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# PROTECTING POLLINATORS

# Recommended Indiana-native Plants for Attracting Pollinators

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This table provides important information about selecting plants for establishing pollinator habitats. It is a companion piece to *Protecting Pollinators: Best Management Practices for Indiana Pollinator Habitat* (Purdue Extension publication POL-5), available from the Education Store, www.edustore.purdue.edu.

#### **Plant Information**

The table provides information about many Indiananative plant species. Native plants are preferable because of their close partnerships with native pollinators. The **Plant Information** columns provide **Sun** and **Soil Moisture** requirements, plant **Height**, plant **Flower Color**, and plant **Bloom Time**.

If checked, the **Hard to Find** column designates a species that may be difficult to find for sale, but is both very important to pollinators and very common in remnant forests. These hard-to-find

species may already be on your land, so watch for them and conserve them if possible.

If checked, the **Ephemeral** column refers to species that come up each year in the spring, produce flowers and fruits, and then die-back by late May. While they are only aboveground for a few months each year, these ephemerals are particularly important to pollinators, because so few species are in bloom in early spring.

#### **Pollinator Connection**

The **Pollinator Connection** columns indicate which pollinator groups (**Bee**, **Beetle**, **Butterfly/Moth**, **Fly**, **Hummingbird**, and **Wasp**) use each plant species.

The **Special Notes** column notes whether a plant is a host for larval butterflies or moths or if it attracts specialist bees (those bees which only pollinate a few plant species).

The **Pollinator Magnets** column, if checked, indicates a plant species that attracts an abundance of pollinators, or a very high diversity of pollinators, based on literature and field experience.

#### Where Can You Buy These Plants?

Many of these plant species may be available from any plant retailer. Others will require you to find a business that specializes in native plants.

The Indiana Native Plant & Wildflower Society (INPAWS) certifies Grow Native businesses with a wide selection of Indiana native plants at **grownative indiana.org/buy-native**. Be careful you purchase plants that have not been treated with neonicotinoid insecticides (commonly used on ornamental plants). Avoid applying insecticides in your planting, because they may kill or injure pollinators.

