

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

Species Name	Common Name	Global ¹	State ²	Forest Service Status ³		Global Distrib. ⁴
				Current	Proposed	
<i>Botrychium lineare</i>	Slender moonwort	C -G1	SH	Candidate for federal listing		sd
<i>Howellia aquatilis</i>	Water Howellia	T- G2	S1	Fed. listed		sd
<i>Mirabilis macfarlanei</i>	MacFarlane's four o'clock	T - G2	S1	Fed. listed		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 madidum</i>	swamp onion	G3	S3	S	S	re
<i>Allium tolmiei</i> var. <i>persimile</i>	Tolmie's onion	G4/T3	S3	S	S	le
<i>Allotropa virgata</i>	candystick	G4	S3	S	W	d
<i>Astragalus paysonii</i>	Payson's milkvetch	G3	S3	S	S	re
<i>Astragalus vexilliflexus</i> var. <i>vexilliflexus</i>	bent flowered milkvetch	G4/T? ⁵	S1	W	S	d
<i>Botrychium lanceolatum</i>	Lance-leaved moonwort	G5T4	S3	N	W	cb
<i>Botrychium simplex</i>	Least moonwort	G5	S2	N	S	cb
<i>Buxbaumia viridis</i>	green bug moss	G4	S2	N	S	w
<i>Calamagrostis tweedyi</i>	Cascade reedgrass	G3	S2	S	S	re
<i>Camassia cusickii</i>	Cusick camas	G4	S2	S	S	re
<i>Carex bubauinii</i>	Buxbaum's sedge	G5	S3	W	W	w
<i>Ceanothus prostratus</i> ssp. <i>prostratus</i>	Mahala-mat ceanothus	G5/T2T4	S1	W	S	d
<i>Chrysothamnus nauseosus</i> spp. <i>nanus</i>	dwarf grey rabbitbrush	G5/T4	S3	N	W	re
<i>Crepis bakeri</i> ssp. <i>idahoensis</i> .	Idaho hawksbeard	G4/T2	S2	N	S	le
<i>Douglasia idahoensis</i>	Idaho Douglasia	G2	S2	N	W	le
<i>Draba incerta</i>	Yellowstone Draba	G5	S2	N	S	re
<i>Eatonella nivea</i>	White eatonella	G4	S3	N	W	d
<i>Epipactis gigantea</i>	giant helleborine orchid	G4	S3	W	S*	sd
<i>Hackelia davisii</i>	Davis' stickseed	G3	S3	N	S	le
<i>Halimolobos perplexa</i> var. <i>perplexa</i>	puzzling halimolobos	G4/T3	S3	S	S	le
<i>Haplopappus radiatus</i>	Snake River goldenweed	G3	S3	S	S	re
<i>Helodium blandowii</i>	Blandow's helodium	G5	S2	N	S	cb
<i>Leptodactylon pungens</i> ssp. <i>hazeliae</i>	Hazel's prickly phlox	G5/T2	S3	S	S	le
<i>Lewisia kelloggii</i>	Kellogg's bitterroot	G4	S2	W	S	re
<i>Lobaria scrobiculata</i>	pored lungwort	G3/G4	S1	N	S	cb
<i>Mimulus clivicola</i>	bank Monkeyflower	G4	S3	S	W	re
<i>Peraphyllum ramosissimum</i>	squaw apple	G4	S2	W	S	sd
<i>Pilophorus acicularis</i>	Nail lichen	G4	S2	N	S	sd
<i>Ribes wolfii</i>	wolf's current	G4	S2	W	S	d

Species Name	Common Name	Global ¹	State ²	Forest Service Status ³		Global Distrib. ⁴
<i>Rubus bartonianus</i>	Bartonberry	G2	S2	S	S	le
<i>Salix glauca</i>	gray willow	G5	S2	N	S	d
<i>Sanicula graveolens</i>	Sierra sanicle	G4	S1	W	S	w
<i>Saxifraga bryophora</i> var. <i>tobiasiae</i>	Tobias' saxifrage	G5T2	S2	S	S	le
<i>Sedum borschii</i>	Borch's stonecrop	G3	S2	W	S	sd
<i>Triantha occidentalis</i> ssp. <i>brevistyla</i>	short-style tofieldia	G5/T4	S1	S	S	d

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

²**State** - Idaho State ranking, Idaho Native Plant Society Rare Species list 2000.

