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# Appendix K

Special Status Species: Vascular Plants

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# APPENDIX K

## SPECIAL STATUS SPECIES: VASCULAR PLANTS

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Table K-1  
Special Status Vascular Plants

| Common Name         | Scientific Name                 | Status <sup>1</sup> | General Habitat   | Prineville District | Burns District | Lakeview District | Vale District |
|---------------------|---------------------------------|---------------------|---|---------------------|----------------|-------------------|---------------|
| American pillwort   | <i>Pilularia americana</i>      | BLM S               | Shallow vernal pools  | X                   |                |                   |               |
| Annual dropseed     | <i>Muhlenbergia minutissima</i> | BLM S               | Sandy and gravelly drainages, rocky slopes, flats, road cuts, and open sites; usually found in ponderosa pine and oak-pine forests, juniper woodlands, thorn-scrub forests, and grasslands; 1,200 to 3,000 meters |                     |                |                   | X             |
| Arrowleaf thelypody | <i>Thelypodium eucosmum</i>     | BLM S               | Moist seepy areas on ashy-clay soils in juniper/shrublands  | X                   |                |                   |               |
| Awned sedge         | <i>Carex atherodes</i>          | BLM STR             | Wet meadows, seeps, and pond edges; less than 1,400 meters  |                     | X              | X                 |               |

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| <b>Common Name</b>       | <b>Scientific Name</b>          | <b>Status<sup>1</sup></b> | <b>General Habitat</b>  | <b>Prineville District</b> | <b>Burns District</b> | <b>Lakeview District</b> | <b>Vale District</b> |
|--------------------------|---------------------------------|---------------------------|---|----------------------------|-----------------------|--------------------------|----------------------|
| Barren Valley collomia   | <i>Collomia renacta</i>         | BLM S                     | Relatively undisturbed rocky sites with poorly developed soils on scablands or lithic soils in grey rabbitbrush and sandberg bluegrass communities    |                            |                       |                          | X                    |
| Bartonberry              | <i>Rubus bartonianus</i>        | BLM S                     | Rocky riparian zones along tributaries of the Snake River and on steep, talus, and scree slopes in side canyons; 1,100 to 4,600 feet                  |                            |                       |                          | X                    |
| Bastard milkvetch        | <i>Astragalus tegetarioides</i> | BLM S                     | Primarily in cracks of welder tuffaceous rock outcrops or sandy soils, in dry pine forests and sagebrush communities; 1,350 to 1,650 meters           |                            |                       | X                        |                      |
| Beautiful penstemon      | <i>Penstemon perpulcher</i>     | BLM STR                   | Western juniper – big sagebrush, bluebunch wheatgrass, and Idaho fescue grasslands; less than 1,500 meters  |                            |                       |                          | X                    |
| Bellard's kobresia       | <i>Kobresia myosuroides</i>     | BLM S                     | Moist meadows and wetlands  |                            | X                     |                          |                      |
| Biennial stanleya        | <i>Stanleya confertifolia</i>   | BLM S                     | Barren clay slopes in sagebrush communities, heavy clay flats, loose soil mounds, dry sandy grounds, alkaline meadows, and flats; 600 to 1,500 meters |                            |                       |                          | X                    |
| Bogg's lake hedge-hyssop | <i>Gratiola heterosepala</i>    | BLM S                     | Shallow water, mud, or damp soil at edges of lakes and vernal pools   |                            |                       | X                        |                      |
| Bolander's spikerush     | <i>Eleocharis bolanderi</i>     | BLM S                     | Fresh, often summer-dry meadows, springs, seeps, and stream margins; 1,000 to 3,400 meters  |                            |                       | X                        | X                    |

