





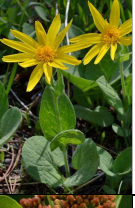
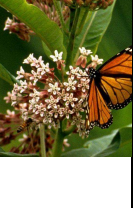










Cultural Tables for PINP's Plant List:

* Any plant that has a precipitation that is equal to or less than 14"+ is drought tolerant.

| Picture | Scientific Name | Common Name | Precip | Light | Color/ Size | Bloom Season | Wildlife Value | Additional Remarks |
|--|---|--------------------|--------|---------------------|---|--------------|---|--|
| <u>Wildflowers</u> | | | | | | | | |
|  | <i>Achillea millefolium var. occidentalis</i> | Western Yarrow | 8"+ | Full sun-part shade | White 12-40" tall | Jun-Sept | Beneficial to over 8 species of birds, and attracts pollinators such as bees, butterflies, hummingbirds for nectar. | <ul style="list-style-type: none"> - Tolerates most soils, medium textured. - Drought tolerant - Deer resistant - Supports conservation biological control. - Blackfoot/Winnebago: Used for eyewash, itch relief, toothaches, and cold remedy - Edible |
|  | <i>Agastache urticifolia</i> | Nettle-Leaf Hyssop | 20"+ | Full sun-part shade | Blooms are purplish bracts 12-40" tall | May-Aug | Provides nectar for bees and butterflies, especially the Monarch. | <ul style="list-style-type: none"> - Prefers Loam-Clay type soil - Native Americans used leaves for colds, fevers, measles and rheumatism |
|  | <i>Agoseris glauca</i> | False Dandelion | 10"+ | full sun | Yellow blooms 1-3' tall | Mid-spring | Provides nectar for bees, butterflies, and other pollinators. | <ul style="list-style-type: none"> - Adapts well to most soil types - Native Americans used roots for sores and rashes and used milky latex as chewing gum |

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|---|-------------------------------|--------------------|------|---------------------|-------------------------------|------------|---|--|
|  | <i>Anaphalis margaritacea</i> | Pearly Everlasting | 10"+ | Full sun-part shade | White blooms 1-3 feet tall | Jun-Oct | Provides nectar for a variety of butterflies | <ul style="list-style-type: none"> - Loves dry, sandy, and gravelly soil - Native Americans used infusions to treat colds and headaches, and they used it as a ceremonial item and for their horses many different purposes. |
|  | <i>Antennaria microphylla</i> | Pussytoes | 12"+ | full sun | White 3-12" tall | Mid-Spring | Provides nectar for bees, butterflies and other pollinators | Ideal for dry to moist soils |
|  | <i>Arnica angustifolia</i> | Arnica | 12"+ | full sun | Yellow blooms 2-20" tall | Jul-Aug | Provides nectar for bees | Loves Dry, Sandy, or rocky soils |
|  | <i>Arnica cordifolia</i> | Heartleaf Arnica | 10"+ | part shade | Yellow Blooms 1-3' tall | May-Aug | Provides nectar for bees | <ul style="list-style-type: none"> - Dry to moist soils - Native Americans used infusions and poultices for many different things and they used the roots as a love medicine |
|  | <i>Asclepias speciosus</i> | Showy Milkweed | 16"+ | full sun-part shade | Pink 36" tall | Jun-Jul | Host plant for the Monarch butterfly! Also provides nectar for a host of pollinators! | <ul style="list-style-type: none"> - Loved by a multitude of birds, including Hummingbirds! - Adapted to a wide variety of soils |


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|---|------------------------------|-------------------|------|----------------------|--------------------------------------|------------|---|---|
|  | <i>Astragalus canadensis</i> | Canada Vetch | 20"+ | full sun | White Blooms 6" | Mid Summer | Provides nectar for bees and hummingbirds | <ul style="list-style-type: none"> - Prefers medium textured soils. - Potentially toxic to humans and animals - Nectar source for Western Tailed Blue butterflies, along with a host for their larvae. |
|  | <i>Astragalus drummondii</i> | Woolly Milkvetch | 10"+ | full sun | White, Purple Blooms 12-32" tall | Jun-Jul | Provides nectar for a host of butterflies and bees | <ul style="list-style-type: none"> - Prefers sand and clay soil. - Adult food source for the Rhesus skipper Moth |
|  | <i>Astragalus utahensis</i> | Utah Vetch | 8"+ | full sun | Pink, Violet wide, 4-8" | Apr- Jun | Provides nectar for bees and butterflies | Prefers sandy and clayey soil. |
|  | <i>Aster laevis</i> | Smooth Blue Aster | 20"+ | full sun- part shade | Purple 12-39" | Aug- Oct | Helps with pollinator diversity; including bees, butterflies, and more. | Wide adaptation to most soils |
|  | <i>Aquilegia canadensis</i> | Red Columbine | 15"+ | partial shade | Red, Yellow, and Pink 20-30" tall | Feb-Jul | Helps promote pollinator diversity by providing nectar to bees, butterflies, and hummingbirds | <ul style="list-style-type: none"> - Prefers Sandy loamy, well drained soils - Native Americans made many infusions for many different purposes and used seeds for love medicine |