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

⁴**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 Payette National Forest

Species Name	Common Name	Habit	Lifeform	Trend ¹	Habitat Group
<i>Botrychium lineare</i>	slender moonwort	Perennial	Fern	U	Forest understory, meadow
<i>Howellia aquatilis</i>	water howellia	Annual	Herb	U	Aquatic – pothole ponds, oxbows
<i>Mirabilis macfarlanei</i>	MacFarlane's four-o'clock	Perennial	Herb	S	Grassland, low elevation
<i>Silene spaldingii</i>	Spalding's silene	Perennial	Herb	D	Grassland, low elev.
<i>Spiranthes diluvialis</i>	Ute ladies'-tresses	Perennial	Herb	U	Aquatic/riparian
<i>Allium madidum</i>	swamp onion	Perennial	Herb	S	Riparian - vernal wet
<i>Allium tolmiei</i> var. <i>persimile</i>	Tolmie's onion	Perennial	Herb	S	Grassland, low elevation
<i>Allotropa virgata</i>	candystick	Perennial	Herb	S	Forest - understory
<i>Astragalus paysonii</i>	Payson's milkvetch	Perennial	Herb	D	Forest – open gap
<i>Astragalus vexilliflexus</i> var. <i>vexilliflexus</i>	bent flowered milkvetch	Perennial	Herb	D	Subalpine forest
<i>Botrychium lanceolatum</i>	lance-leaved moonwort	Perennial	Fern	U	Forest - understory
<i>Botrychium simplex</i>	least moonwort	Perennial	Fern	U	Forest - understory
<i>Buxbaumia viridis</i>	green bug moss	N/A	Moss	U	Forest - understory
<i>Calamagrostis tweedyi</i>	Cascade reedgrass	Perennial	Grass	S	Forest – open gap
<i>Camassia cusickii</i>	Cusick camas	Perennial	Herb	S	Grassland, low elevation
<i>Carex bubaumii</i>	Buxbaum's sedge	Perennial	Sedge	S	Riparian - meadows
<i>Ceanothus prostratus</i> ssp. <i>prostratus</i>	Mahala-mat ceanothus	Perennial	Shrub	D	Forest – open gap
<i>Chrysothamnus nauseosus</i> spp. <i>nanus</i>	dwarf gray rabbitbrush	Perennial	Shrub	S	Rock, shrubland
<i>Crepis bakeri</i> Greene ssp. <i>idahoensis</i>	Idaho hawkbeard	Perennial	Herb	D	Grassland, low elev.
<i>Douglasia idahoensis</i>	Idaho douglasia	Perennial	Herb	S	Subalpine, open
<i>Draba incerta</i>	Yellowstone draba	Perennial	Herb	U	Subalpine, open
<i>Eatonella nivea</i>	white eatonella	Annual	Herb	U	Shrubland
<i>Epipactis gigantea</i>	giant helleborine orchid	Perennial	Herb	D	Riparian - streamside
<i>Hackelia davisii</i>	Davis' stickseed	Perennial	Herb	S	Rock - cliff
<i>Halimolobos perplexa</i> var. <i>perplexa</i>	puzzling halimolobos	Ann./Biennial	Herb	S	Grassland, forest
<i>Haplopappus radiatus</i>	Snake River goldenweed	Perennial	Herb	S	Grassland, shrubland

Table C-2. Habit, Lifeform, Population Trend, and Habitat Grouping of the TEPCS Plant Species for the Payette National Forest (continued)

Species Name	Common Name	Habit	Lifeform	Trend ¹	Habitat Group
<i>Helodium blandowii</i>	Blandow's helodium	N/A	Moss	S	Riparian, forest
<i>Leptodactylon pungens</i> ssp. <i>hazeliae</i>	Hazel's prickly phlox	Perennial	Shrub-like	S	Rock - cliffs
<i>Lewisia kelloggii</i>	Kellogg's bitterroot	Perennial	Herb	S	Rock - outcrops
<i>Lobaria scrobiculata</i>	pored lungwort	N/A	Lichen	S	Forest – understory
<i>Mimulus clivicola</i>	bank monkeyflower	Annual	Herb	S	Forest – gap species
<i>Peraphyllum ramosissimum</i>	squaw apple	Perennial	Shrub	S	Woodland, shrubland
<i>Pilophorus acicularis</i>	nail lichen	N/A	Lichen	U	Rock, talus, open
<i>Ribes wolfii</i>	wolf's currant	Perennial	Shrub	S	Forest - understory
<i>Rubus bartonianus</i>	Bartonberry	Perennial	Shrub	S	Riparian - vernal wet
<i>Salix glauca</i>	gray willow	Perennial	Shrub	U	Subalpine/riparian
<i>Sanicula graveolens</i>	Sierra sanicle	Perennial	Herb	U	Rock outcrops
<i>Saxifraga bryophora</i> var. <i>tobiasiae</i>	Tobias' saxifrage	Perennial	Herb	D	Subalpine
<i>Sedum borschii</i>	Borch's stonecrop	Perennial	Herb	U	Rock talus/scree
<i>Triantha occidentalis</i> ssp. <i>brevistyla</i>	short-style tofieldia	Perennial	Herb	U	Aquatic/riparian

