

## *Wildflowers of the Bitterroot*

### **HORSETAILS**

**Horsetail family (*Equisetaceae*)**  
common horsetail

*Equisetum arvense*

### **FERNS AND FERN ALLIES**

**Common fern family (*Polypodiaceae*):**  
common lady-fern  
Rocky Mtn. woodsia

*Athyrium filix-femina*  
*Woodsia scopulina*

### **CONIFERS**

**Cedar family (*Cupressaceae*):**  
Rocky Mtn. juniper  
western redcedar

*Juniperus scopulorum*  
*Thuja plicata*

**Pine family (*Pinaceae*):**

grand fir  
subalpine fir  
alpine larch  
western larch  
Engelmann spruce  
whitebark pine  
lodgepole pine  
ponderosa pine  
Douglas-fir

*Abies grandis*  
*Abies lasiocarpa*  
*Larix lyalli*  
*Larix occidentalis*  
*Picea engelmannii*  
*Pinus albicaulis*  
*Pinus contorta*  
*Pinus ponderosa*  
*Pseudotsuga menziesii*

### **DICOTS**

**Barberry family (*Berberidaceae*):**  
Oregon grape

*Berberis repens*

**Birch family (*Betulaceae*):**

thin-leaved alder  
Sitka alder  
river birch

*Alnus incana*  
*Alnus sinuata*  
*Betula occidentalis*

**Borage family (*Boraginaceae*):**

wayside gromwell  
leafy bluebells  
smaller forget-me-not

*Lithospermum ruderale*  
*Mertensia oblongifolia*  
*Myosotis laxa*

**Buckthorn family (*Rhamnaceae*):**  
buckbrush

*Ceanothus velutinus*

**Buckwheat family (*Polygonaceae*):**

sulfur buckwheat  
American bistort

*Eriogonum umbellatum*  
*Polygonum bistortoides*

**Buttercup family (*Ranunculaceae*):**

baneberry  
yellow columbine  
Columbia virgin's-bower  
low larkspur  
subalpine buttercup  
sagebrush buttercup  
western meadowrue

*Actea rubra*  
*Aquilegia flavescens*  
*Clematis columbiana*  
*Delphinium bicolor*  
*Ranunculus eschscholtzii*  
*Ranunculus glabberimus*  
*Thalictrum occidentale*

**Cactus family (*Cactaceae*):**

jump cactus

*Opuntia fragilis*

**Dogbane family (*Apocynaceae*):**

creeping dogbane

*Apocynum androsaemifolium*

**Dogwood family (*Cornaceae*):**

bunchberry  
red-osier dogwood

*Cornus canadensis*  
*Cornus stolonifera*

**Evening-primrose family (*Onagraceae*):**

fireweed

*Epilobium angustifolium*

**Figwort family (*Scrophulariaceae*):**

red besseya  
harsh paintbrush  
common red paintbrush  
palish paintbrush  
blue-eyed Mary  
yellow monkey-flower  
red monkey-flower  
bracted lousewort  
alpine fernleaf  
parrot's-beak  
Albert's penstemon  
rockvine penstemon  
little penstemon  
American speedwell  
thyme-leaved speedwell  
alpine speedwell

*Besseya rubra*  
*Castilleja hispida*  
*Castilleja miniata*  
*Castilleja pallescens*  
*Collinsia parviflora*  
*Mimulus guttatus*  
*Mimulus lewisii*  
*Pedicularis bracteosa*  
*Pedicularis contorta*  
*Pedicularis racemosa*  
*Penstemon albertinus*  
*Penstemon ellipticus*  
*Penstemon procerus*  
*Veronica americana*  
*Veronica serpyllifolia*  
*Veronica wormsjoldii*

