

Bend Pollinator Pathway

Suggested Native Pollinator Plants From a Garden in Bend

Plants listed in rough order of bloom time
* Denotes All-Star! pollinator plant
IMY - In My Yard

Perennials

- *Shrubby Penstemon (Penstemon fruticosus) early; purple, tubular flowers; sun; dry to average moisture; bumbles, honey bees, many native bees, butterflies; nectar plant for Anise Swallowtail (Papilio zelicaon) (Penstemon spp.), moths, hummys; larval food of Variable or Chalcedon (Euphydryas chalcedona) Checkerspot and Edith's Checkerspot (Euphydryas editha) (general Penstemon is mentioned as larval host to both); sun; dry/average soil; can spread to 3' with irrigation but only 12-18" tall with blooms; shrublet; semi-evergreen/leaves turn red in winter; In My Yard Lots of Bees!
- *Roundleaf Alumroot (Heuchera cylindrica) early/mid; white flowers; average moisture; does well in containers; IMY - nonstop Bumblebee nectaring on every bloom!! Fantastic bumblebee plant, honeybees too. Even hummingbirds nectar from the flowers.
- *Western Wallflower (Erysimum Capitatum) early; yellow flowers; dry soil, once established; biennial - will reseed if irrigated; IMY - Juba Skippers, Bumblebees, Ladybugs, Hummingbird moth (?not sure which one?)
- *Scarlet Globe Mallow (Sphaeralcea munroana) early/mid; bright orange, apricot-colored cup-shaped blooms; up to 3 feet tall and 2 feet around; sun; dry/average good choice for drought tolerant garden/xeriscaping; sun; honey, bumble, natives, butterflies, moths, caterpillar/larval host plant for Common Checkered-Skipper (Pyrgus communis), West Coast Lady (Vanessa annabella)
- *Mountain Hollyhock (Iliamna rivularis) early/mid and late (if deadheaded after first flower, some blooms will return, or have reseeded quickly enough to bloom later in the season); pale pink, cup-shaped flowers; average to moist; bumbles and honeybees, caterpillar/larval host plant for Common Checkered-Skipper (Pyrgus communis), West Coast Lady (Vanessa annabella); nectar plant for California Tortoiseshell (Nymphalis californica); sun or light shade; average/moist soil; up to 3.5 feet; IMY Bumblebees, Honey Bees, + more bees, ladybugs. In the summer of 2020 I was lucky enough to witness a Common Checkered-Skipper (laying her eggs on this all-around all-star pollinator plant.
- Western Blue Flag Iris (Iris missouriensis) early; moist soil early; full sun to part shade
- Blue-eyed grass (Sisyrinchium idahoense) early; moist soil early; full sun to shade
- <u>Bleeding Heart</u> (**Dicentra formosa**) early to mid-summer bloom; pink flowers; dry to
 moist soil; part- to full-shade; This is the only plant species upon which the Clodius
 Parnassian butterfly (Parnassius clodius) has been observed to lay its eggs



