

Appendix I. SEZ, Sensitive Plant Species and Noxious Weeds Survey

SEZ, SENSITIVE PLANT SPECIES AND NOXIOUS WEEDS SURVEY

Proposed California Tahoe Conservancy Bike Trail

EL DORADO COUNTY, CA

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1.0 INTRODUCTION

Sensitive plant species and Stream Environment Zone (SEZ) surveys were conducted in late July and August 2005, beginning from behind the Road Runner gas station in Meyers, California to Pioneer Trail near Ski Run Boulevard, for the proposed CTC bike path. These surveys augmented those conducted in 2002 and 2003 and were along proposed new bike path alternatives. Surveys were not conducted where the proposed bike path followed hard surfaces (asphalt). Surveys also included noxious weeds. The survey findings will be utilized to assess pre-development conditions and constraints to future land use.

The survey included approximately 9 miles, crossing properties owned by the California Tahoe Conservancy (CTC), U.S. Forest Service (LTBMU), the State of California, and the City of South Lake Tahoe. Private property was not surveyed. The proposed bike path alignment is located on the South Lake Tahoe, and Freel Peak USGS 7.5-minute quadrangle maps, within an approximate elevation range of 6,300 to 6,400 feet above mean sea level (msl).

SEZs are defined by the Tahoe Regional Planning Agency "...if any one of the following key indicators is present or, on the absence of a key indicator, if any three of the following secondary indicators are present" (TRPA 1988). 'Primary riparian vegetation' is listed as a key indicator, and was the primary factor used in defining SEZs for this survey. SEZs were located and numbered where they occurred adjacent to the proposed bike path. Not all SEZs located are actually crossed by the proposed bike path and in most cases careful location of the path can avoid their interception. Suitable habitat for sensitive species was only surveyed where the bike path is proposed and not in adjacent areas that will be un-affected by construction. Evaluation of secondary impacts to habitat were not within the scope of this work. Many of the bryophytes listed by the LTBMU occur in wetter environments than occur in most of the SEZs encountered along the proposed bike path.

Wetland delineations were not conducted as part of this survey.

2.0 VEGETATION

Vegetation community structure in the project area is dominated by a mixed conifer overstory of Jeffrey pine (*Pinus jeffreyi*) forest and white fir (*Abies concolor*) and lodgepole pine (*Pinus contorta* ssp. *murrayana*) with a Sierra montane chaparral in the understory. In some areas the vegetation is shrub-dominated by Mtn. sagebrush (*Artemisia tridentata* ssp. *vaseyana*) and bitterbrush (*Purshia tridentata*). Other shrub species included mountain whitethorn (*Ceanothus cordulatus*), greenleaf manzanita (*Arctostaphylos patula*), white squaw currant (*Ribes cereum*), squaw carpet (*Ceanothus prostratus*), and tobacco brush (*Ceanothus velutinus*). Some montane riparian habitat was encountered, along with SEZs .

3.0 METHODOLOGY

3.1 Pre-field Research

Prior to the field survey, a literature search was conducted to obtain information on occurrence of sensitive plant species and potential habitats within the proposed project alignment. The literature search included the California Department of Fish and Game Natural Diversity Data Base (South Lake Tahoe and Freel Peak overlays), the U.S. Forest Service Lake Tahoe Basin Management Unit (LTBMU), the California Department of Fish and Game (CDFG), US Fish and Wildlife Service (USFWS), California Native Plant Society (CNPS), and the Nevada Natural Heritage Program (NNHP).

