

Plant – Pollinator Interactions

Common Name	Some pollinators, specialists, and larval host species that rely on these plants
aromatic aster <i>Symphotrichum oblongifolium</i>	Bees: bumble, cuckoo, large carpenter, leafcutter, long-horned, metallic green sweat, small carpenter, small sweat, sweat, wool carder, Butterflies: American lady, cabbage white, clouded sulphur, gray comma, great spangled fritillary, monarch, orange sulphur, red admiral, red-spotted purple, silver-spotted skipper, small copper, viceroy Others: blister beetle, spotted lady beetle Larval Host Species: pearly crescent, silvery checkerspot Specialist species: <i>Colletes simulans</i> , mining bees (<i>Andrena spp.</i>)
blue flag iris <i>Iris versicolor</i>	Bees: bumble, digger, green sweat, mason, small carpenter, small sweat, yellow-faced Butterflies: bronze copper, eastern tiger swallowtail, long dash, monarch, silver-banded fritillary, skippers (silver-spotted, Peck's, tawny-edged) Other: Formicidae ants, long-horned beetle, weevil Larval Host Species: <i>Virginia ctenucha</i>
boneset <i>Eupatorium perfoliatum</i>	Bees: bumble, cuckoo, leafcutter, long-horned, metallic green sweat, mining, small carpenter, small sweat, sweat, yellow-faced Butterflies: American lady, bronze copper, cabbage white, clouded sulphur, common buckeye, common wood-nymph, eastern tailed-blue, fritillaries (Aphrodite, great spangled, meadow), monarch, pearl crescent, red admirable, skippers (crossline, Dion, Dun, fiery, hobomok, least, silver-spotted), striped hairstreak, viceroy Moths: bella, dingy cutworm, forage looper, webworm, yellow-collared scape Wasps: Braconid, cuckoo, Ichneumon, Scoliid, spider, thread-waisted, Tiphiid, Vespid Others: beetles (blister, ground, leaf, longhorn, soldier, wedge-shaped, weevils), flies (blow, dagger, deer, house, hover, march, soldier, thick-headed) Specialist species: mining bees (<i>Andrena hirticincta</i> and <i>A. nubecula</i>)
bottlebrush grass <i>Elymus hystrix</i>	Larval Host Species: golden borer moth, leaf-mining moths, northern pearly eye, Scythrid moth
broadleaf sedge <i>Carex platyphylla</i>	Larval Host Species: Satyrs, various skippers (eyed-brown, Appalachian brown, black dash, Dion)
butterfly milkweed <i>Asclepias tuberosa</i>	Bees: bumble, cuckoo, digger, large carpenter, leafcutter, long-horned, metallic green sweat, small carpenter, small resin, sweat Butterflies: crescent, great spangled fritillary, monarch, pearl crescent, spicebush swallowtail, sulphurs Wasps: great golden sand digger, paper, thread-waisted, yellow-collared scape Others: Formicidae ants, milkweed leaf beetle, soldier beetle, Tachnid flies Larval Host Species: milkweed tussock moth, monarch
cardinal flower <i>Lobelia cardinalis</i>	Bees: bumble, green sweat, small sweat Birds: ruby-throated hummingbird Butterflies: monarch, swallowtails
common violet <i>Viola sororia</i>	Bees: bumble, cuckoo, metallic green sweat, mining, small carpenter, small sweat Others: bee flies, Formicidae ants Larval Host Species: various fritillaries (including Aphrodite, great spangled, silver-bordered, variegated) Specialist species: <i>Andrena violae</i>
coralbell <i>Heuchera americana</i>	Bees: green sweats, metallic green sweat, small sweats Specialist species: <i>Colletes aestivalis</i>
fire pink <i>Silene virginica</i>	Bees: bumble Birds: ruby-throated hummingbird