**Geranium family (*Geraniaceae*):**

Bicknell's geranium  
sticky geranium

*Geranium bicknellii*  
*Geranium viscosissimum*

**Gooseberry family (*Grossulariaceae*):**

squaw currant  
swamp currant  
sticky currant

*Ribes cereum*  
*Ribes lacustre*  
*Ribes viscosissimum*

**Harebell family (*Campanulaceae*):**

scotch harebell

*Campanula rotundifolia*

**Heath family (*Ericaceae*):**

kinnikinnick

*Arctostaphylos uva-ursi*

mountain heather

*Cassiope mertensiana*

prince's pine

*Chimaphila umbellata*

fool's huckleberry

*Menziesia ferruginea*

pink mountain-heath

*Phyllodoce empetrifomis*

yellow mountain-heath

*Phyllodoce glanduliflora*

pink pyrola

*Pyrola asarifolia*

sidebells pyrola

*Pyrola secunda*

huckleberry

*Vaccinium globulare*

grouse whortleberry

*Vaccinium scoparium*

**Honeysuckle family (*Caprifoliaceae*):**

twinflor

*Linnaea borealis*

twinberry

*Lonicera involucrata*

red twinberry

*Lonicera utahensis*

blue elderberry

*Sambucus cerulea*

black elderberry

*Sambucus racemosa*

common snowberry

*Symphoricarpos albus*

**Hydrangea family (*Hydrangeaceae*):**

syringa

*Philadelphus lewisii*

**Madder family (*Rubiaceae*):**

rough bedstraw

*Galium asperrimum*

northern bedstraw

*Galium boreale*

fragrant bedstraw

*Galium triflorum*

**Maple family (*Aceraceae*):**

Rocky Mtn. maple

*Acer glabrum*

**Mint family (*Labiatae or Lamiaceae*):**

field mint

*Mentha arvensis*

self-heal

*Prunella vulgaris*

**Mustard family (*Cruciferae or Brassicaceae*):**

Holboell's rockcress

*Arabis holboellii*

vernal whitlow grass

*Draba verna*

**Nettle family (*Urticaceae*):**

stinging nettle

*Urtica dioica*

**Oleaster family (*Elaeagnaceae*):**

bitter buffalo-berry

*Shepherdia canadensis*

**Parsley family (*Umbelliferae* or *Apiaceae*):**

Lyall's angelica	<i>Angelica arguta</i>
Canby's licorice-root	<i>Ligusticum canbyi</i>
cous	<i>Lomatium cous</i>
fern-leaved lomatium	<i>Lomatium dissectum</i>
large-fruit lomatium	<i>Lomatium macrocarpum</i>
nine-leaf lomatium	<i>Lomatium triternatum</i>
mountain sweetroot	<i>Osmorhiza chilensis</i>
western seet-cicely	<i>Osmorhiza occidentalis</i>

**Pea family (*Leguminosae* or *Fabaceae*):**

weedy milvetch	<i>Astragalus miser</i>
western sweetvetch	<i>Hedysarum occidentale</i>
silvery lupine	<i>Lupinus argenteus</i>
Washington lupine	<i>Lupinus polyphyllus</i>
blue-bonnet	<i>Lupinus sericeus</i>
Wyeth's lupine	<i>Lupinus wyethii</i>
longstalk clover	<i>Trifolium longipes</i>

**Phlox family (*Polemoniaceae*):**

long-leaved phlox	<i>Phlox longifolia</i>
Jacob's ladder	<i>Polemonium pulcherrimum</i>

**Pink family (*Caryophyllaceae*):**

ballhead sandwort	<i>Arenaria congesta</i>
alpine sandwort	<i>Arenaria obtusiloba</i>
field chickweed	<i>Cerastium arvense</i>
nodding chickweed	<i>Cerastium nutans</i>
Menzies' silene	<i>Silene menziesii</i>

**Primrose family (*Primulaceae*):**

prairie shooting star	<i>Dodecatheon conjugens</i>
Jeffrey's shooting star	<i>Dodecatheon jeffreyi</i>
woodland shooting star	<i>Dodecatheon pulchellum</i>
Rocky Mtn. douglasia	<i>Douglasia montana</i>