- <u>Firecracker Penstemon</u> (**Penstemon eatonii**) early; red, tubular flowers; dry/average;
 IMY Hummingbirds, Bumblebees, + more bees another imperative hummy plant!
- <u>Rocky Mountain Penstemon</u> (**Penstemon strictus**) early/mid; purple, tubular flowers; dry/average soil; sun to part shade; average to dryish soil; mason, honey, bumbles, butterflies including Anise Swallowtail (general Penstemon), moths, hummys; larval food of Variable or Chalcedon Checkerspot (<u>Euphydryas chalcedona</u>) and Edith's Checkerspot (<u>Euphydryas editha</u>) (Penstemon spp. mentioned as larval host to both) IMY- Lots of Bees! Bumblebees, Mason Bees, Honey Bees + more than I have yet to identify, Western Tiger Swallowtail
- Lowly Penstemon (**Penstemon humilis**)
- Oregon Sunshine (Eriophyllum lanatum) early; yellow, flat flowers; 4" to 24" tall and as much around; dry/average soil; bumbles, honeys, natives; butterflies, moths, nectar plant for orange sulfur (Colias eurytheme), Red admiral (Vanessa Atalanta), Satyr comma (Polygonia satyrus), and skipper butterflies; larval host plant to Painted Lady
- Lupine (Lupine Spp.) purplish/white flowers; average moisture; nectar plant for Anise Swallowtail (Papilio zelicaon)
- <u>Blue-eyed Grass</u> (Sisyrinchium idahoense) early/mid; purple flowers that bloom from grass 'stems'; average to moist soil; full sun to part shade
- Spreading Phlox (Phlox diffusa) early; pink; dry soil; full sun
- Oregon Checkermallow (Sidalcea oregana) early/mid; purples flower; early, moist soil; part-shade; bumblebee favorite; Host plant to Common Checkered-Skipper (Pyrgus communis) and West Coast Lady (Vanessa annabella)
- <u>Venus Penstemon</u> (**Penstemon venustus**) mid; lavender, tubular flowers; succulent-like leaves; dry/average soil; nectar plant for Anise Swallowtail (Papilio zelicaon) (Penstemon spp.); IMY - Lots of Bees, Western Tiger Swallowtail
- <u>Pine-leaf Penstemon</u> (Penstemon pinifolius) mid; red, narrow, tubular flowers (the yellow blooms do not attract the hummingbirds in similar numbers); dry/average soil; hummys; average to dryish; sun; "integral mid-summer bloomer for the hummingbird garden"; deer and rabbit resistant(ish); IMY Every year I have several resident hummys who work these flowers in succession with the other blooming red natives
- Western Columbine (Aquilegia formosa) mid/late; red/yellow, tubular flowers; dry/average soil, moist okay; bumbles, honey, natives, butterflies including Western Tiger Swallowtail (Papilio rutulus), Anise Swallowtail (Papilio zelicaon) hummys; part-shade; flower stems up to 4 feet tall and 3 feet across; IMY - Hummingbirds, Bumblebees
- *Blanketflower (Gaillardia aristata) mid/late (deadhead for more blooms); red/orange/yellow flat flowers; dry/average soil; sun; up to 2 feet tall; honey bees, bumblebees, compositae-specific bees, many wild bee specialists such as various leafcutter bees (Megachile spp.), green metallic sweat bees (Agapostemon spp.), butterflies such as Orange Sulfur (Colias eurytheme), moths, hummys; IMY Seen nectaring: Sulfur spp. Butterfly, West Coast Lady (Vanessa annabella), + Lots of Bees!
- Rocky Mountain Bee Plant (Cleome serrulata) mid; clusters of pink to purplish flowers; dry/average soil; sun to part-shade; Host plant to Checkered White (Pontia protodice).



- Favorite of both native and honey bees. Seeds are an important food source for doves and other small birds. This plant is an annual but it is a ready self-seeder.
- *Scarlet Gilia (Ipomopsis aggregata) mid/late; red, tubular flowers; hummy; nectar plant for Two-tailed Tiger Swallowtail (Papilio multicaudata); average/dry soil; sun to part-shade; biennial or short-lived perennial but vigorous self-sower; IMY Imperative plant for the hummingbird gardener if given water, they will continue to reseed and draw hummingbirds back year after year honey bees nectar as well.
- *Fireweed (Chamerion angustifolium) mid/late; bright pink flowers; bumbles, honey, native, butterflies including nectar plant for Anise Swallowtail (Papilio zelicaon), Red Admiral (Vanessa atalanta), Woodland Skipper (Ochlodes sylvanoides), Gray Hairstreak (Strymon melinus), larval host plant to White Lined Sphinx moth (Hyles lineata); moths, hummys; sun/part shade; average/moist soil; up to 6 feet; IMY Lots of bees and small butterflies that are flying in mid-late summer, early fall, hummingbirds + Lesser Goldfinch (in groups of up to 6) eat the seed
- Aster Douglas (Aster subspicatus or Symphyotrichum subspicatum) late; purple/yellow flat flowers; average soil; sun to part shade; bumblebees, honeybees, leafcutter bees, + more bees, butterflies, moths, nectar food source for Monarch (Danaus plexippus), Purplish Copper (Lycaena helloides), red admiral butterfly (Vanessa atalanta), Woodland Skipper (Ochlodes sylvanoides), Juba Skipper (Hesperia juba) Field Crescent (Phyciodes pulchellus), Hoary Comma (Polygonia gracilis), Mourning Cloak (Nymphalis antiopa), West Coast Lady (Vanessa annabella); larval food source for Field Crescent (Phyciodes pulchellus), Northern Checkerspot (Chlosyne palla), Anna's Blues (Lycaeides anna), Painted Lady (Vanessa cardui),Orange Sulfur (Colias eurytheme) *listed as general Aster feeder; compositae-specific bees; full sun to part shade; moist-ish soil; up to 3 feet
- *Narrowleaf Milkweed (Asclepias fascicularis) mid; pale pink; moist soil is best, average is okay; sun; Bumbles, honeys, natives, butterflies, moths, hummys; sun; up to 3 feet
- *Showy Milkweed (Asclepias speciosa) mid; pale pink; moist soil is best, average is okay; sun; Bumbles, honey, natives, butterflies including red admirals (Vanessa atalanta), the only caterpillar host plant for Monarch (Danaus plexippus), moths, hummys; up to 5 feet; IMY nectar for Western Tiger Swallowtails, Bumbles, Honey bees + more bees, Ladybugs
- *Western Yarrow (Achillea millefolium) mid; white flowers; dry to moist soil; full sun to part shade; 4" to 3 feet tall; native bees, butterflies, moths, lots of small flying pollinators, nectar plant for Western Tiger Swallowtail (Papilio rutulus), Anise Swallowtail (Papilio zelicaon), Woodland Skipper (Ochlodes sylvanoides), Juba Skipper (Hesperia juba), Cedar Hairstreak (Mitoura gryneus), Pine White (Neophasia menapia), Lorquin's Admiral (Limenitis lorquini), Great Basin Wood Nymph (Cercyonis sthenele), Dark Wood Nymph (or Small Wood-Nymph, Cercyonis oetus), Anna's Blues (Lycaeides anna); birds may line their nests with yarrow to inhibit the growth of parasites; IMY Lesser Goldfinch eat the foliage



