

Plant – Pollinator Interactions

Common Name	Some pollinators, specialist, and larval host species that rely on these plants
anise hyssop <i>Agastache foeniculum</i>	Bees: bumbles, leafcutters, long-horned, small resin Butterflies: great spangled fritillary, Peck's skipper, silver spotted skipper Others: bee flies, soldier beetles
blue flag iris <i>Iris versicolor</i>	Bees: bumbles, carpenters Butterflies: long dash, monarch, silver-banded fritillary, skippers, swallowtails Larval Host Species: Virginia ctenucha
blue vervain <i>Verbena hastata</i>	Bees: cuckoo, green sweats, leafcutters, long-horned, miners, small carpenters, sweats Butterflies: silver spotted skipper Moths: Wasps: threat-waisted Others: bee flies, golden soldier beetle, Syrphid flies, thick-headed flies Specialist Species: verbena bee Larval Host Species: buckeye butterfly, verbena moth
blue wood aster <i>Symphyotrichum cordifolium</i>	Bees: bumble, green sweat, long-horned, small sweat, sweat, yellow-faced Butterflies: buckeye, clouded sulfur, painted lady, pearl crescent Moths: corn earworm, yellow-collared scape Wasps: mason Others: greenbottle flies, syrphid flies Specialist Species: mining bee Larval Host Species: brown-hooded owlet, northern crescent, pearl crescent, saddleback caterpillar, silvery checkerspot
broom sedge <i>Andropogon virginicus</i>	Bees: provides nesting materials and structures for native bees Larval Host Species: numerous species of skippers, Virginia ctenucha
butterfly milkweed <i>Asclepias tuberosa</i>	Bees: cuckoos, green sweats, leafcutters, small carpenters, small resins, sweats Butterflies: crescent butterflies, great spangled fritillary, monarch, pearl crescent, spicebush swallowtails, sulphurs Wasps: paper, thread-waisted Others: Formicidae ants, milkweed leaf beetle, soldier beetle Larval Host Species: milkweed tussock moth, monarch, queen
cardinal flower <i>Lobelia cardinalis</i>	Bees: bumbles, diggers, green sweats, small carpenters, yellow-faced Birds: ruby-throated hummingbird Butterflies: monarch, spicebush swallowtail
columbine <i>Aquilegia canadensis</i>	Bees: bumbles, small sweats Birds: ruby-throated hummingbird Larval Host Species: columbine borer moth, columbine duskywing
coralbell <i>Heuchera americana</i>	Bees: small sweats, green sweats
curly wood sedge <i>Carex rosea</i>	Larval Host Species: common wood nymph, mulberry wing, numerous species of skippers, ringlet, Virginia ctenucha
dense blazing star <i>Liatris spicata</i>	Bees: bumbles, green sweats, leafcutters Butterflies: Aphrodite fritillary, clouded sulphur, gray hairstreak, great spangled fritillary, orange sulphur, monarch, painted lady, Peck's skipper, red admiral, tiger swallowtail, wood nymph Others: bee flies, soldier beetles, syrphid flies Larval Host Species: blazing star borer moth, glorious flower moth, three lined flower moth, wavy-lined emerald

