

# Priority Species of Sagebrush Ecosystems in the Western U. S.

U. S. Bureau of Land Management

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## Objective of this Document

The objective of this document is to provide an accurate and comprehensive list of priority species that are closely tied to sagebrush vegetation types or, in the case of aquatic species, are highly dependent on watersheds in sagebrush vegetation types in the western U. S. We consider sagebrush ecosystems to be all *Artemisia* types in the West, with the exception of coastal sage scrub and sand sage in the Great Plains. This list is formatted to facilitate review by BLM states. A list in database format that can quickly be sorted in various ways is in preparation.

## Vegetation Classification System

We will use the sagebrush types classified in the following formations of the Federal Geographic Data Committee Vegetation Standards: *microphyllus evergreen shrubland*, *temperate cold-deciduous shrubland* and *dwarf-shrubland*. The FGDC standards are for vegetation classification only and do not include a spatial component. See [www.nbs.gov/fgdc.veg/data](http://www.nbs.gov/fgdc.veg/data) standards.

## GIS Map Base

As of the date of this draft, the best GIS map base for this and related projects is still being discussed.

## Sources of Current Lists

I have assembled the following lists from BLM special status species lists from BLM state offices, priority species lists from the Interior Columbia Basin Ecosystem Management Project and the “Conservation Target” list from The Nature Conservancy’s Columbia Plateau Bioregional Plan. For birds, the Partners in Flight Western Working Group lists for sagebrush steppe and montane shrub (1998) were used. Additional sources of information include the Western Bat Working Group’s Regional Priority Matrix (1998), the GAP Analysis of Washington State (1997) and basic reference books for particular taxa. The bird list is the most complete and most thoroughly reviewed by agencies, NGO’s and academic experts.

Send any comments to Terry Rich, WO-230 (208-373-4043, [terry\\_rich@blm.gov](mailto:terry_rich@blm.gov)). [Currently 208-867-5112, [solutionsforbirdconservation@gmail.com](mailto:solutionsforbirdconservation@gmail.com)]

## Matrix Codes for Birds

ca - Conservation action needed now.

- m - Continue monitoring using current programs.
- r - Research is needed on some key aspect of species' ecology or demography.
- s - Stable in state.
- li - Local interest only.
- p - Species is peripheral in state.
- x - Species doesn't occur in state.
- e - Species has been extirpated from state.
- k - More knowledge is needed before a category can be assigned.
- ? - Further review needed by state Partners In Flight Working Group.
- > - species is peripheral in state; best to pursue conservation in other states
- st - listed as threatened by the state wildlife agency
- sc - candidate for listing as threatened or endangered by the state wildlife agency
- ar - considered by BLM to be at risk of further population declines due to human activities
- sss - listed as a special status species by BLM

### **Matrix Codes for All Other Taxa**

- CRB - priority species in the Interior Columbia Basin Ecosystem Management Project
- TNC - "Conservation Target" species in The Nature Conservancy's Columbia Plateau Bioregional Plan
- E - federal endangered
- T - federal threatened
- sss - listed as a special status species by BLM
- ss - state sensitive
- se - state endangered
- st - state threatened
- sc - candidate for listing as threatened or endangered by the state wildlife agency
- ar - considered by BLM to be at risk of further population declines due to human activities

