

# RECOMMENDED SPECIES FOR NATIVE PLANT LANDSCAPING IN THE FLATHEAD VALLEY AREA

Thanks to the Kelsey Chapter of the Montana Native Plant Society who initially prepared this brochure for the Helena area. They graciously let the Flathead Chapter take their superb material, change a few details, and release it in this packet.

## CODES

### MOISTURE

mod. = moderate

### SOIL TYPES

med. = medium

org. = organic

tex. = texture

### A, B, P

A = Annual

B = Biennial

P = Perennial

### HEIGHT

in = inches

ft = feet

    means 'less than or equal to'

< means 'less than'

> means 'greater than'

### LEAVES, FLOWERS, FRUITS

E = evergreen

Bk = black

Bl = blue

Br = brown

Bz = bronze

G = green

Gy = grey

La = lavender

O = orange

Pi = pink

Pu = purple

R = red

W = white

Y = yellow

fl = flowers

    = female

### APPLICATION

ctrl. = control

tol. = tolerant

dioecious = male and female flowers borne on separate plants; you need both for fertilization

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**GRASSES**

Common Name	Scientific Name	Moisture	Light	Soil Type	A, P	Height	Bunchgrass or Sod Former	Application / Description	Wildlife
bluegrass, alpine	<i>Poa alpina</i>	moist	full sun	all types	P	< 12 in	Bunchgrass	good in high elevation	
bluegrass, Canby's	<i>Poa canbyi</i> ( <i>P. secunda</i> )	dry	full sun	all types	P	30 in	Bunchgrass	greens early in spring	
bluegrass, Sandberg's	<i>Poa sandbergii</i> ( <i>P. secunda</i> )	drought tolerant	full sun	sand to loam; well drained	P	24 in	Bunchgrass	okay in sagebrush	birds; small mammals
bottlebrush squirreltail	<i>Elymus elymoides</i> ( <i>Sitanion hystrix</i> )	dry	full sun	thin or deep	P	18 in	Bunchgrass	establishes easily on disturbed sites	
brome, mountain	<i>Bromus carinatus</i> ( <i>B. marginatus</i> )	moist	partial to full sun	well drained	P		Bunchgrass	good in high elev. & on disturbed sites	
fescue, Idaho	<i>Festuca idahoensis</i>	dry	full sun	loam to clay	P	24 in	Bunchgrass	blue-green leaves	
fescue, rough	<i>Festuca scabrella</i>	dry	full sun	deep, sandy loam	P	36 in	Bunchgrass	long, rough leaves	
hairgrass, tufted	<i>Deschampsia cespitosa</i>	moist to wet	partial to full sun	loam to clay	P	36 in	Bunchgrass	good above 5000 ft.	
junegrass, prairie	<i>Koeleria macrantha</i> ( <i>K. cristata</i> )	dry; drought tolerant	full sun	sand to loam; well drained	P	18 in	Bunchgrass	fluffy seed heads; disturbed sites	
needle-and-thread	<i>Stipa comata</i>	drought tolerant	full sun	coarse texture; well drained	P	30 in	Bunchgrass	establishes on disturbed sites	seeds may bother pets