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|---|--------------------------------|---|---------------|------------------------|-------------------------------------|---------------------|--|---|
|  | <i>Aquilegia coerulea</i> | Rocky Mountain Columbine (Blue Columbine) | 20"+ | full sun-part shade | Blueish purple blooms 18-24" | Jun-Aug | Provides nectar for hummingbirds | Likes moist, rocky soils |
|  | <i>Aquilegia elegantula</i> | Western Red Columbine | 15"+ | full sun-part shade | Red, Yellow, and Green 1-3' tall | May-Jul | Provides nectar for bees and butterflies | - Likes Medium texture to moderately coarse, moderate moisture soils - Keres Tribe: used infusion of plant as a blood purifier |
| Picture | | | | | | | | |
| | Scientific Name | Common Name | Precip | Light | Color/ Size | Bloom Season | Wildlife Value | Additional Remarks |
| <u>Wildflowers</u> | | | | | | | | |
|  | <i>Castilleja linariifolia</i> | Wyoming Paintbrush | 8"+ | full sun-partial shade | Red 12-24" tall, 12" wide | Jul-Aug | Provides nectar for butterflies, bees, and hummingbirds | - Loves well drained and low moisture soils - Native Americans used it for stomach aches, as a contraceptive and the beauty of the flower was used in ceremonies and rituals |
|  | <i>Castilleja sulphurea</i> | Sulfur Paintbrush | 18"+ | full sun | Yellow, 6-14" tall | Jul-Aug | food source for hummingbirds | Likes Sandy, Loamy soil |
|  | <i>Cheiranthus allionii</i> | Wallflower | 18"+ | full sun-part shade | Orange 10-18" tall | Late Spring | Helps provide Pollinator Diversity with bees, butterflies, moths and more! | Adapted to a wide range of soils. |





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|  | <i>Cleome serrulata</i> | Rocky Mountain Bee Plant | 13"+ | full sun-part shade | Pink Purple 6-48" tall | Aug-Sept | Attracts pollinators such as bees and butterflies! | - Prefers medium textured, well-drained soils. - Edible |
|  | <i>Coreopsis lanceolatum</i> | Lance-leaf Tickseed | 16"+ | full sun-part shade | Yellow 2-3' tall | Apr-Jun | Provides nectar and attracts butterflies | Likes sandy gravelly, loamy soils |
|  | <i>Coreopsis tinctoria</i> | Golden Tickseed | 20"+ | full sun-part shade | Yellow Red 1-3' tall | Apr-Jun | Attracts pollinators such as bees and butterflies | - Is a food source for granivorous birds. - Prefers moist and sandy soil. |






| Picture | Scientific Name | Common Name | Precip | Light | Color/ Size | Bloom Season | Wildlife Value | Additional Remarks |
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Wildflowers





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|---|----------------------|----------------------|------|---------------------|--------------------|---------|---|--|
|  | <i>Dalea candida</i> | White Prairie Clover | 10"+ | full sun-part shade | White 2-3' Tall | Jun-Jul | Contributes to pollinator diversity such as humming birds and bees. Attracts monarch butterflies. | This is part of the legume family. The legume family also known as the pea family helps raise the nitrogen levels in the soil benefiting other plants. |
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|  | <i>Dalea purpurea</i> | Purple Prairie Coneflower | 14"+ | full sun-part shade | Purple, 8-30" tall | Jun-Aug | Wood warbler, waxwings, mockingbirds, thrashers, vireos, orioles, sparrows | <ul style="list-style-type: none"> - Best in medium textured to moderately coarse soils - Native Americans used leaves for tea. They used the roots for medicinal purposes and as chewing gum |
|  | <i>Delphinium ramosum</i> | Showy Larkspur | 15"+ | full sun-part shade | Blue, 2-40" tall, 12-24" wide | Jun-Aug | Provides nectar for bees and hummingbirds | <ul style="list-style-type: none"> - Prefers sand-loamy soil. - Plants of the genus Delphinium should never be ingested by humans, pets or livestock as they contain toxins. |
|  | <i>Delphinium virescens</i> | Prairie Larkspur | 8"+ | full sun | white, pale pink 20-48" tall, 4-8" wide | Apr-May | Attracts bumble bees | <ul style="list-style-type: none"> - Plants of the genus Delphinium should never be ingested by humans, pets or livestock as they contain toxins. - Likes various mesic to dry, limey soils |
|  | <i>Echinacea angustifolia</i> | Purple Coneflower | 12"+ | full sun | Pink or Purple 12-24" tall, 12-18" wide | Jul-Aug | <ul style="list-style-type: none"> - Green sweet bee, longhorn bee. | <ul style="list-style-type: none"> - Northern Cheyenne: Medicinally used for sore mouth, gums, or throat. Parts of the plant used were the roots and the leaves. - Deer resistant |
|  | <i>Echinacea pallida</i> | Pale Purple Coneflower | 14"+ | full sun-part shade | Lavender 1' tall | Summer | Contributes to pollinator diversity such as hummingbirds and bees. | <ul style="list-style-type: none"> - Northern Cheyenne: Roots were used for many different medicinal purposes - Likes medium soil |




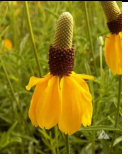


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|--|-----------------------------|---------------------|------|-----------------------|---------------------------|----------|---|--|
|  | <i>Erigeron glacialis</i> | Sub-Alpine Fleabane | 14"+ | full sun | blue or pink, with yellow | Jul-Sep | Attracts a variety of bees. | - Spreads from underground roots - Likes medium textured to moderately coarse, well-drained |
|  | <i>Erigeron speciosus</i> | Showy Fleabane | 14"+ | full sun-part shade | white or pinkish lavender | Jun-Aug | - Attracts bees and butterflies | - Likes medium textured to moderately coarse, well-drained soil - This is a slightly toxic plant to dogs, cats and horses |
| Picture Scientific Name Common Name Precip Light Color/ Size Bloom Season Wildlife Value Additional Remarks | | | | | | | | |
| <u>Wildflowers</u> | | | | | | | | |
|  | <i>Eriogonum umbellatum</i> | Sulfur Flower | 8"+ | full sun - part shade | Yellow | Jun-Sept | Seeds provide food sources for wildlife. Flowers produce nectar that attracts butterflies and bees. | - Beautiful fall color changing from yellow to pink-ish - Deer resistant |
|  | <i>Erysimum capitatum</i> | Western Wallflower | 12"+ | full sun | yellow, orange, or red | May-Jul | Important food source many wildlife including the caterpillars for a variety of butterflies and moths | - Likes dry, well drained soils - Infusion of whole plants can be used externally for muscle aches |