## BIRDS - Sagebrush Steppe

SPECIES	SCIENTIFIC NAME	WA	BC	OR	CA	NV	ID	UT	WY	MT	CO	NM
Brewer's Sparrow	<i>Spizella breweri</i>	m/ar	ca	m	m	r	ca/sss	m/ca	ca/m/r	m	ca	li
Sage Thrasher	<i>Oreoscoptes montanus</i>	m/sc/ar	ca	m/sss	m	r	ca	m	m/r	li	r	ca
Sage Sparrow	<i>Amphispiza belli</i>	ca/sc/ar	x	ca/sss	m	r	ca/sss	ca	ca/m	p	p	ca
Sage Grouse - western	<i>Centrocercus urophasianus</i>	ca/st/ar	e	ca/sss	ca	ca	ca/sss	ca	ca/m/r	ca	ca/sss	e
Scaled Quail	<i>Callipepla squamata</i>	x	x	x	?	?	x	?	x	x	x	ca
Sage Grouse - Gunnison	<i>Centrocercus urophasianus</i>	x	x	x	x	x	x	ca	x	x	r/ca/sss	x
Black-throated Sparrow	<i>Amphispiza bilineata</i>	m/s/ar	x	m/sss	p	s	p	m	x	x?	p	ca
Loggerhead Shrike	<i>Lanius ludovicianus</i>	ca/sc/ar	ca	ca/sss	m	s	ca/sss	m	m	ca	m	ca
Ferruginous Hawk	<i>Buteo regalis</i>	ca/st/ar	?	ca/sss	x	m	ca/sss	ca	ca/m	m	m/p	k
Burrowing Owl	<i>Speotyto cunicularia</i>	ca/sc/ar	ca	ca/sss	p/m	ca	ca/sss	ca	ca/m	s?	x/k	ca
Gray Flycatcher	<i>Empidonax wrightii</i>	k	k	k/sss	k	k	ca/sss	ca	m	?	x	>
Lark Sparrow	<i>Chondestes grammacus</i>	ca	k	k	s	k	m	s	m	li	r	>
Vesper Sparrow	<i>Poocetes gramineus</i>	s	m	m/sss	m	s	s/m	s	m/r	?	ca	>
Western Meadowlark	<i>Sturnella neglecta</i>	m	s	m	m	s	m	s	s	?	s	>
Lark Bunting	<i>Calamospiza melanocorys</i>	x	x	x	x	x	p	x	m	ca	s	>

Grasshopper Sparrow	<i>Ammodramus savannarum</i>	m	p	m/sss	x/p	k?	m	m	m	?	m	>
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**BIRDS - Montane Shrub**

SPECIES	SCIENTIFIC NAME	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	CO
Scott's Oriole	<i>Icterus parisorum</i>	x	x	x	x	li	?	>	p	x	x	>
Virginia's Warbler	<i>Vermivora virginiae</i>	x	k	x/sss	x	?	?	li	s	x	x	r/s
Orange-crowned Warbler	<i>Vermivora celata</i>	s/m	m/k	s	?	?	?	>	x	s	s	s
Dusky Flycatcher	<i>Empidonax oberholseri</i>	>	>	>	>	>	>	m	s	>	>	ca
Gray Flycatcher	<i>Empidonax wrightii</i>	m	r	x	m	?	?	x	x	?	?	x
Black-chinned Sparrow	<i>Spizella atrogularis</i>	x	k	x	x	?	x	x	s	x	>	x
MacGillivray's Warbler	<i>Oporornis tolmiei</i>	x	m	m/sss	x	x	?	m	x	m	m	m
Black-throated Gray Warbler	<i>Dendroica nigrescens</i>	p	k	x/sss	>	?	?	li	s	x	>	>
Poor Will	<i>Phalaenoptilus nuttallii</i>	m	k	m	m	?	?	li	k	li/k	k	m
Costa's Hummingbird	<i>Calypte costae</i>	x	k	x	x	x	x	x	x	x	m	x
Calliope Hummingbird	<i>Stellula calliope</i>	x	m	>/sss	x	x	?	m/r	x	li	li/m	x
Rufous Hummingbird	<i>Selasphorus rufus</i>	m	x	s/sss	m	x	x	x	x	x	x	x
Lazuli Bunting	<i>Passerina amoena</i>	s	>	ca	s	?	?	li/m	>	li	>	>
Sharp-tailed Grouse	<i>Tympanuchus</i>	ca/sss	x/ca	ca/sss	ca/st/ar	x	ca	li/m	x	s	e	ca/sss

