

Field Guide to the Special Status Plants
of the Bureau of Land Management
Twin Falls District,
Jarbidge Field Office Area

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Special Status Plants of the
Bureau of Land Management
Twin Falls District, Jarbidge Field Office Area**



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INTRODUCTION

This collection of information includes all known to occur or expected to occur special status plant species in the Jarbidge Resource Area of the Twin Falls District, Idaho BLM. It was compiled for use by field personnel and contains photographs, line drawings, and general location maps, when available.

The Bureau of Land Management (BLM) manages special status species under the policy established in the BLM Manual (Section 6840) in addition to requirements set forth under the Endangered Species Act. State laws protecting species applies to all BLM programs and actions to the extent that they are consistent with the Federal Land Policy and Management Act (FLPMA). An annual Memorandum of Understanding between the Idaho Department of Fish and Game and the BLM State Director sets forth a list of special status species which BLM will manage for. Species are ranked by BLM Type which is as follows:

Type 1. Threatened, Endangered, Proposed and Candidate Species

These species are listed by the FWS as threatened or endangered, or they are proposed or candidates for listing under the Endangered Species Act.

Type 2. Rangewide/Globally Imperiled Species – High Endangerment

These species that have a high likelihood of being listed in the foreseeable future due to their global rarity and significant endangerment factors.

Type 3. Rangewide/Globally Imperiled Species – Moderate Endangerment

These are species that are globally rare with moderate endangerment factors. Their global rarity and inherent risks associated with rarity make them imperiled species.

Type 4. Species of Concern

These are species that are generally rare in Idaho with small populations or localized distribution and currently have low threat levels. However, due to the small populations and habitat area, certain future land uses in close proximity could significantly jeopardize these species.

Type 5. Watch List

Watch list species are not considered BLM sensitive species and associated sensitive species policy guidance does not apply. Watch list species include species that may be added to the sensitive species list depending on new information concerning threats and species biology or statewide trends.

The following are brief accounts of the sensitive plants in the Jarbidge Resource Area. Because the Jarbidge Resource Area includes a portion of the State of Nevada, plants listed by the Nevada BLM as special status species which occur or may occur within the Jarbidge Resource Area are also included in this document.

Distribution by Vegetation Type and Habitat

*found in specialized habitats within these communities

Aspen/tall forb and false hellebore/forb

Phacelia minutissima

Mountain big sagebrush

*Astragalus yoder-williamsii

*Primula cusickiana

Low sagebrush

Allium anceps

Astragalus yoder-williamsii

Erigeron latus

Eriogonum lewisii

Ipomopsis polycladon

Pediocactus simpsonii

*Penstemon janishiae

Wyoming sagebrush

Astragalus tetrapteris

Chaenactis stevioides

*Cymopterus acaulis greeleyorum

Erigeron latus

Nemacladus rigidus

Pediocactus simpsonii

*Lepidium papilliferum

Texosporium sancti-jacobi

Wyoming sagebrush-shadscale

Astragalus newberryi castoreus

Chaenactis stevioides

*Cymopterus acaulis greeleyorum

Eatonella nivea

*Eriogonum shockleyi (both varieties)

Ipomopsis polycladon

Nemacladus rigidus

Pediocactus simpsonii

Playa (large hard-bottomed)

Lepidium davisii

Lepidium papilliferum

Rhyolitic canyon walls or base of cliffs

Leptodactylon glabrum

Springs and/or transition zones

Phacelia minutissima

Salt desert shrub

Astragalus newberryi castoreus

Catapyrenium congestum

*Cleomella plocasperma

Cymopterus acaulis greeleyorum

Eatonella nivea

Eriogonum ochrocephalum calcareum

*Eriogonum shockleyi (both varieties)

Ipomopsis polycladon

Glyptopleura marginata

Nemacladus rigidus

Peteria thompsoniae

*Penstemon janishiae

Greasewood

Cleomella plocasperma

Glyptopleura marginata

Riparian/Wetland

Epipactis gigantea

Teucrium canadense occidentale

Horsebrush

Chaenactis stevioides

Ipomopsis polycladon

Indian ricegrass

Chaenactis stevioides

Cymopterus acaulis greeleyorum

Needle-&-thread/Indian ricegrass

Astragalus purshii ophiogenes

Black sagebrush (calcareous sites)

Aspicilia fruticulosa

Meadow

Phacelia minutissima

Mountain mahogany
Primula cusickiana

Rabbitbrush/disturbed Wyoming big
sagebrush sites
Texosporium sancti-jacobi

Distribution by Soil Characteristics and Hydrology

Coarse sand

Astragalus purshii ophiogenes
Chaenactis stevioides
Ipomopsis polycladon
Glyptopleura marginata
Nemacladus rigidus

Fine alluvial sand

Astragalus purshii ophiogenes
Eatonella nivea
Ipomopsis polycladon
Nemacladus rigidus

Lakebed sediment badlands

Astragalus newberryi castoreus
Cymopterus acaulis greeleyorum
Eriogonum shockleyi (both varieties)
Glyptopleura marginata
Peteria thompsoniae
Penstemon janishiae

Volcanic ash

Aspicilia fruticulosa
Cymopterus acaulis greeleyorum
Glyptopleura marginata
Peteria thompsoniae
Penstemon janishiae

Oolitic limestone

Eriogonum shockleyi (both varieties)

Rhyolitic cliffs and talus

Leptodactylon glabrum

Playa or natric areas

Allium anceps
Lepidium davisii
Lepidium papilliferum

Calcareous hot or cold springs

Epipactis gigantea

Sandy or tuffaceous soils

Astragalus tetrapteris

Gravelly desert "pavement"

Eriogonum shockleyi (both varieties)
Glyptopleura marginata
Pediocactus simpsonii

Clay

Cleomella plocasperma?
Eriogonum ochrocephalum calcareum
Penstemon janishiae
Primula cusickiana

Silt loam

Ipomopsis polycladon

Loam

Astragalus yoder-williamsii
Primula cusickiana

Thin soil over basalt

Erigeron latus
Pediocactus simpsonii

Volcanic cinder

Astragalus yoder-williamsii
Eatonella nivea
Erigeron latus
Glyptopleura marginata
Nemacladus rigidus
Peteria thompsoniae
Pediocactus simpsonii

Streambanks

Epipactis gigantea
Teucrium canadense occidentale

Clay loam

Primula cusickiana
Texosporium sancti-jacobi

Barren or slightly natric sites

Catapyrenium congestum
Eriogonum lewisii

Seasonally wet areas

Allium anceps

Phacelia minutissima

Primula cusickiana

Moist bottom-lands

Teucrium canadense occidentale

Thin soil over granitic rock

Astragalus yoder-williamsii

Erigeron latus