**Purslane family (*Portulacaceae*):**

springbeauty	<i>Claytonia lanceolata</i>
bitterroot	<i>Lewisia rediviva</i>
broad-leaved miner's lettuce	<i>Montia cordifolia</i>
miner's lettuce	<i>Montia perfoliata</i>

**Rose family (*Rosaceae*):**

serviceberry  
river hawthorn  
woods strawberry  
blueleaf strawberry  
large-leaved avens  
Ross's avens  
prairie smoke  
mountain-spray  
ninebark  
varileaf cinquefoil  
sticky cinquefoil  
Elmer's cinquefoil  
chokecherry  
bitterbrush  
Wood's rose  
red raspberry  
thimbleberry  
white spiraea  
subalpine spiraea

*Amelanchier alnifolia*  
*Crataegus douglasii*  
*Fragaria vesca*  
*Fragaria virginiana*  
*Geum macrophyllum*  
*Geum rossii*  
*Geum triflorum*  
*Holodiscus discolor*  
*Physocarpus malvaceus*  
*Potentilla diversifolia*  
*Potentilla glandulosa*  
*Potentilla gracilis*  
*Prunus virginiana*  
*Purshia tridentata*  
*Rosa woodsii*  
*Rubus idaeus*  
*Rubus parviflorus*  
*Spiraea betulifolia*  
*Spiraea densiflora*

**Saxifrage family (*Saxifragaceae*):**

gooseberry-leaved alumroot  
small-flowered fringecup  
side-flowered mitrewort  
brook saxifrage  
dotted saxifrage  
western saxifrage  
foamflower

*Heuchera grossulariifolia*  
*Lithophragma parviflora*  
*Mitella stauropetala*  
*Saxifraga arguta*  
*Saxifraga bronchialis*  
*Saxifraga occidentalis*  
*Tiarella trifoliata*

**Stonecrop family (*Crassulaceae*):**

lanceleaf stonecrop  
wormleaf stonecrop

*Sedum lanceolatum*  
*Sedum stenopetalum*

**Sunflower family (*Compositae* or *Asteraceae*):**

yarrow	<i>Achillea millefolium</i>
pearly-everlasting	<i>Anaphalis margaritacea</i>
rosy pussy-toes	<i>Antennaria microphylla</i>
raceme pussy-toes	<i>Antennaria racemosa</i>
umber pussy-toes	<i>Antennaria umbrinella</i>
heartleaf arnica	<i>Arnica cordifolia</i>
mountain arnica	<i>Arnica latifolia</i>
big sagebrush	<i>Artemisia tridentata</i>
showy aster	<i>Aster conspicuus</i>
leafy aster	<i>Aster foliaceus</i>
arrowleaf balsamroot	<i>Balsamorhiza sagittata</i>
hairy golden-aster	<i>Chrysopsis villosa</i>
rubber rabbit-brush	<i>Chrysothamnus nauseosus</i>
slender hawkbeard	<i>Crepis atrabarba</i>
cutleaf daisy	<i>Erigeron compositus</i>
blanket flower	<i>Gaillardia aristata</i>
white hawkweed	<i>Hieracium albiflorum</i>
hound's tongue hawkweed	<i>Hieracium cynoglossoides</i>
alpine hawkweed	<i>Hieracium gracile</i>
pineapple weed	<i>Matricaria matricarioides</i>
nodding microseris	<i>Microseris nutans</i>
western coneflower	<i>Rudbeckia occidentalis</i>
silvery groundsel	<i>Senecio canus</i>
lambstongue groundsel	<i>Senecio interregimus</i>
arrowleaf groundsel	<i>Senecio triangularis</i>
Canada goldenrod	<i>Solidago canadensis</i>

**Valerian family (*Valerianaceae*):**

mountain valerian	<i>Valeriana dioica</i>
Sitka valerian	<i>Valeriana sitchensis</i>

**Violet family (*Violaceae*):**

western violet	<i>Viola adunca</i>
pioneer violet	<i>Viola glabella</i>
Nuttall's violet	<i>Viola nuttallii</i>