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|---|---|---------------------------|------|---------------------|--|----------|---|--|
|  | <i>Gaillardia aristata</i> | Blanket Flower | 10"+ | full sun | yellow, orange, or red 8-28" tall, 12" wide | Jun-Sept | <ul style="list-style-type: none"> - Attracts bees, birds and butterflies - Foliage and associated insects are a food source of sage grouse and sharp tail grouse | <ul style="list-style-type: none"> - Some historic medical uses of the Blanket flowers were to treat many ailments and infusions of roots and leaves to relieve upset stomachs and to treat saddle sores on horses. - Deer resistant |
|  | <i>Gaillardia aristata</i> 'Meriwether' | Meriwether Blanket Flower | 10"+ | full sun | yellow, orange, or red 10-24" tall | Apr-Sept | <ul style="list-style-type: none"> - Attracts bees and butterflies - Foliage and associated insects are a food source of sage grouse and sharp tail grouse | <ul style="list-style-type: none"> - Likes well drained soils - Blackfoot: Made many infusions and poultices for many medicinal purposes |
|  | <i>Geranium viscosissimum</i> | Sticky Purple Geranium | 12"+ | full sun-part shade | Pinkish-Lavender 15-30" tall | Jun-Aug | <ul style="list-style-type: none"> Yellow faced bees are especially attracted to this plant. | <ul style="list-style-type: none"> - Likes medium textured, well drained soils - Native Americans used infusion of leaves for sores, sore eyes and colds. It was also used as a love charm or love potion. |
|  | <i>Geum triflorum</i> | Prairie Smoke | 12"+ | full sun | Pink or Purple 4-12" tall | Jul-Sept | <ul style="list-style-type: none"> Attracts bees and butterflies | <ul style="list-style-type: none"> - Adapted to a variety of well drained soils - Blackfoot: Used leaves and roots for many medicinal purposes |
|  | <i>Hedysarum boreale</i> | Utah Sweet Vetch | 12"+ | full sun | Red, Pink, or Purple 1-3" tall | Apr-Aug | <ul style="list-style-type: none"> Attracts butterflies | <ul style="list-style-type: none"> - Likes rocky or sandy soil - Some Native Americans tribes considered this plant poisonous while other tribes used it as a food source as the roots taste like licorice. |


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|---|-------------------------------|----------------------|------|---------------------|------------------------------------|-----------------|--|---|
|  | <i>Helianthus annuus</i> | Annual Sunflower | 12"+ | full sun | Yellow 24-72" tall, 24-72" wide | Summer | - Attracts coleoptera, diptera, hymenoptera and lepidoptera - Supports a variety of birds | - Grows in a wide range of soils - Native Americans prized the seeds as a food source and used the flower for medicinal purposes |
|  | <i>Helianthus maximiliani</i> | Maximilian Sunflower | 14"+ | full sun | Yellow 5-7' tall | Sept- early Oct | Attracts bees and butterflies | - This flower was named for the naturalist Prince Maximilian of Wied-Neuwied, Germany, who led an expedition into the American West in the 1830s. - Deer resistant - Sioux: Used as food source |
|  | <i>Heliomeris multiflora</i> | Showy Goldeneye | 18"+ | full sun | Yellow 1-2' tall | Jul-Oct | Attracts bees, butterflies and humming birds | - Likes well drained, loamy soils - The Navajo designated this plant as a witchcraft plant and used it as food for sheep and deer. |
|  | <i>Ipomopsis aggregata</i> | Scarlet Gilia | 6"+ | full sun-part shade | Red 6-24" tall, 18" wide | Jun-Aug | This is a main hummingbird attractor and is mostly pollinated by hummingbirds | - Likes medium textured to coarse soil - Native Americans used this for many medicinal purposes |
|  | <i>Liatris punctata</i> | Dotted Gayfeather | 10"+ | full sun | Deep Pink 4-24" tall, 5" wide | Aug-Sept | Attracts bees and supports a variety of birds | - Deer resistant - Likes medium textured, well drained soils |



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|--|-----------------------------|---------------------------------|------|----------------------------|---|----------|---|--|
|  | <i>Linium lewisii</i> | Blue flax | 10"+ | full sun- part shade | Blue 10-24" tall, 18" wide | Jun-Aug | Good for pollinators, especially bees. Provides cover | - Hardy perennial. Moderately fast growing - Deer resistant - Medicinal and edible |
|  | <i>Lupinus sericeus</i> | Silky Lupine | 10"+ | full sun- part shade | Blue with White or Yellow 25-50" tall | Jun-Jul | Attracts native bees and hummingbirds | - Toxic to livestock - Adapted to a broad range of soil textures |
|  | <i>Monarda fistulosa</i> | Beebalm | 20"+ | full sun- part shade | Purple 12-24" tall | Jul- Aug | Provides nectar for bees and butterflies including the monarch butterfly | - Dried leaves and flowers can be used as a tea or cooking spice. - Adapted to a wide range of soils |
|  | <i>Oenothera caespitosa</i> | Stemless Evening Primrose | 8"+ | full sun- part shade | White and pale Rose 2-4" tall, 6- 8" wide | Jun-Aug | Flowers bloom in the evening and stay open all night which makes this a great food source for large night flying insects like hawk moths | - Likes sandy-loamy soil - Grows well in poor soils and requires little water |