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| <b>Common Name</b>         | <b>Scientific Name</b>                           | <b>Status<sup>1</sup></b> | <b>General Habitat</b>   | <b>Prineville District</b> | <b>Burns District</b> | <b>Lakeview District</b> | <b>Vale District</b> |
|----------------------------|--|---------------------------|--|----------------------------|-----------------------|--------------------------|----------------------|
| Broad fleabane             | <i>Erigeron latus</i>                            | BLM S                     | Dry, open places, level to moderate slope, commonly with sagebrush, usually undisturbed, sometimes grazed or burned sites; 200 to 400 meters   |                            |                       |                          | X                    |
| Broad-keeled milk-vetch    | <i>Astragalus platytopis</i>                     | BLM S                     | Stony crests, screes, talus, gravelly hilltops, and barren ridges in sagebrush communities on strongly calciphile soils; 1,650 to 3,530 meters |                            |                       |                          | X                    |
| Broad-toothed monkeyflower | <i>Mimulus latidens</i>                          | BLM S                     | Vernally wet depressions, drainages; less than 1,700 meters  |                            |                       | X                        |                      |
| Bupleurum                  | <i>Bupleurum americanum</i>                      | BLM S                     | Rocky outcrops in forest openings or in open grasslands or dry meadows   |                            |                       |                          | X                    |
| Capitate sedge             | <i>Carex capitata</i>                            | BLM S                     | Wet or seasonally wet meadows  |                            | X                     |                          |                      |
| Chambers' twinpod          | <i>Physaria chambersii</i>                       | BLM S                     | Clay hillsides, limestone gravel, dolomite ridges, road edges, loose gravel, reddish clay, sagebrush, and juniper areas; 1,500 to 3,200 meters |                            |                       |                          | X                    |
| Chromato - chlamys lichen  | <i>Thelenella muscorum</i> var. <i>octospora</i> | BLM STR                   | Soil crusts in big sagebrush steppe, bluebunch wheatgrass, and Idaho fescue grasslands; less than 1,200 meters                                 | X                          |                       |                          |                      |
| Colonial luina             | <i>Luina serpentina</i>                          | BLM S                     | Serpentine outcrops  | X                          |                       |                          |                      |
| Columbia cress             | <i>Rorippa columbiae</i>                         | BLM S                     | Vernally wet meadows and lake playas with mostly clay soils  |                            |                       | X                        |                      |
| Cooper's goldflower        | <i>Hymenoxys lemmonii</i>                        | BLM S                     | Roadsides, open areas, meadows, on slopes, along drainages, and streams; 1,400 to 2,200 meters   |                            |                       | X                        | X                    |

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|-----------------------|--|---------------------------|---|----------------------------|-----------------------|--------------------------|----------------------|
| Cordilleran sedge     | <i>Carex cordillerana</i>                      | BLM S                     | Rocky slopes with sagebrush and juniper   |                            | X                     |                          | X                    |
| Crater Lake grapefern | <i>Botrychium pumicola</i>                     | BLM S                     | Pumice soils with lodgepole pine; 1,500 to 2,500 meters   | X                          |                       |                          |                      |
| Crenulate moonwort    | <i>Botrychium crenulatum</i>                   | BLM S                     | Moist meadows, streambanks, shrub-dominated wetlands, continuous springs, and wet roadside areas; 1,500 to 2,500 meters   |                            |                       | X                        |                      |
| Cronquist's stickseed | <i>Hackelia cronquistii</i>                    | BLM S                     | Big sagebrush – antelope bitterbrush / bluebunch wheatgrass – Idaho fescue communities; slopes, typically north facing; 600 to 750 meters   |                            |                       |                          | X                    |
| Crosby's buckwheat    | <i>Eriogonum crosbyae</i>                      | BLM S                     | Grows on slopes composed of light-tan to white volcanic ash deposits, sandstone, or altered tuffaceous material stratified with rhyolite in sparse sagebrush/rabbitbrush communities; 1,500 to 1,800 meters |                            |                       | X                        |                      |
| Cusick's buckwheat    | <i>Eriogonum cusickii</i>                      | BLM S                     | Prefers barren, rocky areas with dry gravelly volcanic soil in open flats in sagebrush communities, or very exposed areas along subalpine ridges; 1,450 to 3,000 meters                                     |                            |                       | X                        |                      |
| Cusick's giant-hyssop | <i>Agastache cusickii</i>                      | BLM S                     | In rocky places on margins of playas and dry stream beds, and on talus slopes, at mid to high elevations  |                            |                       | X                        |                      |
| Cusick's lupine       | <i>Lupinus lepidis</i><br>var. <i>cusickii</i> | BLM S                     | Wyoming big sagebrush – Idaho fescue grasslands; 800 to 1,100 meters  |                            |                       |                          | X                    |

