

**Table C-1. Federal and State Status, Forest Service, and Global Distribution of the TEPCS Plant Species for the Boise National Forest**

Species Name	Common Name	Global Rank <sup>1</sup>	State Rank <sup>2</sup>	Forest Service Status <sup>3</sup>		Global Distrib. <sup>4</sup>
				Current	Proposed	
<i>Botrychium lineare</i>	slender moonwort	C – G1	SH	Candidate for federal listing		sd
<i>Lepidium papilliferum</i>	slickspot peppergrass	C – G2	S2	Candidate for federal listing		le
<i>Silene spaldingii</i>	Spalding's silene	T - G2	S1	Fed. listed		re
<i>Spiranthes diluvialis</i>	Ute ladies'-tresses	T - G2	S1	Fed. listed		sd
				Current	Proposed	
<i>Allium tolmiei</i> var. <i>persimile</i>	Tolmie's onion	G4/T3	S3	S	S	le
<i>Allium madidum</i>	swamp onion	G3	S3	W	W	re
<i>Allium validum</i>	tall swamp onion	G4	S3	W	W	re
<i>Allotropa virgata</i>	candystick	G4	S3	W	W	d
<i>Astragalus atratus</i> var. <i>inceptus</i>	mourning milkvetch	G4/T3	S3	N	W	le
<i>Botrychium simplex</i>	least moonwort/grapefern	G5	S2	N	S	w
<i>Bryum calobryoides</i>	Bryum moss	G3	SH	S	S	w
<i>Carex aboriginum</i>	Indian Valley Sedge	G1	S1	N	W	le
<i>Carex bubaumii</i>	Buxbaum's sedge	G5	S3	W	W	w
<i>Carex livida</i>	pale sedge	G5	S2	W	S	cb
<i>Carex stramineiformis</i>	Mt. Shasta sedge	G4	S2	W	S	d
<i>Cicuta bulbifera</i>	bulb-bearing water hemlock	G5	S2	W	S	d
<i>Cypripedium fasciculatum</i>	clustered lady's-slipper	G4	S3	N	W	d
<i>Douglasia idahoensis</i>	Idaho douglasia	G2	S2	S	S	re
<i>Drosera intermedia</i>	spoon-leaved sundew	G5	S1	W	S	d
<i>Epipactis gigantea</i>	giant helleborine orchid	G3	S3	W	S	sd
<i>Haplopappus insecticruris</i>	bugleg goldenweed	G3	S3	S	S	le
<i>Helodium blandowii</i>	Blandow's helodium	G5	S1	W	S	cb
<i>Lewisia kelloggii</i>	Kellogg's bitterroot	G4	S2	W	S	re
<i>Mimulus clivicola</i>	bank monkeyflower	G4	S3	W	W	re
<i>Phacelia minutissima</i>	least phacelia	G3	S2	S	S	re
<i>Rhynchospora alba</i>	white beakbrush	G5	S2	W	S	cb
<i>Sanicula graveolens</i>	Sierra sanicle	G4	S1	N	W	w
<i>Scheuchzeria palustris</i>	pod grass	G5	S2	W	S	w
<i>Sedum borschii</i>	Borch's stonecrop	G3	S2	W	S	sd
<i>Sphaeromeria potentilloides</i>	cinquefoil tansy	G5	S1	N	W	le
<i>Stylocline filaginea</i>	stylocline	G4	S2	W	S	re

<sup>1</sup>**Global** - Global ranking as assigned by Natural Heritage Program and Idaho Native Plant Society. **T** = Threatened, **C** = Candidate.

<sup>2</sup>**State** - Idaho State ranking, Idaho Native Plant Society Rare Species list 2000.

<sup>3</sup>**Forest Service Status** - **S** = Region 4 Sensitive, **W** = Forest Watch plants, **N** = No current status.

<sup>4</sup>**Global Distribution** - **d** = disjunct, **le** = local endemic (< 100 square miles), **re** = regional endemic (distribution 100-10,000), **sd** = sparsely distributed (isolated populations), **p** = peripheral, **w** = widespread, **cb** = circumboreal, circumpolar.