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|  | <i>Penstemon grandiflorus</i> | Beard-tongue Penstemon | 10"+ | full sun | 2'-4' tall | May- Jun | Attracts: butterflies and hummingbirds Is a host plant. Deer Resistant | - Prefers dry sand and gravelly soils - Native Americans used decoctions of the leaves and roots for stomach aches, chest pains, chills and fevers |
|  | <i>Penstemon eatonii</i> | Firecracker Penstemon | 10"+ | full sun-part shade | Red 36" tall | May-Jun | Attracts pollinators such as hummingbirds, bees, and butterflies | - Preferred soil type is fine textured soils to coarse soils - Used by the Navajo and other tribes for many medicinal purposes |
| Picture | Scientific Name | Common Name | Precip | Light | Color/ Size | Bloom Season | Wildlife Value | Additional Remarks |
| <u>Wildflowers</u> | | | | | | | | |
|  | <i>Penstemon procerus</i> | Small Flower Penstemon | 14"+ | full sun | Blue, Purple 6-18" tall | Late Spring - Summer | Attracts Bees, butterflies and hummingbirds | Adapted to moist soils |
|  | <i>Penstemon nitidus</i> | Waxleaf Penstemon | 12"+ | full sun | Blue 8-12" tall | May-Jun | Attracts hummingbirds, birds and butterflies | Likes sandy-clayey soil |
|  | <i>Penstemon rydbergii</i> | Ryberg's Penstemon | 15+ | full sun-part shade | Purple/pale indigo 16" tall | Jun-Aug | Attracts butterflies, bees and hummingbirds | Likes moderately fine to medium textured soil |





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|  | <i>Penstemon strictus</i> | Rocky Mountain Penstemon | 15"+ | full sun-part shade | Purple/ Blue 18-30" tall, 12-36" wide | May- Jun | Attracts pollinators such as hummingbirds and bees. | - Deer resistant - Likes moderately fine to coarse soil |
|  | <i>Phacelia hastata</i> | Silverleaf Phacelia | 15"+ | full sun-part shade | White 10-30" tall | May- Sept | Attracts bees | Likes sany to gravelly soil |
|  | <i>Pulsatilla patens</i> | Pasque Flower | 16"+ | full sun-part shade | White, Blue, Purple 4-12" tall | Apr-Jun | Attracts bees | - Likes coarse, loamy soil - Used medicinally by Native Americans as they used it for tea, aromatherapy and poultices - A fresh plant contains a bitter oil called protoanemonin that is toxic. The plant should not be used medicinally until it has dried completely and th oil breaks down into its harmless components |
|  | <i>Ratibida columnifera</i> | Yellow Prairie Coneflower | 16"+ | full sun | Yellow 12-36" tall | Jun- Sept | Attracts butterflies, bees and a variety of birds | - Deer resistant - Adapted to a range of well drained soils |
|  | <i>Rudbeckia hirta</i> | Black-eyed Susan | 18"+ | full sun | Yellow 12" tall | Jun-Oct | Attracts coleoptera, diptera, hymenoptera and bees | - Deer resistant - Adapted to moist to dry, well-drained soils |
|  | <i>Sedum lanceolatum</i> | Stonecrop | 6"+ | full sun | Yellow 2-8" tall | Jul-Aug | Good for pollinators | The <i>Sedum lanceolatum</i> belongs to the succulent family. It requires very little water and does good in rocky to fine soils. |






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|---|------------------------------|--------------------------|------|---------------------|---|------------------|--|---|
|  | <i>Solidago canadensis</i> | Goldenrod | 16"+ | full sun | Yellow 3.5' tall | Late summer | Attracts bees, birds and butterflies | - Edible and medicinal - Fine textured to course soils |
|  | <i>Solidago multiradiata</i> | Rocky Mountain Goldenrod | 10"+ | full sun | Yellow 2-20" tall | Late summer-Fall | Attracts butterflies | - Likes coarse textured soil - The Cree used this plant as a tonic |
|  | <i>Solidago rigida</i> | Stiff Goldenrod | 14"+ | full sun-part shade | Yellow 3.6' tall | Late summer | Supports a variety of birds | - Likes coarse or medium textured soils - Native Americans used the roots for medicinal purposes and the flowers for lotion, bug stings and swollen faces. |
|  | <i>Sphaeralcea coccinea</i> | Scarlet Globemallow | 8"+ | full sun | Reddish - orange 4-8" tall, 12" wide | May-Jul | Attracts coleoptera, diptera, lepidoptera and butterflies | - Deer resistant - Native Americans used this plant for dermatological aid and in ceremonies - Likes moderately fine to coarse textured soil |
|  | <i>Sphaeralcea munroana</i> | Munro's Globemallow | 8"+ | full sun-part shade | Bright red-orange 30" tall | May-Aug | Attracts coleoptera, diptera, lepidoptera and a variety of bees, especially some bees that solely rely on this plant | - Likes medium to coarse textured soil - The Gosiute Tribe used a paste made out of this plant to apply to the inside of their earthen dishes |


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|  | <i>Thermopsis rhombifolia</i> | Prairie Goldenbean | 10"+ | full sun | Yellow 12-24" tall, 12-60" wide | May-Jun | Attracts bees | - Likes sandy-clayey soil - Native Americans used this plant as a season indicator for buffalo hunting |
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| Picture | Scientific Name | Common Name | Precip | Light | Color/ Size | Bloom Season | Wildlife Value | Additional Remarks |
|---|-------------------------------|--------------------|--------|---------------------|-----------------------|--------------|--|---|
| <u>Grasses</u> | | | | | | | | |
|  | <i>Agropyron trachcaulum</i> | Slender Wheatgrass | 8"+ | full sun-part shade | Yellow 24-36" tall | Apr-May | Provides cover, habitat and food for beneficial insects & wildlife | - Likes moderately fine to medium textured soil - Cool season bunchgrass |
|  | <i>Achnatherum hymenoides</i> | Indian Rice grass | 6"+ | full sun | 24" tall, 12" wide | Late spring | Provides cover, habitat and food for beneficial insects & wildlife | - Cool season bunchgrass - Likes moderately fine to medium textured |