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| <b>Common Name</b>        | <b>Scientific Name</b>                                | <b>Status<sup>1</sup></b> | <b>General Habitat</b>  | <b>Prineville District</b> | <b>Burns District</b> | <b>Lakeview District</b> | <b>Vale District</b> |
|---------------------------|---|---------------------------|---|----------------------------|-----------------------|--------------------------|----------------------|
| Dark alpine sedge         | <i>Carex subnigricans</i>                             | BLM S                     | Moist rocky slopes and meadows; Steens Mountains  |                            | X                     |                          |                      |
| Darkthroat shootingstar   | <i>Dodecatheon pulchellum</i> var. <i>shoshonense</i> | BLM S                     | Moist, alkali, inland, meadow communities; 700 to 2,400 meters  |                            |                       |                          | X                    |
| Davidson's rockcress      | <i>Arabis davidsonii</i>                              | BLM STR                   | Rock outcrops; 1,500 to 3,500 meters  |                            |                       |                          | X                    |
| Davis' peppergrass        | <i>Lepidium davisii</i>                               | BLM S                     | Clay playas in sagebrush communities, vernal ponds; 800 to 1,600 meters   |                            |                       |                          | X                    |
| Desert allocarya          | <i>Plagiobothrys salsus</i>                           | BLM S                     | Alkaline playas, sinks at low elevations  |                            |                       | X                        |                      |
| Desert chaenactis         | <i>Chaenactis xantiana</i>                            | BLM S                     | Open, deep loose, sandy (rarely gravelly) soils, arid and semiarid shrublands, and chaparral; 300 to 2,500 meters |                            |                       | X                        | X                    |
| Desert needlegrass        | <i>Achnatherum speciosum</i>                          | BLM S                     | Dry sagebrush communities; 600 to 1,500 meters  |                            | X                     |                          |                      |
| Desert prenanthella       | <i>Prenanthes exigua</i>                              | BLM S                     | Sandy, gravelly, or clay soils; desert sashes and open slopes to sagebrush-juniper steppes; 20 to 1,900 meters    |                            |                       |                          | X                    |
| Disappearing monkeyflower | <i>Mimulus evanescens</i>                             | BLM S                     | Vernally wet gravelly, rocky areas, and low, wet fields, in sagebrush-juniper zones; 1,200 to 1,700 meters        |                            |                       | X                        | X                    |
| Dwarf suncup              | <i>Camissonia pygmaea</i>                             | BLM S                     | Dry, gravelly washes  | X                          |                       |                          |                      |
| Etter's senecio           | <i>Senecio ertterae</i>                               | BLM S                     | Talus slopes on greenish yellow ash tuff; 900 to 1,200 meters   |                            |                       |                          | X                    |

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|--|--|---------------------------|---|----------------------------|-----------------------|--------------------------|----------------------|
| Flathead larkspur                              | <i>Delphinium bicolor</i>                              | BLM S                     | Grasslands, sagebrush steppe, ponderosa pine forests, and subalpine screes  |                            |                       |                          | X                    |
| Fringed desert-parsley                         | <i>Lomatium feenicaulaceum</i> ssp. <i>fimbriatum</i>  | BLM S                     | Dry open slopes, from valleys and plains to middle or sometimes high elevation in mountains   |                            |                       |                          | X                    |
| Geyer's milk-vetch                             | <i>Astragalus geyeri</i> var. <i>geyeri</i>            | BLM S                     | Depressions in mobile or stabilized dunes, sandy flats, and valley floors, along draws in gullied hills, and on margins of alkaline sandy playas; below 1,850 to 2,150 meters   |                            |                       |                          | X                    |
| Geyer's onion                                  | <i>Allium geyeri</i> var. <i>geyeri</i>                | BLM S                     | Moist open slopes, meadows, or stream banks; 200 to 4,000 meters  |                            |                       | X                        |                      |
| Golden buckwheat                               | <i>Eriogonum chrysops</i>                              | BLM S                     | Gravelly basaltic or rhyolitic slopes and outcrops, in low sagebrush – sandberg bluegrass communities; 1,200 to 1,400 meters  |                            |                       |                          | X                    |
| Greeley's cymopterus                           | <i>Cymopterus acaulis</i> var. <i>greeleyorum</i>      | BLM S                     | Heavy clay, sand, or volcanic ash. Sandy soil and brown and white volcanic ash in Wyoming sagebrush, desert shrub and Indian ricegrass zones  |                            |                       |                          | X                    |
| Greenbanded mariposa lily (sagebrush mariposa) | <i>Calochortus macrocarpus</i> var. <i>macrocarpus</i> | BLM S                     | Grasslands in sagebrush steppe; often found on basalt substrates on hillside grasslands and rock outcrops with ponderosa pine, balsamroot, bluebunch wheatgrass, Idaho fescue and Sandberg's bluegrass; 300 to 1,370 meters |                            |                       |                          | X                    |