**Table C-2. Habit, Lifeform, Population Trend, and Habitat Grouping of the TEPCS Plant Species for the Boise National Forest**

Species Name	Common Name	Habit	Lifeform	Trend <sup>1</sup>	Habitat Group
<i>Botrychium lineare</i>	Slender moonwort	Perennial	Fern	U	Forest understory, meadow
<i>Lepidium papilliferum</i>	slickspot peppergrass	Perennial	Herb	D	Shrubland – slick clay playas
<i>Silene spaldingii</i>	Spalding's silene	Perennial	Herb	D	Grassland, low elevation
<i>Spiranthes diluvialis</i>	Ute ladies'-tresses	Perennial	Herb	U	Aquatic/riparian
<i>Allium tolmiei</i> var. <i>persimile</i>	Tolmie's onion	Perennial	Herb	S	Grassland, low elevation
<i>Allium madidum</i>	swamp onion	Perennial	Herb	S	Riparian -vernally wet
<i>Allium validum</i>	tall swamp onion	Perennial	Herb	S	Riparian – meadows, wet
<i>Astragalus atratus</i> var. <i>inceptus</i>	mourning milkvetch	Perennial	Herb	D	Shrublands
<i>Botrychium simplex</i>	least moonwort/ grapefern	Perennial	Fern	S	Grassland, high elevation
<i>Bryum calobryoides</i>	Bryum moss	N/A	Moss	D	Riparian, forest
<i>Carex aboriginum</i>	Indian Valley Sedge	Perennial	Sedge	U	Riparian – vernally wet
<i>Carex bubaumii</i>	Buxbaum's sedge	Perennial	Sedge	S	Riparian - meadows
<i>Carex livida</i>	pale sedge	Perennial	Sedge	S	Riparian – bog, fen
<i>Carex stramineiformis</i>	Mt. Shasta sedge	Perennial	Sedge	S	Alpine
<i>Cicuta bulbifera</i>	bulb-bearing water hemlock	Perennial	Herb	S	Riparian - streamside
<i>Cypripedium fasciculatum</i>	clustered lady's-slipper	Perennial	Herb	U	Forest - understory
<i>Douglasia idahoensis</i>	Idaho douglasia	Perennial	Herb	S	Subalpine, open
<i>Drosera intermedia</i>	spoonleaved sundew	Perennial	Herb	S	Riparian - bog fen
<i>Epipactis gigantea</i>	giant hellaborine orchid	Perennial	Herb	D	Riparian - streamside
<i>Haplopappus insecticruris</i>	bugleg goldenweed	Perennial	Herb	S	Shrubland
<i>Helodium blandowii</i>	Blandow's helodium	N/A	Moss	S	Riparian, forest
<i>Lewisia kelloggii</i>	Kellogg's bitterroot	Perennial	Herb	S	Rock - outcrops
<i>Mimulus clivicola</i>	bank monkeyflower	Annual	Herb	S	Forest – gap species
<i>Phacelia minutissima</i>	least phacelia	Annual	Herb	D	Shrubland, riparian
<i>Rhynchospora alba</i>	white beakbrush	Perennial	Rush	D	Riparian, bog, fen
<i>Sanicula graveolens</i>	Sierra sanicle	Perennial	Herb	U	Rock outcrops
<i>Scheuchzeria palustris</i>	pod grass	Perennial	Herb	S	Riparian, bog, fen
<i>Sphaeromeria potentilloides</i>	cinquefoil tansy	Perennial	Herb	U	Riparian – alkaline meadows
<i>Sedum borschii</i>	Borch's stonecrop	Perennial	Herb	U	Rock talus/scree
<i>Stylocline filaginea</i>	stylocline	Annual	Herb	U	Grassland, low elevation

<sup>1</sup>**Trend - D** = declining on National Forest lands, **S** = stable on National Forest Lands, **I** = increasing on National Forest lands, and **U** = unknown at this time.

**Table C-3. Rare Communities, Federal and State Status, Rarity Class, Threats, Trends, and Research Natural Area Distribution for the Boise National Forest**

Community Name	Global <sup>1</sup>	State <sup>2</sup>	Rarity Class <sup>3</sup>	Threats <sup>4</sup>	Trend <sup>5</sup>	Research Natural Area Distribution
<i>Abies lasiocarpa/Caltha biflora</i>	G3	S3	I	Unknown	U	Back Creek, Chilcoot Peak
<i>Artemisia arbuscula ssp. thermopola/Festuca idahoensis</i>	G2Q	SQS2	B	DV, GZ, MN, RD	D	
<i>Artemisia tridentata wyomingensis/Stipa comata</i>	G2	S2	M	AG, GZ, EX, FS	D	
<i>Betula occidentalis/Mesic Forb</i>	G3	S3	M	GZ, RD	D	
<i>Cercocarpus ledifolius/Symphoricarpos oreophilus</i>	G2	S2	B	GZ, FI	U	
<i>Pinus contorta/Festuca idahoensis</i>	G3	S2	M	RD, LO	U	Back Creek
<i>Pinus flexilis/Purshia tridentata</i>	G1	S2	I	EX, RC	S	
<i>Pinus ponderosa/Purshia tridentata</i>	G3G5	S3	M	Unknown	S	Bannock Creek, Monumental Creek
<i>Pinus ponderosa/Stipa occidentalis</i>	G4	S1	M	Unknown	S	Raspberry Gulch
<i>Pinus ponderosa/Symphoricarpos oreophilus</i>	G3	S1	I	FX	D	Bannock Creek, Raspberry Gulch;
<i>Purshia tridentata/Agropyron spicatum</i>	G3	S1	B	FX	U	Monumental Creek, Raspberry Gulch, Roaring River
<i>Salix geyeriana/Mesic Forb</i>	G3	S2	M	GZ	U	

<sup>1</sup>**Global** - Global ranking as assigned by Natural Heritage Program and Idaho Native Plant Society.