GSWA 2024 Native Plant Program

<p>fire pink <i>Silene virginica</i></p>	<p>Birds: ruby-throated hummingbird</p>
<p>foamflower <i>Tiarella cordifolia</i></p>	<p>Bees: two-spotted bumble Others: greater bee-fly</p>
<p>foxglove beardtongue <i>Penstemon digitalis</i></p>	<p>Bees: bumbles, diggers, green sweats, leafcutters, masons, small carpenters, sweats Birds: ruby-throated hummingbird Butterflies: skippers Moths: clearwing hummingbird Others: syrphid flies</p> <p>Specialist Species: mason bee, pollen-collecting moth Larval Host Species: chalcid midget moth</p>
<p>golden alexander <i>Zizia aurea</i></p>	<p>Bees: mason, bumble, yellow-faced, small carpenter, Butterflies: azure Wasps: potter, paper, wood-boring mason, Others: ebony bugs, ladybird beetle, soldier beetles, syrphid flies, tachinid flies</p> <p>Specialist Species: mining bee Larval Host Species: black swallowtail, rigid sunflower borer, ladybird beetle</p>
<p>golden ragwort <i>Packera aurea</i></p>	<p>Bees: carpenter, cuckoo, sweat Others: syrphid flies, tachinid flies, Larval Host Species: the gem moth, northern metalmark</p>
<p>great blue lobelia <i>Lobelia siphilitica</i></p>	<p>Bees: bumble, digger, small carpenter, sweat, yellow-faced Birds: hummingbird Others: weevil</p>
<p>river oats <i>Chasmanthium latifolium</i></p>	<p>Larval Host Species: northern pearly-eye, numerous species of skippers, satyrs, Virginia ctenucha</p>
<p>lanceleaf coreopsis <i>Coreopsis lanceolata</i></p>	<p>Bees: cuckoos, leafcutters, long-horned, short-tongued bees; small carpenters, small resins Butterflies: sulfurs</p>
<p>longsepal beardtongue <i>Penstemon calycosus</i></p>	<p>Bees: bumble, digger, mason, leaf-cutting, sweat, small carpenter Birds: hummingbird Moths: Sphinx Others: syrphid flies</p> <p>Larval Host Species: Chalcedony midget</p>
<p>marsh marigold <i>Caltha palustris</i></p>	<p>Bees: cuckoo, green sweat, sweat Others: Formicidae ants, giant bee fly, syrphid flies, two leaf beetle</p>
<p>narrow leaf mountain mint <i>Pycnanthemum tenuifolium</i></p>	<p>Bees: bumbles, carpenters, green sweat, leafcutters, long-horned, small resin, sweats, yellow-faced, Butterflies: American lady, common buckeye, eastern tailed-blue, hairstreaks (gray, banded and juniper), northern crescent, sachems, tiger swallowtail Moths: ailanthus webworm Wasps: beewolves, black, cuckoo, grass-carrying, great, great gold digger, paper, potter, sand, thynnid, Others: conopid fly, delta flower scarab, Formicidae ants, hairy flower chafer, soldier flies, syrphid flies, wedge-shaped beetle</p> <p>Larval Host Species: wavy-line emerald butterfly</p>
<p>New York ironweed <i>Veronia noveboracensis</i></p>	<p>Bees: bumble, green sweat, leafcutter, long-horned Butterflies: eastern tiger swallowtail, painted lady, Peck's skipper Others: soldier beetles, syrphid flies</p> <p>Specialist Species: long-horned bee Larval Host Species: Parthenice tiger moth</p>

GSWA 2024 Native Plant Program

<p>obedient plant <i>Physostegia virginiana</i></p>	<p>Bees: bumbles, green sweats, sweats, yellow-faced Birds: ruby-throated hummingbird Butterflies: monarch, skippers, sulphurs, tiger swallowtails Moths: sphinx Others: burrowing bugs, two spotted stink bugs</p> <p>Larval Host Species: Henry's elfin butterfly</p>
<p>parasol whitetop <i>Doellingeria umbellata</i></p>	<p>Butterflies: buckeye</p> <p>Larval Host Species: brown-hooded-owlet</p>
<p>prairie dropseed <i>Sporobolus heterolepis</i></p>	<p>Larval Host Species: numerous species of skipper, red-tailed leafhopper, Virginia ctenucha</p>
<p>rattlesnake master <i>Eryngium yuccifolium</i></p>	<p>Bees: bumble, carpenter, long-tongued, short-tongued, sweat, yellow-faced Butterflies: black swallowtail, crescents, fritillaries, hairstreaks, monarchs, skippers, sulfurs, viceroy Wasps: beetle, beewolf, carrot, grass-carrying, great black, great golden digger, mason, paper, thread-waisted, thynnid, Others: banded long-horn beetles, red-shouldered pine beetle, soldier beetles, soldier flies, wedge-shaped beetles</p> <p>Larval Host Species: flower feeding moth, rattlesnake master borer moth, stem-borer moth</p>
<p>scarlet beebalm <i>Monarda didyma</i></p>	<p>Bees: bumbles, cuckoos, green sweats, leafcutter, long-horned, small resin, wool carder Birds: ruby-throated hummingbird Butterflies: monarch, silver spotted skipper, swallowtails (spicebush, tiger) Moths: clearwing hummingbird, snout Wasps: great black wasp, mason Others: banded-long horn beetle, bee flies, soldier beetles</p> <p>Specialist Species: black sweat bee Larval Host Species: hermit sphinx mot, orange mint moth, raspberry pyrausta</p>
<p>seaside goldenrod <i>Solidago sempervirens</i></p>	<p>Bees: bumble, green sweat, leafcutter, long-horned, small carpenter, sweat, yellow-faced, Butterflies: crescent, monarch Moths: scapes Wasps: grass-carrying, mason, paper, potter, great golden digger, square-headed, thread-wasted, yellowjacket Others: bee flies, greenbottle flies, goldenrod soldier beetle, locust borer beetle, syrphid flies, tachinid flies</p> <p>Specialist Species: mining bees Larval Host Species: brown-hooded owlet, dart moth, goldenrod gall fly</p>
<p>smooth blue aster <i>Symphotrichum laeve</i></p>	<p>Bees: bumble, green sweat, long-horned, small sweat, yellow-faced Butterflies: buckeye, painted lady Others: syrphid flies</p> <p>Specialist Species: mining bees Larval Host Species: brown-hooded owlet, pearl crescent, saddleback caterpillar, silvery checkerspot</p>
<p>spotted beebalm <i>Monarda punctata</i></p>	<p>Bees: bumble, digger, large carpenter, long-horned, miner, plasterer, sweats Wasps: great black, great gold digger, paper Others: soldier beetle, wedge-shaped beetle</p> <p>Specialist Species: black sweat bee Larval Host Species: gray marvel moth, northern crescent, pearl crescent, pyralid moth, snouth moth</p>