**GRASSES**

Common Name	Scientific Name	Moisture	Light	Soil Type	A, P	Height	Bunchgrass or Sod Former	Application / Description	Wildlife
needlegrass, Columbian	<i>Stipa columbiana</i>	dry to medium; drought tolerant	partial to full sun	medium texture	P	30 in	Bunchgrass		
needlegrass, green	<i>Stipa viridula</i>	dry; mod. droughttolerant	full sun	loam to clay	P	36 in	Bunchgrass		seeds may bother pets
pinegrass	<i>Calamagrostis rubescens</i>	dry to moist	partial to full shade		P	12 in	Sod former	soft foliage; under conifer trees	
red three-awn	<i>Aristida purpurea</i>	drought tolerant	full sun	well drained	P	30 in	Bunchgrass	establishes easily; disturbed sites	
sweetgrass	<i>Hierochloe odorata</i>	wet	partial shade	loam to clay	P	24 in	Sod former	sweet smell; ceremonial	
ticklegass	<i>Agrostis scabra</i>	moist			P	24 in	Bunchgrass		
timothy, alpine	<i>Phleum alpinum</i>	moist	full sun	well drained	P	≤ 12 in	Bunchgrass	good in high elev. as well as low	
wheatgrass, bluebunch <b>Montana state grass</b>	<i>Pseudoroegneria spicata</i> ( <i>Agropyron spicatum</i> )	drought tolerant	full sun	sand to loam; non-alkaline	P	36 in	Bunchgrass	best on dry, south-facing slopes	

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Common Name	Scientific Name	Moisture	Light	Soil Type	A, P	Height	Bunchgrass or Sod Former	Application / Description	Wildlife
wheatgrass, slender	<i>Elymus trachycaulus</i> ( <i>Agropyron trachycaulum</i> )	dry to moist; mod. drought tolerant	partial to full sun	wide range; saline tolerant	P; 3-4 yrs.	36 in	Bunchgrass	good for quick, non- aggressive cover	
wheatgrass, streambank	<i>Agropyron riparium</i> ( <i>Elymus lanceolatus</i> )	dry with slight moist; drought tolerant		sand to loam	P		Sod former		
wheatgrass, thick spike	<i>Elymus lanceolatus</i> ( <i>Agropyron dasystachyum</i> )	dry to moist; drought tolerant		light to heavy; well drained alkaline soil	P	36 in	Sod former	establishes on sand dunes, alkali flats	
wheatgrass, Western	<i>Pascopyrum smithii</i> ( <i>Agropyron smithii</i> )	dry	full sun	clay to clay- loam; saline tolerant	P	24 in	Sod former	blue-green foliage	
wildrye, blue	<i>Elymus glaucus</i>	moist	partial to full shade	sand to loam	P	36 in	Bunchgrass	erosion control; blue- green foliage	birds
wildrye, Canada	<i>Elymus canadensis</i>	dry to moist	partial to full sun	light; tolerant of sand; well drained	P	48 in	Bunchgrass	establishes quick, easy cover	
wildrye, creeping	<i>Leymus triticoides</i> ( <i>Elymus triticoides</i> )	moist	full sun	tolerant of varying soil conditions, if sub-irrigated	P	12 in	Sod former	improves saline rangeland	

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Common Name	Scientific Name	Moisture	Light	Soil Type	A, P	Height	Bunchgrass or Sod Former	Application / Description	Wildlife
wildrye, Great Basin	<i>Leymus cinereus</i> ( <i>Elymus cinereus</i> )	winter mod. moist, summer dry; drought tolerant	full sun	loam to clay	P	6 ft	Bunchgrass	erosion control; short flood tolerant	wildlife cover; browse; birds

**WILDFLOWERS**

Common Name	Scientific Name	Moisture	Light	Soil Type	A ,B, P	Height	Leaves	Flowers	Fruits	Application	Wildlife
agoseric, pale	<i>Agoseris glauca</i>	mod. moist	full sun	loam	P	15 in		Y-O		meadows	
alumroot, roundleaf	<i>Heuchera cylindrica</i>	dry to mod. moist	partial to full sun	sandy loam; rocky	P	16 in	basal			rock garden	
anemone, cliff	<i>Anemone multifida</i>	dry to mod. moist	partial to full sun	rocky	P	15 in		W-Y		meadows; rock garden	
arnica	<i>Arnica cordifolia</i> , & <i>A. latifolia</i>	dry to mod. moist	partial to full shade	loam	P	20 in	heart-shaped	Y		under conifer trees; spreads	
arrowleaf balsamroot	<i>Balsamorhiza sagittata</i>	dry	partial to full sun	light; well drained	P	24 in	large, arrow-shaped	Y		border; medicinal	wildlife; browse
aster, smooth	<i>Aster laevis</i>	dry	partial to full sun	loam	P	3 ft		Pu		border; meadows	butterfly

