

# RECOMMENDED SPECIES For Native Plant Landscaping In Montana

The species listed here were selected for their successful use in landscaping settings in the Missoula area. Consider the species found in your local environment as the best guide for what will work in your landscaping project.

**Grasses**

|                              |   |
|------------------------------|---|
| Blue Grama                   | <i>Bouteloua gracilis</i>                             |
| Bluegrass, Alpine            | <i>Poa alpina</i>                                     |
| Bluegrass, Canby's           | <i>Poa canbyi</i>                                     |
| Bluegrass, Sandberg's        | <i>Poa sandbergii</i>                                 |
| Brome, Mountain              | <i>Bromus carinatus</i>                               |
| Fescue, Idaho                | <i>Festuca idahoensis</i>                             |
| Fescue, Rough                | <i>Festuca scabrella</i>                              |
| Hairgrass, Tufted            | <i>Deschampsia caespitosa</i>                         |
| Junegrass, Prairie           | <i>Koeleria cristata</i>                              |
| Mannagrass, Northern         | <i>Glyceria borealis</i>                              |
| Needle and Thread            | <i>Stipa comata</i>                                   |
| Needlegrass, Green           | <i>Stipa viridula</i>                                 |
| Needlegrass,<br>Richardson's | <i>Achnatherum (stipa) richardsonii</i>               |
| Pinegrass                    | <i>Calamagrostis rubescens</i>                        |
| Reedgrass, Bluejoint         | <i>Calamagrostis canadensis</i>                       |
| Ricegrass, Indian            | <i>Achnatherum (Oryzopsis)</i><br><i>hymenoides</i>   |
| Squirreltail, Bottlebrush    | <i>Elymus elymoides (Sitanion hystrix)</i>            |
| Tickle Grass                 | <i>Agrostis scabra</i>                                |
| Timothy, Mountain            | <i>Phleum alpinum</i>                                 |
| Wheatgrass, Bluebunch        | <i>Pseudoroegneria (Agropyron)</i><br><i>spicatum</i> |
| Wheatgrass, Slender          | <i>Elymus trachycaulus</i>                            |
| Wildrye, Blue                | <i>Elymus glaucus</i>                                 |
| Wildrye, Canada              | <i>Elymus canadensis</i>                              |
| Wildrye, Great Basin         | <i>Leymus (Elymus) cinereus</i>                       |

**Ground Covers**

|                      |                                  |
|----------------------|----------------------------------|
| Avens, Mountain      | <i>Dryas octopetala</i>          |
| Buckwheat, Sulfur    | <i>Eriogonum umbellatum</i>      |
| Bunchberry           | <i>Cornus canadensis</i>         |
| Juniper, Creeping    | <i>Juniperus horizontalis</i>    |
| Kinnickinnick        | <i>Arctostaphylos uva-ursi</i>   |
| Oregon Grape         | <i>Mahonia (Berberis) repens</i> |
| Pipsissewa           | <i>Chimaphila umbellata</i>      |
| Prairie Smoke        | <i>Geum triflorum</i>            |
| Pussytoes, Rosy      | <i>Antennaria microphylla</i>    |
| Pussytoes, Umber     | <i>Antennaria umbrinella</i>     |
| Sagewort, White      | <i>Artemisia ludoviciana</i>     |
| Sedge, Elk           | <i>Carex geyerii</i>             |
| Strawberry, Wood's   | <i>Fragaria virginiana</i>       |
| Twinflower           | <i>Linnaea borealis</i>          |
| Whortleberry, Grouse | <i>Vaccinium scoparium</i>       |

**Shrubs**

|                              |                                    |
|------------------------------|------------------------------------|
| Alder, Mountain              | <i>Alnus incana</i>                |
| Ash, Cascade Mountain        | <i>Sorbus scopulina</i>            |
| Bitterbrush, Antelope        | <i>Purshia tridentata</i>          |
| Cherry, Bitter               | <i>Prunus emarginata</i>           |
| Cherry, Pin                  | <i>Prunus pensylvanica</i>         |
| Black Twinberry              | <i>Lonicera involucrate</i>        |
| Buckbrush, Snowbrush         | <i>Ceanothus velutinus</i>         |
| Buffaloberry, Russet         | <i>Shepherdia canadensis</i>       |
| Buffaloberry, Silver         | <i>Shepherdia argentea</i>         |
| Chokecherry, Common          | <i>Prunus virginiana</i>           |
| Cinquefoil, Shrubby          | <i>Potentilla fruticosa</i>        |
| Currant, Golden              | <i>Ribes aureum</i>                |
| Currant, Wax                 | <i>Ribes cereum</i>                |
| Dogwood, Red-Osier           | <i>Cornus stolonifera</i>          |
| Elderberry, Black            | <i>Sambucus racemosa</i>           |
| Elderberry, Blue             | <i>Sambucus cerulea</i>            |
| Grouse Whortleberry          | <i>Vaccinium scoparium</i>         |
| Hawthorn, River              | <i>Crataegus douglasii</i>         |
| Mahogany, Mountain           | <i>Cercocarpus ledifolius</i>      |
| Maple, Rocky Mountain        | <i>Acer glabrum</i>                |
| Mockorange, Lewis'           | <i>Philadelphus lewisii</i>        |
| Mountain Boxwood             | <i>Pachystima myrsinites</i>       |
| Ninebark, Mallow             | <i>Physocarpus malvaceus</i>       |
| Ocean Spray                  | <i>Holodiscus discolor</i>         |
| Penstemon, Shrubby           | <i>Penstemon fruticosus</i>        |
| Rabbitbrush, Green           | <i>Chrysothamnus viscidiflorus</i> |
| Rabbitbrush, Rubber          | <i>Chrysothamnus nauseosus</i>     |
| Raspberry, Red               | <i>Rubus idaeus</i>                |
| Rose, Woods                  | <i>Rosa woodsii</i>                |
| Sagebrush, Mountain Big      | <i>Artemisia tridentata</i>        |
| Serviceberry, Western        | <i>Amelanchier alnifolia</i>       |
| Snowberry, Common            | <i>Symphoricarpos albus</i>        |
| Spiraea, Pink                | <i>Spiraea douglasii</i>           |
| Spiraea, Rosy<br>(Subalpine) | <i>Spiraea densiflora</i>          |
| Spiraea, White               | <i>Spiraea betulifolia</i>         |
| Thimbleberry                 | <i>Rubus parviflorus</i>           |
| Willow. Sandbar              | <i>Salix exiua</i>                 |

Willow, Bebb  
Willow, Geyer  
Willow, Peachleaf

*Salix bebbiana*  
*Salix geyeriana*  
*Salix amygdaloides*

**Trees**

|                         |                              |
|-------------------------|------------------------------|
| Aspen, Quaking          | <i>Populus tremuloides</i>   |
| Birch, River            | <i>Betula occidentalis</i>   |
| Cottonwood, Black       | <i>Populus trichocarpa</i>   |
| Cottonwood, Lanceleaf   | <i>Populus acuminata</i>     |
| Cottonwood, Narrowleaf  | <i>Populus angustifolia</i>  |
| Fir, Douglas            | <i>Pseudotsuga menziesii</i> |
| Hawthorn, Douglas       | <i>Crataegus douglasii</i>   |
| Juniper, Rocky Mountain | <i>Juniperus scopulorum</i>  |
| Larch, Western          | <i>Larix occidentalis</i>    |
| Pine, Limber            | <i>Pinus flexilis</i>        |
| Pine, Lodgepole         | <i>Pinus contorta</i>        |
| Pine, Ponderosa         | <i>Pinus ponderosa</i>       |
| Pine, Whitebark         | <i>Pinus albicaulis</i>      |
| Spruce, Engelmann       | <i>Picea engelmannii</i>     |

**Vines**

|                      |                                |
|----------------------|--------------------------------|
| Clematis, Rock       | <i>Clematis columbiana</i>     |
| Honeysuckle, Western | <i>Lonicera ciliosa</i>        |
| Trumpet              |                                |
| White Virgin's Bower | <i>Clematis ligusticifolia</i> |