GSWA 2025 Native Plant Program

<p>foamflower <i>Tiarella cordifolia</i></p>	<p>Bees: two-spotted bumble Others: greater bee-fly</p>
<p>golden ragwort <i>Packera aurea</i></p>	<p>Bees: cuckoo, green sweat, leafcutter, mason, mining, small carpenter, small sweat, sweat, Butterflies: pearl crescent, Zabulon skipper Wasps: potter Others: false blister beetles, fire-colored beetles, flies (dance, hover, leaf miner, Tachinid, thick-headed), tumbling flower beetles Larval Host Species: the gem moth, northern metalmark Specialist Species: mining bees (<i>Andrena spp.</i>)</p>
<p>gray goldenrod <i>Solidago nemoralis</i></p>	<p>Bees: bumble, carpenter, cellophane, cuckoo, fairy, leafcutter, long-horned, metallic green sweat, mining, small carpenter, small sweat, yellow-faced, Butterflies: clouded sulphur, little yellow, melissa blue, monarch Moths: bella, yellow-collared scape Wasps: Braconid, digger, potter, Soliid, spider, thread-waisted, Tiphiid, Others: black blister beetle, false milkweed bug, flies (frit, fruit, house, hover, Tachnid, thick-headed), Formicidae ants, goldenrod soldier beetle, locust borer Larval Host Species: Pink-washed looper moth (<i>Enigmogramma basigera</i>), wavy-lined emerald (<i>Synchlora aerata</i>) Specialist Species: <i>Colletes spp.</i>, mining bees (<i>Andrena spp.</i>)</p>
<p>great blue lobelia <i>Lobelia siphilitica</i></p>	<p>Bees: bumble, digger, long-horned, metallic green sweat, small carpenter, small sweat, yellow-faced, Butterflies: monarch, pipevine swallowtail Birds: hummingbird Others: goldenrod soldier beetle, weevil</p>
<p>hairy beardtongue <i>Penstemon hirsutus</i></p>	<p>Bees: bumble, digger, large carpenter, leaf cutter, leafcutter, mason, metallic green sweat, small carpenter, small sweat, sweat bee, woolcarder Butterflies: swallowtails (black, giant, pipevine), Zabulon skipper Wasps: mason Others: bee fly Larval Host Species: Baltimore checkerspot Specialist Species: <i>Osmia distincta</i></p>
<p>helmet skullcap <i>Scutellaria integrifolia</i></p>	<p>Bees: bumble</p>
<p>Jacob's ladder <i>Polemonium reptans</i></p>	<p>Bees: bumble, leaf-cutting, long-horned, metallic green sweat, mining, small carpenter, small sweat, sweat Butterflies: clouded sulphur, Juvenal's duskywing, sleepy duskywing, Moths: hummingbird clearwing, looper Others: fire-colored beetle, flies (bee, dagger, hover), flower weevil Specialist Species: mining bees (<i>Andrena polemonii</i>)</p>
<p>lanceleaf coreopsis <i>Coreopsis lanceolata</i></p>	<p>Bees: bumbles, cuckoos, leafcutters, long-horned, metallic green sweat, mining, small carpenters, small resins, small sweat, sweat, Butterflies: American lady, clouded sulphur, melissa blue, pearl crescent, slivery checkerspot Wasps: Scoliid Others: flower beetles, Formicidae ants, hover flies, jewel beetles, leaf beetles, longhorn beetles, soldier beetles, thick-headed flies</p>
<p>marsh marigold <i>Caltha palustris</i></p>	<p>Bees: cuckoo, mining Other: bee fly, Formicidae ants, hover fly, two leaf beetle</p>