**WILDFLOWERS**

Common Name	Scientific Name	Moisture	Light	Soil Type	A ,B, P	Height	Leaves	Flowers	Fruits	Application	Wildlife
avens, large-leaved	<i>Geum macropyllum</i>	moist	Partial to full shade	loam to clay	P	2 ft	hairy	Y	self-seeds	streambank; shady woods	
bitterroot Montana state flower	<i>Lewisia rediviva</i>	dry	full sun	sand to gravelly; well drained	P	3 in	whither before it flowers	showy; W to Pi to Rose		rock garden; no competition	
blanket flower	<i>Gaillardia aristata</i>	dry to moist	full sun	sand to loam; well drained	P	2 ft		showy; R, O, & Y		meadows; border; easy from seed	butterfly
bluebells, oblongleaf	<i>Mertensia oblongifolia</i>	moist in spring; dry in summer	partial to full sun	loam	P	7 in	blue-green	Bl		meadows	
blue-eyed grass, mountain	<i>Sisyrinchium montanum</i>	moist	partial to full sun	loam	P	10 in	grass-like	Bl-Pu		meadows	
cinquefoil	<i>Potentilla glandulosa</i> & <i>P. gracilis</i>	dry to mod. moist	full sun	rocky; well drained	P	< 1 ft.	mostly basal	Y		meadows	
columbine, yellow	<i>Aquilegia flavescens</i>	moist	partial to full shade	loam	P	15 in	delicate	Y			humming- bird
daisy, cut-leaved	<i>Erigeron compositus</i>	dry	full sun	sand; rocky	P	8 in		W	self-seeds	rock garden	
dogbane, spreading	<i>Apocynum androsaemifolium</i>	dry	partial to full sun	loam	P	28 in		Pi		erosion control; invasive	

**WILDFLOWERS**

Common Name	Scientific Name	Moisture	Light	Soil Type	A ,B, P	Height	Leaves	Flowers	Fruits	Application	Wildlife
dotted gayfeather; blazing star	<i>Liatriis punctata</i>	dry	full sun	sand to loam; well drained	P	18 in	dark G	Pu		meadows; drought tolerant; rock garden	
evening primrose, common	<i>Oenothera villosa</i>	dry	full sun	sand to loam	B	24 in		Y		disturbed areas	
evening primrose, desert; gumbo lily	<i>Oenothera caespitosa</i>	dry	full sun	sand to loam	P	5 in		W; fades next day		no competition; rock garden	wildlife; browse
fireweed	<i>Chamerion angustifolium</i> ( <i>Epilobium angustifolium</i> )	dry to mod. moist	full sun	loam	P	4 ft	willow- like	Pi		old burns; spreads	
flax, Lewis's blue	<i>Linum lewisii</i> (L. <i>perenne</i> )	dry to moist	partial to full sun	sand to loam	P	3 ft		light Bl	self-seeds	meadows; spreads	
fleabane, showy	<i>Erigeron speciosus</i>	dry to mod. moist	partial sun	coarse texture	P	24 in		La		meadows	
gentian, pleated	<i>Gentiana affinis</i>	moist	partial to full sun	loam	P	12 in		Bl-Pu		meadows	
geranium, sticky	<i>Geranium viscosissimum</i>	dry to mod. moist	full sun	sand to loam	P	3 ft		Pi-Pu		meadows	
geranium, white	<i>Geranium richardsonii</i>	dry to moist	partial to full shade	sand to loam	P	2 ft		W		meadows; open woods	