Table 1. LTBMU, CDFG, USFWS, TRPA, and CNPS candidate and sensitive species known or suspected to occur on the LTBMU

Species	Status *	Known to occur in project area	Potential habitat in project area	No habitat	Habitat unsuitable based on the following:
<i>Arabis rigidissima</i> var. <i>demota</i>	S	N		X	Rocky habitat associated with this species did not occur along the proposed trail.
<i>Arabis tiehmii</i>	S	N		X	Habitat includes steep outcrops, talus and scree, which do not occur along the proposed trail.
<i>Berberis sonnei</i>				X	This plant typically occurs with Douglas fir Engelmann spruce, and Sub-alpine fir, species that don't occur on the proposed trail.
<i>Botrychium ascendens</i>	S	N	X		
<i>Botrychium crenulatum</i>	S	N	X		
<i>Botrychium lineare</i>	C, S	N	X		
<i>Botrychium lunaria</i>	S	N	X		
<i>Botrychium minganense</i>	S	N	X		
<i>Botrychium montanum</i>	S	N	X		
<i>Bruchia bolanderi</i>	S	N	X		
<i>Draba asterophora</i> var. <i>asterophora</i>	S, SI	Y		X	Habitat included rock crevices and talus slopes at high elevations. The proposed trail does not pass through this type of habitat.
<i>Draba asterophora</i> var. <i>macrocarpa</i>	S, SI	N		X	This plant occurs in rocky outcrops at high elevations. The proposed trail does not pass through this type of habitat.
<i>Epilobium howellii</i>	S	N	X		
<i>Erigeron miser</i>	S	N	X	X	Habitat for this species is rocky outcrops. The proposed trail follows existing trails and does not pass through this type of habitat.
<i>Eriogonum umbellatum</i> var. <i>torreyanum</i>	S	N		X	Habitat for this species is rocky volcanic meadows and outcrops. The proposed trail follows existing trails and does not pass through this type of habitat.
<i>Hulsea brevifolia</i>				X	Habitat consists of gravelly soils in montane forests, which do not occur along the proposed trail.
<i>Lewisia longipetala</i>	S, SI	N		X	This species occurs on the north/northeast/northwest

					sides of ridge tops at high elevations where snow banks persist throughout the summer. The plants are often found near the margins of the snow banks in wet soils. The proposed trail does not pass through this type of habitat.
<i>Meesia triquetra</i>	S	N		X	This moss prefers bogs and fen habitats, but is also found in very wet meadows. SEZs along the proposed trail ROW with this type of habitat are located at a considerable distance from the trail. This species within the project area.
<i>Meesia uliginosa</i>	S	N		X	This moss prefers bogs and fen habitats, but is also found in very wet meadows. There are no areas with appropriate hydrologic conditions necessary to support this species within the project area.
<i>Peltigera hydrothyria</i>	S	N		X	This species is found in cold unpolluted streams in mixed conifer forests. There are no functional streams along the proposed trail with the exception of the Upper Truckee River.
<i>Rorippa subumbellata</i>	C, S, SI, 1B	N		X	This species is an endemic to the shores of Lake Tahoe and is usually found in moist backshore beach areas, but has also been observed in dry micro-sites. There is no beach habitat found in the project area.

KEY:

- LTBMU List revised June 2005
 - The LTBMU does not currently support any plant species listed as threatened or endangered by USFWS under ESA.
- C = USFWS candidate species for listing as threatened or endangered under ESA
S = USFS LTBMU Sensitive Species, Regional Forester's Sensitive Species List
SI = TRPA Special Interest Species, Regional Plan for the LTBMU: Goals and Policies (1986) and Code of Ordinances (1987)
E = USFWS Endangered Species
1B = CNPS Rare, Threatened or Endangered