**Wetland**

|                          |                               |
|--------------------------|-------------------------------|
| Arrow-leaf Groundsel     | <i>Senecio triangularis</i>   |
| Blue-eyed Grass          | <i>Sisyrinchium montanum</i>  |
| Bulrush, Hardstem        | <i>Scirpus acutus</i>         |
| Bulrush, Softstem        | <i>Scirpus validus</i>        |
| Cottongrass, Russett     | <i>Eriophorum chamissonis</i> |
| Dogwood, Red-Osier       | <i>Cornus stolonifera</i>     |
| Honeysuckle, Twinberry   | <i>Lonicera involucrata</i>   |
| Iris, Rocky Mountain     | <i>Iris missouriensis</i>     |
| Mannagrass, Fowl         | <i>Glyceria striata</i>       |
| Mannagrass, Northern     | <i>Glyceria borealis</i>      |
| Monkeyflower, Yellow     | <i>Mimulus guttatus</i>       |
| Rush, Baltic             | <i>Juncus balticus</i>        |
| Rush, Colorado           | <i>Juncus confusus</i>        |
| Rush, Parry's            | <i>Juncus parryi</i>          |
| Rush, Slender            | <i>Juncus tenuis</i>          |
| Rush, Torrey's           | <i>Juncus torreyi</i>         |
| Rush, Tuberous           | <i>Juncus nodosus</i>         |
| Sedge, Kellog's          | <i>Carex lenticularis</i>     |
| Sedge, Beaked            | <i>Carex utriculata</i>       |
| Sedge, Clustered         | <i>Carex arcta</i>            |
| Sedge, Cusick's          | <i>Carex cusickii</i>         |
| Sedge, Mertens'          | <i>Carex mertensii</i>        |
| Sedge, Nebraska          | <i>Carex nebrascensis</i>     |
| Sedge, Sawbeak           | <i>Carex stipata</i>          |
| Sedge, Water             | <i>Carex aquatilis</i>        |
| Sedge, Woolly            | <i>Carex lanuginosa</i>       |
| Shooting Star, Jeffrey's | <i>Dodecatheon jeffreyi</i>   |
| Spikerush, Common        | <i>Eleocharis palustris</i>   |
| Spikerush, Needle        | <i>Eleocharis acicularis</i>  |
| Yellow Violet            | <i>Viola glabella</i>         |

**Wildflowers**

|                           |   |
|---------------------------|---|
| Alumroot, Roundleaf       | <i>Heuchera cylindrica</i>              |
| Arnica, Heartleaf         | <i>Arnica cordifolia</i>                |
| Arnica, Twin              | <i>Arnica sororia</i>                   |
| Arrowleaf Balsamroot      | <i>Balsamorhiza sagittata</i>           |
| Aster, Showy              | <i>Aster conspicuus</i>                 |
| Aster, Smooth Blue        | <i>Aster laevis</i>                     |
| Ballhead Waterleaf        | <i>Hydrophyllum capitatum</i>           |
| Baneberry                 | <i>Actaea rubra</i>                     |
| Beargrass                 | <i>Xerophyllum tenax</i>                |
| Beebalm                   | <i>Monarda fistulosa</i>                |
| Beeplant, Rocky Mountain  | <i>Cleome serrulata</i>                 |
| Bitterroot                | <i>Lewisia rediviva</i>                 |
| Blanketflower             | <i>Gaillardia aristata</i>              |
| Bluebells, Leafy          | <i>Mertensia oblongifolia</i>           |
| Blue-eyed Grass           | <i>Sisyrinchium montanum</i>            |
| Bog Orchid, White         | <i>Habenaria (Platanthera) dilatata</i> |
| Brittle Prickly-Pear      | <i>Opuntia fragilis</i>                 |
| Buckwheat, Cushion        | <i>Eriogonum ovalifolium</i>            |
| Buckwheat, Sulfur         | <i>Eriogonum umbellatum</i>             |
| Buttercup, Sagebrush      | <i>Ranunculus glaberrimus</i>           |
| Clarkia                   | <i>Clarkia pulchella</i>                |
| Coneflower, Prairie       | <i>Ratibida columnifera</i>             |
| Daisy, Cutleaf            | <i>Erigeron compositus</i>              |
| Dogbane, Spreading        | <i>Apocynum androsaemifolium</i>        |
| Douglasia, Rocky Mountain | <i>Douglasia montana</i>                |
| Evening Primrose, Tufted  | <i>Oenothera caespitosa</i>             |
| Evening Primrose, Yellow  | <i>Oenothera flava</i>                  |
| Fireweed                  | <i>Epilobium angustifolium</i>          |
| Flax, Blue                | <i>Linum lewisii</i>                    |
| Fleabane, Shaggy          | <i>Erigeron pumilus</i>                 |
| Fleabane, Showy           | <i>Erigeron speciosus</i>               |
| Fleabane, Spreading       | <i>Erigeron divergens</i>               |
| Fringecup                 | <i>Mitella stauropetala</i>             |
| Fringed Sagewort          | <i>Artemisia frigida</i>                |
| Gentian, Explorer's       | <i>Gentiana calycosa</i>                |
| Geranium, Sticky          | <i>Geranium viscosissimum</i>           |

|                           |   |
|---------------------------|---|
| Golden-pea                | <i>Thermopsis montana</i>               |
| Goldenrod                 | <i>Solidago missouriensis</i>           |
| Groundsel, Silvery        | <i>Senecio canus</i>                    |
| Hairy Golden Aster        | <i>Chrysopsis (Heterotheca) villosa</i> |
| Harebell, Common          | <i>Campanula rotundiflora</i>           |
| Horsemint, Nettle-leafed  | <i>Agastache urticifolia</i>            |
| Iris, Rocky Mountain      | <i>Iris missouriensis</i>               |
| Jacob's Ladder, Showy     | <i>Polemonium pulcherrimum</i>          |
| Larkspur, Little          | <i>Delphinium bicolor</i>               |
| Lomatium, Fern-leaf       | <i>Lomatium dissectum</i>               |
| Lupine, Silvery           | <i>Lupine argenteus</i>                 |
| Meadowrue, Western        | <i>Thalictrum occidentale</i>           |
| Mint, Field               | <i>Mentha arvensis</i>                  |
| Monkeyflower, Lewis'      | <i>Mimulus lewisii</i>                  |
| Monkeyflower, Yellow      | <i>Mimulus guttatus</i>                 |
| Onion, Nodding            | <i>Allium cernuum</i>                   |
| Oregon Sunshine           | <i>Eriophyllum lanatum</i>              |
| Pasqueflower              | <i>Anemone patens</i>                   |
| Pearly Everlasting        | <i>Anaphalis margaritacea</i>           |
| Penstemon, Small-flowered | <i>Penstemon procerus</i>               |
| Penstemon, Albert's       | <i>Penstemon albertinus</i>             |
| Penstemon, Fuzzytongue    | <i>Penstemon eriantherus</i>            |
| Penstemon, Lyall's        | <i>Penstemon lyallii</i>                |
| Penstemon, Wilcox's       | <i>Penstemon wilcoxii</i>               |
| Phacelia, Franklin's      | <i>Phacelia franklinii</i>              |
| Phacelia, Narrowleaved    | <i>Phacelia linearis</i>                |
| Phlox, Kelsey's           | <i>Phlox kelseyi</i>                    |
| Pussytoes, Rosy           | <i>Antennaria microphylla</i>           |
| White Sagewort            | <i>Artemisia ludoviciana</i>            |
| Sandwort, Mountain        | <i>Arenaria capillaris</i>              |
| Scarlet Gilia             | <i>Ipomopsis (Gilia) aggregata</i>      |
| Scarlet Globemallow       | <i>Sphaeralcea coccinea</i>             |
| Shooting Star             | <i>Dodecatheon sp.</i>                  |
| Stonecrop, Lance-leaved   | <i>Sedum lanceolatum</i>                |
| Sweet Cecily, Western     | <i>Osmorhiza occidentalis</i>           |
| Violet, Western           | <i>Viola adunca</i>                     |
| Violet, Yellow            | <i>Viola glabella</i>                   |
| Yarrow                    | <i>Achillea millefolium</i>             |