GSWA 2025 Native Plant Program

<p>mistflower <i>Conoclinium coelestinum</i></p>	<p>Bees: bumbles, cuckoo, leafcutter, long-horned, metallic green sweat, small carpenter, small sweat, sweat Butterflies: clouded sulphur, skippers (Dun, Peck's, tawny-edge), monarch, pearl crescent, viceroy Moths: yellow-collared scape moth Wasps: thread-waisted Others: flies (bee, house, hover, Tachnid), goldenrod soldier beetle</p>
<p>narrowleaf mountain mint <i>Pycnanthemum tenuifolium</i></p>	<p>Bees: bumble, cellophane, cuckoo, eastern carpenter, green sweat, leafcutter, long-horned, mason, mining, resin, small carpenter, small sweat, sweat, woolcarder, yellow-faced Butterflies: American lady, American snout, black dash, bronze copper, cabbage white, checkered white, clouded sulphur, common buckeye, Common wood-nymph, eastern tailed-blue, eastern tiger swallowtail, great spangled fritillary, hairstreaks (banded, coral, gray, juniper), Juvenal's duskywing, little wood satyr, mottled duskywing, painted lady, pearl crescent, pipevine swallowtail, red admiral, skippers (broad-winged, fiery, Peck's, silver-spotted, tawny-edged), slivery checkerspot, variegated fritillary, viceroy Moths: webworm, yellow-collared scape Wasps: beewolves, black, club-horned, cuckoo, digger, grass-carrying, great, mason, paper, potter, sand, Scoliid, spider, thread-waisted Other: beetles (long-horned, soldier, tumbling flower, wedge-shaped), flies (bee, blow, dance, house, hover, Mydas, soldier, Tachinid, thick-headed), Formicidae ants, weevil Larval Host Species: wavy-lined emerald butterfly</p>
<p>New England aster <i>Symphyotrichum novae-angliae</i></p>	<p>Bees: bumble, cellophane, cuckoo, eastern carpenter, green sweat, leafcutter, long-horned, mining, small carpenter, small sweat, sweat, woolcarder, yellow-faced Butterflies: American lady, black swallowtail, cabbage white, clouded sulphur, fiery skipper, monarch, orange sulphur, painted lady, pearl crescent, Peck's skipper, red admiral, Viceroy Moths: looper, white-lined sphinx, yellow-collared scape Wasps: sand Other: flies (bee, blow, house, hover), leaf beetles, soldier beetles Larval Host Species: pearl crescent, Canadian conia moth Specialist Species: mining bees (<i>Andrena spp.</i>), <i>Perdita octomaculata</i>, <i>Megachile inimical</i>, <i>Melissodes spp.</i>, <i>Calliopsis coloradensis</i>, <i>Colletes americanus</i></p>
<p>obedient plant <i>Physostegia virginiana</i></p>	<p>Bees: bumble, eastern carpenter, leafcutter, metallic green sweat, small carpenter, small sweat, sweat, yellow-faced Birds: ruby-throated hummingbird Butterflies: monarch, skippers, sulphurs, tiger swallowtails Moths: sphinx Others: burrowing bugs, Formicidae ants, goldenrod soldier beetle, two spotted stink bugs Larval Host Species: Henry's elfin butterfly</p>
<p>Pennsylvania sedge <i>Carex pensylvanica</i></p>	<p>Larval Host Species: grass-miner moths, Satyrs, skippers</p>
<p>plantainleaf pussytoes <i>Antennaria plantaginifolia</i></p>	<p>Bees: bumble, cuckoo, green sweat, leaf-cutter, mining, small carpenter, small sweat, sweat Butterflies: American lady, clouded sulphur, Juvenal's skipper, sleepy duskywing Moths: looper Wasps: cuckoo Other: false blister beetles, flies (blow, dance, frit, house, hover), jewel beetles Larval Host Plant: American lady</p>

GSWA 2025 Native Plant Program

<p>rattlesnake master <i>Eryngium yuccifolium</i></p>	<p>Bees: bumble, cellophane, cuckoo, eastern carpenter, green sweat, leaf-cutter, metallic green sweat, mining, small carpenter, small sweat, sweat, yellow-faced Butterflies: American snout, bronze copper, cabbage white, clouded sulphur, common buckeye, common sootywing, common wood-nymph, eastern tailed-blue, gray hairstreak, monarch, painted lady, pearl crescent, Peck's skipper, red-spotted purple, regal fritillary, silvery checkerspot, swallowtails (eastern tiger, pipevine, spicebush), tawny-edged skipper, viceroy Moth: bella, common sprangueia, ironweed clearwing, yellow-collared scape Wasps: potter, Scoliid, spider, thread-waisted, Tiphiid, velvet ant Other: beetles (blister, leaf, long-horned, scarab, shining flower, soldier, tumbling flower, wedge-shaped, weevil), flies (bee, blow, horse, house, hover, Mydas, soldier, Tachinid, thick-headed), Formicidae ants Larval Host Species: rattlesnake borer moth</p>
<p>river oats <i>Chasmanthium latifolium</i></p>	<p>Larval Host Species: northern pearly-eye, various skippers (Bell's roadside, bronzed roadside, common roadside, Linda's roadside, salt and pepper)</p>
<p>rose mallow <i>Hibiscus moscheutos</i></p>	<p>Bees: bumble, eastern carpenter, green sweat, little sweat, long-horned Birds: ruby-throated hummingbird Butterflies: silver-spotted skipper, Wasps: digger, potter Specialist Species: rose-mallow bee Larval Host Species: common checkered skipper, painted lady, gray hairstreak, lo moth, pearly wood nymph</p>
<p>sneezeweed <i>Helenium autumnale</i></p>	<p>Bees: bumble, cellophane, eastern carpenter, green sweat, leaf-cutter, long-horned, mining, small carpenter, small sweat, sweat Butterflies: bronze copper, cabbage white, clouded sulphur, pearl crescent, tawny-edged skipper Moths: yellow-collared scape Wasps: paper, sand, thread-waisted Other: black blister beetle, flies (bee, house, hover, thick-headed, Tachinid, weevil), soldier beetles, weevil Larval Host Species: dainty sulphur</p>
<p>spotted beebalm <i>Monarda punctata</i></p>	<p>Bees: bumble, cellophane, cuckoo, eastern carpenter, green sweat, leaf-cutter, long-horned, metallic green sweat, small carpenter, small sweat, sweat, fairy, woolcarder, yellow-faced Butterflies: silver-spotted skipper Wasps: digger, potter, Scoliid, thread-waisted, Tiphiid Other: beetles (antlike, checkered, longhorn, net-winged, soft-winged flower, soldier, tumbling flower, wedge-shaped, weevil), Formicidae ants, hover flies Specialist Species: black sweat bee, cuckoo (<i>Dufourea monardae</i>), fairy bee (<i>Perdita gerhardi</i>), mining bee (<i>Protandrena abdominalis</i>) Larval Host Species: gray marvel moth, northern crescent, pearl crescent, pyralid moth, snouth moth</p>
<p>swamp milkweed <i>Asclepias incarnata</i></p>	<p>Bees: bumble, cuckoo, digger, green sweat, large carpenter, leaf-cutter, metallic green sweat, mining, small sweat, small resin, small sweat, yellow-faced, Wasps: great black, great golden digger, paper, square-headed, thread-waisted, Tiphiid, Vespidae, yellowjacket Others: beetles (long-horned, milkweed leaf, red milkweed, soldier), flies (bee, green bottle, hover, Tachinid) Larval Host Species: monarch, milkweed tussock moth</p>
<p>turtlehead <i>Chelone glabra</i></p>	<p>Bees: bumble, long-horned, yellow-faced Larval Host Species: Baltimore checkerspot</p>