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|------------------------------|---|---------------------------|---|----------------------------|-----------------------|--------------------------|----------------------|
| Green buckwheat              | <i>Eriogonum umbellatum</i> var. <i>glaberrimum</i> | BLM S                     | Sandy to gravelly slopes in big sagebrush communities   |                            |                       | X                        |                      |
| Greentinge Indian paintbrush | <i>Castilleja chlorotica</i>                        | BLM S                     | Mid-elevation open forest to subalpine slopes, associated with Juniper/big sagebrush, ponderosa/bitterbrush, and mountain mahogany stands   | X                          |                       |                          |                      |
| Grimy ivesia                 | <i>Ivesia rhypara</i> var. <i>rhypara</i>           | BLM S                     | Soils ranging from reddish tuff to loose light-colored volcanic ash, shallow on gravelly, light-colored soil derived from vitric ash flow pumice with antelope bitterbrush; 1,300 to 1,600 meters |                            |                       | X                        | X                    |
| Hairlike sedge               | <i>Carex capillaris</i>                             | BLM S                     | In moss mats in moist areas, bogs, marshes, streambanks, wet meadows, sometimes on limestone substrates   |                            | X                     |                          |                      |
| Henderson's ricegrass        | <i>Achnatherum hendersonii</i>                      | BLM S                     | Rocky ridgeline grasslands in big sagebrush   | X                          |                       |                          |                      |
| Hooker's wild buckwheat      | <i>Eriogonum hookeri</i>                            | BLM S                     | Sandy washes, flats, and slopes, saltbush, greasewood, sagebrush, and mountain mahogany communities, juniper woodlands; 1,300 to 2,500 meters   |                            |                       |                          | X                    |
| Ibapah wavewing              | <i>Cymopterus ibapensis</i>                         | BLM S                     | Open places, variously in sandy, gravelly, rocky, loam, or clay soil, often with sagebrush or juniper; 1,350 to 2,700 meters  |                            |                       |                          | X                    |
| Iodine bush                  | <i>Allenrolfea occidentalis</i>                     | BLM S                     | Alkaline playas and clay flats, wetland pools   |                            | X                     |                          | X                    |

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|-------------------------|---|---------------------------|---|----------------------------|-----------------------|--------------------------|----------------------|
| King's rattleweed       | <i>Astragalus calycosus</i>                         | BLM S                     | Dry stony or otherwise barren places, from the valley floor to lower foothills in sagebrush or juniper-pinyon forest, strongly but not obligatory calciphine soils; 1,300 to 3,950 meters |                            |                       |                          | X                    |
| Lahontan sagebrush      | <i>Artemisia arbuscula</i> ssp. <i>longicaulis</i>  | BLM S                     | Dry plains and hills, commonly in shallower soil or less favorable sites than <i>A. tridentata</i> ; lowlands to 3,300 meters   |                            |                       |                          | X                    |
| Leiberg's clover        | <i>Trifolium leibergii</i>                          | BLM S                     | Barren tuffaceous hillsides, bare shaley crests and talus, and reddish ash-flow; 1,200 to 2,400 meters  |                            |                       | X                        | X                    |
| Lesser panicle sedge    | <i>Carex diandra</i>                                | BLM S                     | Bogs and fens, lakeshores, and springs and seeps  |                            |                       | X                        |                      |
| Longbeard mariposa lily | <i>Calochortus longebarbatus</i> var. <i>peckii</i> | BLM S                     | Vernally moist draws, streambeds, and meadow basins   | X                          |                       |                          |                      |
| Long-flowered snowberry | <i>Symphoricarpos longiflorus</i>                   | BLM S                     | Open, rocky slopes and washes in the sagebrush and juniper zones, sometimes extending upwards into the ponderosa pine zone; up to 2,200 meters  |                            |                       | X                        | X                    |
| Lyrate malacothrix      | <i>Malacothrix sonchoides</i>                       | BLM S                     | Usually on dunes or in deep, fine sand in arroyos and on plains in Joshua tree woodlands, grasslands; 300 to 2,100 meters   |                            |                       | X                        | X                    |
| Mackenzie's phacelia    | <i>Phacelia lutea</i> var. <i>mackenzieorum</i>     | BLM S                     | Unweathered tuff talus  |                            |                       |                          | X                    |
| Malheur stylocline      | <i>Stylocline psilocarphoides</i>                   | BLM STR                   | Sandy – gravelly soils in sagebrush; less than 1,800 meters   |                            |                       |                          | X                    |