| GRASSES                   |   | Bunch/Sod  | Height   | Soil Type       | Soil Moisture              | Season | Sun        | Comments  |
|---------------------------|---|------------|----------|-----------------|----------------------------|--------|------------|---|
| Common Name               | Scientific Name                             |            |          |                 |                            |        |            |   |
| Blue Grama                | <i>Bouteloua gracilis</i>                   | sod former | 12 in    | sandy - clay    | drought tolerant           | Warm   | Full Sun   | greens up late; great for summer lawns & erosion control; known as "eyebrow" grass    |
| Bluegrass, Alpine         | <i>Poa alpina</i>                           | Bunchgrass | 18-20 in | loam with humus | dry                        | Cool   | Full Sun   | short grass with 12" purplish seedhead; high elevation restoration species            |
| Bluegrass, Canby's        | <i>Poa canbyi</i>                           | Bunchgrass | 2 ft     | not particular  | dry                        | Cool   | Full Sun   | fills spaces between taller grasses   |
| Bluegrass, Sandberg's     | <i>Poa sandbergii</i>                       | Bunchgrass | 1 ft     | sandy - loam    | drought tolerant           | Cool   | Full Sun   | needs well-drained spot; fills spaces between taller grasses                          |
| Brome, Mountain           | <i>Bromus carinatus</i>                     | Bunchgrass | 3 ft     | loam            | moist                      | Cool   | Full Sun   | tall grass; good for high elevations  |
| Fescue, Idaho             | <i>Festuca idahoensis</i>                   | Bunchgrass | 1-2 ft   | sandy - clay    | dry                        | Cool   | Full Sun   | blue-green foliage - blue color deepens with drought                                  |
| Fescue, Rough             | <i>Festuca scabrella</i>                    | Bunchgrass | 2-3 ft   | sandy - loam    | dry                        | Cool   | Full Sun   | forms large draping bunches   |
| Hairgrass, Tufted         | <i>Deschampsia caespitosa</i>               | Bunchgrass | 3 ft     | loam - clay     | moist to wet               | Cool   | Full Sun   | good in irrigated areas; bronze colored ornamental seedhead                           |
| Junegrass, Prairie        | <i>Koeleria cristata</i>                    | Bunchgrass | 10-18 in | sandy - loam    | dry; drought tolerant      | Cool   | Full Sun   | early to green up in spring; ornamental; prefers disturbed sites                      |
| Mannagrass, Northern      | <i>Glyceria borealis</i>                    | sod former | 4-5 ft   | sandy - clay    | moist to wet               | Cool   | Full Sun   | grows in shallow water  |
| Needle and Thread         | <i>Stipa comata</i>                         | Bunchgrass | 3-4 ft   | sandy - loam    | drought tolerant           | Cool   | Full Sun   | seeds are troublesome to animals and get stuck in socks                               |
| Needlegrass, Green        | <i>Stipa viridula</i>                       | Bunchgrass | 3 ft     | loam - clay     | dry; mod. drought tolerant | Cool   | Full Sun   | works well in well-drained irrigated gardens; good for range seeding and revegetation |
| Needlegrass, Richardson's | <i>Achnatherum (stipa) richardsonii</i>     | Bunchgrass | 2-3 ft   | sandy - loam    | dry; mod. drought tolerant | Cool   | Full Sun   | drooping seed heads   |
| Pinegrass                 | <i>Calamagrostis rubescens</i>              | sod former | 18-24 in | sandy - loam    | dry to moist               | Cool   | PS - Shade | beautiful lime green color; found under conifers; produces seed when disturbed        |
| Reedgrass, Bluejoint      | <i>Calamagrostis canadensis</i>             | sod former | 4-5 ft   | loam - clay     | dry to moist               | Cool   | Full Sun   | tall grass; slightly purple seedheads; good for irrigated gardens                     |
| Ricegrass, Indian         | <i>Achnatherum (Oryzopsis) hymenoides</i>   | Bunchgrass | 2-3 ft   | sandy           | drought tolerant           | Warm   | Full Sun   | delicate ornamental seedheads; birds and wildlife like seeds                          |
| Squirreltail, Bottlebrush | <i>Elymus elymoides (Sitanion hystrix)</i>  | Bunchgrass | 18 in    | sandy - clay    | dry                        | Cool   | Full Sun   | bushy seedhead; established easily on disturbed sites                                 |
| Tickle Grass              | <i>Agrostis scabra</i>                      | Bunchgrass | 18 in    | sandy - clay    | moist                      | Cool   | Full Sun   | delicate, hairlike blooms; established easily on disturbed sites                      |
| Timothy, Mountain         | <i>Phleum alpinum</i>                       | Bunchgrass | 12-16 in | not particular  | dry to moist               | Cool   | Full Sun   | shorter than cultivated timothy; cylindrical seedhead; good for irrigated gardens     |
| Wheatgrass, Bluebunch     | <i>Pseudoroegneria (Agropyron) spicatum</i> | Bunchgrass | 2-3 ft   | loam-clay       | drought tolerant           | Cool   | Sun - PS   | Montana State Grass; blue-green, hardy, nice ornamental                               |

| GRASSES p. 2 |                 | Bunch/Sod | Height | Soil Type | Soil Moisture | Season | Sun | Comments |
|--------------|-----------------|-----------|--------|-----------|---------------|--------|-----|----------|
| Common Name  | Scientific Name |           |        |           |               |        |     |          |

|                      |                                 |            |        |                 |   |      |               |   |
|----------------------|---------------------------------|------------|--------|-----------------|---|------|---------------|---|
| Wheatgrass, Slender  | <i>Elymus trachycaulus</i>      | Bunchgrass | 2-3 ft | loam - clay     | dry to moist,<br>mod. drought<br>tolerant           | Cool | Full Sun      | short-lived but important in mixes; quick to establish    |
| Wildrye, Blue        | <i>Elymus glaucus</i>           | Bunchgrass | 3 ft   | sandy -<br>loam | moist   | Cool | PS -<br>Shade | blue-green foliage; good erosion control                  |
| Wildrye, Canada      | <i>Elymus canadensis</i>        | Bunchgrass | 3 ft   | sandy -<br>loam | dry to moist  | Cool | Full Sun      | short-lived ornamental; good quick cover                  |
| Wildrye, Great Basin | <i>Leymus (Elymus) cinereus</i> | Bunchgrass | 4-7 ft | loam - clay     | Winter moist,<br>summer dry,<br>drought<br>tolerant | Cool | Full Sun      | erosion control; ornamental; wildlife cover and<br>browse |

Note: height includes seed head

| GROUND COVERS        |                                  | Height   | Flower Color | Soil Type            | Soil Moisture     | Sun         | Annual, Perennial, Biennial | Bloom Time       | Comments  |
|----------------------|----------------------------------|----------|--------------|----------------------|-------------------|-------------|-----------------------------|------------------|---|
| Common Name          | Scientific Name                  |          |              |                      |                   |             |                             |                  |   |
| Avens, Mountain      | <i>Dryas octopetala</i>          | 6-8 in   | yellow       | sandy, rocky         | dry to mod. moist | PS-full sun | perennial                   | May-July         | mat forming; deep green waxy foliage                            |
| Buckwheat, Sulfur    | <i>Eriogonum umbellatum</i>      | 2-12 in  | yellow       | sandy-loam           | dry               | full sun    | perennial                   | June-July        | mat forming; semi-evergreen foliage                             |
| Bunchberry           | <i>Cornus canadensis</i>         | 4-8 in   | white        | organic sandy, rocky | Moist             | Shade       | perennial                   | June-Aug         | coral red berries   |
| Juniper, Creeping    | <i>Juniperus horizontalis</i>    | 6-12 in  | na           |                      |                   | full sun    | perennial                   | na               | blue-green berries  |
| Kinnickinnick        | <i>Arctostaphylos uva-ursi</i>   | 2-6 in   | white/pink   | loam-clay            | dry to mod. moist | PS-full sun | perennial                   | May-June         | evergreen; bright red berries                                   |
| Oregon Grape         | <i>Mahonia (Berberis) repens</i> | 8-12 in  | yellow       | loam-clay            | dry to mod. moist | PS-shade    | perennial                   | May-June         | edible (bitter) grape-like berries                              |
| Pipsissewa           | <i>Chimaphila umbellata</i>      | 4-12 in  | pink         | loam                 | dry to mod. moist | shade       | perennial                   | June-Aug         | evergreen   |
| Prairie Smoke        | <i>Geum triflorum</i>            | 4-14 in  | pink         | sandy-clay           | dry to mod. moist | PS-sun      | perennial                   | May-July         | also called "Old Man's Whiskers", wispy seed heads              |
| Pussytoes, Rosy      | <i>Antennaria microphylla</i>    | 4-14 in  | rose pink    | sandy-loam           | dry to mod. moist | PS-full sun | perennial                   | May-June         | mat forming; semi-evergreen foliage                             |
| Pussytoes, Umber     | <i>Antennaria umbrinella</i>     | 3-6 in   | white/brown  | sandy-loam           | dry to mod. moist | PS-full sun | perennial                   | July             | mat forming; semi-evergreen foliage                             |
| Sagewort, White      | <i>Artemisia ludoviciana</i>     | 12-16 in | yellow       | sandy-clay           | dry to mod. moist | PS-full sun | perennial                   | August-September | mat forming; weed resistant; aromatic                           |
| Sedge, Elk           | <i>Carex geyerii</i>             | 6-18 in  | brown/yellow | loam-clay            | dry to mod. moist | PS-shade    | perennial                   | May-June         | leaves evergreen  |
| Strawberry, Wood's   | <i>Fragaria virginiana</i>       | 2-6 in   | white        | sandy-loam           | dry to mod. moist | PS-full sun | perennial                   | May-July         | small delicious fruit; spreads quickly by stolons               |
| Twinflower           | <i>Linnaea borealis</i>          | 4-6 in   | pink         | organic              | moist-wet         | PS-shade    | perennial                   | June-July        | vine-like; grows under conifer trees                            |
| Whortleberry, Grouse | <i>Vaccinium scoparium</i>       | 8-12 in  | pink         | sandy-loam           | moist             | PS-full sun | perennial                   | June-July        | red foliage in fall; grows under conifer trees; acidic soils ok |