	<i>phasianellus</i>												
Green-tailed Towhee	<i>Pipilo chlorurus</i>	m/sss	s	m/sss	m	>	?	s	>	li	m	r	

**MAMMALS**

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	CO
pygmy rabbit	<i>Brachylagus idahoensis</i>	x	x	sss		sss	sss/se			sss		sss		
sagebrush vole	<i>Lemmyscus curtatus</i>	x	x	sss			ar							
swift fox	<i>Vulpes velox</i>							sss		sss				
kit fox	<i>Vulpes macrotis</i>	x		sss		sss								
pronghorn	<i>Antilocapra americana</i>	x												
pygmy shrew	<i>Sorex hoyi</i>									sss				
Preble's shrew	<i>Sorex preblei</i>	x	x	sss	sss					sss		sss		
rock squirrel	<i>Spermophilus variegatus</i>					sss								
white-tailed antelope squirrel	<i>Ammospermophilus leucurus</i>	x		sss										
Washington ground squirrel	<i>Spermophilus washingtoni</i>	x	x	sss			sc/sss							
Wyoming ground squirrel	<i>Spermophilus elegans</i>	x		sss					sss					
Richardson's ground squirrel	<i>Spermophilus richardsonii</i>													
Idaho ground squirrel	<i>Spermophilus brunneus</i>	x	x			sss								
cliff chipmunk	<i>Tamias dorsalis</i>									sss				

spotted bat	<i>Euderma maculatum</i>	x	x	SSS	SSS	SSS		SSS	SSS	SSS		SSS		SSS
western small-footed myotis	<i>Myotis ciliolabrum</i>	x						SSS		SSS				
long-eared myotis	<i>Myotis evotis</i>	x			SSS			SSS		SSS				
fringed myotis	<i>Myotis thysanodes</i>	x			SSS			SSS	SSS	SSS				
long-legged myotis	<i>Myotis volans</i>	x			SSS			SSS		SSS				
Yuma myotis	<i>Myotis yumanensis</i>	x			SSS			SSS						
big brown bat	<i>Eptesicus fuscus</i>									SSS				
little brown myotis	<i>Myotis lucifugus</i>									SSS				
pallid bat	<i>Antrozous pallidus</i>	x	x							SSS				
western red bat	<i>Lasiurus blossevillii</i>								SSS					
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	x	x		SSS	SSS		SSS	SSS	SSS				
big free-tailed bat	<i>Nyctinomops macrotis</i> (= <i>Tadarida m.</i> , <i>T. molossa</i> )				SSS			SSS	SSS					
northern water shrew	<i>Sorex palustris</i>	x												
Merriam's kangaroo rat	<i>Dipodomys merriami</i>								SSS					
chisel-toothed kangaroo rat	<i>Dipodomys microps</i>								SSS					
Ord's kangaroo rat	<i>Dipodomys ordii</i>			SSS										
Merriam's shrew	<i>Sorex merriami</i>		x				SC							
canyon mouse	<i>Peromyscus crinitus</i>									SSS				
pinyon mouse	<i>Peromyscus truei</i>									SSS				



## REPTILES

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	CO
Mojave black-collared lizard	<i>Crotaphytus bicinctores</i>	x	x	SSS		SSS								SSS
longnose leopard lizard	<i>Gambelia wislizenii</i>	x	x											SSS
striped whipsnake	<i>Masticophis taeniatus</i>	x	x	SSS			ar							
longnose snake	<i>Rhinocheilus lecontei</i>	x	x			SSS								SSS
ground snake	<i>Sonora semiannulata</i>	x	x	SSS		SSS								SSS
desert spiny lizard	<i>Sceloporus magister</i>													SSS
common kingsnake	<i>Lampropeltis getulus</i>			SSS										SSS
Utah milk snake	<i>Lampropeltis triangulum taylori</i>													SSS
massasauga	<i>Sistrurus catenatus</i>													SSS
midget faded rattlesnake	<i>Crotalus viridis concolor</i>													SSS
Texas horned lizard	<i>Phrynosoma cornutum</i>							SSS						SSS
common garter snake	<i>Thamnophis sirtalis</i>	x												
desert collared lizard	<i>Crotaphytus insularis</i>			SSS										
desert horned lizard	<i>Phrynosoma platyrhinos</i>			SSS										
short-horned lizard	<i>Phrynosoma douglasi</i>		x				ar							
sagebrush lizard	<i>Sceloporus graciosus</i>						ar							





















