Table 2. LTBMU Species of Interest

Species	Status	Known occ. in project	Potential habitat	No habitat	Habitat unsuitable based on following:
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<i>Arabis rectissima</i> var. <i>simulans</i>	LSI		X		
<i>Helodium blandowii</i>	LSI*			X	This species occurs in fens and bogs. This type of habitat does not occur in the project area.
<i>Lewisia kelloggii</i> ssp. <i>hutchisonii</i>	LSI*		X		
<i>Meesia longiseta</i>	LSI		X		
<i>Myurella julacea</i>	LSI			X	This plant occurs on shaded, damp limestone outcrops in crevices and cracks. This type of habitat does not occur along the proposed trail.
<i>Orthotrichum praemorsum</i>	LSI				
<i>Orthotrichum shevockii</i>	LSI			X	This plant occurs in Joshua tree woodlands and pinyon woodlands, which do not occur along the proposed trail.
<i>Orthotrichum spjutii</i>	LSI		X		
<i>Pohlia tundrae</i>	LSI			X	Tundra pohlia moss occurs at higher elevations than found along the proposed trail.
<i>Sphagnum</i> spp.	LSI			X	These bryophytes occur on wet soils, humus or rock, which did not occur along the proposed trail.

^aStatus explanations

- List revised June 2005
 - No species in LTBMU are currently listed as “Endangered” by USFWS under ESA.
- LSI = LTBMU Species of Interest
LSI*=LTBMU Species of Interest that will probably be added to sensitive plant list during next list revision

3.2 Field Surveys

Surveys took place in late July and early August 2005 and included approximately 9 miles along properties owned primarily by the CTC and by other public agencies. The surveys began at the intersection Most of the route followed existing trails. GPS way points were taken for noxious weed locations and for SEZ #4. Plant species were identified, documented and compiled into a species list (Appendix A).

4.0 FIELD SURVEY RESULTS

4.1 SEZs.

Fourteen SEZs were located along the proposed alignment or adjacent to it. All SEZs were mapped on aerial maps and submitted to Design Workshop. The SEZs were located as follows:

1. This is located on the east side of Pioneer Trail between Pioneer Trail and Atroaria, off of Mandan. This is a small swale with wetland vegetation. The exact location of the proposed alignment in this area is unclear but this site should be avoided.
2. This large system is located on the west side of the Forest Service dump site and is down slope from the existing road and trail and probably includes jurisdictional wetlands. The existing road and trail does not cross this system.
3. SEZ #3 occurs down slope and to the east of the existing trail system. The trail does not cross this SEZ.
4. This is a small seep with wetland vegetation, on the west side of the existing trail (11S 0241719, UTM 4308185).
5. This is a small drainage to the west of Pioneer near the Forest Service gate. The proposed bike path could avoid this site.
6. SEZ #5 begins about 1,000 feet to the west of the Forest Service with scattered willows and lodgepole pines along the existing trail. The trail crosses the SEZ since SEZ species occur on both sides of the trail. The SEZ in this area does not have the hydrology to support most of the bryophytes of LTBMU concern. Farther to the west along the trail, a large SEZ system, which eventually crosses the STPUD, occurs to the south and west side of the existing trail. A wider bike path would need to hug the north and east side of the existing trail.
7. SEZ #7 begins north of the Upper Truckee River bridge that crosses Highway 50 north of Elks Club. A new bike path could avoid this SEZ if located on the east side of the system. This SEZ does not have the hydrology to support most of the bryophytes of LTBMU concern.
8. This system occurs to the west of the airport parking lot. The current proposed bike path is located to the east of this system.
9. SEZ #9 occurs to the west of the airport and was accessed via Kyburz Avenue. This system most likely included jurisdictional wetlands and was the wettest system encountered adjacent to the proposed bike path.
10. SEZ #10 occurs to the west and north of the airport and was accessed via Melba Drive. The existing trail crosses the SEZ. No standing water was located in this area. A small stand of upland vegetation separates this SEZ from SEZ #11.
11. SEZ #11 occurs just north of SEZ #10.
12. This system occurs on private land and was not surveyed. The proposed bike path crosses this property, which is entirely SEZ until it crosses the bridge over the Upper Truckee River.
13. SEZ #13 occurs in the Bijou meadow and continues behind the old drive-in movie theatre. The existing trail and proposed bike path crosses this SEZ.
14. SEZ #14 is occurs to the south and east of Tamarack Avenue. The existing trail is for the most part in an upland plant community.