| SHRUBS                |                              | Height    | Sun         | Soil Type      | Soil Moisture           | Flower Color  | Bloom Time | Fruit                                | Comments  |
|-----------------------|------------------------------|-----------|-------------|----------------|-------------------------|---------------|------------|--------------------------------------|---|
| Common Name           | Scientific Name              |           |             |                |                         |               |            |                                      |   |
| Alder, Mountain       | <i>Alnus incana</i>          | 10-13 ft  | PS-full sun | loam-clay      | moist                   | inconspicuous | April-May  | small brown cones                    | grey bark; likes water; forms thickets  |
| Ash, Cascade Mountain | <i>Sorbus scopulina</i>      | 15-20 ft  | PS-full sun | loam           | moist                   | white         | May-June   | scarlet-orange clusters of berries   | fruit attracts birds; prefers high elevations                                   |
| Bitterbrush, Antelope | <i>Purshia tridentata</i>    | 4-6 ft    | full sun    | sandy-loam     | dry                     | yellow        | June-July  | inconspicuous                        | useful for erosion control; can be aggressive; attracts bees                    |
| Cherry, Bitter        | <i>Prunus emarginata</i>     | 12-16 ft+ | PS-full sun | sandy          | dry to moist            | white         | May-June   | very bitter black berries            | Red-purple twigs; fragrant flowers; forms thickets                              |
| Cherry, Pin           | <i>Prunus pensylvanica</i>   | 3-15 ft   | full sun    | sandy-loam     | dry to moist            | white         | May-June   | shiny bright red berries in clusters | Only flesh of berries is edible - no other part; good for jellies               |
| Black Twinberry       | <i>Lonicera involucrate</i>  | 3-5 ft    | PS-full sun | sandy-loam     | moist                   | yellow        | May-July   | inedible black berries               | riparian; also called Bracted Honeysuckle                                       |
| Buckbrush, Snowbrush  | <i>Ceanothus velutinus</i>   | 2-5 ft    | full sun    | loam           | dry to moderately dry   | white         | June-July  | inconspicuous                        | Evergreen; high elevation; glossy green leaves                                  |
| Buffaloberry, Russet  | <i>Shepherdia canadensis</i> | 5-6 ft    | PS-full sun | sandy-loam     | moderately dry to moist | yellow        | May-June   | yellow to red berries (female plant) | rusty dots on leaves; dioecious; berries attract birds                          |
| Buffaloberry, Silver  | <i>Shepherdia argentea</i>   | 8-10 ft   | full sun    | sandy-clay     | moderately dry          | yellow        | May-June   | red edible berries                   | dioecious: good for poor soils; forms clumps - good for windbreaks;             |
| Chokecherry, Common   | <i>Prunus virginiana</i>     | 12-15 ft  | PS-full sun | sandy-clay     | moderately dry to moist | creamy white  | May-June   | dark red to black berries            | Forms clumps; edible berries - good for jelly; drought tolerant; attracts birds |
| Cinquefoil, Shrubby   | <i>Potentilla fruticosa</i>  | 3 ft      | PS-full sun | sandy-clay     | dry to moderately dry   | yellow        | June-July  | inconspicuous                        | nice summer color; good for borders   |
| Currant, Golden       | <i>Ribes aureum</i>          | 5-6 ft    | PS-full sun | sandy-clay     | moderately dry to moist | yellow        | May-June   | yellow to red berries                | edible berries; hummingbirds; browse;   |
| Currant, Wax          | <i>Ribes cereum</i>          | 3-5 ft    | PS-full sun | rocky or sandy | moderately dry          | white-pink    | May-July   | red berries                          | attracts birds; good for hedges   |
| Dogwood, Red-Osier    | <i>Cornus stolonifera</i>    | 8-10 ft   | PS-full sun | loam-clay      | moderately dry to moist | white         | June-July  | white berries                        | red-purple twigs; red-purple leaves in fall; forms clumps; birds eat berries    |
| Elderberry, Black     | <i>Sambucus racemosa</i>     | 6-8 ft    | PS-full sun | organic        | moist                   | white         | June-July  | black clusters                       | berries edible if cooked; attracts bees, birds and bears                        |

| SHRUBS p. 2           |                                    | Height   | Sun                 | Soil Type               | Soil Moisture           | Flower Color  | Bloom Time     | Fruit                         | Comments  |
|-----------------------|------------------------------------|----------|---------------------|-------------------------|-------------------------|---------------|----------------|-------------------------------|---|
| Common Name           | Scientific Name                    |          |                     |                         |                         |               |                |                               |   |
| Elderberry, Blue      | <i>Sambucus cerulea</i>            | 10-12 ft | full shade-full sun | sandy-clay              | moist                   | white         | June-July      | silvery-blue clusters         | berries edible if cooked; attracts bees, birds and bears  |
| Grouse Whortleberry   | <i>Vaccinium scoparium</i>         | 11-12 in | full shade - PS     | sandy-loam              | moist                   | pink          | June-July      | bright red berries            | good for acidic soils; forms lacy groundcover under conifers; attracts birds (grouse) and small mammals |
| Hawthorn, River       | <i>Crataegus douglasii</i>         | 6-12 ft  | PS-full sun         | sandy-loam              | moist                   | white         | June-July      | black berries                 | edible berries attract birds; beautiful red color in fall; forms thickets; large thorns                 |
| Mahogany, Mountain    | <i>Cercocarpus ledifolius</i>      | 6-20 ft  | PS-full sun         | sandy-loam              | dry to moderately dry   | inconspicuous | June-July      | long, twisted, bristly achene | deer browse; high elevations; good for rock gardens   |
| Maple, Rocky Mountain | <i>Acer glabrum</i>                | 8-25 ft  | PS-full sun         | sandy-loam              | moderately dry to moist | white         | May-June       | winged seed pods              | new twigs are red-purple, older wood is grey; yellow fall foliage; browse for elk and moose             |
| Mockorange, Lewis'    | <i>Philadelphus lewisii</i>        | 6-8 ft   | PS-full sun         | sandy-loam              | dry to moderately dry   | white         | May-June       | inconspicuous                 | large fragrant flowers; ornamental; birds attracted to seeds' also known as 'Syringa'                   |
| Mountain Boxwood      | <i>Pachystima myrsinites</i>       | 8-20 in  | PS-full sun         | sandy-loam              | moderately dry to moist | dark red      | May-August     | inconspicuous                 | evergreen; high elevation; small glossy green leaves used in floral arrangements                        |
| Ninebark, Mallow      | <i>Physocarpus malvaceus</i>       | 3-6 ft   | PS-full sun         | sandy-clay              | dry to moderately dry   | white         | June-July      | inconspicuous                 | forms thickets; brown shredding bark; orange to red foliage in fall                                     |
| Ocean Spray           | <i>Holodiscus discolor</i>         | 4-10 ft  | PS-full sun         | sandy-loam              | moderately dry to moist | white         | June-August    | inconspicuous                 | large plumes of fragrant flowers; ornamental; birds attracted to seeds                                  |
| Penstemon, Shrubby    | <i>Penstemon fruticosus</i>        | 6-24 in  | PS-full sun         | sandy-well-drained loam | dry to moderately dry   | blue-lavender | July-August    | inconspicuous                 | attracts hummingbirds and bees; good for borders and dry sites  |
| Rabbitbrush, Green    | <i>Chrysothamnus viscidiflorus</i> | 2-5 ft   | full sun            | sandy-clay              | dry                     | yellow        | August-October | tufted seed heads             | good in disturbed areas; attracts butterflies   |
| Rabbitbrush, Rubber   | <i>Chrysothamnus nauseosus</i>     | 2-3 ft   | full sun            | sandy-clay              | dry                     | yellow        | August-October | tufted seed heads             | good in disturbed areas; attracts butterflies; silvery-grey thin leaves                                 |
| Raspberry, Red        | <i>Rubus idaeus</i>                | 3-6 ft   | PS-full sun         | sandy-clay              | moderately moist        | white         | June-July      | red berries                   | edible berries; similar to cultivated raspberries - 2nd year canes produce fruit; spreads; thorns       |