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|---|-------------------------------|-------------------|----------|---------------------|------------------------------------|-------------|--|--|
|  | <i>Andropogon gerardii</i> | Big Bluestem | 12" + | full sun-part shade | Yellow 48-72" tall, 24-36" wide | Jul-Sept | Provides all season cover and habitat for insects that attract birds | - Warm season bunchgrass - Likes most soils, prefers moderately fine to medium |
|  | <i>Bouteloua curtipendula</i> | Sideoats Grama | 12" + | full sun-part shade | Yellow 24-36" tall | Jun-Nov | Provides cover, habitat and food for beneficial insects & wildlife | - Warm season, weakly rhizomatous - Adapted to a broad range of medium to fine textured soils |
|  | <i>Bouteloua dactyloides</i> | Buffalograss | 7"+ | full sun | Yellow 6" tall | Apr-Dec | Provides cover, habitat and food for beneficial insects & wildlife | - Likes well drained loam, clay, caliche, limestone soil - Warm season, sod forming |
|  | <i>Bouteloua gracilis</i> | Blue Grama | 7"+ | full sun | Yellow 6-12" tall | Jul-Oct | Provides cover, habitat and food for beneficial insects & wildlife | - Warm season, sod-forming bunchgrass - Likes moderately fine to medium textured soil |
|  | <i>Calamovilfa longifolia</i> | Prairie Sand Reed | 12" + | full sun | Yellow 24-72" tall | Late summer | Provides cover, habitat and food for beneficial insects & wildlife | - Likes coarse to medium textured soils - Cool season, sod forming |
|  | <i>Deschampsia cespitosa</i> | Tufted Hairgrass | 14" + | full sun-part shade | Green/Tan 36" tall 24" wide | June | Provides cover, habitat and food for beneficial insects & wildlife | - Cool Season bunch grass - Likes sandy clayey soil |






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|  | <i>Elymus elymoides</i> | Bottlebrush Squirreltail | 5"+ | full sun | 18" tall | Mid Spring | Provides cover, habitat and food for beneficial insects & wildlife | - Cool season, sod forming - Fine and medium textured soils |
|  | <i>Festuca idahoensis</i> | Idaho Fescue | 12" + | full sun-part shade | Yellow | Apr-Jul | Provides cover, habitat and food for beneficial insects & wildlife | - Cool season bunchgrass - Likes deep rich, moderately fine textured soil |
|  | <i>Festuca ovina</i> | Sheep Fescue | 12" + | full sun-part shade | Yellow | Late spring | Provides cover, habitat and food for beneficial insects & wildlife | - Cool season bunchgrass - Likes coarse or medium textured soils |
|  | <i>Hesperostipa comata</i> | Needle and Thread Grass | 5"+ | full sun | Yellow | Early summer | Provides cover, habitat and food for beneficial insects & wildlife | - Cool season bunchgrass - Likes coarse or medium textured soils |






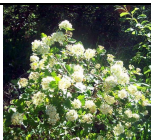
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| <u>Grasses</u> | | | | | | | | |
|  | <i>Koeleria macrantha</i> | Prairie Junegrass | 10"+ | full sun-part shade | Yellow 18" tall | Jun- Jul | Provides cover, habitat and food for beneficial insects & wildlife | - Cool season bunchgrass - Likes medium to moderately coarse textured soil |
|  | <i>Leymus cinereus</i> | Basin Wildrye | 8"+ | full sun | 60" tall, 24-48" wide | Mar-Apr | Provides cover, habitat and food for beneficial insects & wildlife | - Cool season bunchgrass - Adapted to dry to moist, sandy soils |
|  | <i>Nassella viridula</i> | Lodorm Green Needlegrass | 10"+ | full sun | Yellow | Jun-Jul | Provides cover, habitat and food for beneficial insects & wildlife | - Cool season bunchgrass - Likes fine to medium textured soil |
|  | <i>Pascopyrum smithii</i> | Western Wheatgrass | 10"+ | full sun-part shade | Yellow | May-Jun | Provides cover, habitat and food for beneficial insects & wildlife | - Cool season sodgrass - Likes fine to medium textured soil |
|  | <i>Phalaris arundinacea</i> | Canary Grass | 30"+ | full sun | Yellow | Late spring | Provides cover, habitat and food for beneficial | - Cool season bunchgrass - Likes fine to medium textured soil |





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|---|--------------------------------|----------------------|------|-------------------------|--------------------------------|-------------|--|--|--|
| | | | | | | | | insects & wildlife | |
|  | <i>Poa secunda</i> | Sandberg Bluegrass | 10"+ | part sun | 1-3' tall Yellow | Apr-May | Provides cover, habitat and food for beneficial insects & wildlife | - Cool season bunchgrass - Likes medium textured to moderately coarse soils | |
|  | <i>Pseudoroegneria spicata</i> | Bluebunch Wheatgrass | 6"+ | full sun | Yellow | Jun-Jul | Provides cover, habitat and food for beneficial insects & wildlife | - Cool season bunchgrass - Likes medium to coarse textured soil | |
|  | <i>Schizachrium scoparium</i> | Little Bluestem | 16"+ | full sun- part shade | Yellow | Jul-Sept | Provides cover, habitat and food for beneficial insects & wildlife | - Warm season bunchgrass - Adapted to a range of soils, prefers medium | |
|  | <i>Sorghastrum nutans</i> | Tomahawk Indiangrass | 11"+ | full sun | 48" tall, 36"wide Yellow | Late Spring | Provides cover, habitat and food for beneficial insects & wildlife | - Warm season bunchgrass - Adapted to fine, medium or coarse textured soils | |