- Mountain Coyote Mint (Monardella odoratissima) mid; purple; full sun to part shade; dry soil
- *Goldenrod (Solidago canadensis) mid/late; yellow flowers; moist to average soil; sun; larval food source for the Northern Checkerspot (Chlosyne palla); nectar for Cedar Hairstreak (Mitoura grynea), Zerene Fritillary (Speyeria zerene), West Coast Lady (Vanessa annabella), Pine White (Neophasia menapia), Great Basin Wood Nymph (Cercyonis sthenele), Monarch (Danaus plexippus), Gray Hairstreak (Strymon melinus), Golden Hairstreak (Habrodais grunus)
- <u>Pearly Everlasting</u> (Anaphalis margaritacea) mid; nectar plant for Field Crescent (<u>Phyciodes pulchellus</u>), Pine White (<u>Neophasia menapia</u>), Dark Wood Nymph or Small Wood-Nymph (<u>Cercyonis oetus</u>), Anna's Blues (<u>Plebejus anna</u>), Woodland Skipper (<u>Ochlodes sylvanoides</u>), Golden Hairstreak (<u>Habrodais grunus</u>)
- *Parsnip-flower Buckwheat (Eriogonum Heracleoides) mid; white, flat flowers; average
 to dry soil once established good choice for drought tolerant garden/xeriscaping; sun;
 nectar food source for Dark Wood Nymph or Small Wood-Nymph (Cercyonis oetus),
 Gray Hairstreak (Strymon melinus)
- *Sulfur Buckwheat (Eriogonum umbellatum) mid; yellow, flat flowers; dry soil; sun to part shade; larval host for Lupine Blue (<u>Plebejus lupinus</u>), endangered Mormon Metalmark (Apodemia mormo), and Rocky Mountain Dotted-Blue (Euphilotes ancilla)
- Cushion Buckwheat (Eriogonum ovalifolium) mid; yellow; full sun; dry soil
- <u>Purple Sage</u> (Salvia dorrii) mid; purple, flower spikes; dry soil; full sun; very aromatic, thus deer resistant
- *Barbatus Penstemon (**Penstemon barbatus**) mid/late; red, tubular flowers; average/dry; sun to part shade; imperative Hummingbird garden plant for late season.
- <u>Richardson's Penstemon</u> (Penstemon richarsonii) late; brint pink, tubular flowers; dry once established - good choice for drought tolerant garden/xeriscaping, will grow in rock walls, sandy crevices, very drought tolerant
- Snow Buckwheat (Eriogonum niveum) late; white/pale tiny pink flowers; dry; full sun to light shade; subshrub; honey, natives, butterflies, moths; oodles of little flying pollinators; larval food source for endangered Mormon Metalmark (Apodemia mormo), Blue Copper, Brown Elfin (Callophrys augustinus), (Lycaena heteronea), Sheridan's Green Hairstreak (Callophrys sheridanii), Acmon Blue (Plebejus acmon), Lupine Blue (Plebejus lupini) egg laid on flower and eaten by caterpillar, 2nd stage hibernates all (except Mormon Metalmark) listed as general Buckwheat (Eriogonum species) food source; up to 2 feet around

Shrubs

*Oregon Grape (Mahonia aquifolium and Mahonia repens) early; yellow; dry/average soil; sun to shade; one of our earliest bloomers - flowers turn to berries in summer that our birds love to eat!; host plant to Brown Elfin (Callophrys augustinus); evergreen leaves turn red in winter - great cover for all forms of wildlife! Great erosion control! This is an all-around fabulous wildlife plant!