4.2 Sensitive Species

No sensitive species were located within the survey corridors.

4.3 Noxious Weeds

Noxious weeds were located in two places along the survey corridor.

1. A stand of Klamath weed (*Hypericum perforatum*) was located near the north and west side of the airport, at the airport exit (11S 0240041, UTM 4309192).

2. Tall whitetop (*Lepidium latifolium*) was located off Tamarack Avenue in SEZ # 14. This stand encompasses about 100 sq. ft. in the middle of the SEZ.

REFERENCES

- Cronquist, Arthur., Holmgren, Arthur H., Holmgren, Noel H., Reveal, James L., Holmgren, Patricia K.. 1989. Intermountain Flora, Vascular Plants of the Intermountain West, U.S.A. New York Botanical Garden, Bronx, New York.
- Environmental Laboratory, U. S. Army Corps of Engineers. 1987. Technical Report Y-87-1, Corps of Engineers Wetlands Delineation Manual.
- Hickman, James C., Editor. 1993. The Jepson Manual of Higher Plants of California. University of California Press. Berkeley and Los Angeles, CA.
- Kartesz, John Thomas. 1987. A Flora of Nevada. PhD Dissertation, University of Nevada, Reno.
- Mozingo, Hugh N. And Margaret Williams. 1980. Threatened and Endangered Plants of Nevada. U.S. Department of the Interior Fish and Wildlife Service and U.S. Department of the Interior Bureau of Land Management.
- Munz, Philip A. 1968. A California Flora. University of California Press. Berkeley and Los Angeles, California.
- Parsons. April 19, 2002. STPUD B - Line Phase III Pipeline Replacement Project Draft EIR/EIS
- Tahoe Regional Planning Agency (TRPA). 1977a . Lake Tahoe Water Quality Management Plan. Volume III. Assessment of Water Quality and Environmental Impacts.
- Tahoe Regional Planning Agency (TRPA). 1988 . Water Quality Management Plan for the Lake Tahoe Region. Volume III. SEZ Protection and Restoration Program.