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|--|-------------------------------|------------------|-----|------------------------|----------------------|---------|-------------|--|---|
|  | <i>Sporobolus cryptandrus</i> | Sand Dropseed | 8"+ | full sun | Yellow | 3' tall | Late Summer | Provides cover, habitat and food for beneficial insects & wildlife | - Warm season bunchgrass - Likes coarse or medium textured soils |
|  | <i>Sporobolus heterolepis</i> | Prairie Dropseed | 8"+ | full sun-partial shade | Pink and Brown tints | 2' tall | Aug-Oct | Provides cover, habitat and food for beneficial insects & wildlife | - Warm season clump-forming - Likes medium soil |



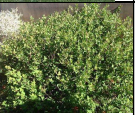




| Picture | Scientific Name | Common Name | Precip | Light | Color/ Size | Bloom Season | Wildlife Value | Additional Remarks |
|--|------------------------------|----------------------|--------|-----------------------|--|--------------|--|--|
| <u>Shrubs/Trees</u> | | | | | | | | |
|  | <i>Acer glabrum</i> | Rocky Mountain Maple | 12"+ | full sun | Yellow, Green 5-25' tall, 10-20' wide | Apr- May | Important food source for elk and deer in the winter and is good cover for many wildlife and birds | - Likes moist, well drained rocky soils - Native Americans used this tree to make many different crafts |
|  | <i>Amelanchier alnifolia</i> | Serviceberry | 12"+ | full sun - part shade | White/Green 5-15' tall, 4-12' wide | May-Jun | Habitat for birds, attracts pollinators, food for wildlife | - Northern Cheyenne: the berries were picked and dried and used as food. The leaves of this tree were also used to make a healing tea. - Likes medium texture, well-drained soils |



| | | | | | | | | |
|--|---|------------------|------|----------|-------------------------------------|----------|---|--|
|  | <i>Artemisia cana</i> | Silver Sage | 8"+ | full sun | Yellow 5' tall | Jul-Sept | Provides habitat, forage and cover for wildlife | Likes dry, rocky soils |
|  | <i>Artemisia frigida</i> | Fringed Sage | 10"+ | full sun | Yellow 6-14" tall, 6-12" wide | Jul-Aug | Provides habitat and cover and forage for wildlife | <ul style="list-style-type: none"> - Northern Cheyenne: Women's sage was used for ritual and medicinal purposes. Women used it as a ritual plant in ceremonies. One of its uses was also burned as a smudge for mosquitoes. - Deer resistant - Likes medium textured, well-drained alkaline soils |
|  | <i>Artemisia nova</i> | Black Sage | 6"+ | full sun | Brown 2' Tall | Jul-Aug | Major habitat for mule deer and pronghorns and is high quality forage for livestock | Likes medium textured to well drained soils |
|  | <i>Artemisia ludoviciana</i> | Prairie Sage | 10"+ | full sun | White 3' tall | Aug-Sept | Habitat for birds, and insects that birds eat. Forage for wildlife | <ul style="list-style-type: none"> - Northern Cheyenne: Used for ritual ceremonial and medicinal. Most used plants in ceremonies. Was regarded to drive away bad spirits. - Deer resistant - Likes medium textured, well-drained soils |
|  | <i>Artemisia tridentata</i> <i>var. wyomingensis</i> | Wyoming Big Sage | 6"+ | full sun | Inconspicuous Yellow 1-3' tall | Jul-Oct | Habitat for birds, and insects that birds eat. Forage for wildlife | <ul style="list-style-type: none"> - Attracts insects favored by birds - Likes medium textured to moderately coarse soil - Native Americans used it for tea, seasoning and many medicinal purposes |

| | | | | | | | | |
|--|------------------------------------|----------------------------|------|---------------------|--|----------|---|---|
|  | <i>Cercocarpus ledifolius</i> | Curleaf Mountain Mahogany | 10"+ | full sun-part shade | White and yellow 6-20' tall, 6-12'wide | Mar-Apr | Provides food and cover for many wildlife and livestock | <ul style="list-style-type: none"> - Dry, shallow to medium depth, medium textured soil - Native Americans used this to make many different weapons and for many different medicinal purposes |
|  | <i>Ceratoiles lanata</i> | Winterfat | 6"+ | full sun | Yellow 2' Tall | Mar-Jun | Breeding site for passerine bird species and forage for many wildlife and livestock | Prefers basic to limey soils |
|  | <i>Chrysothamnus viscidiflorus</i> | Douglas Yellow Rabbitbrush | 7"+ | full sun | Yellow 3' Tall | Jun-Oct | Attracts butterflies | <ul style="list-style-type: none"> - Likes coarse to medium well-drained soils - Was as a food, medicinal and building material by Native Americans |
|  | <i>Cornus sericea</i> | Redosier Dogwood | 24"+ | full sun-part shade | White 4' tall, 4'wide | Jun-Jul | Attracts butterflies and bees and supports many birds | <ul style="list-style-type: none"> - Likes a variety of rich and moist soils - Native Americans utilized the bark for many purposes - Prevents soil erosion near creek and river banks |
|  | <i>Ericameria nauseosa</i> | Rubber Rabbitbrush | 6"+ | full sun | Yellow 4' tall, 4' wide | Aug-Sept | Provides forage and habitat for several types of mammals and insects | <ul style="list-style-type: none"> - Native American medicinal uses for colds, tooth aches, and stomach pains and was used as a dye - Likes dry, medium to moderate coarse, alkaline soils |
|  | <i>Physocarpus monogynus</i> | Mountain Ninebark | 14"+ | full sun | White 4' tall, 6' wide | May-July | Attracts bees | <ul style="list-style-type: none"> - Likes moist sandy to coarse soils - Deer and rabbit resistant - Drought tolerant |