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|---------------------------|-----------------------------------|---------------------------|--|----------------------------|-----------------------|--------------------------|----------------------|
| Malheur Valley fiddleneck | <i>Amsinckia carinata</i>         | BLM S                     | Sandy loam soils and yellow ash tuff on north-facing slopes; 1,100 meters  |                            |                       |                          | X                    |
| Malheur wirelettuce       | <i>Stephanomeria malheurensis</i> | FE                        | Known only from the top of a dry, broad hill on volcanic soil intermixed with layers of limestone in sagebrush   |                            | X                     |                          |                      |
| Moonwort                  | <i>Botrichium lunaria</i>         | BLM S                     | Damp turf and gravel, hillside seeps, carex meadow   |                            | X                     |                          |                      |
| Moss gentian              | <i>Gentiana prostrata</i>         | BLM S                     | Sub-alpine wet meadows, moss mats, seeps, springs; 2,600 meters  |                            | X                     |                          |                      |
| Mucronleaf tortula moss   | <i>Tortula mucronifolia</i>       |                           | On soil, tree roots, and sheltered ledges and crevices of rock outcrops and cliffs in riparian forest composed of western birch, quaking aspen, and black cottonwood |                            | X                     |                          |                      |
| Mulford's milk-vetch      | <i>Astragalus mulfordiae</i>      | BLM S                     | Sandy bluffs and dune-like or sometimes shaley talus of river terraces; 650 to 950 meters  |                            |                       |                          | X                    |
| Native sedge              | <i>Carex vernacular</i>           | BLM S                     | Subalpine wet meadows, rocky slopes, stream edges, and lakeshores  |                            | X                     |                          |                      |
| Nevada lupine             | <i>Lupinus nevadensis</i>         | BLM S                     | Hillsides and valley floors, in dry sandy or gravelly soils among sagebrush  |                            |                       | X                        |                      |
| Duskyseed sedge           | <i>Carex pelocarpa</i>            | BLM S                     | Subalpine to alpine slopes, ridges, boulder fields, talus, and rocky streamsides   |                            | X                     |                          |                      |
| Obscure buttercup         | <i>Ranunculus triternatus</i>     | BLM S                     | Vernally moist grasslands, cliff faces   | X                          |                       |                          |                      |

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|---------------------------|---------------------------------|---------------------------|--|----------------------------|-----------------------|--------------------------|----------------------|
| Ochoco desert parsley     | <i>Lomatium ochocense</i>       | BLM S                     | Rocky rideelines and grasslands with big sagebrush and stiff sagebrush; 1,300 to 1,450 meters  | X                          |                       |                          |                      |
| Oregon semaphore grass    | <i>Pleuropogon oregonus</i>     | BLM S                     | Wet meadows and streambanks, where water flows year around   |                            |                       | X                        |                      |
| Orthotrichum moss         | <i>Orthotrichum euryphyllum</i> | BLM STR                   | Basalt rock outcrops and outcrops at seeps and springs, in big sagebrush, ponderosa pine, and juniper woodlands  |                            | X                     |                          |                      |
| Owyhee clover             | <i>Trifolium owyheense</i>      | BLM S                     | Steep barren slopes, ridges, and playa-margins, in Wyoming big sagebrush on shallow blue-gray diatomaceous or yellow green tuff soils; 1,300 to 1,500 meters |                            |                       |                          | X                    |
| Owyhee sagebrush          | <i>Artemisia papposa</i>        | BLM S                     | Rocky swales, dry meadows, and alkaline mud flats; 1,400 to 2,100 meters   |                            |                       |                          | X                    |
| Packard's desert-parsley  | <i>Lomatium packardiae</i>      | BLM STR                   | Dry, open, rocky soils of rhyolite or volcanic ash in sagebrush; 1,200 to 2,300 meters   |                            |                       |                          | X                    |
| Packard's mentzelia       | <i>Mentzelia packardiae</i>     | BLM STR                   | Talus slopes, volcanic ash soils, in big sagebrush communities; 800 to 1,600 meters  |                            |                       |                          | X                    |
| Palmer's evening-primrose | <i>Camissonia palmeri</i>       | BLM STR                   | Dry, open sagebrush scrub; less than 1,200 meters  |                            |                       |                          | X                    |
| Peck's milkvetch          | <i>Astragalus peckii</i>        | BLM S                     | Loose pumice/ash soils in open lodgepole pine and juniper forests with big sagebrush – bitterbrush flats; 800 to 1,100 meters                                | X                          |                       |                          |                      |