| SHRUBS p. 3               |                              | Height   | Sun           | Soil Type      | Soil Moisture           | Flower Color  | Bloom Time   | Fruit                | Comments  |
|---------------------------|------------------------------|----------|---------------|----------------|-------------------------|---------------|--------------|----------------------|---|
| Common Name               | Scientific Name              |          |               |                |                         |               |              |                      |   |
| Rose, Woods               | <i>Rosa woodsii</i>          | 2-7 ft   | PS-full sun   | sandy-loam     | moist                   | pink          | June-July    | red rose hips        | naturalizes quickly, especially with water; attracts birds and bees                                   |
| Sagebrush, Mountain Big   | <i>Artemisia tridentata</i>  | 3-6 ft   | full sun      | sandy-clay     | dry to moderately dry   | yellow        | July-October | inconspicuous        | greyish leaves; aromatic; deer and cattle resistant;  |
| Serviceberry, Western     | <i>Amelanchier alnifolia</i> | 8-12 ft  | PS-full sun   | sandy-loam     | moderately dry to moist | white         | April-July   | purple-black berries | edible berries; attracts birds; forms thickets; preferred browse for animals                          |
| Snowberry, Common         | <i>Symphoricarpos albus</i>  | 2-4 ft   | full shade-PS | sandy-clay     | dry to moist            | pink-white    | June-August  | white berries        | unpalatable berries persist through winter; spreads via rhizomes; can be aggressive; drought tolerant |
| Spiraea, Pink             | <i>Spiraea douglasii</i>     | 3-6 ft   | PS-full sun   | loam           | moist                   | rose-red      | August       | inconspicuous        | conical flower heads  |
| Spiraea, Rosy (Subalpine) | <i>Spiraea densiflora</i>    | 1-3 ft   | partial sun   | rocky or sandy | moist                   | pink-red      | July-August  | inconspicuous        | common in stony forests   |
| Spiraea, White            | <i>Spiraea betulifolia</i>   | 2-3 ft   | PS-full sun   | loam           | moist                   | white         | July-August  | inconspicuous        | easily grown but spreads quickly via rhizomes; flat-topped clusters of flowers                        |
| Thimbleberry              | <i>Rubus parviflorus</i>     | 4-6 ft   | full shade-PS | sandy-loam     | dry to moist            | white         | May-July     | red berries          | berries similar to raspberries though less flavorful; large leaves; browse; birds                     |
| Willow, Sandbar           | <i>Salix exigua</i>          | 12-15 ft | PS-full sun   | sandy-loam     | moist to wet            | inconspicuous | May-June     | inconspicuous        | slender, erect gray stems with reddish branches; linear leaves  |
| Willow, Bebb              | <i>Salix bebbiana</i>        | 13 ft    | full shade-PS | sandy          | moist to wet            | inconspicuous | May-June     | inconspicuous        | good for erosion control; deer browse   |
| Willow, Geyer             | <i>Salix geyeriana</i>       | 13 ft    | PS-full sun   | sandy          | moist to wet            | inconspicuous | May-June     | inconspicuous        | yellow-green twigs; lance shaped leaves; clumps and branches  |
| Willow, Peachleaf         | <i>Salix amygdaloides</i>    | 10-16 ft | full sun      | loam-clay      | moist to wet            | yellow        | June         | inconspicuous        | yellow twigs  |

| TREES                   |                              | Height     | Sun         | Soil Type      | Soil Moisture           | Comments   |
|-------------------------|------------------------------|------------|-------------|----------------|-------------------------|--|
| Common Name             | Scientific Name              |            |             |                |                         |  |
| Aspen, Quaking          | <i>Populus tremuloides</i>   | 6-98 ft    | sun-PS      | not particular | moderately dry to moist | forms groves; shallow roots; yellow fall foliage   |
| Birch, River            | <i>Betula occidentalis</i>   | 20-25 ft   | full fun    | sandy-loam     | moist                   | Shiny cinnamon bark; prune suckers to form multi stem  |
| Cottonwood, Black       | <i>Populus trichocarpa</i>   | 150 ft     | full fun    | sandy-loam     | moist                   | fast growing; common in higher elevations  |
| Cottonwood, Lanceleaf   | <i>Populus acuminata</i>     | 65 ft      | full fun    | sandy-clay     | moist                   | yellow foliage in fall; fast growing   |
| Cottonwood, Narrowleaf  | <i>Populus angustifolia</i>  | 60-90 ft   | full fun    | loam           | moist                   | Common on stream sides at lower elevations   |
| Fir, Douglas            | <i>Pseudotsuga menziesii</i> | 165 ft     | full fun-PS | sandy-loam     | moderately dry to moist | fast growing; common in higher elevations  |
| Hawthorn, Douglas       | <i>Crataegus douglasii</i>   | 12-14 ft   | full sun-PS | loam-clay      | moderately dry to moist | white flowers; purple berries; red-orange fall color; large thorns; good habitat for birds and small mammals |
| Juniper, Rocky Mountain | <i>Juniperus scopulorum</i>  | 15-19 ft   | full sun-PS | sandy-clay     | moderately dry to dry   | drought tolerant; wind break; good for browse and birds  |
| Larch, Western          | <i>Larix occidentalis</i>    | 164 ft     | PS-full sun | loam-clay      | moderately dry to moist | prefers cool north aspect; needles turn yellow before falling; long lived                                    |
| Pine, Limber            | <i>Pinus flexilis</i>        | 50-60 ft   | full sun-PS | sandy-clay     | moderately dry to dry   | unique form; drought tolerant  |
| Pine, Lodgepole         | <i>Pinus contorta</i>        | 60-70 ft   | full sun    | sandy-loam     | moderately dry to dry   | prefers cool temps and well-drained soil; found at higher elevations; slender, straight tree                 |
| Pine, Ponderosa         | <i>Pinus ponderosa</i>       | 120-160 ft | full sun    | sandy-clay     | moderately dry to dry   | Montana state tree; drought and wind tolerant; attracts squirrels and birds                                  |
| Pine, Whitebark         | <i>Pinus albicaulis</i>      | 60-65 ft   | full sun    | sandy-clay     | moderately dry to dry   | found in higher elevations; seeds are food source for Clark's Nutcrackers and small mammals                  |
| Spruce, Engelmann       | <i>Picea engelmannii</i>     | 60-65 ft   | full sun-PS | loam           | moderately dry          | found in higher elevations; good for wind breaks and birds   |

| VINES                        |                                | Height  | Flower Color  | Soil Type | Soil Moisture         | Sun           | Bloom Time  | Comments  |
|------------------------------|--------------------------------|---------|---------------|-----------|-----------------------|---------------|-------------|---|
| Common Name                  | Scientific Name                |         |               |           |                       |               |             |   |
| Clematis, Rock               | <i>Clematis columbiana</i>     | 6 ft    | blue-purple   | loam      | dry to moderately dry | full shade-PS | June-August | fluffy seed heads; climbs trees   |
| Honeysuckle, Western Trumpet | <i>Lonicera ciliosa</i>        | 9-18 ft | orange-yellow | loam      | dry to moderately dry | full shade-PS | June-July   | red berries in dense clusters; twining, woody vine; attracts hummingbirds and butterflies |
| White Virgin's Bower         | <i>Clematis ligusticifolia</i> | 9-18 ft | white         | loam      | dry to moist          | PS-full sun   | June-August | Fluffy seed heads; good on fences; climbs trees; can be aggressive                        |