GSWA 2025 Native Plant Program

<p>white wood aster <i>Eurybia divaricata</i></p>	<p>Bees: bumble, long-horned, metallic green sweat, mining, small carpenter, small sweat, sweat bee, wool carder, yellow-faced Butterflies: American lady, cabbage white, clouded sulphur, gray comma, great spangled fritillary, monarch, orange sulphur, red admiral, red-spotted purple, silver-spotted skipper, small copper, viceroy Larval Host Species: dichomeris moth (<i>Dichomeris ochripalpella</i> and <i>D. bilobella</i>) Specialist Species: Drury's long-horned bee (<i>Melissodes druiellus</i>), mining bees (<i>Andrena spp.</i>, <i>Pseudopanurgus andrenoides</i>)</p>
<p>wild strawberry <i>Fragaria virginiana</i></p>	<p>Bees: bumble, cuckoo, green sweat, leaf-cutting, little sweat, long-horned, mason, metallic green sweat, mining, small carpenter, sweat, yellow-faced Butterflies: cabbage white, clouded sulphur, eastern tailed-blue, Juvenal's skipper, pearl crescent, roadside skipper Moths: looper Wasps: paper, thread-waisted Other: flies (bee, blow, dance, hover, soldier, thick-headed), Formicidae ants, jewel beetle, weevils Larval Host Species: gray hairstreak</p>
<p>woodland phlox <i>Phlox divaricata</i></p>	<p>Bees: bumbles, cellophane, long-horned, mason, metallic green sweat Butterflies: cabbage white, clouded sulphur, monarch, skippers (dreamy duskywing, silver-spotted, tawny-edge, Zabulon), swallowtails (black, eastern tiger, giant, pipevine, spicebush, zebra) Moths: clearwing, looper, twin-spotted sphinx, white-lined sphinx</p>
<p>wreath goldenrod <i>Solidago caesia</i></p>	<p>Bees: bumble, cuckoo, large carpenter, leafcutter, long-horned, metallic green sweat, small carpenter, small sweat, sweat, wool carder Butterflies: coral hairstreak Others: hoverflies, goldenrod soldier beetle Larval Host Species: wavy-lined emerald (<i>Synchlora aerata</i>) Specialist Species: <i>Colletes spp.</i>, mining bees (<i>Andrena spp.</i>), fairy (<i>Perdita octomaculata</i>)</p>
<p>zigzag goldenrod <i>Solidago flexicaulis</i></p>	<p>Bees: bumble, cuckoo, large carpenter, leaf-cutter, long-horned, metallic green sweat, mining, small carpenter, small sweat, sweat, woolcarder, yellow-faced Larval Host Species: bilobed dichomeris (<i>Dichomeris bilobella</i>), brown hooded owlet (<i>Cucullia convexipennis</i>), twirler moth (<i>Gnorimoschema gallaeasterella</i>), Specialist Species: <i>Colletes spp</i>, mining bees (<i>Andrena hirticincta</i>, <i>A. placata</i>, <i>A. simplex</i>)</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 Garden <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/>