**WILDFLOWERS**

Common Name	Scientific Name	Moisture	Light	Soil Type	A ,B, P	Height	Leaves	Flowers	Fruits	Application	Wildlife
goldenrod, Canada	<i>Solidago canadensis</i>	moist	partial to full sun	sandy loam	P	< 3 ft.		Y		meadows; disturbed areas	
goldenrod, Missouri	<i>Solidago missouriensis</i>	moist to mod. moist	partial to full sun	sandy loam	P	< 20 in		Y		meadows; riparian	
hairy golden-aster	<i>Chrysopsis villosa</i> ( <i>Heterotheca villosa</i> )	dry	full sun	light to med. tex.	P	12 in		Y		spreads; rock garden	
harebell	<i>Campanula rotundifolia</i>	dry to mod. moist	partial to full sun	sand to loam	P	24 in		Bl-W		meadows	
hedysarum, northern	<i>Hedysarum boreale</i>	dry to mod. moist	full sun	medium texture	P	15 in	G-Gy; hairy	R-Pu	Pods	meadows	
hollyhock, wild	<i>Illiamna rivularis</i>	dry to moist	full sun	all types	P	< 6 ft	maple leaf shaped	Pl show y		disturbed areas w/ no competition	
Horsemint, bee balm	<i>Monarda fistulosa</i>	dry to mod. moist	partial to full sun	loam	P	3 ft	dark G; fragrant; edible	light Pu		easy to grow	butterfly; bees; humming- bird
kittentails, Wyoming	<i>Besseyia wyomingensis</i>	dry	full sun	loam	P	7 in		Pustamen & style		meadows; rock garden	Wyoming kittentails
larkspur, little	<i>Delphinium bicolor</i>	dry to mod. moist	full sun	loam	P	12 in		Pu		meadows; rock garden	humming- bird



**WILDFLOWERS**

Common Name	Scientific Name	Moisture	Light	Soil Type	A ,B, P	Height	Leaves	Flowers	Fruits	Application	Wildlife
locoweed, showy	<i>Oxytropis splendens</i>	moist	full sun	loam	P	15 in		Pu	Pods	meadows	
lupine, silvery & silky	<i>Lupinus argenteus</i> & <i>L. sericeus</i>	dry	partial to full sun	sand to loam	P	30 in	silvery G	Bl	Pods; self-seeds	meadows; spreads	
mint, field	<i>Mentha arvensis</i>	wet	partial to full sun	loam to clay	P	3 ft	aromatic edible	La		streamside; spreads	bees
monkeyflower, Lewis's	<i>Mimulus lewisii</i>	wet with flowing water	partial to full sun	loam to clay	P	2 ft		R		creeks; ponds; spreads	
onion, nodding	<i>Allium cernuum</i>	moist	partial to full sun	loam to clay	P	24 in	edible leaves & bulb	W-Pi		meadows	
pasqueflower	<i>Anemone patens</i>	moist, but tolerates dry	full sun	sand to loam; well drained	P	10 in	G; long hairs	Bl-Pu; Large	feathery seed	meadows; rock garden	
pearly everlasting	<i>Anaphalis margaritacea</i>	dry to slight moist	partial to full sun	sand to loam	P	24 in	G-Gy	W		meadows; fls. dry well	
penstemon, Alberta	<i>Penstemon albertinus</i>	dry to slight moist	partial to full sun	sand to loam	P	24 in	dark G & Pu	Bl		border	humming- bird
penstemon, fuzzy-tongue	<i>Penstemon eriantherus</i>	dry	full sun	light; sandy, gravelly	P	6 in	G-Gy	light Bl to La		rock garden	humming- bird
penstemon, shining	<i>Penstemon nitidus</i>	dry	full sun	coarse to med.	P	12 in		Bl to Pi		rock garden	humming- bird