#### Wildflowers\*

Common Name	Latin Name	Plant	Informati	ion											Pollin	ator Conr	ection					
			Sun			So	oil Moistu	re		Height	Flower Color	Bloom Time	Hard to Find	Ephemeral	Bee	Beetle	Butterfly/ Moth	Fly	Hummingbird	Wasp	Special Notes	Pollinator Magnets
		Full Sun	Part Shade	Shade	Wet	Wet Mesic	Mesic	Dry Mesic	Dry													
sweet flag	Acorus calamus	Х			Х	Х				2'-3'	green	spring				Х						
nodding wild onion	Allium cernuum	Х	Х				χ	Х	χ	1'-2'	pink	summer			Х							
rue anemone	Anemonella thalictroides	χ	Х	Х		Х	Х	Х		<1′	white	spring			Х							
columbine	Aquilegia canadensis	χ	Х	Х			χ	Х	Χ	1'-3'	red - yellow	spring			Х	Х			Х			
goat's beard	Aruncus dioicus	Х	Х			Х	χ			4'-6'	white	spring			Х	Х	Х				dusky azure host	*
wild ginger	Asarum canadense	χ	Х	Х			Х	Х	Χ	<1′	maroon	spring						Х				
marsh milkweed	Asclepias incarnata	Х			Х	Х	Х			3'-4'	pink	summer			Х	Х	Х				monarch host	*
Sullivant's milkweed	Asclepias sullivantii	χ				χ	χ			3'-4'	pink	summer			Х	Х	Х				monarch host	
common milkweed	Asclepias syriaca	Х				Х	χ	Х	χ	3'-5'	pink	summer			Х	Х	Х				monarch host	
butterflyweed	Asclepias tuberosa	Х					χ	Х	χ	1'-2'	orange	summer			Х		Х				monarch host	
whorled milkweed	Asclepias verticillata	Х					χ	Х	χ	1'-2'	white	summer			Х		Х				monarch host	
sky-blue aster	Aster azureus	Х					Х	Х	Χ	1′-2′	blue	fall			Х	Х					pearl crescent host	
heart-leaved blue wood aster	Aster cordifolius		Х	Х			Х	Х		1′-3′	blue	fall			Х	Х					pearl crescent host	
heath aster	Aster ericoides	Х					χ	Х	χ	1'-2'	white	fall			Х	Χ	Х	Х		χ	pearl crescent host	*
shining aster	Aster firmus	Х			Х	Х	Х			3'-4'	lavender	fall			Х	Х					pearl crescent host	
smooth aster	Aster laevis	Х				Х	Х	Х	Χ	3'-5'	blue	fall			Х	Х					pearl crescent host	
calico aster	Aster lateriflorus	Х	Х	Х		Х	Х	Х	Χ	1′-3′	white	fall			Х	Х		Х		Χ	pearl crescent host	
New England aster	Aster novae-angliae	Х			Х	Х	X	Х		3'-5'	purple	fall			Х	Х	Х	Х			pearl crescent host	
swamp aster	Aster puniceus	Х	Х		Х	Х				3'-6'	lavender	fall			Х	Х					pearl crescent host	
Short's aster	Aster shortii			Х			Х	Х		2'-3'	purple	fall			Х	Х					pearl crescent host	
flat-topped aster	Aster umbellatus	Х			Х	Х	Х			3'-5'	white	fall			Х	X					pearl crescent host	
blue false indigo	Baptisia australis	Х				Х	Χ			2'-4'	blue	spring			Х						silver-spotted skipper host	
white false indigo	Baptisia leucantha	Х				Х	Х	X	χ	3'-4'	white	summer			Х							
cream false indigo	Baptisia leucophaea	Х					Х	Х	Χ	1′	cream	spring			Х							
tickseed sunflower	Bidens aristosa	Х			Х	Х				1′-4′	yellow	summer/fall	Χ		Х		Х	Х		Х	dainty sulphur host	
false aster	Boltonia latisquama	Х				Х	Х			3'-6'	white	summer			Х	X	Х	Х		Х		*
marsh marigold	Caltha palustris	Х	Х	Х	Х	Х				1'-2'	yellow	spring			Х			Х				
spring cress	Cardamine bulbosa	Х	Х	Х	Х	Х				<1′	white	spring	Х	Х	Х			Х			bee specialist	*
cut-leaved toothwort	Cardamine concetenata		Х	Х			Х	Х	X	<1′	pink	spring	Х	Х	Х			Х			bee specialist; West Virginia white host	
wild senna	Cassia hebecarpa	Х				X	Х			3'-5'	yellow	summer			Х	Х					cloudless sulphur and sleepy orange host	
blue cohosh	Caulophyllum thalictroides		Х	Х		Х	Х			2'-4'	green	spring	Х		Х	X		Х				
white turtlehead	Chelone glabra	Х	Х		Х	Х				2'-4'	white	summer			Х		Х				Baltimore checkerspot host	
pink turtlehead	Chelone obliqua	Х	X		Х	X				2'-4'	pink	summer			Х		Х				Baltimore checkerspot host	
spring beauty	Claytonia virginica	Х	X	Х	Х	Х				<1′	pink	spring	X	X	Х			Х			bee specialist	*
blue-eyed Mary	Collinsia verna	.,	Х	Х	Х	Х			.,	<1′	blue	spring	Х	Х	Х		.,	X				*
lance-leaf coreopsis	Coreopsis lanceolata	Х					.,	X	X	1'-2'	yellow 	spring/summer			X	.,	Х	X		.,		
plains coreopsis	Coreopsis palmata	Х				ļ.,	X	X	Х	1'-2'	yellow 	summer			Х	Х	X	Х		X		
tall coreopsis	Coreopsis tripteris	Х				X	X	X	.,	6'-8'	yellow .	summer			X	.,	X	Х		Х	<b>.</b>	
purple prairie clover	Dalea purpurea	Х	.,	, , , , , , , , , , , , , , , , , , ,		- v	X	X	Х	1′-2′	purple	summer			X	Х	X	\ ,			dogface sulphur host	
dwarf larkspur	Delphinium tricorne	,,	Х	Х		X	X	X		<1′	purple	spring	Х	X	X	-	X	Х				
pale purple coneflower	Echinacea pallida	X			-	X	X	X	X	2'-4'	lavendar	spring/summer	-		X	-	X					
purple coneflower	Echinacea purpurea	Х		,,	-	X	X	X	X	3′-4′	purple	summer	.,	,,	X	-	Х	ļ.,				
harbinger of spring	Erigenia bulbosa	,,	Х	Х		X	X	X	X	<1′	white	spring	Х	X	X			X		.,	very early resource	*
rattlesnake master	Eryngium yuccifolium	Х		,,	-	X	X	X	X	3'-4'	white	summer/ fall			X	Х	Х	X		Х	black swallowtail host	*
white trout lily	Erythronium albidum		X	X		X	X	X	X	<1′	white	spring	X		X	-		X				
yellow trout lily	Erythroniun americanum	v	X	Х		X	X	X	X	<1′	yellow	spring	X		X	v	v	X		v		*
tall boneset	Eupatorium altissima	Х	Х		<u> </u>	Х	Х	Х	Х	3′-4′	white	fall	Х		Х	Х	Х	Х		Х		*