APPENDIX 1

Project Area Species List

Botanical Name	Common Name	Plant Community
<i>Abies concolor</i>	White fir	MCF, SEZ
<i>Achillea millefolium</i>	Yarrow	ALL
<i>Achnatherum occidentale</i> ssp. <i>californicum</i>	Needlegrass	MCF
<i>Achnatherum lettermanii</i>	Letterman's needlegrass	MCF, MDW
<i>Aconitum columbianum</i>	Columbia monkshood	SEZ, MDW
<i>Agoseris glauca</i>	Mountain dandelion	MCF
<i>Agrostis scabra</i>	Tickelgrass	SEZ, MDW
<i>Agrostis stolonifera</i>	Creeping bentgrass	SEZ, MDW
<i>Allium validum</i> .	Swamp onion	MDW
<i>Allophylum gilioides</i>	False blue gilia	ALL
<i>Alnus incana</i> ssp. <i>Tenuifolia</i>	Mountain alder	SEZ
<i>Amelanchier utahensis</i>	Utah serviceberry	MCF
<i>Anaphalis margaritacea</i>	Pearly everlasting	
<i>Angelica breweri</i>	Angelica	MCF
<i>Apocynum androsaemifolium</i>	Spreading dogbane	MCF, SEZ
<i>Arabis holboellii</i>	Holboel's rockcress	MCF
<i>Arctostaphylos patula</i>	Greenleaf manzanita	MCF
<i>Arnica chamissonis</i> ssp. <i>foliosa</i>	Meadow arnica	MDW, SEZ
<i>Artemisia tridentata</i> ssp. <i>vaseyana</i>	Mountain sagebrush	MCF
<i>Aster integrifolius</i> .	Wavy-leaved aster	MCF, SEZ, MDW
<i>Aster occidentalis</i>	Western aster	SEZ, MDW
<i>Astragalus cicer</i>	Cicer milkvetch	MCF, SEZ
<i>Balsamorhiza sagittata</i>	Arrow-leaf balsamroot	MCF
<i>Bromus carinatus</i>	California brome	MCF
<i>Bromus inermis</i>	Smooth brome	MCF, SEZ
<i>Bromus tectorum</i>	Cheatgrass	ALL
<i>Calocedrus decurrens</i>	Incense cedar	MCF
<i>Calyptridium umbellatum</i>	Pussy paws	MCF
<i>Carex aquatilis</i>		SEZ
<i>Carex athrostachya</i>	Slender beak sedge	SEZ, MDW
<i>Carex douglasii</i>	Douglas sedge	SEZ, MDW
<i>Carex exerata</i>	Short hair sedge	MDW
<i>Carex nebrascensis</i>	Nebraska sedge	SEZ
<i>Carex praegracilis</i>	Slender sedge	SEZ, MDW
<i>Carex spp.</i>	Sedge	MCF
<i>Carex subfusca</i>	Rusty sedge	SEZ, MDW
<i>Carex utriculata</i>	Beaked sedge	SEZ, MDW
<i>Castilleja applegatei</i>	Applegate's paintbrush	MCF, SEZ
<i>Ceanothus cordulatus</i>	White thorn	MDF
<i>Ceanothus prostratus</i>	Squaw carpet	MCF
<i>Ceanothus velutinus</i>	Tobacco brush	MCF
<i>Chaenactis douglasii</i>	Douglas pincushion	MCF
<i>Chamomilla suaveolens</i>	Chamomile	SEZ
<i>Chenopodium album</i>	Lamb's quarters	SEZ, MDW
<i>Cicorium intybus</i>	Chickory	
<i>Chrysothamnus nauseosus</i>	Rubber rabbitbrush	MCF
<i>Cirsium andersonii</i>	Anderson's thistle	MCF
<i>Claytonia perfoliata</i>	Miner's lettuce	MCF
<i>Collinsia parviflora</i>	Blue-eyed Marys	ALL

Species List (continued)