**WILDFLOWERS**

Common Name	Scientific Name	Moisture	Light	Soil Type	A ,B, P	Height	Leaves	Flowers	Fruits	Application	Wildlife
penstemon, small-flowered	<i>Penstemon procerus</i>	dry; water in drought	partial to full sun	most types	P	20 in		dark Bl to Pu	self- seeds	rock garden	humming- bird
penstemon, yellow	<i>Penstemon confertus</i>	dry to moist	full sun	gravelly	P	< 20 in		W-Y		meadows; disturbed area	
phacelia, silverleaf	<i>Phacelia hastata</i>	dry	partial to full sun	sand	P	15 in	hairy	W-La		disturbed area; rock garden	
phacelia, silky	<i>Phacelia sericea</i>	dry	full sun	med. to coarse	P	< 15 in	hairy	La		rock garden	
polemonium, skunk-leaved; Jacob's ladder	<i>Polemonium pulcherrimum</i>	dry with slight moist	full sun	sand	P	12 in		vivid Bl		border; rock garden	
prairie smoke	<i>Geum triflorum</i>	dry to slight moist	full sun	loam	P	8 in		fls seem dark Pi; Y petals	feathery seed	rock garden; forms clumps	
Rocky Mountain douglasia	<i>Douglasia montana</i>	dry	full sun	sand	P	short cushion plant	G with red mounds	Pi to rose		rock garden	
sage, old man	<i>Artemisia ludoviciana</i>	dry to slight moist	full sun	med. texture	P	24 in	aromatic	not showy		erosion control; ceremonial	

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Common Name	Scientific Name	Moisture	Light	Soil Type	A ,B, P	Height	Leaves	Flowers	Fruits	Application	Wildlife
Solomon's seal, false	<i>Smilacina racemosa</i> ( <i>Maianthemum racemosa</i> )	moist	partial to full shade	loam	P	2.5 ft	lily-like	W	R	erosion control; streambank	
stonecrop, lance-leaved	<i>Sedum lanceolatum</i>	dry	full sun	rocky; thin soil	P	6 in	succulent	Y		rock garden	butterfly
stonecrop, roseroot	<i>Sedum roseum</i>	moist	full sun	rocky	P	< 4 in	succulent	R		rock garden	
townsendia, Parry's	<i>Townsendia parryi</i>	dry	full sun	sand to loam	B	10 in		violet-BI	self-seeds	rock garden	
twinpod, common	<i>Physaria didymocarpa</i>	dry	full sun	sand	BP	6 in	basal	Y	Pods; self-seeds	rock garden	
vaseflower; sugar bowl	<i>Clematis hirsutissima</i>	dry to slight moist	partial to full sun	loam	P	10 in		showy; Pu	feathery seed	meadows; rock garden	
vetch, American	<i>Vicia americana</i>	dry to slight moist	partial to full sun	sand to clay	P	3 ft		Pu		climbs; trails	
violet, yellow prairie	<i>Viola nuttallii</i>	dry	partial to full sun	loam to clay	P	4 in		Y		meadows; rock garden	
yarrow	<i>Achillea millefolium</i>	dry to slight moist	partial to full sun	sand to loam	P	24 in	G-Gy	W	self-seeds	meadows; medicinal	butterfly
yellow bell	<i>Fritillaria pudica</i>	dry	partial to full sun	med. loam	P	5 in	G; grass-like	Y		meadows	