### **Wildflowers\***(continued)

hollow joe-pye weed Eupatoi spotted joe-pye weed Eupatoi sweet joe-pye weed Eupatoi white snakeroot Eupatoi late boneset Eupatoi queen of the prairie Filipend bottle gentian Gentian wild geranium Geraniu autumn sneezeweed Heleniu woodland sunflower Heliant downy sunflower Heliant showy sunflower Heliant showy sunflower Heliant false sunflower Heliant	patorium coelestinum patorium fistulosum patorium maculatum patorium purpureum patorium rugosum patorium serotinum ipendula rubra ntiana andrewsii ranium maculatum lenium autumnale liianthus divaricatus liianthus mollis liianthus rigidus liiopsis helianthoides	Full Sun  X X X X X X X X X X X X X X X X X X	Part Shade  X X X X	X X X X X X	Wet  X X X	Wet Mesic X X X X X X	Mesic X X X	Dry Mesic X	Dry	1'-2' 4'-9' 4'-6' 2'-4'	Flower Color  blue pink pink pink	Bloom Time fall fall	Hard to Find	Ephemeral	Bee X	Beetle X	Butterfly/ Moth	Fly X	Hummingbird	Wasp	Special Notes	Pollinator Magnets
hollow joe-pye weed Eupatoi spotted joe-pye weed Eupatoi sweet joe-pye weed Eupatoi white snakeroot Eupatoi late boneset Eupatoi queen of the prairie Filipend bottle gentian Gentian wild geranium Geraniu autumn sneezeweed Heleniu woodland sunflower Heliant downy sunflower Heliant showy sunflower Heliant showy sunflower Heliant false sunflower Heliant false sunflower Heliops hepatica Hepatic alum root Heuche	patorium fistulosum patorium maculatum patorium purpureum patorium serotinum ipendula rubra ntiana andrewsii ranium maculatum lenium autumnale lianthus divaricatus lianthus ccidentalis lianthus rigidus	X X X X X X X X X X X X X X X X	X X X X	X X X	X X X	Mesic X X X X X	X	Mesic X		4'-9' 4'-6' 4'-6' 2'-4'	blue pink pink	fall fall			Х	Х	у	X				
hollow joe-pye weed Eupatoi spotted joe-pye weed Eupatoi sweet joe-pye weed Eupatoi white snakeroot Eupatoi late boneset Eupatoi dueen of the prairie Filipend bottle gentian Gentian wild geranium Geraniu autumn sneezeweed Heleniu woodland sunflower Heliant downy sunflower Heliant western sunflower Heliant showy sunflower Heliant false sunflower Heliant false sunflower Heliops hepatica Hepatic alum root Heuche	patorium fistulosum patorium maculatum patorium purpureum patorium serotinum ipendula rubra ntiana andrewsii ranium maculatum lenium autumnale lianthus divaricatus lianthus ccidentalis lianthus rigidus	X X X X X	X	X X X	X	X X X	X	Х	Х	4'-9' 4'-6' 4'-6' 2'-4'	pink pink	fall			Х	Х	у	x				
hollow joe-pye weed Eupatoi spotted joe-pye weed Eupatoi sweet joe-pye weed Eupatoi white snakeroot Eupatoi late boneset Eupatoi dueen of the prairie Filipend bottle gentian Gentian wild geranium Geraniu autumn sneezeweed Heleniu woodland sunflower Heliant downy sunflower Heliant western sunflower Heliant showy sunflower Heliant false sunflower Heliant false sunflower Heliops hepatica Hepatic alum root Heuche	patorium fistulosum patorium maculatum patorium purpureum patorium serotinum ipendula rubra ntiana andrewsii ranium maculatum lenium autumnale lianthus divaricatus lianthus ccidentalis lianthus rigidus	X X X X X	X	X X X	X	X X X	X	Х	X	4'-9' 4'-6' 4'-6' 2'-4'	pink pink	fall									1	
spotted joe-pye weed Eupatoi sweet joe-pye weed Eupatoi white snakeroot Eupatoi late boneset Eupatoi queen of the prairie Filipend bottle gentian Gentian wild geranium Geraniu autumn sneezeweed Heleniu woodland sunflower Heliant downy sunflower Heliant showy sunflower Heliant showy sunflower Heliant false sunflower Heliant false sunflower Heliops hepatica Hepatic alum root Heuche	patorium maculatum patorium purpureum patorium rugosum patorium serotinum ipendula rubra ntiana andrewsii ranium maculatum lenium autumnale lianthus divaricatus lianthus mollis lianthus rigidus	X X X X X	X	X X X	X	XXX	Х		Х	4'-6' 4'-6' 2'-4'	pink				X	X	Α					