constricted Douglas' onion	<i>Allium constrictum</i>						ss							
Palouse milkvetch	<i>Astragalus arrectus</i>						ss							
Columbia milkvetch	<i>Astragalus succumbens</i>						st							
least bladdery milkvetch	<i>Astragalus microcystis</i>						ss							
pauper milkvetch	<i>Astragalus misellus var. pauper</i>						ss							
Whited's milkvetch	<i>Astragalus sinuatus</i>						se							
long-bearded sego lily	<i>Calochortus longebarbatus</i>						ss							
gray cryptantha	<i>Cryptantha leucophaea</i>						ss							
beaked cryptantha	<i>Cryptantha rostellata</i>						ss							
Wenatchee larkspur	<i>Delphinium viridescens</i>						se							
giant helleborine	<i>Epipactis gigantea</i>						ss							
basalt daisy	<i>Erigeron basalticus</i>						st							
Piper's daisy	<i>Erigeron Piperianus</i>						ss							
sagebrush stickseed	<i>Hackelia diffusa var. arida</i>						ss							
longsepal globemallow	<i>Iliamna longisepala</i>						ss							
Nuttall's guillwort	<i>Isoetes nuttallii</i>						ss							
southern mudwort	<i>Limosella acaulis</i>						ss							
false-pimpernel	<i>Lindernia dubia var. anagellidea</i>						ss							
Kalm's lobelia	<i>Lobelia kalmii</i>						se							



Hoover's desert-parsley	<i>Lomatium tuberosum</i>							st							
Suksdorf's monkey-flower	<i>Mimulus suksdorfii</i>							ss							
coyote tobacco	<i>Nicotiana attenuata</i>							ss							
desert evening-primrose	<i>Oenothera primiveris</i>							ss							
long-tubed evening-primrose	<i>Oenothera flava</i>							x							
Henderson's ricegrass	<i>Achnatherum hendersonii</i> (= <i>Oryzopsis hendersonii</i> )							ss							
wanapum crazyweed	<i>Oxytropis campestris</i> var. <i>wanapum</i>							st							
bristly combseed	<i>Pectocarya setosa</i>							ss							
Chelan rockmat	<i>Petrophytum cinerascens</i>							st							
sticky phacelia	<i>Phacelia lenta</i>							st							
Washington polemonium	<i>Polemonium pectinatum</i>							se							
Austin's knotweed	<i>Polygonum austiniiae</i>							ss							
persistentsepal yellowcress	<i>Rorippa calycina</i>							se			sss		sss		
Oregon checker-mallow	<i>Sidalcea oregana</i> var. <i>calva</i>							se							
Spalding's silene	<i>Silene spaldingii</i>							se							
Hoover's tauschia	<i>Tauschia hooveri</i>							st							
woodsage	<i>Teucrium canadense</i> ssp. <i>viscidum</i>							ss							