**GROUNDCOVERS**

Common Name	Scientific Name	Moisture	Light	Soil Type	A, B, P	Height	Leaves	Flowers	Fruits	Application	Wildlife
bunchberry	<i>Cornus canadensis</i>	moist	partial to full sun	sandy loam	P	≤ 6 in	showy	W	R	under conifer trees	birds (berry)
buckwheat, sulfur	<i>Eriogonum umbellatum</i>	dry to moist	partial to full sun	med. to coarse	P	12 in	basal	cream to Y		rock garden	butterfly
juniper, creeping	<i>Juniperus horizontalis</i>	dry	partial to full sun	sandy, rocky	P	12 in	G-E		G to Bl; edible	border; erosion control	birds (berry)
kinnikinnick	<i>Arctostaphylos uva-ursi</i>	dry to moist	partial to full sun	med. coarse	P	< 6 in	G-E	W-Pi	R	erosion control; medicinal	birds
Oregon grape, creeping	<i>Berberis repens</i> ( <i>Mahonia repens</i> )	dry	full sun	med. coarse	P	12 in	G to R in fall; E	Y	Bl; edible	erosion control; medicinal	birds (berry)
pussy-toes, field	<i>Antennaria howellii</i> ( <i>A. neglecta</i> )	dry	partial to full sun	fine to medium	P	≤ 6	G	cream	R	rock garden; forms mats	
pussy-toes, Nuttall's	<i>Antennaria parvifolia</i>	dry	full sun	fine to coarse	P	6 in		W-Pi; dioecious		rock garden; forms mats	
pussy-toes, rosy	<i>Antennaria rosea</i> ( <i>Amicrophylla</i> )	dry	full sun	fine to coarse	P	10 in		W-Pi; dioecious		rock garden; forms mats	

**GROUNDCOVERS**

Common Name	Scientific Name	Moisture	Light	Soil Type	A, B, P	Height	Leaves	Flowers	Fruits	Application	Wildlife
pussy-toes, umber	<i>Antennaria umbrinella</i>	dry	full sun	fine to coarse	P	5 in		W-Br; dioecious		rock garden; forms mats	
wild strawberry	<i>Fragaria virginiana</i>	dry to moist	partial to full sun	tolerant of poor soil	P	5 in	G to R in fall	W	R; edible		birds (fruit)
twinflor	<i>Linnaea borealis</i>	moist to more moist	partial to full shade	high organic	P	< 6 in	G-E	pair of Pi flowers		under conifer trees	
whortleberry, grouse	<i>Vaccinium scoparium</i>	moist	partial to full sun	acidic okay	P	12 in	R in fall	Pi	R-Pu; edible	under conifer trees	birds (berry)

**SHRUBS**

Common Name	Scientific Name	Moisture	Light	Soil Type	A,B,P	Height	Leaves	Flowers	Fruits	Application	Wildlife
alder, mountain	<i>Alnus incana</i>	moist, likes cold water	partial to full sun	loam to clay	P	30 ft	G to Y in fall			erosion control; aggressive	bees
buffaloberry, Canada	<i>Shepherdia canadensis</i>	mod. moist	partial to full sun	sand to loam	P	6 ft	G; rusty dots	Br to Y; dioecious	Y to R ( )		birds (berry)
cherry, pin	<i>Prunus pensylvanica</i>	dry to moist	partial to full sun		P	25 ft		W	R		browse; birds (berry); bees

**SHRUBS**

Common Name	Scientific Name	Moisture	Light	Soil Type	A,B,P	Height	Leaves	Flowers	Fruits	Application	Wildlife
chokecherry, common	<i>Prunus virginiana</i>	dry to some moisture	partial to full sun	sand to loam	P	15 ft	G to R in fall	W	R to Bk; edible	forms clumps; drought tolerant	birds (berry); bees; browse
cinquefoil, shrubby	<i>Pentaphylloides floribunda</i> ; ( <i>Potentilla fruticosa</i> ; <i>Dasiphora fruticosa</i> )	dry to moist	partial to full sun	sand to loam	P	4 ft	G-Gy	Y		border	
dogwood, red-osier	<i>Cornus sericea</i> ( <i>C. stolonifera</i> )	moist	partial to full sun	loam to clay	P	10 ft	R-Pu in fall; stems R	W	W to pale Bl	erosion control; forms clumps	browse; birds
elderberry, black	<i>Sambucus racemosa</i>	moist	partial sun	rich, rocky	P	6 ft		W	Bk; edible, if cooked	medicinal	bees; birds; bears (berry)
elderberry, blue	<i>Sambucus cerulea</i>	moist	full sun to full shade	sand to clay	P	10 ft	bright G	W	Bl; edible	medicinal	bees; birds (berry)
hawthorn, black	<i>Crataegus douglasii</i>	moist	partial to full sun	sand to loam	P	20 ft	fall colors; thorns	W	Bk; edible	erosion control; hedge; medicinal	birds (berry)
juniper, common	<i>Juniperus communis</i>	dry	full sun	sand to loam; rocky	P	5 ft	G-E		G to Bl; edible	border; erosion control; medicinal	birds (berry)