sweet joe-pye weed Eupaton white snakeroot Eupaton late boneset Eupaton queen of the prairie Filipenc bottle gentian Gentian wild geranium Geraniu autumn sneezeweed Heleniu woodland sunflower Heliant downy sunflower Heliant western sunflower Heliant showy sunflower Heliant false sunflower Heliant false sunflower Heliant false nunflower Heliant false fa	patorium purpureum patorium rugosum patorium serotinum ipendula rubra ntiana andrewsii ranium maculatum lenium autumnale lianthus divaricatus lianthus mollis lianthus rigidus liinthus rigidus	X X X X	X	X	X	X	Х		Х	4'-6' 2'-4'	-				X		Х	Х				
white snakeroot Eupatoi late boneset Eupatoi queen of the prairie Filipend bottle gentian Gentian wild geranium Geraniu autumn sneezeweed Heleniu woodland sunflower Heliant downy sunflower Heliant western sunflower Heliant showy sunflower Heliant false sunflower Heliant false sunflower Heliant false nuflower Heliant false	patorium rugosum patorium serotinum ipendula rubra ntiana andrewsii ranium maculatum lenium autumnale lianthus divaricatus lianthus mollis lianthus rigidus liinthus rigidus	X X X X	X	X	Х	Х		Х	Х	2'-4'		summer			Х	Х	Х	X				
late boneset Eupator queen of the prairie Filipent bottle gentian Gentian wild geranium Geraniu autumn sneezeweed Heleniu woodland sunflower Heliant downy sunflower Heliant western sunflower Heliant showy sunflower Heliant false sunflower Heliant false sunflower Heliant false nunflower Heliant false	patorium serotinum ipendula rubra ntiana andrewsii ranium maculatum lenium autumnale lianthus divaricatus lianthus mollis lianthus occidentalis lianthus rigidus	X X X X	X		Х			Х		_	white	fall	Х		X	X				Х		
queen of the prairie Filipent bottle gentian Gentian wild geranium Geraniu autumn sneezeweed Heleniu woodland sunflower Heliant downy sunflower Heliant western sunflower Heliant showy sunflower Heliant false sunflower Heliant false sunflower Heliops hepatica Hepatic alum root Heuche	pendula rubra ntiana andrewsii ranium maculatum lenium autumnale lianthus divaricatus lianthus mollis lianthus occidentalis lianthus rigidus	X X X X		X	Х		Х			3'-6'	white	fall			Х	Х	Х	Х		Х		*
bottle gentian Gentian wild geranium Geraniu autumn sneezeweed Heleniu woodland sunflower Heliant downy sunflower Heliant western sunflower Heliant showy sunflower Heliant false sunflower Heliant false sunflower Heliops hepatica Hepatic alum root Heuche	ranium maculatum lenium autumnale lianthus divaricatus lianthus mollis lianthus occidentalis lianthus rigidus liopsis helianthoides	X X X X		Х		Х	Х			4'-7'	pink	summer			Х	Х		Х				
wild geranium Geraniu autumn sneezeweed Heleniu woodland sunflower Heliant downy sunflower Heliant western sunflower Heliant showy sunflower Heliant false sunflower Heliops hepatica Hepatic alum root Heuche	lenium autumnale liianthus divaricatus liianthus mollis lianthus occidentalis lianthus rigidus liopsis helianthoides	X X		Х	,,			I		1′-2′	blue	fall			Х							
autumn sneezeweed Heleniu woodland sunflower Heliant downy sunflower Heliant western sunflower Heliant showy sunflower Heliant false sunflower Heliops hepatica Hepatic alum root Heuche	lenium autumnale liianthus divaricatus liianthus mollis lianthus occidentalis lianthus rigidus liopsis helianthoides	X X	Х				χ	Х		1′	lt. purp.	spring			Х		Х	Х			bee specialist	*