Thompson's clover	<i>Trifolium thompsonii</i>							st						
Grouse Creek rockcress	<i>Arabis falcatoria</i>								SSS					
Goose Creek milkvetch	<i>Astragalus anserinus</i>								SSS					
Astragalus equisolensis	<i>Astragalus equisolensis</i>								SSS					
egg milkvetch	<i>Astragalus oophorus</i>								SSS					
Owney's thistle	<i>Cirsium owenbyi</i>								SSS	SSS				
Frisco buckwheat	<i>Eriogonum soredium</i>								SSS					
western sweetvetch	<i>Hedysarum occidentale</i>								SSS					
Hymenoxys depressa	<i>Hymenoxys depressa</i>								SSS					
Dolores River skeletonplant	<i>Lygodesmia doloresensis</i>								SSS					
manystem blazingstar	<i>Mentzelia multicaulis var. librina</i>								SSS					
stemless beardtongue	<i>Penstemon acaulis</i>								SSS	SSS				
broadbeard beardtongue	<i>Penstemon angustifolius</i>								SSS					
Tunnel Springs beardtongue	<i>Penstemon concinnus</i>								SSS					
Aquarius Plateau beardtongue	<i>Penstemon parvus</i>								SSS					
Ward's beardtongue	<i>Penstemon wardii</i>								SSS					
beautiful gilia	<i>Gilia formosa</i>								SSS					

Phacelia (sp. nov.)								SSS						
Aztec gilia	<i>Gila formosa</i>							SSS						
Bisti fleabane	<i>Erigeron bistiensis</i>							SSS						
gypsum townsendia	<i>Townsendia gypsophila</i>							SSS						
Mesa Verde cactus	<i>Sclerocactus mesae-verdae</i>							SSS						
Ute Ladies'-Tresses	<i>Spiranthes diluvialis</i>			SSS	T		SSS			T				
Colorado Butterfly Plant	<i>Gaura neomexicana ssp. coloradensis</i>									SSS				
Desert Yellowhead	<i>Yermo xanthocephalus</i>									SSS				
Small Rock Cress	<i>Arabis pusilla</i>									SSS				
Mystery Wormwood	<i>Artemisia biennis var. diffusa</i>									SSS				
Porter's Sagebrush	<i>Artemisia porteri</i>									SSS				
Dubois Milkvetch	<i>Astragalus gilviflorus var. purpureous</i>									SSS				
Hyattville Milkvetch	<i>Astragalus jejunus var. articulatus</i>									SSS				
Precocious Milkvetch	<i>Astragalus proimanthus</i>									SSS				
Cedar Rim Thistle	<i>Cirsium aridum</i>									SSS				
Many-stemmed Spider-flower	<i>Cleome multicaulis</i>									SSS				
Owl Creek Miner's Candle	<i>Crxptantha subcopitata</i>									SSS				

Wyoming Tansymustard	<i>Desucrania torulosa</i>									SSS				
Haplopappus wardii	<i>Haplopappus wardii</i>									SSS				
Ward's Goldenweed	<i>Haplopappus wardii</i>									SSS				
Sidesaddle Bladderpod	<i>Lesquerella arinosa var. argillousa</i>									SSS				
Fremont Bladderpod	<i>Lesquerella fremontii</i>									SSS				
Large-fruited Bladderpod	<i>Lesquerella macrocarpa</i>									SSS				
Western Bladderpod	<i>Lesquerella occidentalis</i>									SSS				
Prostrate Bladderpod	<i>Lesquerella prostrata</i>									SSS				
Absaroka Beardtongue	<i>Penstemon absarokensis</i>									SSS				
Gibben's Beardtongue	<i>Penstemon gibbensii</i>									SSS				
Beaver Rim Phlox	<i>Phlox pungens</i>									SSS				
Dorn's Twinpod	<i>Physaria dornii</i>									SSS				
Shoshonea	<i>Shoshonea pulvinata</i>									SSS		SSS		
Laramie False Sagebrush	<i>Spaeromeria simplex</i>									SSS				
Rock Springs Greenthread	<i>Thelesperma cespitosum</i>									SSS				
Uinta Greenthread	<i>Thelesperma pubescens</i>									SSS				
Cedar Mtn. Easter Daisy	<i>Townsendia microcephala</i>									SSS				
Barneby's Clover	<i>Trifolium barnebyi</i>									SSS				





















SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	CO
Payson's bladderpod	<i>Lesquerella paysonii</i>	x												
?	<i>Lomatium ochocense</i>	x												
Smooth mentzelia	<i>Mentzelia mollis</i>	x		SSS			SSS							
Packard's mentzelia	<i>Mentzelia packardiae</i>	x		SSS			SSS							
?	<i>Penstemon glaucinus</i>	x												
biennial stanleya	<i>Stanleya confertiflora</i>	x		SSS			SSS							
?	<i>Stephanomeria malheurensis</i>	x												
arrow-leaf thelypody	<i>Thelypodium eucosmum</i>	x		SSS			SSS							
Howell's thelypody	<i>Thelypodium howellii howellii</i>	x		SSS			SSS							
Howell's spectacular thelypody	<i>Thelypodium howellii spectabilis</i>	x		SSS			SSS							
?	<i>Thelypodium paniculatum</i>	x												
?	<i>Thelypodium repandum</i>	x												
?	<i>Trifolium douglasii</i>	x												
Owyhee clover	<i>Trifolium owyheense</i>	x		SSS			SSS							
?	<i>Trifolium thompsonii</i>	x												
Desert needlegrass	<i>Achnatherum speciosum</i>			SSS			SSS							
Cusick's giant-hyssop	<i>Agastache cusickii</i>			SSS			SSS							

Iodine bush	<i>Allenrolfea occidentalis</i>			SSS			SSS							
Two-stemmed onion	<i>Allium bisceptrum</i>			SSS			SSS							
King snapdragon	<i>Antirrhinum kingii</i>			SSS			SSS							
Prickly-poppy	<i>Argemone munita rotundata</i>			SSS			SSS							
Estes' artemisia	<i>Artemisia ludoviciana estesii</i>			SSS			SSS							
Alvord milkvetch	<i>Astragalus alvordensis</i>			SSS			SSS							
Owyhee milkvetch	<i>Astragalus atratus owyheensis</i>			SSS			SSS							
King's rattleweed	<i>Astragalus calycosus</i>			SSS			SSS							
Sterile milkvetch	<i>Astragalus sterilis</i>			SSS			SSS							
Texas bergia	<i>Bergia texana</i>			SSS			SSS							
Porcupine sedge	<i>Carex hystericina</i>			SSS			SSS							
Inverted pale paintbrush	<i>Castilleja pallescens inverta</i>			SSS			SSS							
Steens Mountain Paintbrush	<i>Castilleja pilosa steenensis</i>			SSS			SSS							
Thick-stemmed wild cabbage	<i>Caulanthus crassicaulis</i>			SSS			SSS							
Wild cabbage	<i>Caulanthus major nevadensis</i>			SSS			SSS							
Hairy wild cabbage	<i>Caulanthus pilosus</i>			SSS			SSS							
Large-flowered chaenactis	<i>Chaenactis macrantha</i>			SSS			SSS							
Broad-flowered pincushion	<i>Chaenactis stevioides</i>			SSS			SSS							

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	CO
Desert chaenactis	<i>Chaenactis xantiana</i>			SSS			SSS							
Bristle-flowered collomia	<i>Collomia macrocalyx</i>			SSS			SSS							
Barren valley collomia	<i>Collomia renacta</i>			SSS			SSS							
Low hawkseed	<i>Crepis modocensis modocensis</i>			SSS			SSS							
Low cryptantha	<i>Cryptantha humilis</i>			SSS			SSS							
Malheur cryptantha	<i>Cryptantha propria</i>			SSS			SSS							
Snake river cryptantha	<i>Cryptantha spiculifera</i>			SSS			SSS							
Greeley's cymopterus	<i>Cymopterus acaulis greeleyorum</i>			SSS			SSS							
Umtanum desert buckwheat	<i>Eriogonum codium</i>			SSS			SSS							
Ochre-flowered buckwheat	<i>Eriogonum ochrocephalum calcareum</i>			SSS			SSS							
Playa buckwheat	<i>Eriogonum salicornioides</i>			SSS			SSS							
Three forks stickseed	<i>Hackelia ophiobia</i>			SSS			SSS							
Salt heliotrope	<i>Heliotropium curassavicum</i>			SSS			SSS							
Water howellia	<i>Howellia aquatilis</i>			SSS			SSS							
Cooper's hymenoxys	<i>Hymenoxys cooperi canescens</i>			SSS			SSS							
Great basin langloisia	<i>Langloisia setosissima punctata</i>			SSS			SSS							
Davis' peppergrass	<i>Lepidium davisii</i>			SSS			SSS							



SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	CO
Hazel's prickly-phlox	<i>Leptodactylon pungens hazeliae</i>			SSS			SSS							
Packard's lomatium	<i>Lomatium packardiae</i>			SSS			SSS							
Rose's lomatium	<i>Lomatium roseanum</i>			SSS			SSS							
Biddle's lupine	<i>Lupinus biddlei</i>			SSS			SSS							
Cusick's lupine	<i>Lupinus cusickii</i>			SSS			SSS							
Rush-like skeletonweed	<i>Lygodesmia juncea</i>			SSS			SSS							
Smooth malacothrix	<i>Malacothrix glabrata</i>			SSS			SSS							
Torrey's malacothrix	<i>Malacothrix torreyi</i>			SSS			SSS							
Nodding melic	<i>Melica stricta</i>			SSS			SSS							
Smooth mentzelia	<i>Mentzelia mollis</i>			SSS			SSS							
Packard's mentzelia	<i>Mentzelia packardiae</i>			SSS			SSS							
Bigelow's four-o'clock	<i>Mirabilis bigelovii retrorsa</i>			SSS			SSS							
Macfarlane's four o'clock	<i>Mirabilis macfarlanei</i>			SSS			SSS							
Annual dropseed	<i>Muhlenbergia minutissima</i>			SSS			SSS							
White locoweed	<i>Oxytropis sericea sericea</i>			SSS			SSS							
Bristly combseed	<i>Pectocarya setosa</i>			SSS			SSS							
Simpson hedgehog cactus	<i>Pediocactus simpsonii robustior</i>			SSS			SSS							
Hot-rock beardtongue	<i>Penstemon deustus variabilis</i>			SSS			SSS							

SPECIES	SCIENTIFIC NAME	CRB	TNC	OR	NV	ID	WA	NM	UT	WY	AZ	MT	CA	CO
Antelope valley beardtongue	<i>Penstemon janishiae</i>			SSS			SSS							
King's beardtongue	<i>Penstemon kingii</i>			SSS			SSS							
Minidoka beardtongue	<i>Penstemon perpulcher</i>			SSS			SSS							
Short-lobe penstemon	<i>Penstemon seorsus</i>			SSS			SSS							
Naked-stemmed phacelia	<i>Phacelia gymnoclada</i>			SSS			SSS							
Playa phacelia	<i>Phacelia inundata</i>			SSS			SSS							
Mackenzie's phacelia	<i>Phacelia lutea mackenzieorum</i>			SSS			SSS							
Chambers' twinpod	<i>Physaria chambersii</i>			SSS			SSS							
Hairy-foot plantain	<i>Plantago eriopoda</i>			SSS			SSS							
Silvies valley desert combleaf	<i>Polycytenium fremontii bisulcatum</i>			SSS			SSS							
Desert combleaf	<i>Polycytenium fremontii confertum</i>			SSS			SSS							
Narrowleaved cottonwood	<i>Populus angustifolia</i>			SSS			SSS							
Snake river goldenweed	<i>Pyrrocoma radiata</i>			SSS			SSS							
California chicory	<i>Rafinesquia californica</i>			SSS			SSS							
Bartonberry	<i>Rubus bartonianus</i>			SSS			SSS							
Ertter's ragwort	<i>Senecio erttera</i>			SSS			SSS							
Verrucose sea-purslane	<i>Sesuvium verrucosum</i>			SSS			SSS							