Note: All vines above need support to climb

| WETLANDS               |                               | Height  | Flower Color           | Soil Type    | Sun                    | Wetland Type*       | Bunch, Sod or Clumps | Bloom Time  | Comments  |
|------------------------|-------------------------------|---------|------------------------|--------------|------------------------|---------------------|----------------------|-------------|---|
| Common Name            | Scientific Name               |         |                        |              |                        |                     |                      |             |   |
| Arrow-leaf Groundsel   | <i>Senecio triangularis</i>   | 1-5 ft  | yellow                 | loam-organic | full sun-partial shade | facultative wetland | clumps               | June-August | grows into large clumps; rhizomatous;   |
| Blue-eyed Grass        | <i>Sisyrinchium montanum</i>  | 3-20 in | blue                   | loam-clay    | full sun               | facultative wetland | na                   | April-July  | iris-like leaves; long-blooming with water  |
| Bulrush, Hardstem      | <i>Scirpus acutus</i>         | 3-9 ft  | dark brown             | loam-clay    | full sun-partial shade | obligate            | sod                  | June-August | provides habitat for waterfowl; prefers poorly drained soils; robust once established       |
| Bulrush, Softstem      | <i>Scirpus validus</i>        | 3-9 ft  | red                    | loam-clay    | full sun-partial shade | obligate            | sod                  | June-July   | provides habitat for waterfowl; tolerant of saline conditions; prefers poorly drained soils |
| Cottongrass, Russett   | <i>Eriophorum chamissonis</i> | 8-20 in | white-brown            | loam         | full sun               | obligate            | sod                  | June-August | found in bogs and marshes; flowers are fluffy, white tufts resembling cotton                |
| Dogwood, Red-Osier     | <i>Cornus stolonifera</i>     | 8-10 ft | white                  | loam-clay    | full sun-partial shade | facultative wetland | clumps               | June-July   | red-purple twigs; red-purple leaves in fall; forms clumps; birds eat berries                |
| Honeysuckle, Twinberry | <i>Lonicera involucrata</i>   | 3-5 ft  | yellow                 | sandy-loam   | full sun-partial shade | facultative wetland | na                   | May-July    | riparian; also called Bracted Honeysuckle or Black Twinberry; spreads easily                |
| Iris, Rocky Mountain   | <i>Iris missouriensis</i>     | 8-20 in | pale blue to deep blue | loam-clay    | full sun-partial shade | facultative wetland | clumps               | May-July    | forms clumps via rhizomes   |
| Mannagrass, Fowl       | <i>Glyceria striata</i>       | 1-3 ft  | greenish-purple brown  | loam-clay    | full sun-partial shade | obligate            | sod                  | May-June    | fine foliage; spreads via rhizomes and sometimes forms tussocks                             |
| Mannagrass, Northern   | <i>Glyceria borealis</i>      | 2-4 ft  | green                  | sandy-clay   | full sun-partial shade | obligate            | sod                  | July-August |   |

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| WETLANDS p. 2         |                           |          |                       |                    |                        |                     |                      |                |   |
|-----------------------|---------------------------|----------|-----------------------|--------------------|------------------------|---------------------|----------------------|----------------|---|
| Common Name           | Scientific Name           | Height   | Flower Color          | Soil Type          | Sun                    | Wetland Type*       | Bunch, Sod or Clumps | Bloom Time     | Comments  |
| Monkey flower, Yellow | <i>Mimulus guttatus</i>   | 4-20 in  | yellow                | sandy-clay         | full sun-partial shade | obligate            | na                   | April-August   | bright yellow, snapdragon-like flower; annual but reseeds freely; will spread quickly |
| Rush, Baltic          | <i>Juncus balticus</i>    | 8-30 in  | greenish-purple brown | sandy-clay         | full sun               | obligate            | sod                  | June-August    | saline or alkaline areas; easy to grow; competitive                                   |
| Rush, Colorado        | <i>Juncus confusus</i>    | 6-15 in  | brown                 | sandy-clay         | full sun-partial shade | facultative         | bunch                | July-September | easy to grow  |
| Rush, Parry's         | <i>Juncus parryi</i>      | 4-12 in  | brown                 | sandy-coarse soils | full sun-partial shade | facultative         | bunch                | June-August    |   |
| Rush, Slender         | <i>Juncus tenuis</i>      | 12-18 in | brown                 | loam-clay          | partial shade          | facultative         | sod                  | June-August    | easy to grow  |
| Rush, Torrey's        | <i>Juncus torreyi</i>     | 6-14 in  | light brown           | loam-clay          | partial shade          | facultative-wetland | sod                  | July-August    | ornamental seed heads and red stems; iris-like leaves; rapid growth via rhizomes      |
| Rush, Tuberous        | <i>Juncus nodosus</i>     | 12-24 in | green                 | sandy-clay         | full sun               | obligate            | sod                  | May-June       |   |
| Sedge, Kellogg's      | <i>Carex lenticularis</i> | 6-30 in  | green                 | loam               | full sun               | facultative wetland | bunch                | June-August    |   |
| Sedge, Beaked         | <i>Carex utriculata</i>   | 2-4 ft   | yellowish green       | loam-clay          | full sun               | obligate            | sod                  | June-September | Good bank stabilizer; attracts waterfowl  |
| Sedge, Clustered      | <i>Carex arcta</i>        | 12-18 in | brown                 | loam-organic       | partial shade          | obligate            | bunch                | June-September | Found in wet forests  |
| Sedge, Cusick's       | <i>Carex cusickii</i>     | 12-30 in | brown                 | organic            | full sun               | obligate            | bunch                | June-September | found on shorelines, wet meadows and ditches  |
| Sedge, Mertens'       | <i>Carex mertensii</i>    | 14-36 in | green-brown           | loam-organic       | full sun-partial shade | facultative         | bunch                | June-September | one of our most attractive sedges   |
| Sedge, Nebraska       | <i>Carex nebrascensis</i> | 1-3 ft   | green-brown           | loam-clay          | full sun               | obligate            | sod                  | June-September | wide blue-green foliage; seed are a food source for waterfowl                         |

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| WETLANDS p. 3            |                              |          |              |              |               |                     |                      |                |  |
|--------------------------|------------------------------|----------|--------------|--------------|---------------|---------------------|----------------------|----------------|--|
| Common Name              | Scientific Name              | Height   | Flower Color | Soil Type    | Sun           | Wetland Type*       | Bunch, Sod or Clumps | Bloom Time     | Comments   |
| Sedge, Sawbeak           | <i>Carex stipata</i>         | 1-2 ft   | green-brown  | loam-clay    | Partial shade | obligate            | bunch                | June-September |  |
| Sedge, Water             | <i>Carex aquatilis</i>       | 1-3 ft   | light green  | loam         | full sun      | obligate            | bunch                | June-August    | Good bank stabilizer; easy to grow; attracts waterfowl   |
| Sedge, Wooly             | <i>Carex lanuginosa</i>      | 1-3 ft   | purplish     | loam-clay    | full sun      | obligate            | sod                  | June-September | also known as <i>Carex pellita</i>   |
| Shooting Star, Jeffrey's | <i>Dodecatheon jeffreyi</i>  | 6-14 in  | magenta      | loam-organic | partial shade | facultative-wetland | na                   | May-August     | grows easily from seed in rich, most, partly shaded areas; perennial graceful, slender plant that forms a carpet via rhizomes; tolerant of many soil types; also called Creeping Sedge |
| Spikerush, Common        | <i>Eleocharis palustris</i>  | 4 -15 in | brown        | sandy-clay   | full sun      | obligate            | sod                  | May-September  |  |
| Spikerush, Needle        | <i>Eleocharis acicularis</i> | 1-3 in   | brown        | sandy-clay   | full sun      | obligate            | bunch                | June-August    | small rush, good for edge of ponds   |
| Yellow Violet            | <i>Viola glabella</i>        | 4-10 in  | yellow       | loam-organic | partial shade | facultative wetland | na                   | May-August     | perennial with heart shaped edible leaves  |

