

Table B-2. Sage-grouse forb preference by plant categories. Genera listed after the family are common genera in western North American sagebrush steppe habitats. Tribes listed are within the Asteraceae/Compositae family. Several genera: *Ambrosia*, *Hieracium*, *Layia*, *Machaeranthera*, and *Madia*, *Wyethia* are exceptions to the tribal or family characteristics and are less palatable than the rest of the family or tribe. In contrast, the Boraginaceae, are not palatable except for the genus *Mertensia*. The more shaded a species group is the more preferred that group is by sage-grouse. Compiled by Roger Rosentreter, March 2016.

Species group	Common name	Genera (Family and Asteraceae Tribe data added where relevant)
Composites, with milky sap	Dandelion type flowers	<i>Agoseris</i> , <i>Chondrilla</i> , <i>Cichorium</i> , <i>Crepis</i> , <i>Hypochaeris</i> , <i>Lactuca</i> , <i>Lapsana</i> , <i>Leontodon</i> (fall dandelion), <i>Lygodesmia</i> , <i>Malacothrix</i> , <i>Microseris</i> , <i>Prenanthes</i> , <i>Sonchus</i> , <i>Stephanomeria</i> , <i>Taraxacum</i> , <i>Tragopogon</i> Tribe: Cichorieae
Tender Legumes	Vetches	<i>Astragalus</i> (240 species, only 6 toxic), <i>Medicago</i> , <i>Hedysarum</i> , <i>Lathyrus</i> , <i>Lotus</i> , <i>Oxytropis</i> , <i>Dalea</i> (=Petalostemon), <i>Thermopsis</i> , <i>Trifolium</i> , <i>Vicia</i>
Tender Forbs	<i>Lithophragma</i> Chickweeds	Portulacaceae, Cactaceae (Opuntia), Caryophyllaceae (<i>Cerastium</i> , <i>Stellaria</i>), Crassulaceae, Hydrophyllaceae (<i>Phacelia</i>), herbaceous Rosaceae, Geraniaceae (<i>Erodium</i>), Malvaceae (<i>Sphaeralcea</i>), Loasaceae (<i>Mentzelia</i>), Polemoniaceae (<i>Ipomopsis</i>), Saxifragaceae, Valerianaceae (<i>Plectritis</i>),
Asters & Other Composites, non-milky sap	Asters	<i>Adenocaulon</i> , <i>Arnica</i> , <i>Aster</i> , <i>Balsamorhiza</i> , <i>Bidens</i> , <i>Blepharipappus</i> , <i>Chaenactis</i> , <i>Coreopsis</i> , <i>Conyza</i> , <i>Chrysopsis</i> , <i>Crocidium</i> , <i>Enceliopsis</i> , <i>Echinacea</i> , <i>Erimerica</i> , <i>Erigeron</i> , <i>Eriophyllum</i> , <i>Gallardia</i> , <i>Haplopappus</i> , <i>Helenium</i> , <i>Helianthella</i> , <i>Helianthus</i> , <i>Hulsea</i> , <i>Hymenoxys</i> , <i>Iva</i> , <i>Ratibida</i> , <i>Rubeckia</i> , <i>Senecio</i> , <i>Solidago</i> , <i>Tetradymia</i> , <i>Townsendia</i> , <i>Xanthium</i> , Tribes: Astereae, Heliantheae, Senecioneae & <i>Artemisia</i> (herbaceous)
Lilies	Lilies	Liliaceae (<i>Allium</i> , <i>Brodiaea</i> , <i>Calochortus</i> , <i>Camassia</i> , <i>Frutillaria</i>)
Desert parsley	Biscuitroots	Apiaceae (<i>Lomatium</i> , <i>Cymopterus</i> , <i>Perideridia</i>)
Penstemons, other figworts	Penstemon	Scrophulariaceae/ Plantaginaceae (<i>Penstemon</i> , <i>Besseyia</i> , <i>Castilleja</i> , <i>Orthocarpus</i> , <i>Synthyris</i>)
Buckwheats	<i>Eriogonum</i>	Polygonaceae
Coarse Composites	Thistles, weeds, other	<i>Anaphalis</i> , <i>Antennaria</i> , <i>Arctium</i> , <i>Carduus</i> , <i>Centaurea</i> , <i>Cirsium</i> , <i>Cnicus</i> , <i>Crupina</i> , <i>Echinops</i> , <i>Filago</i> , <i>Gnaphalium</i> , <i>Hieracium</i> , <i>Inula</i> , <i>Layia</i> , <i>Machaeranthera</i> , <i>Madia</i> , <i>Micropus</i> , <i>Onopordum</i> , <i>Psilocarphus</i> , <i>Saussurea</i> , <i>Stylocline</i> Tribes: Cynareae, Inuleae
Coarse Forbs	Borages Mustards, blue flax	Boraginaceae, (coarse genera, <i>Amsinckia</i> , <i>Cryptantha</i> , <i>Lithospermu</i>), Brassicaceae (<i>Sisymbrium</i>), Ranunculaceae, Cleomaceae (<i>Cleome</i>), Linaceae (<i>Linum</i>), Euphorbiaceae, Hypericaceae, Onagraceae, Asclepidaceae, Convolvulaceae, Lamiaceae (<i>Monarda</i>), Solanaceae, Santalaceae (Comandra), Orobanchaceae, Hypericaceae, Chenopodiaceae
Yellow Gummy Composites	Gumweeds, hairy and oily composites	<i>Achillea</i> , <i>Ambrosia</i> , <i>Anthemis</i> , <i>Brickellia</i> , <i>Chrysanthemum</i> , <i>Eupatorium</i> , <i>Grindelia</i> , <i>Liatris</i> , <i>Matricaria</i> , <i>Tanacetum</i> Tribes: Anthemideae, Eupatorieae (except <i>Artemisia</i>)
Toxic Legumes	Lupine	<i>Glycyrrhiza</i> , <i>Lupinus</i> , <i>Psoralea</i>