GSWA 2024 Native Plant Program

<p>stiff goldenrod <i>Solidago rigida</i></p>	<p>Bees: bumble, green sweat, long-horned, small carpenter, sweat, yellow-faced Butterflies: crescent, monarch Moths: scapes Wasps: carrot, grass-carrying, great golden digger, mason, paper, potter, square-headed, thread-waisted, yellowjacket Others: bee flies, greenbottle flies, goldenrod soldier beetle, locust borer beetle, syrphid flies, tachinid flies</p> <p>Specialist Species: mining bees Larval Host Species: brown-hooded owlet, dart moth, goldenrod gall fly</p>
<p>swamp milkweed <i>Asclepias incarnata</i></p>	<p>Bees: bumble, leafcutter, small resin, sweat, yellow-faced Butterflies: banded hairstreak, great spangled fritillary, monarch, red admiral, skippers Moths: clearwing hummingbird Wasps: great black, great golden digger, paper, square-headed, yellowjacket Others: banded long-horned beetle, bee flies, green bottle flies, long-horned beetle, milkweed leaf beetle, red milkweed beetle, soldier beetles, syrphid flies, tachinid flies</p> <p>Larval Host Species: monarch, milkweed tussock moth, queen</p>
<p>swamp sunflower <i>Helianthus angustifolius</i></p>	<p>Bees: bumble, long-horned, sweat Butterflies: monarch Moths: garden webworm Others: spotted cucumber beetle, syrphid flies</p> <p>Larval Host Species: saddleback caterpillar, silvery checkerspot</p>
<p>tall anemone <i>Anemone virginiana</i></p>	<p>Bees: leafcutters, small carpenters, small sweats, yellow-faced Others: fruitworm beetle, long-horned beetle, syrphid flies, tumbling flower beetle</p>
<p>white turtlehead <i>Chelone glabra</i></p>	<p>Bees: bumbles, two-spotted long-horned</p> <p>Larval Host Species: Baltimore checkerspot</p>
<p>whorled milkweed <i>Asclepias verticillata</i></p>	<p>Bees: bumble, small resin, sweat, yellow-faced Butterflies: banded hairstreak, great spangled fritillary, monarch, skippers</p> <p>Larval Host Species: monarch, queen, milkweed tussock moth</p>

Sources: BAMONA <https://www.butterfliesandmoths.org/>, Butterflies through Binoculars by Jeffery Glassberg, Cornell Botanic Garden <https://cornellbotanicgardens.org/>, Illinois Wildflower <https://www.illinoiswildflowers.info/>, Missouri Botanical Gardens <https://www.missouribotanicalgarden.org/>, North Carolina Extension Gardener <https://plants.ces.ncsu.edu/>, Penn State Extension Gardener <https://extension.psu.edu/trees-lawns-and-landscaping/home-gardening>, Peterson First Guides: Caterpillars by Amy Bartlett Wright, Pollinators of Native Plants by Heather Holm, USDA Plant Database <https://plants.usda.gov/home>, XERCES <https://xerces.org/>