<sup>2</sup>**State** - Idaho State ranking, Idaho Native Plant Society Rare Species list 2000.

<sup>3</sup>**Rarity Class** - **I** = intrinsically rare, **M** = managed rare, **B** = both, intrinsically rare communities that are also affected by management.

<sup>4</sup>**Threats** - **AG** = agriculture, **DV** = development, **EX** = exotic plant species, **FI** = fire increased frequency, **FS** = Fire, stand replacing, **FX** = fire exclusion, **GZ** = livestock grazing, **LO** = logging, **MN** = mining, **RC** = recreation, **RD** = road construction.

<sup>5</sup>**Trend** - **D** = declining on National Forest System lands, **S** = stable on National Forest System lands, **I** = increasing on National Forest lands, and **U** = unknown at this time.

Table C-4. Plant Species of Cultural Importance for the Boise National Forest

Scientific Name	Common Name
<i>Abies</i> spp. Mill.	fir
<i>Achillea millefolium</i> L.	yarrow
<i>Alectoria</i> spp. Ach.	pine moss
<i>Allium accuminatum</i> Hook.	wild onion
<i>Allium geyeri</i> Wats.	wild onion
<i>Allium</i> spp. L.	wild onions
<i>Alnus incana</i> (L.) Moench	alder
<i>Alnus sinuata</i> (Regel) Rydb.	alder
<i>Amalanchier alnifolia</i> Nutt.	serviceberry
<i>Apocynum cannabinum</i> L.	dogbane
<i>Arcostaphylos nevadensis</i> Gray	manzanita
<i>Arcostaphylos uva-ursi</i> (L.) Spreng.	kinnikinnick
<i>Artemisia ludoviciana</i> Nutt.	prairie sage
<i>Artemisia tridentata</i> Nutt.	sagebrush
<i>Asclepias</i> spp. L.	milkweed
<i>Atriplex confertifolia</i> (Torr. & Frem.) Wats.	shadscale
<i>Balsamorhiza hookeri</i> Nutt.	Hooker's balsamroot
<i>Balsamorhiza sagittata</i> (Pursh) Nutt.	arrow-leaf balsamroot
<i>Berberis repens</i> Lindl.	Oregon grape
<i>Brodiaea douglassii</i> Wats.	brodiaea
<i>Bryoria fremontii</i> (Tuck) Brodo & Hawksw.	tree lichen
<i>Calocortus macrocarpus</i> Dougl.	mariposa lily
<i>Calocortus nutalli</i> T. & G.	sego lily
<i>Calocotus</i> spp. Pursh	lilies
<i>Camassia quamash</i> (Pursh) Greene	camas
<i>Chenopodium</i> spp. L.	goosefoot, pigweed
<i>Celtis leavigata</i> var. <i>reticulata</i> Torr.	hackberry
<i>Cercocarpus</i> spp. H.B.K.	mountain mahogany
<i>Claytonia lanceolata</i> Pursh	spring beauty
<i>Cornus stolonifera</i> Michx.	red-osier dogwood
<i>Chemophila umbellata</i> (L.) Bart.	pipsissewa
<i>Chrysothamnus nauseosus</i> (Pall.) Britt.	rubber rabbit-brush
<i>Cirsium scariosum</i> Nutt.	elk thistle
<i>Cirsium</i> spp. Mill.	thistle
<i>Crataegus douglasii</i> Lindl.	black hawthorn
<i>Delphinium</i> spp. L.	larkspur
<i>Descurania</i> spp. Webb & Berth.	fansy mustard
<i>Dicenta uniflora</i> Kell.	steer's head
<i>Elymus cinerius</i> Scribn. & Merr.	giant wild rye
<i>Erythronium grandiflorum</i> Pursh	glacier lily
<i>Evernia vulpina</i> (L.) Ach.	pine moss

