

Tips for Plant ID and Categorization:

- Record scientific name or USDA species code (<https://plants.usda.gov>)
- Plants should be identified to species as frequently as possible
- If plant cannot be identified to at least genus, use the codes below:
 - AF## = Annual Forb (includes biennials)
 - PF## = Perennial Forb
 - AG## = Annual Graminoid
 - PG## = Perennial Graminoid
 - SH## = Shrub
 - Unknown Other = cannot ID at all
- Sedges and Rushes = "Graminoid"
- Succulents = "Other"

Multiple classifications:

- For "Annual/Biennial" and "Biennial/Perennial", ignore "Biennial"
- Categorize "Biennial" and "Annual/Biennial/Perennial" as annual (exceptions listed below)
- For "Shrub/Subshrub" and Forb/Herb/Subshrub", ignore "Subshrub"
- Categorize "Subshrub" and "Forb/Herb/Shrub/Subshrub" as shrub (exceptions listed below)
- Summary:
 - Annual/Biennial = Annual
 - Biennial/Perennial = Perennial
 - Biennial = Annual*
 - Annual/Biennial/Perennial = Annual*
 - Shrub/Subshrub = Shrub
 - Forb/Herb/Subshrub = Forb/Herb
 - Subshrub = Shrub*
 - Forb/Herb/Shrub/Subshrub = Shrub*
- Exceptions:

| Biennials Categorized as Perennials | Subshrubs Categorized as Forbs |
|-------------------------------------|--------------------------------|
| <i>Astragalus lentiginosus</i> | <i>Agoseris glauca</i> |
| <i>Erigeron colomexicanus</i> | <i>Astragalus lentiginosus</i> |
| <i>Erigeron divergens</i> | <i>Chimaphila menziesii</i> |
| <i>Erigeron flagellaris</i> | <i>Chimaphila umbellata</i> |
| <i>Erigeron lobatus</i> | <i>Orthilia secunda</i> |
| <i>Grindelia squarrosa</i> | <i>Penstemon petiolatus</i> |
| <i>Hackelia nervosa</i> | <i>Petrophytum caespitosum</i> |
| <i>Lepidium virginicum</i> | <i>Phlox stansburyi</i> |
| <i>Machaeranthera canescens</i> | <i>Phlox viridis</i> |
| <i>Melilotus officinalis</i> | <i>Pyrola asarifolia</i> |
| <i>Mentzelia leucophylla</i> | <i>Pyrola chlorantha</i> |
| <i>Mentzelia pumila</i> | <i>Pyrola minor</i> |
| <i>Mentzelia torreyi</i> | <i>Pyrola picta</i> |
| <i>Oenothera biennis</i> | <i>Sphaeromeria cana</i> |
| <i>Phacelia mutabilis</i> | <i>Tiquilia canescens</i> |
| <i>Potentilla newberryi</i> | |
| <i>Potentilla norvegica</i> | |
| <i>Tragopogon porrifolius</i> | |
| <i>Tragopogon pratensis</i> | |
| <i>Vicia villosa</i> | |

If you come across a specific plant that is a sage grouse preferred forb (verified by literature), but not on the above list, let us know.