downy sunflower Heliant western sunflower Heliant showy sunflower Heliant false sunflower Heliops hepatica Hepatic alum root Heuche	lianthus mollis lianthus occidentalis lianthus rigidus liopsis helianthoides	Χ	Х		χ	Х	Х			3'-5'	yellow	fall			Х		χ	Х			silvery checkerspot host	+
downy sunflower Heliant western sunflower Heliant showy sunflower Heliant false sunflower Heliops hepatica Hepatic alum root Heuche	lianthus mollis lianthus occidentalis lianthus rigidus liopsis helianthoides				Х	Х				2'-6'	yellow	summer			Х	Х		х			bee specialist, painted lady host	*
western sunflower Heliant showy sunflower Heliant false sunflower Heliops hepatica Hepatic alum root Heuche	lianthus occidentalis lianthus rigidus liopsis helianthoides						Χ	Х	Χ	2'-4'	yellow	summer			Х	Х	Х	Х			bee specialist, painted lady host	*
showy sunflower Heliant false sunflower Heliops hepatica Hepatic alum root Heuche	lianthus rigidus liopsis helianthoides	Λ .					Х	X	Х	2'-3'	yellow	summer			Х	Х	Х	Х			bee specialist, painted lady host	
false sunflower Heliops hepatica Hepatic alum root Heuche	liopsis helianthoides	Х					Х	Х	Х	3'-5'	yellow	summer			Х	Х	Х	х			bee specialist, painted lady host	
hepatica Hepatic alum root Heuche		Х				Х	Х	Х		3'-5'	yellow	summer			Х		Х	Х			,,	
alum root Heuche	patica nobilis		Х	Х		X	Х	X		<1′	purple	spring	Х		Х			Х			very early resource, pollen only	
	uchera americana	Х					Х	X		1′-2′	wht-grn	summer			X						,,, , , ,,	_
	biscus moschuetos	Х			Х	Х				3'-6'	wht-pink	summer			Х						bee specialist, common checkered-skipper host	
	drophyllum pendiculatum		Х	Х			Х	Х		1′-2′	lavender	spring	Х	Χ	Х			Х			bee specialist	*
blue flag iris   Iris virg	virginica shrevei	Х			Х	Х	Χ			2'-3'	blue	spring/summer			Х		χ					
	tris aspera	Х					Х	Х	Х	1′-3′	purple	summer/ fall			Х	Х	Х	Х				*
	tris liqulistylis	Х				Х	Х			1′-3′	rose/purple	summer			Х	Х	χ	Х				*
	tris pycnostachya	Х				Х	Х	Х		3'-5'	purple	summer			Х	Х	Х	Х				*
savanna blazing star Liatris s	tris scariosa nieuwlandii	Х					Х	Х	Х	2'-3'	purple	summer			Х	Х	Х	Х				*
	tris spicata	Х			χ	Х	Х			3'-5'	purple	summer			Х	Х	χ	Х				*
	belia cardinalis	Х		Х	χ	Х				1′-3′	red	summer			Х				Х			
great blue lobelia Lobelia	belia siphilitica	Х		Х	χ	Х	Х			1′-3′	blue	summer			Х		Х	Х				
lupine Lupinus	pinus perennis	Х	Х					Х	Х	1′-2′	blue	spring			Х						pollen only; eastern tailed-blue and frosted elfin host	
fringed loosestrife Lysimaa	imachia ciliata	Х	Х		Х	Х	Х			1'-4'	yellow	summer	Х		Х						bee specialist	
<u> </u>	imachia quadriflora	Х		Х	χ	Х	Х			1′-3′	yellow	summer	Х		Х						bee specialist	
	ertensia virginica		Х	χ		Х	Х			1′-2′	blue	spring			Х							
monkeyflower Mimulu	mulus ringens	Х			Х	Х				2'-4'	lavender	summer			Х						common buckeye host	
bergamot Monard	onarda fistulosa	Х				Х	Χ	Х	Χ	2'-4'	lavender	summer			Х		χ			Х	·	*
	nothera pilosella	Х				Х	Χ			1′	yellow	summer			Х		Х					
heart-leaved golden ragwort Packera	ckera aurea	Х	Х	Х		Х	Х			1'-2'	yellow	spring	Х		Х			Х				
	rthenium integrifolium	Χ				Х	Х	Х		2'-3'	white	summer			Х		χ	Х		Х		
	Itandra virginica	Х			Х					2'-3'	green	summer	Х					Х			fly specialist	
	nstemon calycosus	Х		Х		Х	Х			2'-3'	purple	spring/ summer			Х						, ,	
	nstemon digitalis	Х				Х	Х	Х		2'-3'	white	summer			Х							
	nstemon hirsutus	Х				Х	Х	X	Х	1'-2'	purple	spring/ summer			Х							
	acelia bipinnatifida		Х	Х		Х	Х			1'-2'	purple	spring	Х	Х	Х			Х			bee specialist	
<u> </u>	ysostegia virginiana	Х			χ	Х	Х			2'-4'	pink	summer			Х		Х		Х			
<u> </u>	lemonium reptans		Х	Х		X	Х			1′-3′	purple	spring			Х			Х	**		bee specialist	_
	tentilla arguta	Х					X	Х	Х	2'-3'	sulfur	summer			X						.1	
	cnanthemum tenuifolium	Х				Х	X	X	Х	1'-2'	white	summer			Х		Х	Х		Х		