- *Manzanita (Arctostaphylos patula) early; pale pink bell-shaped flowers; dry; full sun to part shade; evergreen leaves and gorgeous red bark; host to many species of moths very important pollinator and wildlife plant!
- <u>Bitterbrush</u> (**Purshia tridentada**) early; yellow flowers; larval food source for Behr's Hairstreak (<u>Satyrium behrii</u>)
- Oak Leaf Sumac (Rhus trilobata) ealy; white flowers in clusters; dry soil
- *Wax Currant (Ribes cereum)- early; pale pink/white flowers; dry to moist soil; sun to part shade; bright red currants in late summer that birds devour!; larval food source for Hoary Comma (Polygonia gracilis)(listed as Ribes spp.) and Canary Thorn (Neoterpes trianguliferata); nectar food source for Mourning Cloak (Nymphalis antiopa), California Tortoiseshell (Nymphalis californica); IMY lots of early pollinators Bumblebees, honey bees, + other native bees, butterflies including Whites, Orangetips, California Tortoiseshells; Robins, Chickadees, Lesser Goldfinch eat the currants in late summer
- Golden Currant (Ribes aureum) early; yellow flowers; dry to average/moist; sun to part shade; bumbles, honey, native bees, butterflies, moths hummys, larval food source for Hoary Comma (Polygonia gracilis) - listed as general Ribes; nectar food source for Mourning Cloak (Nymphalis antiopa); can grow to 10 feet around - currants are delicious for birds (and humans - Yum!)
- Mountain Mahogany (Cercocarpus ledifolius) early; pale pink, white flowers evergreen leaves!; larval food source for Behr's Hairstreak (Satyrium behrii) and
 California Hairstreak (Satyrium californica)
- *Western Serviceberry (Amelanchier alnifolia) early/mid; white flowers; dry to moist soil; sun to part shade will flower more abundantly in sun; bumbles, honey, natives, butterflies, moths, larval host to Lorquin's Admiral (<u>Limenitis lorquini</u>); host plant to Western Swallowtail (<u>Papilio rutulus</u>), Pale Swallowtail (<u>Papilio eurymedon</u>), Two-Tailed Swallowtail (<u>Papilio multicaudata</u>), Brown Elfin (<u>Callophrys augustinus</u>), and California Hairstreak (<u>Satyrium californica</u>)
- *Ocean Spray (Holodiscus discolor) mid; white flowers; dry/average soil; sun to shade; butterflies, bumbles, honey, tiny sweat bees, butterflies including Monarchs and Pale Swallowtails, moths, hummys, beetles; nectar plant to the Spring Azure (Celastrina ladon), Brown Elfin (Callophrys augustinus), Pale Swallowtail (Papilio eurymedon) and Lorquin's Admiral (Limenitis lorquini), Monarch (Danaus plexippus); fast grower up to 20 feet; IMY Chickadee parents hunt for insects and caterpillars in these plants to feed their babies; Lesser Goldfinch (in groups of up to 8) eat the seed
- Birch-leaf spirea (Spirea betulifolia) mid; white flowers;
- <u>Subalpine Spirea</u> (**Spirea splendens**) mid; tiny dark pink clustered flowers perfect landing pads for butterflies; average to moist soil; full to part sun; likely host to Lorquin's Admiral (<u>Limenitis lorquini</u>) and 30 moth species
- *Snowberry (Symphoricarpos albus) mid/late; tiny pale-pink flowers; moist to dry soil; full sun to shade; hummingbirds seed out the flowers that later grow into white berries that birds will eat as a last resort in deep winter; host plant of Variable or Chalcedon Checkerspot (Euphydryas chalcedona) and Vashti Sphinx moth (Sphinx vashti)



