chairmaker's Club-Rush
OBL	OBL	Schoenoplectus maritimus	Saltmarsh Club-Rush
OBL	OBL	Schoenoplectus pungens	Three-Square
OBL	OBL	Schoenoplectus tabernaemontani	Soft-Stem Club-Rush
OBL	OBL	Schoenus nigricans	Black Bog-Rush
OBL	OBL	Scirpus microcarpus	Red-Tinge Bulrush

OBL	OBL	Scirpus nevadensis	Nevada Bulrush
OBL	OBL	Scutellaria galericulata	Hooded Skullcap
OBL	OBL	Senecio hydrophilus	Alkali-Marsh Ragwort
OBL	OBL	Sisyrinchium demissum	Stiff Blue-Eyed-Grass
OBL	OBL	Sium suave	Hemlock Water-Parsnip
OBL	OBL	Sparganium angustifolium	Narrow-Leaf Burr-Reed
OBL	OBL	Sparganium emersum	European Burr-Reed
OBL	OBL	Sparganium eurycarpum	Broad-Fruit Burr-Reed
OBL	OBL	Spergularia marina	Saltmarsh Sandspurry
OBL	OBL	Spirodela polyrhiza	Common Duckmeat
OBL	OBL	Stachys albens	White-Stem Hedge-Nettle
OBL	OBL	Stuckenia filiformis	Slender-Leaf False Pondweed
OBL	OBL	Stuckenia pectinata	Sago False Pondweed
OBL	OBL	Stuckenia striata	Striped False Pondweed
OBL	OBL	Stuckenia vaginata	Sheathed False Pondweed
OBL	OBL	Suaeda nigra	Shrubby Seepweed
OBL	OBL	Subularia aquatica	American Water-Awlwort
OBL	OBL	Symphyotrichum expansum	Desert American-Aster
OBL	OBL	Symphyotrichum lanceolatum	White Panicled American-Aster
OBL		Synthyris ranunculina	Charleston Mountain Kitten's-Tail
OBL	OBL	Torreyochloa erecta	Spiked False Manna Grass
OBL	OBL	Torreyochloa pallida	Pale False Manna Grass
OBL	OBL	Trichostema austromontanum	San Jacinto Bluecurls
OBL	OBL	Triglochin maritima	Seaside Arrow-Grass
OBL	OBL	Triglochin palustris	Marsh Arrow-Grass
OBL	OBL	Triglochin scilloides	Flowering-Quillwort
OBL	OBL	Typha angustifolia	Narrow-Leaf Cat-Tail
OBL	OBL	Typha domingensis	Southern Cat-Tail
OBL	OBL	Typha latifolia	Broad-Leaf Cat-Tail
OBL	OBL	Utricularia intermedia	Flat-Leaf Bladderwort
OBL	OBL	Utricularia macrorhiza	Greater Bladderwort
OBL	OBL	Utricularia minor	Lesser Bladderwort
OBL	OBL	Vallisneria americana	American Eel-Grass
OBL	OBL	Veronica americana	American-Brooklime
OBL	OBL	Veronica anagallis-aquatica	Blue Water Speedwell
OBL	OBL	Veronica beccabunga	European Speedwell
OBL	OBL	Veronica peregrina	Neckweed
OBL	OBL	Veronica scutellata	Grass-Leaf Speedwell
OBL	OBL	Viola macloskeyi	Smooth White Violet

OBL	OBL	Zannichellia palustris	Horned-Pondweed
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