### **Wildflowers\*** (continued)

Common Name	Latin Name	Plant	Informat	ion											Pollina	ator Conr	nection					
			Sun			S	oil Moistu	ire		Height	Flower Color	Bloom Time	Hard to Find	Ephemeral	Bee	Beetle	Butterfly/ Moth	Fly	Hummingbird	Wasp	Special Notes	Pollinator Magnets
		Full Sun	Part Shade	Shade	Wet	Wet Mesic	Mesic	Dry Mesic	Dry													
common mountain mint	Pycnanthemum virginianum	Х			Х	Х	Х			1′-2′	white	summer			Х		Х	Х		χ		
yellow coneflower	Ratibida pinnata	Х					Х	Х		3'-5'	yellow	summer			Х	Х		Х		χ		
orange coneflower	Rudbeckia fulgida speciosa	Х				Х	Х	Х		2'-3'	gold	summer/ fall			Х		Х	Х		χ		
black-eyed Susan	Rudbeckia hirta	Х					Х	Х	X	1′-3′	yellow	summer			Х		Х	Х		Χ		
sweet black-eyed Susan	Rudbeckia subtomentosa	Х				Х	Х	Х		3'-5'	yellow	summer/ fall			Х		Х	Х		Χ		
common arrowhead	Sagittaria latifolia	Х			Х					1'-3'	white	summer	Χ		Х							
lizard's tail	Saururus cernuus	Х	Х	Х	Х					1'-2'	white	summer			Х							
downy skullcap	Scutellaria incana	Х	Х	Х		Х	Х	Х		2'-3'	blue	summer			Х							
wild stonecrop	Sedum ternatum	Х	Х	Х			Х			3"	white	spring			Х							
royal catchfly	Silene regia	Х	Х				Х	Х		2'-4'	red	summer			Х				Х			
rosinweed	Silphium integrifolium	Х				Х	Х	Х	Х	3'-6'	yellow	summer			Х	Х		Х				
compass plant	Silphium laciniatum	Х				Х	Х	Х	Х	5'-8'	yellow	summer			Х	Х		Х				
cup plant	Silphium perfoliatum	Х				Х	Х			5'-9'	yellow	summer			Х	Х	Х	Х		χ		
prairie dock	Silphium terebinthinaceum	Х				Х	Х	Х		5'-10'	yellow	summer			Х	Х			Х			
blue-stemmed goldenrod	Solidago caesia		Х	Х			Х	Х	Х	1'-3'	yellow	fall			Х	Х		Х			bee specialist	
zigzag goldenrod	Solidago flexicaulis		Х	Х			Х	Х	Х	1'-3'	yellow	fall			Х	Х		Х			bee specialist	
early goldenrod	Solidago juncea	Х					Х	Х	Х	1'-2'	yellow	summer			Х	Х	Х	Х		χ	bee specialist	*
gray goldenrod	Solidago nemoralis	Х					Х	Х	Х	1'-2'	yellow	fall			Х	Х	Х	Х		χ	bee specialist	*
Ohio goldenrod	Solidago ohioensis	Х			Х	Х	Х			2'-3'	yellow	fall			Х	Х	Х	Х		χ	bee specialist	
Riddell's goldenrod	Solidago riddellii	Х			Х	Х	Х			2'-4'	yellow	fall			Х	Х	Х	Х		χ	bee specialist	
stiff goldenrod	Solidago rigida	Х				Х	Х	Х	Х	3'-5'	yellow	fall			Х	Х	Х	Х		χ	bee specialist	*
wrinkled goldenrod	Solidago rugosa	Х			Х	Х	Х			2'-3'	yellow	fall			Х	Х	Х	Х		Х	bee specialist	*
showy goldenrod	Solidago speciosa	Х				Х	Х	Х	Х	1'-3'	yellow	fall			Х	Х	Х	Х		χ	bee specialist	
celandine poppy	Stylophorum diphyllum		Х	Х		Х	Х	Х		1'-2'	yellow	spring			Х			Х				
spiderwort	Tradescantia ohiensis	Х				Х	Х	Х	Х	2'-3'	blue	spring/ summer			Х			Х				*
large-flowered trillium	Trillium grandiflorum			Х		Х	Х	Х	Х	1'-2'	white	spring	Χ	Х	Х							
blue vervain	Verbena hastata	χ			χ	Х	Х			3'-5'	blue	summer			Х						bee specialist. buckeye host	
tall ironweed	Vernonia altissima	Х				Х	Х			4'-9'	purple	summer			Х	Х	Х					*
smooth ironweed	Vernonia fasciculata	χ				Х	Х			3'-6'	purple	summer			Х	Х	Х					
culver's root	Veronicastrum virginicum	χ				Х	Х	Х		3'-6'	white	summer			Х			Х		χ		
golden alexanders	Zizia aurea	Х				Х	Х			2'-4'	yellow	spring/ summer			Х	Х		Х			bee specialist, black swallowtail host	*

# **Trees and Shrubs\***

Trees and shrubs are a very important part of any pollinator planting, providing great amounts of nectar and pollen for pollinators.