<i>Collomia grandiflora</i>	Large-flower collomia	MCF, SEZ
<i>Comandra umbellata</i> ssp. <i>Californica</i>	Bastard toad flax	MCF
<i>Crepis acuminata</i>	Hawksbeard	MCF
<i>Cryptantha intermedia</i>	Common cryptantha	MCF
<i>Cynoglossum</i> sp.	Houndstongue	MCF, MDW
<i>Dactylus glomerata</i>	Orchard Grass	MCF, SEZ
<i>Deschampsia cespitosa</i>	Hairgrass	MDW
<i>Descurainia pinnata</i>	Tansy mustard	MCF, MDW
<i>Elymus elymoides</i>	Squirreltail grass	MCF
<i>Elymus glaucus</i>	Blue wildrye	SEZ
<i>Elytrigia intermedia</i>	Pubescent wheatgrass	MCF, SEZ
<i>Elytrigia trachycaulus</i>	Slender wheatgrass	SEZ, MDW
<i>Epilobium angustifolium</i> ssp. <i>circumvagum</i>	Fireweed	SEZ, MCF
<i>Epilobium brachycarpum</i>	Willowherb	ALL
<i>Epilobium ciliatum</i>	Ciliate willowherb	SEZ, MDW
<i>Equisetum arvense</i>	Common horsetail	SEZ, MDW
<i>Erigeron breweri</i>	Brewer's aster	MCF
<i>Erigeron peregrinus</i>	Wandering daisy	MCF
<i>Eriogonum nudum</i> var. <i>nudum</i>	Naked buckwheat	MCF
<i>Eriogonum umbellatum</i> var. <i>furcosum</i>	Sulfur buckwheat	MCF
<i>Festuca rubra</i>	Red Fescue	MDW, SEZ
<i>Festuca trachyphylla</i>	Hard fescue	MCF, SEZ
<i>Fragaria virginiana</i>	Wild strawberry	SEZ, MCF
<i>Galium trifidum</i>	Bedstraw	MCF
<i>Gayophytum diffusum</i>	Diffuse gayophytum	ALL
<i>Geum macrophyllum</i>	Large leaf avens	SEZ, MDW
<i>Gilia capillaries</i>	Smooth leaf gilia	MCF, SEZ
<i>Gnaphalium palustre</i>	Marsh everlasting	SEZ, MDW
<i>Grindelia squarrosa</i>	Gumweed	MCF
<i>Hieracium albiflorum</i>	White flower hawkweed	MCF
<i>Hordeum brachyantherum</i>	Meadow barley	MDW, SEZ
<i>Hordeum jubatum</i>	Foxtail barley	MDW
<i>Horkelia fusca</i>	Dusky horkelia	MCF
<i>Hypericum perforatum</i> *	Klamath weed	SEZ, MCF
<i>Ipomopsis aggregata</i>	Scarlet gilia	MDC
<i>Juncus balticus</i>	Baltic rush	SEZ, MDW
<i>Juncus ensifolius</i>	Iris-leaf rush	SEZ, MDW
<i>Juncus nevadensis</i>	Nevada rush	SEZ, MDW
<i>Kelloggia galioides</i>	Kelloggia	MCF
<i>Lactuca serriola</i>		DIST
<i>Lepidium densiflorum</i>	Dense-flower peppergrass	MCF
<i>Lepidium latifolium</i> *	Tall white top	SEZ
<i>Lepidium perfoliatum</i>	Perfoliate-leaf peppergrass	MCF
<i>Lingusticum grayii</i>	Osha	MCF, SEZ
<i>Linum lewisii</i>	Lewis' blue flax	MCF
<i>Lonicera conjugalis</i>	??	MDW, SEZ
<i>Lotus corniculatus</i>	Birdsfoot trefoil	SEZ, MCF
<i>Lotus nevadensis</i> var. <i>nevadensis</i>	Sierra Nevada lotus	MCF
<i>Lotus purshianus</i>	Spanish clover	SEZ, MDW