- *Gray Rabbitbrush (Ericameria nauseosa) late; yellow flowers; average to dry; sun; larval food source for the Northern Checkerspot bfly (Chlosyne palla); nectar source for Juba Skipper (Hesperia juba), Cedar/Juniper Hairstreak (Mitoura gryneus), Hoary Comma (Polygonia gracilis), Great Basin Wood Nymph (Cercyonis sthenele), Dark Wood Nymph or Small Wood-Nymph (Cercyonis oetus), Monarch (Danaus plexippus), Red Admiral (Vanessa atalanta), Gray Hairstreak (Strymon melinus), Golden Hairstreak (Habrodais grunus), Painted Lady (Vanessa cardui); IMY Many many kinds of bees including honey bees, leafcutter bees, solitary wasps (not harmful!), Juba Skippers, Gray Hairstreak, Golden Hairstreak
- Green Rabbitbrush (Chrysothamnus viscidiflorus)
- <u>Douglas Spirea</u> (Spiraea douglasii) mid; pink, flat flowers; larval food source for Lorquin's Admiral (Limenitis lorquini)
- Mock Orange (Philadelphus lewisii) mid; white, flat flowers; flowers have heavenly citrus flower smell while in bloom; nectar food source for Dark Wood Nymph (or Small Wood-Nymph, Cercyonis oetus)
- <u>Desert Sweet</u> (Chamaebatiaria millefolium) mid/late; white, flat flowers; evergreen-ish leaves; foliage has phenomenal fragrance and thus deer-resistant; dry soil, once established needs almost no water
- Hummingbird Mint/Sunset Hyssop (Agastache rupestris) mid/late; coral/pink tubular flowers; dry soil, once established; full sun to part shade; very aromatic, thus deer resistant
- Sagebrush (Artemisia tridentata) host plant to Brown Elfin
- Wood's Rose (Rosa woodsii)
- Red-osier dogwood (Cornus sericea)

Large Shrubs/Small Trees

- *Scouler's Willow (Salix scouleriana) early; gray pussywillows/catkins; moist to dry soil; sun to part shade;
- *Chokecherry (Prunus virginiana) early/mid; white flowers; leaves turn yellow in fall; moist to dry soil; full sun to part shade; host plant to Western Tiger Swallowtail (Papilio rutulus), California Hairstreak (Satyrium californica); food source for small mammals and birds including IMY robins, Black Headed Grosbeaks, Lesser and American Goldfinch, I've watched a Western Tiger Swallowtail lay her eggs on one of my chokecherries
- *Vine Maple (Acer circinatum) early; delicate red and white flowers; moist to average soil; full sun to shade; beautiful understory for large conifers, with fall foliage color; host plant to many butterfly and moth species; seeds, buds and flowers provide food for birds, chipmunks and squirrels, birds use seeds stalks and leaves for nest building;
- *Blue Elderberry (Sambucus nigra ssp. caerulea) mid; flat, creamy white flowers; moist to average soil; full sun; bees and hummingbirds sip nectar; host plant to many species of moths, berries are important food source for many birds; stems for nesting for bees



and birds; good perching habitat and cover for wildlife; IMY - Black Headed Grosbeaks A Lesser Goldfinch pair stripped spent branches for nesting in spring

- River Birch (Betula occidentalis)
- Mountain Alder (Alnus incana ssp. tenuifolia) purple flowers; moist soil; full sun; host plant to many species of butter "serious butterfly gardeners will want to plant alders"

Conifers

- Ponderosa Pine
- Western Juniper
- Lodgepole Pine
- Mountain Hemlock
- Subalpine Fir
- Murrayana Pine

Grasses

- Idaho fescue (Festuca idahoensis) very low water once established
- Junegrass (Koeleria macrantha) low water once established

SOURCES FOR THIS INFO: "100 Plants to Feed the Bees" - The Xerces Society, "Encyclopedia of Northwest Native Plants for Gardens and Landscapes" Kathleen A. Robson, Alice Richter & Marianne Filbert; Wildflower.org - LadyBird Johnson Wildflower Center's website; "The Nature of Bend" by LeeAnn Kriegh; Butterflies and Moths of North America - www.butterfliesandmoths.org;

http://www.xerces.org/wp-content/uploads/2014/09/MaritimeNorthwestPlantList_web.pdf; http://www.lensjoy.com/butterfly_plant_list.htm - cites "Butterflies of Cascadia" by Robert Michael Pyle and Butterflies of North America by James A. Scott as references; Create a Butterfly Garden by OSU Extension

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https://www.deschuteslandtrust.org/news/wildlife-blog-posts/butterflies-of-summer; The Butterflies of Cascadia by Robert Michael Pyle; "The Butterflies of the Pacific Northwest" by Robert Michael Pyle and Caitlin C. LaBar; Calscape.org; observations from my yard in Bend!