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|---------------------------|----------------------------------|---------------------------|--|----------------------------|-----------------------|--------------------------|----------------------|
| Playa buckwheat           | <i>Eriogonum salicornioides</i>  | BLM S                     | Clayey flats and slopes, saltbush, greasewood and sagebrush communities, and juniper woodlands; 700 to 1,300 meters  |                            |                       |                          | X                    |
| Playa yellow phacelia     | <i>Phacelia inundata</i>         | BLM S                     | Mostly on alkali flats and on or around the margins of playas, sinks, and fluctuating lakes, in places that are likely to be submerged for part of the year, only seldom on slopes |                            |                       | X                        | X                    |
| Prickly poppy             | <i>Argemone munita</i>           | BLM S                     | Sandy loam in big sagebrush and greasewood   |                            | X                     |                          | X                    |
| Profuse-flowered pogogyne | <i>Pogogyne floribunda</i>       | BLM S                     | Restricted to summer-dry playa lake beds and ephemeral channels in Great Basin silver sagebrush communities  |                            |                       | X                        | X                    |
| Prostrate buckwheat       | <i>Eriogonum prociduum</i>       | BLM S                     | Barren, dry volcanic gravelly slopes in sagebrush communities; 1,400 to 2,400 meters   |                            |                       | X                        | X                    |
| Purple cymopterus         | <i>Cymopterus purpurascens</i>   | BLM S                     | Dry rocky, big sagebrush communities, desert scrub, ash soils; 1,400 meters  |                            | X                     |                          |                      |
| Rafinesque's pondweed     | <i>Potamogeton diversifolius</i> | BLM S                     | Shallow lakes, ponds, and pools  |                            | X                     |                          |                      |
| Rock olive                | <i>Peltula euploca</i>           | BLM STR                   | Basalt rock outcrops in juniper woodlands and sagebrush  |                            |                       | X                        |                      |
| Rough pyrrocoma           | <i>Pyrrocoma scaberula</i>       | BLM S                     | Snake river canyon grasslands  |                            |                       |                          | X                    |
| Rose's desert parsley     | <i>Lomatium roseanum</i>         | BLM S                     | Rock soils and crevices in big sagebrush / sandberg blue grass and rabbitbrush communities   |                            |                       |                          | X                    |

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|--------------------------|---|---------------------------|---|----------------------------|-----------------------|--------------------------|----------------------|
| Rosy pussypaws           | <i>Cistanthe rosea</i>                                | BLM S                     | Gravelly soils; 1,500 to 3,800 meters   |                            |                       |                          | X                    |
| Rural paintbrush         | <i>Castilleja flava</i><br>var. <i>rustica</i>        | BLM S                     | Open big sagebrush – bunchgrass, open pine forests  |                            |                       |                          | X                    |
| Seaside heliotrope       | <i>Heliotropium curassavicum</i> var. <i>obovatum</i> | BLM S                     | Saline places, on or around the margins of alkaline lakes and playas in mid-elevation valleys                           |                            | X                     | X                        | X                    |
| Shelly's ivesia          | <i>Ivesia rhypara</i> var. <i>shellyi</i>             | BLM S                     | Pockets in boulders and outcrops of pumiceous welded ash-flow tuff along walls of canyons in bunchgrass-sagebrush hills |                            |                       | X                        |                      |
| Shockley's ivesia        | <i>Ivesia shockleyi</i>                               | BLM S                     | Andesite rocky outcrops in low sagebrush, and sandberg blue grass / Idaho fescue communities                            |                            |                       |                          | X                    |
| Short-flowered eriogonum | <i>Eriogonum brachyanthum</i>                         | BLM S                     | Sandy soils, dunes with greasewood and saltbush   |                            | X                     |                          |                      |
| Short-seeded waterwort   | <i>Elatine brachysperma</i>                           | BLM S                     | Mud or shallow water on the banks of streams and at the edges of ponds and reservoirs; 1,200 to 1,500 meters            |                            |                       | X                        | X                    |
| Slender gentian          | <i>Gentianella tenella</i> ssp. <i>tenella</i>        | BLM S                     | Wet meadows at high elevation   |                            | X                     |                          |                      |
| Slender sedge            | <i>Carex lasiocarpa</i> var. <i>americana</i>         | BLM S                     | Fens, bogs, lakeshores, wet meadows, and floating mats in deep soils with moderate nutrient levels                      |                            |                       | X                        |                      |
| Slender wild cabbage     | <i>Caulanthus major</i> var. <i>nevadensis</i>        | BLM S                     | Margin of montane forests, sagebrush, and juniper woodlands; 1,500 to 3,200 meters                                      |                            |                       |                          | X                    |
| Smooth mentzelia         | <i>Mentzelia mollis</i>                               | BLM S                     | Barren heavy clay slopes and bluffs derived from volcanic ash; 800 to 1,465 meters                                      |                            |                       |                          | X                    |