**SHRUBS**

Common Name	Scientific Name	Moisture	Light	Soil Type	A,B,P	Height	Leaves	Flowers	Fruits	Application	Wildlife
maple, Rocky Mountain	<i>Acer glabrum</i>	mod. moist	partial to full shade	sand to loam	P	30 ft	fall colors; red stems				birds; bees
mock orange, Lewis's; syringa	<i>Philadelphus lewisii</i>	dry to some moisture	partial to full sun	alkaline; sand to loam	P	7 ft	G to Y in fall	W; frag- rant		Ornamental; drought tolerant	birds (fruit); browse
mountain boxwood	<i>Paxistima myrsinites</i>	mod. moist	partial to full sun	slightly acidic	P	≤ 3 ft	E	R	Br		
snowbrush	<i>Ceanothus velutinus</i>	dry to moist	full sun	light to med. loam	P	10 ft	gloss y; EW			nitrogen fixer; old burns	browse
mountain-ash, Sitka	<i>Sorbus sitchensis</i>	moist	partial sun	loam to clay; rich	P	15 ft	fall color	W	R		birds (berry)
ninebark	<i>Physocarpus malvaceus</i>	dry	partial to full sun	sand to clay; well drained	P	6 ft		W		erosion control	
ocean spray	<i>Holodiscus discolor</i>	moist	partial to full sun	sand to loam	P	10 ft		groups of W fl.			
penstemon, bush	<i>Penstemon fruticosus</i>	dry to some moisture	partial to full sun	sand to loam; well drained	P	2 ft		Bl-Pu		border	Humming- bird
raspberry, red	<i>Rubus idaeus</i>	mod. moist	partial to full sun	sand to clay	P	3-6 ft	thorns	W	R; edible	good in disturbed areas	wildlife (fruit)

**SHRUBS**

Common Name	Scientific Name	Moisture	Light	Soil Type	A,B,P	Height	Leaves	Flowers	Fruits	Application	Wildlife
rose, prairie	<i>Rosa arkansana</i>	dry	full sun	loam	P	4 ft	thorns	deep Pi	R; edible	erosion control	wildlife; bees
rose, Wood's	<i>Rosa woodsii</i>	moist	partial to full sun	sand to loam	P	7 ft	thorns	Pi	R; edible	hedge; spreads	bees; birds (rosehip)
sagebrush, big	<i>Artemisia tridentata</i>	dry	full sun	sand to clay; well drained	P	6 ft	G-Gy; aromatic; E	Y		drought tolerant; ceremonial	wildlife; browse; birds
sagebrush, fringed	<i>Artemisia frigida</i>	dry	full sun	med. coarse texture	P	15 in	G-Gy; aromatic; E			drought tolerant; ceremonial	
serviceberry, western	<i>Amelanchier alnifolia</i>	mod. moist	partial to full sun	sand to loam	P	15 ft	deep G; Y-R in fall	W	Bl-Bk; edible	erosion control	wildlife; birds (berry)
snowberry, common	<i>Symphoricarpos albus</i>	dry to moist	partial to full sun	gravelly; sand to loam; well drained	P	4 ft		Pi-W	W	erosion control; spreads; drought tolerant	birds (berry); browse
spiraea, rosy	<i>Spiraea densiflora</i>	moist	partial sun	rocky slopes	P	5 ft		Pi-R			
spiraea, white; shiny-leaf	<i>Spiraea betulifolia</i>	moist	partial to full sun	sand to loam	P	1.5 ft		light G	W	spreads	
thimbleberry	<i>Rubus parviflorus</i>	dry to moist	full sun to full shade	sand to loam	P	6 ft	G; large	W	R; edible	stream-side	wildlife (fruit)