**Table C-4. Plant Species of Cultural Importance for the Boise National Forest  
(continued)**

Scientific Name	Common Name
<i>Fragaria vesca</i> L.	strawberry
<i>Fragaria virginiana</i> Duchesne	strawberry
<i>Fritillaria pudica</i> (Pursh) Spreng.	yellow bell
<i>Helianthus annuus</i> L.	sunflower
<i>Heracleum lanatum</i> Michx.	cow parsnip
<i>Huechera cylindrica</i> Dougl.	alumroot
<i>Iris missouriensis</i> Nutt.	wild iris
<i>Larix occidentalis</i> Nutt.	western larch
<i>Ledum glandulosum</i> Nutt.	Labrador tea
<i>Lewisia redivia</i> Pursh	bitterroot
<i>Ligusticum canbyi</i> Coult. & Rose	lovage
<i>Lomatium cous</i> (Wats.) Coult. & Rose	biscuitroot
<i>Lomatium canbyi</i> Coult. & Rose	biscuitroot
<i>Lomatium dissectum</i> (Nutt.) Math. & Const.	fern-leaf desert parsley
<i>Lomatium grayi</i> Coult. & Rose	Gray's desert parsley
<i>Lomatium macrocarpum</i> (Nutt.) Coult. & Rose	large-fruited biscuitroot
<i>Lomatium nudicaule</i> (Pursh) Coult. & Rose	bare-stem desert parsley
<i>Lomatium salmoniflorum</i> (Coult. & Rose) Math. & Const.	salmon-flower desert parsley
<i>Lomatium</i> spp. Raf.	desert parsley, biscuitroot
<i>Lygodesmia juncea</i> (Pursh) D. Don	rush skeletonweed
<i>Matricaria matricarioides</i> (Less.) Porter	pineapple weed
<i>Mentha arvensis</i> L.	Canada mint
<i>Mentzelia albicaulis</i> Dougl.	blazing star
<i>Mimulus guttatus</i> DC.	yellow monkey-flower
Mushrooms	a variety of edible mushrooms
<i>Nicotiana attenuata</i> Torr.	wild tobacco
<i>Nuphar variegatum</i> Englem.	yellow pond lily
<i>Orobanche uniflora</i> L var. <i>purpurea</i> (Heller) Achey	broomrape
<i>Oryzopsis hymenoides</i> (R. & S.) Ricker	Indian rice grass
<i>Opuntia</i> spp. Mill.	prickly pear cactus
<i>Penstemon wilcoxii</i> Rydb.	Wilcox's penstemon
<i>Perideridia bolanderi</i> (Gray) Nels. & Macbr.	yampah
<i>Perideridia gairdneri</i> (H. & A.) Math.	yampah
<i>Phragmites australis</i> L.	reed grass
<i>Picea</i> spp. A. Dietr.	spruce
<i>Pinus albicaulis</i> Englem.	whitebark pine

**Table C-4. Plant Species of Cultural Importance for the Boise National Forest  
(continued)**

Scientific Name	Common Name
<i>Pinus contorta</i> Dougl.	lodgepole pine
<i>Pinus ponderosa</i> Dougl.	ponderosa pine
<i>Poa sandbergii</i> Vasey	Sandberg's bluegrass
<i>Populus tremuloides</i> Michx.	quaking aspen
<i>Populus trichocarpa</i> T. & G.	cottonwood
<i>Prunus virginiana</i> L.	chokecherry
<i>Rhamnus purchiana</i> DC.	casacara
<i>Rhus glabra</i> L.	smooth sumac
<i>Ribes aureum</i> Pursh	golden currant
<i>Ribes lacustre</i> (Pers.) Poir.	swamp gooseberry
<i>Ribes viscosissimum</i> Pursh	sticky currant
<i>Rosa gynocarpa</i> Nutt.	wild rose
<i>Rosa</i> spp. L.	wild rose
<i>Rubus ideaus</i> L.	raspberry
<i>Rubus</i> spp. L.	bramble, blackberry
<i>Rumex crispus</i> L.	curly-leaved dock
<i>Salix</i> spp. L.	willow
<i>Sambucus cerulea</i> Raf.	blue elderberry
<i>Sambucus racemosa</i> L.	red elderberry
<i>Sarcobatus vermiculatus</i> (Hook.) Torr.	black greasewood
<i>Scirpus</i> spp. L.	bulrush
<i>Sheperdia canadensis</i> (L.) Nutt.	russet buffaloberry
<i>Smilacina stellata</i> (L.) Desf.	false Solomon's seal
<i>Symphoricarpos albus</i> (L.) Blake	snowberry
<i>Typha latifolia</i> L.	cattail
<i>Urtica dioica</i> L.	stinging nettle
<i>Vaccinium caespitosum</i> Michx.	dwarf huckleberry
<i>Vaccinium globure</i> Rydb.	blue huckleberry
<i>Vaccinium membranaceum</i> Dougl.	mountain bilberry
<i>Vaccinium scoparium</i> Leiberger	grouse whortleberry
<i>Valeriana edulis</i> Nutt.	tobacco root
<i>Veratrum viride</i> Ait.	false helleborine
<i>Wyethia amplexicaulis</i> Nutt.	mule's ears
<i>Zigadenus</i> spp. Michx.	death camas