**Table K-1  
Special Status Vascular Plants**

| <b>Common Name</b>            | <b>Scientific Name</b>                            | <b>Status<sup>1</sup></b> | <b>General Habitat</b>  | <b>Prineville District</b> | <b>Burns District</b> | <b>Lakeview District</b> | <b>Vale District</b> |
|-------------------------------|---|---------------------------|---|----------------------------|-----------------------|--------------------------|----------------------|
| Smooth wild cabbage           | <i>Caulanthus crassicaulis</i> var. <i>glaber</i> | BLM S                     | Sagebrush scrub, juniper woodland; 1,200 to 2,900 meters  |                            |                       |                          | X                    |
| Snake River goldenweed        | <i>Pyrocoma radiata</i>                           | BLM S                     | Dry hillsides, alkaline slopes in big sagebrush / bluebunch wheatgrass communities; 600 to 2,400 meters   |                            |                       |                          | X                    |
| Snowline cymopterus           | <i>Cymopterus nivalis</i>                         | BLM S                     | Ash flow soils or open rocky places in juniper/sagebrush/bunchgrass communities with varying slopes and elevations, often associated with <i>Eriogonum prociduum</i> , <i>E. cusickii</i> |                            |                       | X                        |                      |
| Soleri's pygmy-weed           | <i>Crassula solierii</i>                          | BLM STR                   | Mudflats, vernal pools, and wetland edges; less than 2,000 meters   |                            | X                     |                          | X                    |
| South fork John Day milkvetch | <i>Astragalus diaphanus</i> var. <i>diurnus</i>   | BLM STR                   | Dry, barren, gravelly slopes in juniper woodlands and sagebrush; 760 to 1,100 meters  | X                          |                       |                          |                      |
| Spalding's catchfly           | <i>Silene spaldingii</i>                          | FT                        | Grasslands with Idaho fescue, bluebunch wheatgrass, snowberry or sagebrush; 470 to 1,160 meters   |                            |                       |                          | X                    |
| Spiny fameflower              | <i>Phemeranthus spinescens</i>                    | BLM S                     | Basalt outcrops in sagebrush steppe   | X                          |                       |                          |                      |
| St. Jacob's wovenspore lichen | <i>Texosporium sancti-jacobi</i>                  | BLM S                     | Grasslands in big sagebrush communities   | X                          |                       |                          |                      |
| Sterile milk-vetch            | <i>Astragalus cusickii</i> var. <i>sterilis</i>   | BLM S                     | Rocky hillsides, bluffs, talus-slopes, and barren hilltops; below 1,500 meters  |                            |                       |                          | X                    |
| Suksdorf's desertparsley      | <i>Lomatium suksdorfii</i>                        | BLM S                     | Open gravelly, rocky slopes in grasslands and woodlands   | X                          |                       |                          |                      |