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| WILDFLOWERS              |   | Flower Color | Height   | Soil Type   | Soil Moisture     | Perennial, Annual, Biennial | Sun         | Bloom Time | Comments  |
|--------------------------|---|--------------|----------|-------------|-------------------|-----------------------------|-------------|------------|---|
| Common Name              | Scientific Name                         |              |          |             |                   |                             |             |            |   |
| Alumroot, Roundleaf      | <i>Heuchera cylindrica</i>              | white-yellow | 16-18 in | sandy-loam  | dry to mod. moist | perennial                   | PS-full sun | May-July   | likes dry shade; long stemmed flowers; somewhat deer resistant                              |
| Arnica, Heartleaf        | <i>Arnica cordifolia</i>                | yellow       | 12-14 in | loam        | dry to moist      | perennial                   | shade       | June-July  | grows under conifers; daisy like flowers  |
| Arnica, Twin             | <i>Arnica sororia</i>                   | yellow       | 8-24 in  | sandy-clay  | dry to mod. moist | perennial                   | PS-full sun | June-July  | creates loose mats; responds well to cultivation; yellow daisy-like flowers                 |
| Arrowleaf Balsamroot     | <i>Balsamorhiza sagittata</i>           | yellow       | 1-3 feet | sandy-loam  | vernally moist    | perennial                   | full sun    | May-June   | may take 5 years to bloom; goes dormant with summer heat; prefers spring moisture, then dry |
| Aster, Showy             | <i>Aster conspicuus</i>                 | violet-blue  | 1-2 ft   | loam        | dry to mod. moist | perennial                   | PS          | July-Aug   | creeping rhizomes; rarely blooms in full shade  |
| Aster, Smooth Blue       | <i>Aster laevis</i>                     | purple       | 3 ft     | loam        | dry to mod. moist | perennial                   | full sun    | July-Sept  | attracts butterflies; leggy if too much moisture  |
| Ballhead Waterleaf       | <i>Hydrophyllum capitatum</i>           | lavender     | 4-10 in  | sandy-clay  | vernally moist    | perennial                   | PS-shade    | May-July   | prefers spring moisture, then dry; ball shaped flowers hide underneath attractive foliage   |
| Baneberry                | <i>Actaea rubra</i>                     | white        | 2-3 ft   | loam        | moist             | perennial                   | PS-shade    | May-July   | clusters of red or white berries; found in understory                                       |
| Beargrass                | <i>Xerophyllum tenax</i>                | white        | 3-5 ft   | sandy-loam  | vernally moist    | perennial                   | full sun    | June-Aug   | leaves form large tussocks; prefers high elevations and well-drained spots                  |
| Beebalm                  | <i>Monarda fistulosa</i>                | pink         | 18-24 in | sandy-loam  | dry to mod. moist | perennial                   | PS-full sun | June-July  | aromatic, attracts bees and butterflies   |
| Beeplant, Rocky Mountain | <i>Cleome serrulata</i>                 | pink-purple  | 3-4 ft   | sand-loam   | dry               | annual                      | full sun    | July-Aug   | self seeds from pods; flower attracts pollinators   |
| Bitterroot               | <i>Lewisia rediviva</i>                 | pink         | 3 in     | rocky soil  | dry               | perennial                   | full sun    | June       | Montana state flower; leaves wither before it flowers                                       |
| Blanketflower            | <i>Gaillardia aristata</i>              | yellow-red   | 2 ft     | sand-loam   | dry to moist      | perennial                   | full sun    | June-Aug   | attracts butterflies; long blooming; can be short lived                                     |
| Bluebells, Leafy         | <i>Mertensia oblongifolia</i>           | blue         | 7-12 in  | rocky soils | vernally moist    | perennial                   | PS-full sun | June-July  | drooping clusters of tubular flowers, leaves tulip-like                                     |
| Blue-eyed Grass          | <i>Sisyrinchium montanum</i>            | blue-purple  | 4-10 in  | loam        | dry to mod. moist | perennial                   | full sun    | June-July  | forms small clumps with flat, iris like leaves  |
| Bog Orchid, White        | <i>Habenaria (Platanthera) dilatata</i> | white        | 1-3 ft   | loam        | wet               | perennial                   | PS-full sun | June-Aug   | fragrant spike of orchid flowers  |
| Brittle Prickly-Pear     | <i>Opuntia fragilis</i>                 | yellow       | 6-12 in  | sandy-rocky | dry               | perennial                   | full sun    | June-July  | long spines and short bristles; showy blooms; great for rock gardens                        |

| WILDFLOWERS p. 2          |                                  | Flower Color | Height   | Soil Type          | Soil Moisture     | Perennial, Annual, Biennial | Sun         | Bloom Time  | Comments  |
|---------------------------|----------------------------------|--------------|----------|--------------------|-------------------|-----------------------------|-------------|-------------|---|
| Common Name               | Scientific Name                  |              |          |                    |                   |                             |             |             |   |
| Buckwheat, Cushion        | <i>Eriogonum ovalifolium</i>     | white-yellow | 2-6 in   | sandy-rocky        | dry               | perennial                   | full sun    | July-Aug    | great rock garden plant; white or yellow ball shaped flowers turn burgundy as they age              |
| Buckwheat, Sulfur         | <i>Eriogonum umbellatum</i>      | yellow       | 6-12 in  | sandy-loam         | dry               | perennial                   | full sun    | June-July   | mat forming; semi-evergreen foliage   |
| Buttercup, Sagebrush      | <i>Ranunculus glabberimus</i>    | yellow       | 1-4 in   | loam               | vernally moist    | perennial                   | PS-full sun | March-April | one of earliest wildflowers   |
| Clarkia                   | <i>Clarkia pulchella</i>         | fuchsia      | 8-20 in  | sandy-loam         | dry               | annual                      | full sun    | June-Aug    | sow seed in fall; self-seeds; long blooming under cultivation                                       |
| Coneflower, Prairie       | <i>Ratibida columnifera</i>      | yellow       | 2 ft     | sandy              | dry to moist      | perennial                   | full sun    | June-Aug    | short lived but self seeds  |
| Daisy, Cutleaf            | <i>Erigeron compositus</i>       | white        | 3-8 in   | sandy well-drained | dry               | perennial                   | full sun    | June-July   | self-seeds; delicate daisy-like flower  |
| Dogbane, Spreading        | <i>Apocynum androsaemifolium</i> | white-pink   | 8-20 in  | rocky loam         | dry               | perennial                   | PS-full sun | July-Aug    | spreads easily via rhizomes; good erosion control; produces 3-4 in long seed pods                   |
| Douglasia, Rocky Mountain | <i>Douglasia montana</i>         | pink         | 1-3 in   | sandy-rocky        | dry               | perennial                   | full sun    | May-June    | forms small clusters - great for rock gardens   |
| Evening Primrose, Tufted  | <i>Oenothera caespitosa</i>      | white        | 6 in     | sandy-loam         | dry               | perennial                   | full sun    | June-July   | large fragrant flower; spreads; blooms at night; does not compete well                              |
| Evening Primrose, Yellow  | <i>Oenothera flava</i>           | yellow       | 6 in     | sandy-loam         | dry to moist      | perennial                   | full sun    | July-Aug    | spreads easily; attracts night pollinators; basal rosette of leaves with seed pods under leaves     |
| Fireweed                  | <i>Epilobium angustifolium</i>   | pink         | 4-8 ft   | loam               | dry to mod. moist | perennial                   | full sun    | July-Aug    | spreads easily via rhizomes and seeds; flourishes with water; young shoots are edible; follows fire |
| Flax, Blue                | <i>Linum lewisii</i>             | blue         | 18-24 in | sandy-clay         | dry to moist      | perennial                   | full sun    | June-Aug    | self-seeds; short-lived; will reflower if cut back; long blooming in cultivation                    |
| Fleabane, Shaggy          | <i>Erigeron pumilus</i>          | lavender     | 10-20 in | sandy-clay         | dry               | perennial                   | full sun    | June-July   | occasionally white or pink; good in rock gardens each plants produces 50-100 flowers                |
| Fleabane, Showy           | <i>Erigeron speciosus</i>        | lavender     | 10-30 in | sandy-loam         | dry to moist      | perennial                   | full sun    | July-Sept   | purple daisy-like flower; good cut flower; deer resistant   |
| Fleabane, Spreading       | <i>Erigeron divergens</i>        | purple       | 8-12 in  | sandy              | dry to moist      | perennial                   | full sun    | July-Sept   | spreads out to about 2 feet around; colors vary; covered with flowers; self-seeds                   |
| Fringecup                 | <i>Mitella stauropetala</i>      | pink         | 10-18 in | loam               | dry to moist      | perennial                   | PS          | May-July    | attractive clumping foliage   |
| Fringed Sagewort          | <i>Artemisia frigida</i>         | yellow       | 4-12 in  | sandy-clay         | dry               | perennial                   | full sun    | July-Aug    | mat-forming; silvery foliage; deer resistant  |