| | | | | | | | | |
|--|----------------------------|-----------------------|-------|----------|---|---------|--|---|
|  | <i>Populus deltoides</i> | Plains Cottonwood | 18"+ | full sun | Yellow 60-100' tall, max 30-50' wide | Feb-Apr | Habitat for birds | Likes moist, well-drained fine sandy or silt loams - Native Americans used it for framework, fodder and dye |
|  | <i>Populus fremontii</i> | Narrowleaf Cottonwood | 20"+ | full sun | White 90' tall | Mar-Apr | Habitat for birds | - Likes coarse, medium, or fine textured soils - Medicinal and had many craft and building qualities to Native Americans |
|  | <i>Populus tremuloides</i> | Quaking Aspen | moist | full sun | Catkins 30-60' tall, 20-35' wide | May-Jun | Habitat for birds | - Adapted to a wide variety of soils - The bark was used for food and medicinal purposes by Native Americans |
|  | <i>Prunus americana</i> | Wild American Plum | 14"+ | full sun | White 8-25' tall 8-15' wide | Apr-May | Habitat for birds, attracts pollinators, food for wildlife | - Fruit is used to make tart jelly! - Likes deep, moist, medium textured soils |


| Picture | Scientific Name | Common Name | Precip | Light | Color/ Size | Bloom Season | Wildlife Value | Additional Remarks |
|---------------------|-----------------|-------------|--------|-------|----------------|--------------|----------------|--------------------|
| <u>Shrubs/Trees</u> | | | | | | | | |




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|---|---|--------------------------|---|------|-----------------------|--|---------|---|---|
|  |  | <i>Prunus virginiana</i> | Chokecherry | 12"+ | full sun - part shade | White 12-25' tall 10-20' wide | Apr-Jul | Habitat for birds, attracts pollinators, food for wildlife | <ul style="list-style-type: none"> - Northern Cheyenne placed picked berries, pit and all, on a flat rock and mashed it to make pemmican. - The fruit is used to make jelly and wine. - Excellent drought tolerance. - Likes loose, medium texture, well-drained soil |
|  | | <i>Rhus trilobata</i> | Three-leaf Skunkbush (Three-leaf Sumac) | 10"+ | full sun | Yellow 3-10' tall, 7-20' wide | Mar-Apr | Attracts butterflies and birds | <ul style="list-style-type: none"> - Likes moist, well-drained soils - Native Americans used leaves for medicinal purposes and used berries as a food source and seasoning on meat |
|  |  | <i>Ribes aureum</i> | Golden Currant | 12"+ | full sun - part shade | Yellow 5-8' tall, 3-6' wide | May-Jun | Attracts birds such as bluebirds, northern flicker, & thrush. | <ul style="list-style-type: none"> - Provides autumn color and is ideal for hedgerows and near brush piles - Northern Cheyenne: Used as food. The berries were eaten raw or dried and mixed with pemmican. - Drought tolerant - Likes rich, medium texture, well-drained soil |
|  | | <i>Ribes cereum</i> | Wax Currant | 13"+ | full sun - part shade | White, Pink 4-5' tall, 4-5' wide | Apr Jul | Good forage and cover for wildlife except it is not good forage for deer and most livestock | <ul style="list-style-type: none"> - Drought tolerant - Likes moderate coarse to coarse, well-drained soil |
|  | | <i>Rosa woodsii</i> | Wood's Rose | 12"+ | full sun - part shade | Pink 4-6' tall, 4-6' wide | May-Jul | Good for pollinators . Dense thickets provide cover (including thorns) | <ul style="list-style-type: none"> - Northern Cheyenne: Rose hips were used as a source of vitamin C. - Drought tolerant - Likes medium to moderate coarse texture, well-drained soil |

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|---|----------------------------|---------------------|------|-----------------------|---|---------|---|---|
|  | <i>Sambucus racemosa</i> | Red Elderberry | 14"+ | full sun - part shade | Creamy White 10-20' tall | Apr-Jul | American robins, western bluebirds, rose-breasted grosbeaks and many more! | <ul style="list-style-type: none"> - Dense thickets provide cover and nesting sites. Hummingbirds and butterflies collect nectar from the flowers. - Drought tolerant - Berries are edible - Native Americans used it as a food source and used bark and roots for medicinal purposes - Likes deep loamy sands/silts, good drainage, sufficient moisture |
|  | <i>Shepherdia argentea</i> | Silver Buffaloberry | 10"+ | full sun | Yellow, White 8-18' tall, 6-12' wide | Apr-May | <ul style="list-style-type: none"> - Provides cover and nesting sites. - Berries provide food for wildlife. | <ul style="list-style-type: none"> - Drought tolerant - Likes medium texture, well drained soils - Berries are edible - Native Americans used berries as a major food source and dried berries for medicinal mixtures |

| Picture | Scientific Name | Common Name | Precip | Light | Color/ Size | Bloom Season | Wildlife Value | Additional Remarks |
|---------|-----------------|-------------|--------|-------|-------------|--------------|----------------|--------------------|
|---------|-----------------|-------------|--------|-------|-------------|--------------|----------------|--------------------|

Willows

| | | | | | | | | |
|---|-----------------------|---------------|------|----------|------------------------|---------|---|---|
|  | <i>Salix bebbiana</i> | Bebb's Willow | 20"+ | full sun | Catkins 15-25' tall | Apr-May | Attracts butterflies caterpillars, and bees | <ul style="list-style-type: none"> - Likes moist medium texture to moderate coarse soils - Native Americans used this for basketry and a variety of tools |
|---|-----------------------|---------------|------|----------|------------------------|---------|---|---|