Common Name	Latin Name	Plant	Informat	tion											Pollina	ator Conn	ection					
			Sun			Sc	oil Moistu	re		Height	Flower Color	Bloom Time	Hard to Find	Ephemeral	Bee	Beetle	Butterfly/ Moth	Fly	Hummingbird	Wasp	Special Notes	Pollinator Magnets
		Full Sun	Part Shade	Shade	Wet	Wet Mesic	Mesic	Dry Mesic	Dry													
red maple	Acer rubrum	Х	Х	Х		Χ	Х	Χ		to 95'	yellow	spring			χ		Х	Х		Х		
sugar maple	Acer saccharum	Х	Х	Х			Χ			to 100'	yellow	spring			Х		Х	Х		Х		
Ohio buckeye	Aesculus glabra	Х	Х	Х		χ	χ			to 35'	yellow	spring			Х				Х			
serviceberry	Amelanchier arborea	Х	Х	Х		Х	Χ	χ		10-25′	white	spring			Х	Х		Х			striped hairstreak host	
leadnlant	Amornha canescens	Х					χ	χ	Х	1'-3'	nurnle	summer			Х						southern dogface host	*

### Trees and Shrubs\* (continued)

Common Name	Latin Name	Plant	Informati	ion											Pollina	ator Conr	ection					
			Sun			S	oil Moistu	re		Height	Flower Color	Bloom Time	Hard to Find	Ephemeral	Bee	Beetle	Butterfly/ Moth	Fly	Hummingbird	Wasp	Special Notes	Pollinator Magnets
		Full Sun	Part Shade	Shade	Wet	Wet Mesic	Mesic	Dry Mesic	Dry													
indigo bush	Amorpha fruticosa	Х	Х		Х	Х				4'-16'	purple	summer			Х	Х						
devil's walking stick	Aralia spinosa	Х	Х				Х	Х		10'-20'	white	summer	Х		Х	Х	Х	Х		χ		*
black chokeberry	Aronia melanocarpa	Х	Х			Х	Х			2'-4'	white	summer			Х			Х			coral hairstreak host	
pawpaw	Asimina triloba		Х	Х		Х	Х			10'-40'	purple	spring				Х		Х			zebra swallowtail host	
New Jersey tea	Ceanothus americanus	Х	Х				Х	Х	Х	1′-3′	white	summer			Х		Х	Х		Х	summer azure and mottled duskywing host	*
buttonbush	Cephalanthes occidentalis	Х	Х		Х	Х	Х			6'-12'	white	summer			Х		Х	Х		Х		
redbud	Cercis canadensis	Х	Х	Х			Х	Х		20'-30'	pink	spring			Х	Х	Х	Х		χ		*
silky dogwood	Cornus amomum	Х	Х			Х	Х			6'-12'	white	summer			Х						bee specialist, summer azure host	
grey dogwood	Cornus racemosa	Х	Х			Х	Х	Х		10'-15'	white	spring			Х						bee specialist, summer azure host	
persimmon	Diospyros virginiana	Х	Х				Х	Х	χ	to 60'	white	spring			Х			Х				
winterberry	llex verticillata	Х	Х	Х	Х	Х	Х			6'-15'	white	summer			Х						Henry's elfin host	
spicebush	Lindera benzoin		Х	Х		Х	Х			6′-12′	yellow	spring					Х	Х			eastern tiger , black, and spicebush swallowtail host	
tulip tree	Liriodendron tulipifera	Х	Х			Х	Х	Х		70′-100′	yellow	spring			Х						eastern tiger swallowtail host	
ninebark	Physocarpus opulifolius	Х	Х				Х	Х		5'-8'	white	spring/ summer			Х	Х	Х					
shrubby cinquefoil	Potentilla fruticosa	Х	Х		Х	Х	Х			2'-4'	yellow	summer			Х		Х				Dorcas copper host	
black cherry	Prunus serotina	Х	Х	Х			Х	Х		50'-80'	white	spring			Х						eastern tiger swallowtail, red-spotted purple and coral hairstreak host	*
fragrant sumac	Rhus aromatica	Х	Х				Х	Х	Χ	2'-6'	yellow	spring			Х	Х		Х		χ		
winged sumac	Rhus copallinum	Х	Х				Х	Х	χ	7′-15′	green	summer			Х	Х		Х		χ	red-banded hairstreak host	*
prairie willow	Salix humilis	Х	Х			Х	Х	Х		2'-8'	green	spring			Х	Х	Х	Х		Х	bee specialist, eastern swallowtail and mourning cloak host	
black willow	Salix nigra	Х	Х		Х	Х				30'-60'	green	spring			Х	Х	Х	Х		Х	bee specialist, eastern swallowtail and mourning cloak host	
meadowsweet	Spirea alba	Х			Х	Х				2'-6'	white	summer			Х	Х	Х	Х				
steeplebush	Spirea tomentosa	Х			χ	Х				2'-4'	pink	summer			χ		Х					
coralberry	Symphoricarpos orbiculatus	Х	Х	Х			Х	χ		3-6′	white	summer			χ	Х	Х	Х		χ		
American basswood	Tilia americana	Х	Х	Х			Х			to 95'	white	summer			Х	Х	Х	Х		χ		
highbush blueberry	Vaccinium corymbosum	Х	Х			Х	Х			3'-15'	white	spring			χ		Х					*
maple leaf viburnum	Viburnum acerifolium	Х	Х	Х		Х	Х	Х		4'-6'	white	summer			Х		Х	Х			Henry's elfin host	
arrowwood viburnum	Viburnum dentatum	Х	Х	Х		Х	Х	Х		3'-9'	white	summer			Х		Х	Х			Henry's elfin host	