¹**Trend** **D** = declining on National Forest System lands, **S** = stable on National Forest System Lands, **I** = increasing on National Forest System 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 Payette National Forest

Community	Global ¹	State ²	Rarity Class ³	Threats ⁴	Trend ⁵	Research Natural Area Distribution
<i>Abies grandis/Coptis occidentalis</i>	G2	S3	B	TH, RD, EX	S	
<i>Abies grandis/Taxus brevifolia/Clintonia uniflora</i>	G3	S3	B	TH, FS	D	Pony Creek
<i>Alnus incana/Spirea douglasii</i>	G3	S3	I	Unknown	U	
<i>Alnus rhombifolia/Betula occidentalis</i>	G1	S? ⁶	B	GZ	U	
<i>Alnus sinuata</i>	G3	S3	I	None	S	Bear Creek, Bruin Mountain, Pony Creek
<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>Camassia cusickii</i>	G3	S1	I	RD, GZ	S	
<i>Cercarpus ledifolius/Symphoricarpos oreophilus</i>	G2	S2	B	GZ, FI	U	
<i>Festuca idahoensis-Koeleria cristata</i>	G3	S2	I	Unknown	U	Lost Basin Grassland
<i>Pinus flexilis/Purshia tridentata</i>	G1	S2	I	EX, RC	S	
<i>Pinus ponderosa/Calamagrostis rubescens</i>	G2Q	S1	B	GZ, FX, TH, FS	D	
<i>Pinus ponderosa/Crataegus douglasii</i>	G1	S1	I	TH, DV, RP, GZ	D	
<i>Pinus ponderosa/Festuca idahoensis</i>	G4	S2	M	Unknown	U	Circle End Creek
<i>Pinus ponderosa/Purshia tridentata</i>	G3G5	S3	M	Unknown	S	Circle End Creek
<i>Pinus ponderosa/Symphoricarpos oreophilus</i>	G3	S1	I	FX	D	Circle End Creek
<i>Pseudotsuga menziesii/Vaccinium caespitosum</i>	G5	S2	M	Unknown	S	Phoebe Meadows
<i>Salix boothii/Carex aquatilis</i>	G3	S3	I	GZ, RP	D	
<i>Salix eastwoodiae/Carex aquatilis</i>	G2	S2	M	GZ	U	
<i>Salix exigua/Mesic Forb</i>	G2?	S?	M	GZ	U	
<i>Salix geyeriana/Mesic Forb</i>	G3	S2	M	GZ	U	

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

²**State** - Idaho State ranking, Idaho Native Plant Society Rare Species list 2000.

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

⁴**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.

⁵**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 Payette 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 levigata</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>Chimophila umbellata</i> (L.) Bart.	pipsissewa
<i>Chrysothamnus nauseosus</i> (Pall.) Britt.	rubber rabbitbrush
<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.	tansy 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
<i>Fragaria vesca</i> L.	strawberry

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

Scientific Name	Common Name
<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>Phragmaties australis</i> L.	reed grass
<i>Picea</i> spp. A. Dietr.	spruce
<i>Pinus albicaulis</i> Englem.	whitebark pine
<i>Pinus contorta</i> Dougl.	lodgepole pine
<i>Pinus ponderosa</i> Dougl.	ponderosa pine

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

Scientific Name	Common Name
<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.	casara
<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>Shepherdia canadensis</i> (L.) Nutt.	russet buffaloberry
<i>Smilacina stellata</i> (L.) Desf.	false Solomon's seal
<i>Symphoricarpos albus</i> (L.) Blake	snowberry
<i>Taxus brevifolia</i> Nutt.	western yew
<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> Leiberg	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