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|---|------------------------|-----------------------------------|------|-----------------------|---------------------------------|-------------|---|---|
|  | <i>Salix boothii</i> | Booth's Willow | 55"+ | full sun | Catkins 24' tall | Late Spring | - Great food source for deer, elk, moose and birds - It provides cover for birds and many wildlife | Has a wide adaptation to soils |
|  | <i>Salix exigua</i> | Coyote Willow (Sandbar Willow) | 20"+ | Full Sun - part shade | Catkins 6-12' tall, 10' wide | Mar-Apr | Attracts butterflies, caterpillars, and bees | - Likes moist, moderate fine to coarse soils - Native Americans used this for basketry and building material |
|  | <i>Salix geyeriana</i> | Geyer's Willow | 19"+ | full sun - part shade | Catkins 15' tall | May-Aug | Attracts butterflies and caterpillars | Has a wide adaptation to soil |

Estimated Bloom Times for PINP's Xeriscape Plant list:

| Wildflowers | | | | | | | | | |
|-------------------------------|---------------------|-------|-----|------|------|--------|-----------|---------|--------|
| Scientific | Common | April | May | June | July | August | September | October | Color |
| Herbaceous Perennials | | | | | | | | | |
| <i>Sphaeralcea coccinea</i> | Scarlet Globemallow | | X | X | X | X | X | X | Orange |
| <i>Amorpha canescens</i> | Lead Plant | | X | X | | | | | Purple |
| <i>Gaillardia aristata</i> | Blanket Flower | | | X | X | X | X | | Yellow |
| <i>Linum lewisii</i> | Blue flax | | | X | X | X | | | Blue |
| <i>Antennaria microphylla</i> | Pussytoes | X | X | | | | | | White |

| | | | | | | | | | |
|--------------------------------|------------------------------|---|---|---|---|---|---|---|----------------------------------|
| <i>Artemesia fridgida</i> | Fringed Sage | | | | X | X | | | Yellow |
| <i>Echinacea angustifolia</i> | Echinacea | | X | | X | | | | Pink |
| <i>Dalea candida</i> | White prairie clover | | X | | X | | | | White |
| <i>Achillea millefolium</i> | Yarrow | | X | | X | X | | | White |
| <i>Artemesia ludoviciana</i> | Prairie Sage | | | | X | X | | | White |
| <i>Ratibida columnifera</i> | Prairie Coneflower | X | X | | X | | | | Yellow |
| <i>Astragalus utahensis</i> | Utah Vetch | X | X | X | | | | | Pink/Violet |
| <i>Castilleja linariifolia</i> | Wyoming Paintbrush | | | | X | X | | | Red |
| <i>Dalea candida</i> | White Prairie Flower | | | X | X | | | | White |
| <i>Dalea purpurea</i> | Purple Prairie Coneflower | | X | | X | X | | | Purple |
| <i>Erigeron speciosus</i> | Showy Fleabane | | X | | X | X | | | White or pink-ish lavender |
| <i>Erysimum capitatum</i> | Western Wallflower | X | X | | X | | | | Yellow, Orange, or Red |
| <i>Gaillardia aristata</i> | Blanket Flower | | | X | X | X | X | | Yellow, Orange, or Red |
| <i>Hedysarum boreale</i> | Utah Sweetvetch | X | X | X | X | X | | | Red, pink or purple |
| <i>Helianthus maximiliani</i> | Sunflower Maximilian | | | | | | X | X | Yellow |
| <i>Ipomopsis aggregata</i> | Scarlet Gilia | | | X | X | X | | | Red |
| <i>Penstemon angustifolius</i> | Beardtongue Penstemon | | X | X | | | | | Blue- purple |
| <i>Pentstemon eatonii</i> | Firecracker Penstemon | | X | X | | | | | Red |
| <i>Penstemon eriantherus</i> | Fuzzy Tongue Penstemon | | X | X | X | X | X | | Purple/Vi olet |
| <i>Penstemon grandiflorus</i> | Beardtongue Penstemon | | X | X | | | | | Purple |
| <i>Penstemon strictus</i> | Rocky Mountain Penstemon | | X | X | | | | | Purple/Bl ue |

| | | | | | | | | | |
|-----------------------------|---------------------|---|---|---|---|---|--|--|-------------------|
| <i>Sedum lanceolatum</i> | Stonecrop | | | | X | X | | | Yellow |
| <i>Solidago rigida</i> | Stiff Goldenrod | | | | | X | | | Yellow |
| <i>Sphaeralcea munroana</i> | Munro's Globemallow | X | X | X | X | | | | Bright red-orange |

Shrubs/Sub-shrubs

| Scientific | Common | April | May | June | July | August | September | October | Color |
|--|------------------|-------|-----|------|------|--------|-----------|---------|--------|
| <i>Artemisia frigida</i> | Fringe Sage | | | | X | X | | | Yellow |
| <i>Artemisia ludoviciana</i> | Prairie Sage | | | | | X | X | | White |
| <i>Artemisia tridentata</i> var. <i>wyomingensis</i> | Wyoming Big Sage | | | | X | X | X | X | Yellow |
| <i>Amelanchier alnifolia</i> | Serviceberry | | X | X | | | | | White |
| <i>Ericameria nauseosa</i> | Rabbitbrush | | | | | X | X | | Yellow |
| <i>Prunus americana</i> | Plum | X | X | | | | | | White |
| <i>Prunus virginiana</i> | Chokecherry | X | X | X | | | | | White |
| <i>Ribes aureum</i> | Golden Currant | X | x | | | | | | Yellow |
| <i>Rosa woodsii</i> | Wild Rose | X | X | X | | | | | Pink |
| <i>Sambucus racemosa</i> | Red Elderberry | X | X | X | X | | | | White |
| <i>Shepherdia argentea</i> | Buffaloberry | X | X | | | | | | Yellow |