# **Grasses and Sedges\***

Grasses and sedges are wind pollinated and so aren't typically a food resource for adult pollinators; however, they can be important larval food hosts and provide important structure in grassland plantings. Here are just a few of the common native grasses and sedges you might choose from.

Common Name	Latin Name	Plant	Informat	ion											Pollin	ator Conn	ection					
			Sun			S	oil Moistu	re		Height	Flower Color	Bloom Time	Hard to Find	Ephemeral	Bee	Beetle	Butterfly/ Moth	Fly	Hummingbird	Wasp	Special Notes	Pollinator Magnets
		Full Sun	Part Shade	Shade	Wet	Wet Mesic	Mesic	Dry Mesic	Dry													
big bluestem	Andropogon gerardii	Χ				Х	Х			5'-8'		summer/ fall									byssus skipper host	
side-oats grama	Bouteloua curtipendula	Χ						Х	Χ	1′-3′		summer/ fall										
woodland brome	Bromus pubescens		Χ	Х			Х	Х		1′-3′		summer	Х									
blue-joint grass	Calamagrostis canadensis	χ			Х	Х				2'-4'		summer										

#### **Grasses and Sedges\*** (continued)

Common Name	Latin Name	Plant	Informat	tion											Pollin	ator Conn	ection					
			Sun			S	oil Moistu	ire		Height	Flower Color	Bloom Time	Hard to Find	Ephemeral	Bee	Beetle	Butterfly/ Moth	Fly	Hummingbird	Wasp	Special Notes	Pollinator Magnets
		Full Sun	Part Shade	Shade	Wet	Wet Mesic	Mesic	Dry Mesic	Dry													
yellow fox sedge	Carex annectens var. xanthocarpa	Х			Х	Х	Х			2'-3'		spring/ summer										
bracted oak sedge	Carex cephalophora	Х	Х	Х				Х	Х	1′		spring										
lance-fruited oval sedge	Carex scoparia	Х	Х		Х	Х				2'-3'		spring/ summer										
tussock sedge	Carex stricta	Х	Х		Х	Х				2′		spring/ summer									Appalachian and eyed browns, mulberry wing, and black dash host	
fox sedge	Carex vulpinoidea	Х	Х		Х	Х	Х			2'-3'		spring/ summer										
Canada wild rye	Elymus canadensis	Х	Х				Х	Х		3'-4'		summer										
riverbank wild rye	Elymus riparius		Х	Х		Х	Х			3'-5'		summer										
Virginia wild rye	Elymus virginicus		Х	Х		Х	Х			2'-3'		summer										
bottlebrush grass	Elymus hystrix v. hystrix		Х	Х			Х	Х		3'-5'		summer									northern pearly-eye host	
switch grass	Panicum virgatum	Х				Х	Х			3′-5′		summer									Hobomok skipper, Indian skipper, and Leonard's skipper host	
little bluestem	Schizachyrium scoparium	Х					Х	Х	Х	2'-3'		summer/ fall									Indian skipper, dusted skipper, and swarthy skipper host	
indian grass	Sorghastrum nutans	Х					Х	Х	Х	4'-6'		summer/ fall										
prairie cordgrass	Spartina pectinata	Х			χ	Х				4'-7'		summer										
prairie dropseed	Sporobolus heterolepsis	Х					Х	Х		1'-3'		summer/ fall										

<sup>\*</sup> The nomenclature for wildflowers follows Field Guide to Indiana Wildflowers by Kay Yatskievych (2000). The nomenclature for trees and shrubs and grasses and sedges follows the most recent naming conventions.



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