**Table K-1  
Special Status Vascular Plants**

| <b>Common Name</b>          | <b>Scientific Name</b>                          | <b>Status<sup>1</sup></b> | <b>General Habitat</b>   | <b>Prineville District</b> | <b>Burns District</b> | <b>Lakeview District</b> | <b>Vale District</b> |
|-----------------------------|---|---------------------------|--|----------------------------|-----------------------|--------------------------|----------------------|
| Three-color monkeyflower    | <i>Mimulus tricolor</i>                         | BLM S                     | Vernally wet depressions, wet clay soil, especially desiccated vernal pools  |                            |                       | X                        |                      |
| Three forks stickseed       | <i>Hackelia ophiobia</i>                        | BLM S                     | Talus and rock-crevices. Talus at the base of rhyolitic cliffs and rock crevices on shady north face of canyons  |                            |                       |                          | X                    |
| Tioga pass sedge            | <i>Carex tiogana</i>                            | BLM S                     | In moss mats in moist areas, bogs, marshes, streambanks, wet meadows, sometimes on limestone substrates, (Steen's Mountains, see <i>Carex capillaris</i> )     |                            | X                     |                          |                      |
| Transmontane abronia        | <i>Abronia turbinata</i>                        | BLM S                     | Sandy soils, desert scrub; 900 to 2,500 meters   |                            |                       |                          | X                    |
| Tygh Valley milkvetch       | <i>Astragalus tyghensis</i>                     | BLM S                     | Open juniper and pine woodlands; dry, rocky, clay soils; canyon walls; big sagebrush grasslands; 400 to 550 meters   | X                          |                       |                          |                      |
| United blazingstar          | <i>Mentzelia congesta</i>                       | BLM S                     | Open dry places, often in sandy soils, usually where the sand shifts and in sites disturbed by humans; 1,200 to 2,550 meters                                   |                            |                       |                          | X                    |
| Variable hot-rock penstemon | <i>Penstemon deustus</i> var. <i>variabilis</i> | BLM STR                   | Dry foothills and grasslands on thin soils; 500 to 800 meters  | X                          |                       |                          |                      |
| Verrucose sea-purslane      | <i>Sesuvium verrucosum</i>                      | BLM S                     | Saline or alkaline soil on or around margins of interior seasonal lakes, often with <i>Heliotropium curassavicum</i> var. <i>obovatum</i> and black greasewood |                            |                       | X                        |                      |

**Table K-1  
Special Status Vascular Plants**

| <b>Common Name</b>      | <b>Scientific Name</b>                              | <b>Status<sup>1</sup></b> | <b>General Habitat</b>   | <b>Prineville District</b> | <b>Burns District</b> | <b>Lakeview District</b> | <b>Vale District</b> |
|-------------------------|---|---------------------------|--|----------------------------|-----------------------|--------------------------|----------------------|
| Warner Mt. bedstraw     | <i>Galium serpenticum</i> var. <i>warnerense</i>    | BLM S                     | Steep slopes, rocky scree areas and talus slopes, at bases or rock outcrops, along road cuts; 1,450 to 2,750 meters  |                            |                       | X                        |                      |
| Watson's desertparsley  | <i>Lomatium watsonii</i>                            | BLM S                     | Dry open, rocky slopes in sagebrush, grasslands  | X                          |                       |                          |                      |
| Wedge-leaf saxifrage    | <i>Saxifraga adscendens</i> spp. <i>oregonensis</i> | BLM S                     | Moist meadows, rocky slopes at high elevation  |                            | X                     |                          |                      |
| Wheeler's skeleton-weed | <i>Chaetadelpa wheeleri</i>                         | BLM S                     | Dunes, sandy soils and alkali flats in creosote bush scrub; 800 to 1,800 meters  |                            |                       |                          | X                    |
| White locoweed          | <i>Oxytropis sericea</i> var. <i>sericea</i>        | BLM S                     | Prairies, plains, foot-hills, especially in open dry grasses and rocky habitats below 2,200 meters; bur ascending to mountain balds and through open pine forest to timberline near 3,300 meters |                            |                       |                          | X                    |
| Whitebark pine          | <i>Pinus albicaulis</i>                             | BLM S                     | High elevation – subalpine forests   |                            |                       |                          | X                    |

Sources: BLM species files; Oregon Plant Atlas 2012; ORBIC 2012; Flora of North America 2013; Intermountain Flora

<sup>1</sup> FE – Federally endangered, FT – Federally threatened, BLM S – BLM Sensitive, BLM STR – BLM Strategic

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