<i>Lupinus andersonii</i>	Anderson's lupine	MCF, SEZ
<i>Lupinus breweri</i>	Brewer's lupine	MCF
<i>Lupinus grayii</i>	Gray's lupine	MCF
<i>Lupinus lepidus</i> var. <i>confertus</i>	Dwarf lupine	ALL
<i>Machaeranthera canescens</i>	Hoary aster	MCF
<i>Luzula spicata</i>	Spike woods rush	MCF
<i>Madia glomerata</i>	Tarweed	ALL
<i>Melilotus alba</i>	White sweet clover	ALL
<i>Mimulus guttatus</i>	Yellow monkeyflower	SEZ
<i>Mimulus primuloides</i>	Primrose monkeyflower	SEZ, MDW
<i>Monardella odoratissima</i>	Coyote mint	MCF
<i>Montia perfoliata</i>	Miner's lettuce	MCF, SEZ
<i>Muhlenbergia richardsonis</i>	Mat muhly	SEZ, MDW
<i>Navarretia intertexta</i> ssp. <i>propinqua</i>	Navarretia	SEZ, MDW
<i>Osmorhiza chilensis</i>	Mountain sweet cicely	MCF
<i>Pedicularis semibarbata</i>	Pine lousewort	MCF
<i>Penstemon rydbergii</i>	Whorled penstemon	SEZ, MDW
<i>Penstemon speciosus</i>	Royal beardtongue	MCF
<i>Penstemon strictus</i>	Rocky Mtn. penstemon	MCF
<i>Paeonia brownii</i>	Browns peony	MCF
<i>Perideridia bolanderi</i>	Bolander's yampah	MDW, SEZ
<i>Phacelia hastate</i>	Silver leaf phacelia	MCF
<i>Phleum pretense</i>	Timothy	MDW, SEZ
<i>Phlox diffusa</i>	Spreading phlox	MCF
<i>Phlox gracilis</i>	False phlox	MCF
<i>Pinus contorta</i> ssp. <i>murrayana</i>	Lodgepole pine	ALL
<i>Pinus jeffreyi</i>	Jeffrey pine	MCF
<i>Pinus ponderosa</i>	Ponderosa pine	MCF
<i>Plantago lanceolata</i>	English plantain	SEZ, MDW
<i>Plantago major</i>	Common plantain	SEZ, MDW
<i>Poa ampla</i>	Alpine bluegrass	SEZ
<i>Poa bulbosa</i>	Bulbous bluegrass	ALL
<i>Poa pratensis</i>	Kentucky bluegrass	SEZ, MDW
<i>Poa palutstris</i>	Fowl bluegrass	SEZ
<i>Populus tremuloides</i>	Quaking aspen	All
<i>Potentilla glandulosa</i>	Sticky cinquefoil	SEZ, MDW
<i>Potentilla gracilis</i>	Slender cinquefoil	SEZ, MDW
<i>Pteridium aquilinum</i>	Braken fern	MCF
<i>Pterospora andromedea</i>	Pine drops	MCF
<i>Purshia tridentate</i>	Bitterbrush	MCF
<i>Pyrola picta</i>	White-veined wintergreen	MCF
<i>Ranunculus occidentalis</i>	Western buttercup	MCF
<i>Ribes cereum</i>	White squaw currant	MCF
<i>Ribes</i> sp.	Currant	MCF
<i>Rorippa curvisiliqua</i>	Curve pod yellowcress	SEZ, MDW
<i>Rosa woodsii</i>	Woods rose	SEZ, MDW
<i>Rumex acetosella</i>	Sheep sorrel	SEZ, MDW
<i>Rumex crispus</i>	Curly-leaf dock	SEZ, MDW
<i>Salix geyeriana</i>	Geyer's willow	SEZ, MDW
<i>Salix lemmonii</i>	Lemmon willow	SEZ, MDW
<i>Salix lucida</i> ssp. <i>lasiandra</i>	Shining willow	SEZ

Species List (continued)

<i>Salix scouleriana</i>	Scouler's willow	ALL
<i>Senecio integerrimus</i>	Butterweed	MCF
<i>Sidalcea oregana</i> ssp. <i>spicata</i>	Meadow sidalcea	SEZ, MDW
<i>Smilacina stellata</i>	Starry solomon's seal	SEZ, MDW
<i>Solidago canadensis</i>	Canada goldenrod	MCF
<i>Sphenosciadium capitellatum</i>	Ranger's buttons	SEZ, MDW
<i>Stephanomeria virgata</i>	Skeletonweed	MCF
<i>Symphoricarpos mollis</i>	Creeping snowberry	MCF
<i>Taraxacum officinale</i>	Dandelion	MDW
<i>Thalictrum fendleri</i>	Fendler meadow rue	MCF, SEZ
<i>Tragapogon dubius</i>	Goat's beard	ALL
<i>Trifolium longipes</i>	Long-leaf clover	SEZ, MDW
<i>Trifolium microcephalum</i>	Maiden clover	SEZ
<i>Trifolium pratense</i>	Red clover	MDW
<i>Urtica dioica</i>	Stinging nettle	MDW, DIST
<i>Valeriana californica</i>	Valerian	SEZ, MCF
<i>Veratrum californicum</i>	Corn lily	SEZ, MDW
<i>Verbascum thapsis</i>	Mullein	ALL
<i>Vicia Americana</i>	Vetch	MDW, SEZ
<i>Wyethia mollis</i>	Mule's ears	MCF

Key:

- * State listed Noxious Weeds
- MCF = Mixed Conifer Forest
- SEZ = Stream Environment Zone
- MDW = Meadow
- DIST = Disturbed