**SHRUBS**

Common Name	Scientific Name	Moisture	Light	Soil Type	A,B,P	Height	Leaves	Flowers	Fruits	Application	Wildlife
twinberry, black; honeysuckle	<i>Lonicera involucrata</i>	moist	partial to full shade	sand to loam	P	5 ft		Y	Bk	stream- side	wildlife (fruit)
willow, Bebb	<i>Salix bebbiana</i>	moist to wet	full sun to full shade	deep & fine	P	15 ft	R-Pu twigs	dioecious		erosion control	browse; bees
willow, Booth	<i>Salix boothii</i>	moist to wet	partial to full sun	deep & fine	P	20 ft	G both sides	dioecious		erosion ctrl; higher elevations	browse; bees
willow, sandbar	<i>Salix exigua</i>	moist to wet	partial to full sun	sand to loam; alluvial	P	13 ft	G both sides	dioecious		erosion control; forms clumps	browse; bees

**TREES**

Common Name	Scientific Name	Moisture	Light	Soil Type	A,B,P	Height	Leaves	Flowers and Fruits	Application	Wildlife
aspen, quaking	<i>Populus tremuloides</i>	very moist	partial to full sun	loam to clay	P	40 ft	G to Y in fall	dioecious catkins	shade; clumps	birds; browse
birch, paper	<i>Betula papyrifera</i>	moist	full sun	tolerant of varying soil conditions	P	45 ft	G to Y in fall	slender M & F catkins	shade, ornamental	birds, squirrels
cottonwood, black	<i>Populus balsamifera</i> ( <i>P.trichoocarpa</i> )	very moist	full sun	tolerant of varying soil conditions	P	120 ft	G to Y in fall	pendant M & F catkins	shade	browse, bees

TREES										
Common Name	Scientific Name	Moisture	Light	Soil Type	A,B,P	Height	Leaves	Flowers and Fruits	Application	Wildlife
fir, Douglas	<i>Pseudotsuga menziesii</i>	dry to moist	full sun	med. coarse	P	175 ft	E	cone	wind- break	
juniper, Rocky Mountain	<i>Juniperus scopulorum</i>	dry	full sun	sand to clay	P	20 ft	E	fruits: G to Bl	drought tolerant; wind break	birds (berry); browse
larch, western	<i>Larix occidentalis</i>	dry	full sun	gravel, sand, and loam	P	≤ 165 ft	Y	cone		pileated woodpeckers, ants
pine, lodgepole	<i>Pinus contorta</i>	dry to mod. moist	full sun, but cool	sand to loam; well drained	P	82 ft	E	cone		squirrels, birds (seed)
pine, ponderosa <b>Montana state tree</b>	<i>Pinus ponderosa</i>	dry	full sun	sand to clay; alkaline tolerant; well drained	P	115 ft	E	cone	drought & wind tolerant	birds (seed); browse
pine, white	<i>Pinus monticola</i>	moist	full to partial sun	sand to clay loam; acidic	P	≤ 165	E	cone	shade tolerant	squirrels
spruce, Engelmann	<i>Picea engelmannii</i>	moist	partial sun	loam	P	165 ft	E	cone	wind break	birds

VINES										
Common Name	Scientific Name	Moisture	Light	Soil Type	A,B,P	Height	Leaves	Flow ers	Fruits	Application

clematis, Columbia	<i>Clematis columbiana</i>	slight moist	full shade to full sun	med. loam	P	20 ft	3 -parted	BI-Pu	feathery seed	climbs; trails
western virgins-bower	<i>Clematis ligusticifolia</i>	dry to slight moist	partial to full sun	med. loam	P	20 ft	> 3 - parted	W	feathery seed	climbs; trails