| WILDFLOWERS p. 3         |   | Flower Color  | Height      | Soil Type      | Soil Moisture    | Perennial, Annual, Biennial | Sun         | Bloom Time | Comments  |
|--------------------------|---|---------------|-------------|----------------|------------------|-----------------------------|-------------|------------|---|
| Common Name              | Scientific Name                         |               |             |                |                  |                             |             |            |   |
| Gentian, Explorer's      | <i>Gentiana calycosa</i>                | deep blue     | 6-12 in     | loam           | moist-wet        | perennial                   | full sun    | July-Aug   | wonderful color; cluster of stems with individual flowers             |
| Geranium, Sticky         | <i>Geranium viscosissimum</i>           | pink-purple   | 1-3 ft      | sandy-loam     | dry to mod moist | perennial                   | PS-full sun | July-Aug   | long blooming in cultivation; colorful fall foliage                   |
| Golden-pea               | <i>Thermopsis montana</i>               | yellow        | 1-3 ft      | sandy-loam     | vernally moist   | perennial                   | full sun    | June-July  | yellow pea-like flowers; distasteful to animals; spreads              |
| Goldenrod                | <i>Solidago missouriensis</i>           | yellow        | 12-30 in    | not particular | dry to mod moist | perennial                   | full sun    | Aug-Sept   | spreads via rhizomes and seeds; can be invasive                       |
| Groundsel, Silvery       | <i>Senecio canus</i>                    | yellow        | 4-12 in     | rocky          | dry              | perennial                   | full sun    | June-Aug   | silvery-gray foliage in basal cluster                                 |
| Hairy Golden Aster       | <i>Chrysopsis (Heterotheca) villosa</i> | yellow        | 6-20 in     | sandy-clay     | vernally moist   | perennial                   | full sun    | July-Aug   | forms a nice mound of flowers; reseeds easily                         |
| Harebell, Common         | <i>Campanula rotundifolia</i>           | purple        | 8-12 in     | not particular | dry              | perennial                   | full sun    | May-Aug    | delicate bell shaped flower; good filler among taller plants          |
| Horsemint, Nettle-leafed | <i>Agastache urticifolia</i>            | pink-purple   | 1-5 ft      | sandy-loam     | moist            | perennial                   | full sun    | June-Aug   | may need staking; reseeds easily; used medicinally                    |
| Iris, Rocky Mountain     | <i>Iris missouriensis</i>               | blue-white    | 8-24 in     | loam           | vernally moist   | perennial                   | PS-full sun | July-Aug   | sword shaped leaves; attracts birds and bees                          |
| Jacob's Ladder, Showy    | <i>Polemonium pulcherrimum</i>          | lavender      | 10-18 in    | loam           | dry to mod moist | perennial                   | PS-full sun | June-July  | will flop if soil too rich; may be short-lived; self seeds            |
| Larkspur, Little         | <i>Delphinium bicolor</i>               | violet-blue   | 6-12 in     | sandy-loam     | dry to mod moist | perennial                   | PS-full sun | May-July   | goes dormant in summer; attracts hummingbirds; poisonous to livestock |
| Lomatium, Fern-leaf      | <i>Lomatium dissectum</i>               | yellow        | 1-5 ft      | rocky          | dry to mod moist | perennial                   | full sun    | May-June   | large fern-like leaves  |
| Lupine, Silvery          | <i>Lupine argenteus</i>                 | purple        | 18 in       | sandy-loam     | dry              | perennial                   | PS-full sun | May-June   | best direct seeded; scarify seed coat and use innoculant              |
| Meadowrue, Western       | <i>Thalictrum occidentale</i>           | purple-brown  | 1-3 ft      | loam           | moist            | perennial                   | PS-shade    | June-Aug   | male and female rhizomatous plants; vigorous in cultivation           |
| Mint, Field              | <i>Mentha arvensis</i>                  | pink-purple   | 1-2 ft      | loam           | moist            | perennial                   | full sun    | June-July  | fragrant edible herb for wet areas; attracts bees                     |
| Monkey Flower, Lewis'    | <i>Mimulus lewisii</i>                  | fuchsia       | 10-24 in    | loam           | moist            | perennial                   | PS-full sun | June-July  | long lived and blooming; needs constant moisture                      |
| Monkey Flower, Yellow    | <i>Mimulus guttatus</i>                 | yellow        | 2 in - 3 ft | organic        | moist            | annual                      | PS-full sun | June-July  | reseeds freely; attracts hummingbirds; great riparian flower          |
| Onion, Nodding           | <i>Allium cernuum</i>                   | pink-lavender | 10-24 in    | sandy-loam     | dry to mod moist | perennial                   | PS-full sun | June-July  | edible ornamental; clumps will slowly increase                        |
| Oregon Sunshine          | <i>Eriophyllum lanatum</i>              | yellow        | 4-24 in     | sandy-loam     | dry to mod moist | perennial                   | full sun    | May-Aug    | forms large clumps; reflowers after pruning; 1" ray flowers           |

| WILDFLOWERS p. 4          |                                    | Flower Color | Height   | Soil Type      | Soil Moisture    | Perennial, Annual, Biennial | Sun         | Bloom Time | Comments  |
|---------------------------|------------------------------------|--------------|----------|----------------|------------------|-----------------------------|-------------|------------|---|
| Common Name               | Scientific Name                    |              |          |                |                  |                             |             |            |   |
| Pasqueflower              | <i>Anemone patens</i>              | purple       | 2-10 in  | sandy-loam     | dry to mod moist | perennial                   | PS          | May-June   | also known as wild crocus; bloom before foliage; one of the earliest wildflowers            |
| Pearly Everlasting        | <i>Anaphalis margaritacea</i>      | white        | 7-27 in  | not particular | dry to mod moist | perennial                   | full sun    | June-Aug   | nice in dried flower arrangements; male and female plants                                   |
| Penstemon, Small-flowered | <i>Penstemon procerus</i>          | blue         | 12-16 in | sandy-loam     | dry              | perennial                   | full sun    | May-Aug    | great for rock gardens; reseeds easily  |
| Penstemon, Albert's       | <i>Penstemon albertinus</i>        | blue         | 4-12 in  | sandy-loam     | dry              | perennial                   | full sun    | May-July   | reseeds easily; perfect for rock gardens  |
| Penstemon, Fuzzytongue    | <i>Penstemon eriantherus</i>       | lavender     | 12-16 in | sandy-loam     | dry              | perennial                   | full sun    | June-July  | relatively short lived; will self seed  |
| Penstemon, Lyall's        | <i>Penstemon lyallii</i>           | lavender     | 12-24 in | rocky          | dry              | perennial                   | full sun    | July-Aug   | long-stalked clusters of 2" tubular flowers   |
| Penstemon, Wilcox's       | <i>Penstemon wilcoxii</i>          | purple       | 16-40 in | rocky          | dry              | perennial                   | PS-full sun | May-July   | attracts butterflies and hummingbirds; will reflower after pruning; dark green waxy foliage |
| Phacelia, Franklin's      | <i>Phacelia franklinii</i>         | blue-purple  | 6-20 in  | sandy-rocky    | dry to mod moist | biennial                    | full sun    | July-Aug   | attractive plant  |
| Phacelia, Narrowleaved    | <i>Phacelia linearis</i>           | lavender     | 10-12 in | sandy-loam     | dry              | perennial                   | full sun    | May-July   | nice filler in dry gardens  |
| Phlox, Kelsey's           | <i>Phlox kelseyi</i>               | white-blue   | 2-6 in   | sandy-rocky    | dry              | perennial                   | full sun    | May-June   | great rock garden plant   |
| Pussytoes, Rosy           | <i>Antennaria microphylla</i>      | rose         | 6-16 in  | sandy-loam     | dry to mod moist | perennial                   | PS-full sun | May-July   | great groundcover   |
| White Sagewort            | <i>Artemisia ludoviciana</i>       | yellow       | 16-24 in | sandy-clay     | dry to mod moist | perennial                   | full sun    | July-Aug   | aromatic; spreads into loose mats   |
| Sandwort, Mountain        | <i>Arenaria capillaris</i>         | white        | 6-8 in   | sandy-rocky    | dry              | perennial                   | full sun    | July-Aug   | fine leaves are tufted and look like a bunch grass  |
| Scarlet Gilia             | <i>Ipomopsis (Gilia) aggregata</i> | red          | 18 in    | sandy-loam     | dry              | biennial                    | full sun    | July-Aug   | hummingbirds love it; will bloom into fall in cultivation                                   |
| Scarlet Globemallow       | <i>Sphaeralcea coccinea</i>        | orange       | 8-24 in  | sandy          | dry              | perennial                   | full sun    | July-Aug   | great in rock gardens; spreads  |
| Shooting Star             | <i>Dodecatheon sp.</i>             | fuchsia      | 3-9 in   | loam           | vernally moist   | perennial                   | PS-full sun | April-June | dormant after flowering; cannot compete with larger plants                                  |
| Stonecrop, Lance-leaved   | <i>Sedum lanceolatum</i>           | yellow       | 4-6 in   | sandy-rocky    | dry              | perennial                   | full sun    | June-Aug   | groundcover; produces flowerlets that root easily   |
| Sweet Cecily, Western     | <i>Osmorhiza occidentalis</i>      | white        | 1-3 ft   | loam           | moist            | perennial                   | PS          | July-Aug   | leaves have anise-like odor when crushed;   |
| Violet, Western           | <i>Viola adunca</i>                | purple       | 2-5 in   | sandy-loam     | moist            | perennial                   | PS-shade    | April-Aug  | rhizomatous; 2-6 in wide clusters   |
| Violet, Yellow            | <i>Viola glabella</i>              | yellow       | 2/8 in   | loam           | moist            | perennial                   | PS-shade    | May-July   | rhizomatous and reseeds   |

| WILDFLOWERS p. 5 |                             | Flower Color | Height  | Soil Type  | Soil Moisture | Perennial,<br>Annual, Biennial | Sun         | Bloom Time | Comments   |
|------------------|-----------------------------|--------------|---------|------------|---------------|--------------------------------|-------------|------------|--|
| Common Name      | Scientific Name             |              |         |            |               |                                |             |            |  |
| Yarrow           | <i>Achillea millefolium</i> | white        | 8-40 in | sandy-clay | dry           | perennial                      | PS-full sun | June-Aug   | fast growing and can be invasive; deer resistant |