**Waterleaf family (*Hydrophyllaceae*):**

ballhead waterleaf	<i>Hydrophyllum capitatum</i>
silverleaf phacelia	<i>Phacelia hastata</i>
Virgate phacelia	<i>Phacelia heterophylla</i>
sand phacelia	<i>Phacelia linearis</i>

**Willow family (*Salicaceae*):**

quaking aspen	<i>Populus tremuloides</i>
black cottonwood	<i>Populus trichocarpa</i>
Bebb willow	<i>Salix bebbiana</i>
Drummond willow	<i>Salix drummondiana</i>

Scouler willow

*Salix scouleriana*

## MONOCOTS

### Cat-tail family (*Typhaceae*):

common cat-tail

*Typha latifolia*

### Grass family (*Gramineae*):

bluebunch wheatgrass  
tickle-grass  
California brome-grass  
bluejoint reedgrass  
pinegrass  
woodreed  
timber oatgrass  
blue ryegrass  
Idaho fescue  
western fescue  
sheep fescue  
northern mannagrass  
Junegrass  
alpine timothy  
Canada bluegrass  
Cusick's bluegrass  
Sandberg's bluegrass  
western needlegrass  
downy oatgrass

*Agropyron spicatum*  
*Agrostis scabra*  
*Bromus carinatus*  
*Calamagrostis canadensis*  
*Calamagrostis rubescens*  
*Cinna latifolia*  
*Danthonia intermedia*  
*Elymus glaucus*  
*Festuca idahoensis*  
*Festuca occidentalis*  
*Festuca ovina*  
*Glyceria borealis*  
*Koeleria cristata*  
*Phleum alpinum*  
*Poa compressa*  
*Poa cusickii*  
*Poa sandbergii*  
*Stipa occidentalis*  
*Trisetum spicatum*

### Lily family (*Liliaceae*):

nodding onion  
wild hyacinth  
cat's ear  
camas  
queencup  
glacier lily  
yellow bells  
leopard lily  
western false Solomon's seal  
starry false Solomon's seal  
twisted stalk  
trillium  
false hellebore  
beargrass  
common death-camas

*Allium cernuum*  
*Brodiaea douglasii*  
*Calochortus elegans*  
*Camassia quamash*  
*Clintonia uniflora*  
*Erythronium grandiflorum*  
*Fritillaria pudica*  
*Fritillaria atropurpurea*  
*Smilacina racemosa*  
*Smilacina stellata*  
*Streptopus amplexifolius*  
*Trillium ovatum*  
*Veratrum viride*  
*Xerophyllum tenax*  
*Zigadenus venenosus*

### Orchid family (*Orchidaceae*):

fairyslipper  
spotted coral-root  
mountain lady's slipper  
western rattlesnake-plantain

*Calypso bulbosa*  
*Corallorhiza maculata*  
*Cypripedium montanum*  
*Goodyera oblongifolia*

slender bog-orchid

*Habenaria saccata*



**Rush family (*Juncaceae*):**

wiregrass  
dagger-leaf rush  
Merten's rush  
Parry's rush  
sweeps' brush  
smooth woodrush

*Juncus balticus*  
*Juncus ensifolius*  
*Juncus mertensiana*  
*Juncus parryi*  
*Luzula campestris*  
*Luzula hitchcockii*

**Sedge family (*Cyperaceae*):**

northwest sedge  
elk sedge  
Merten's sedge  
Nebraska sedge  
black alpine sedge  
Ross' sedge  
beaked sedge  
common spike-rush  
small-fruited bulrush

*Carex concinnoides*  
*Carex geyerii*  
*Carex mertensiana*  
*Carex nebrascensis*  
*Carex nigricans*  
*Carex rossii*  
*Carex rostrata*  
*Eleocharis palustris*  
*Scirpus microcarpus*

Adapted from "Lackschewitz, L. 1991. Vascular plants of west-central Montana—identification guidebook. U.S.D.A. Forest Service, Intermountain Research Station. Gen. Tech. Rep. INT-277. Ogden, UT. 648."