

Quick Guide for New York General Pollinator & Monarch Habitat Seed Mixes



Whorled:

	Bloom Color	Stem
Spotted Joe Pye Weed (<i>Eutrochium maculatum</i>)	Pink	Smooth-hairy
Whorled Rosinweed (<i>Silphium trifoliatum</i>)	Yellow	Smooth
Culver's root (<i>Veronicastrum virginicum</i>)	White	Smooth-hairy



Opposite:

	Bloom Color	Stem
Lance-Leaved Coreopsis (<i>Coreopsis lanceolata</i>)	Yellow	Mostly hairless
Oxeye Sunflower (<i>Heliopsis helianthoides</i>)	Yellow	Smooth
Spotted Beebalm (<i>Monarda punctata</i>)	Green	Hairy, squared stem
Purple Bergamot (<i>Monarda media</i>)	Purple	Hairy, squared stem
Blue Vervain (<i>Verbena hastata</i>)	Purple	Rough short hairs
Hoary Vervain (<i>Verbena stricta</i>)	Purple	Hairy – whitish hairs
Blue Mistflower (<i>Conoclinium coelestinum</i>)	Purple	Soft/Downy, Purplish
Swamp Milkweed (<i>Asclepias incarnata</i>)	Pink	Smooth-weakly hairy, soft
Wild Bergamot (<i>Monarda fistulosa</i>)	Pink	Hairy, squared
Common Milkweed (<i>Asclepias syriaca</i>)	Pink	Smooth-wooly
Boneset (<i>Eupatorium perfoliatum</i>)	White	Hairy
Rattlesnake Master (<i>Eryngium yuccifolium</i>)	White	Smooth
Tall White Beardtongue (<i>Penstemon digitalis</i>)	White	Smooth-hairy, fine
Clustered Mountainmint (<i>Pycnanthemum muticum</i>)	White	Smooth, squared stem
Narrowleaf Mountainmint (<i>Pycnanthemum tenuifolium</i>)	White	Smooth, squared stem
Virginia Mountainmint (<i>Pycnanthemum virginianum</i>)	White	Hairy, squared stem



Grasses:

Deertongue (<i>Dichantherium clandestinum</i>)	Green	Hairy
Canada Wildrye (<i>Elymus canadensis</i>)	Green	Smooth
Virginia Wildrye (<i>Elymus virginicus</i>)	Green	Smooth



United States Department of Agriculture
Natural Resources Conservation Service

**POLLINATOR
PARTNERSHIP**



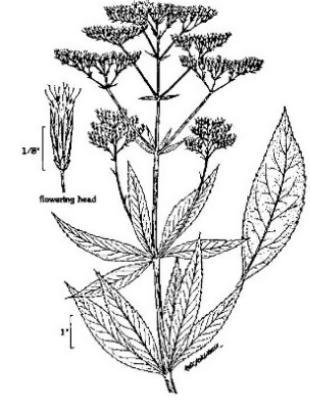





Alternate:

	Bloom Color	Stem
Eastern Columbine (<i>Aquilegia canadensis</i>)	Red	Hairy, soft
Cardinal Flower (<i>Lobelia cardinalis</i>)	Red	Smooth
Perennial Blanketflower (<i>Gaillardia aristata</i>)	Orange	Hairy
Butterfly Milkweed (<i>Asclepias tuberosa</i>)	Orange	Hairy, soft
Partridge Pea (<i>Chamaecrista fasciculata</i>)	Yellow	Smooth-hairy
Plains Coreopsis (<i>Coreopsis tinctoria</i>)	Yellow	Smooth
Flat-top Goldentop (<i>Euthamia graminifolia</i>)	Yellow	Smooth, thin row fine white hairs
Common Sneezeweed (<i>Helenium autumnale</i>)	Yellow	Smooth-hairy
Purple Sneezeweed (<i>Helenium flexuosum</i>)	Yellow	Smooth-hairy
Narrowleaf Sunflower (<i>Helianthus angustifolius</i>)	Yellow	Hairy, soft
Blackeyed Susan (<i>Rudbeckia hirta</i>)	Yellow	Hairy
Orange Coneflower (<i>Rudbeckia fulgida</i>)	Yellow	Sparsely hairy
Wild Senna (<i>Senna hebecarpa</i>)	Yellow	Smooth-hairy
Golden Alexanders (<i>Zizia aurea</i>)	Yellow	Smooth
Gray Headed Coneflower (<i>Ratibida pinnata</i>)	Yellow	Rough, slightly ridged
Wreath Goldenrod (<i>Solidago caesia</i>)	Yellow	Smooth, bluish
Early Goldenrod (<i>Solidago juncea</i>)	Yellow	Smooth
Rough Goldenrod (<i>Solidago patula</i>)	Yellow	Smooth, squared stem
Wrinkleleaf Goldenrod (<i>Solidago rugosa</i>)	Yellow	Rough, very hairy
Showy Goldenrod (<i>Solidago speciosa</i>)	Yellow	Smooth-hairy, round
Yellow Wingstem (<i>Verbesina alternifolia</i>)	Yellow	Rough, hairy (scabrous), winged
Great Blue Lobelia (<i>Lobelia siphilitica</i>)	Blue	Smooth-Hairy, coarse
Purplestem Aster (<i>Symphotrichum puniceum</i>)	Blue	Hairy, reddish
Smooth Blue Aster (<i>Symphotrichum laeve</i>)	Blue	Smooth, whitish bloom
Ohio Spiderwort (<i>Tradescantia ohioensis</i>)	Purple	Smooth, sometimes glaucous
New York Ironweed (<i>Vernonia noveboracensis</i>)	Purple	Smooth, rough, or soft hairs
New England Aster (<i>Symphotrichum novae-angliae</i>)	Purple	Hairy
Zigzag Aster (<i>Symphotrichum prenanthoides</i>)	Purple	Hairy-smooth
New York Aster (<i>Symphotrichum novi-belgii</i>)	Pink	Smooth
Tall Blazing Star (<i>Liatris aspera</i>)	Pink	Rough and stiff
Dense Blazing Star (<i>Liatris spicata</i>)	Pink	Usually smooth, sometimes coarse
Purple Coneflower (<i>Echinacea purpurea</i>)	Pink	Smooth
Pennsylvania Smartweed (<i>Polygonum pennsylvanicum</i>)	Pink	Smooth-hairy on upper stem
Flat-Topped White Aster (<i>Doellingeria umbellata</i>)	White	Smooth
Calico Aster (<i>Symphotrichum lateriflorum</i>)	White	Hairy, soft – smooth



Whorled Leaf Arrangement

Species	ID Tips
<p>Whorled Rosinweed (<i>Silphium trifoliatum</i>)</p>  <p>Britton, N.L., and A. Brown</p>	 <p>Photo: Ernst Seeds</p>
<p>Spotted Joe Pye Weed (<i>Eutrochium maculatum</i>)</p>  <p>NRCS National Wetland Team</p>	 <p>Alex Katovich, via Bugwood.org 1479037</p>
<p>Culver's root (<i>Veronicastrum virginicum</i>)</p>  <p>NRCS National Wetland Team</p>	 <p>Photo: Shawna Clark</p>

Stem smooth.

Leaves rough.

Middle leaves in whorls of 3 or 4

Flower heads 1.5-2" wide, 15-20 rays

Bloom: July-September

Stem smooth to covered in short, fine hairs.

Sometimes glaucous (blueish waxy coating).

Stem can be deep purple or green with purple spots.

Bloom: July-September

Stem smooth, sometimes hairy.

Whorled, 3-7 leaves.

Finely toothed leaves.





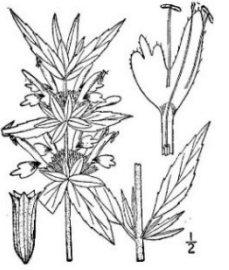

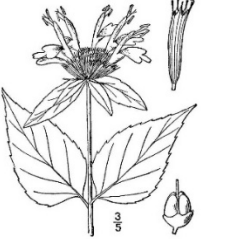

White tubular flowers in spikes. Bloom:

June-August













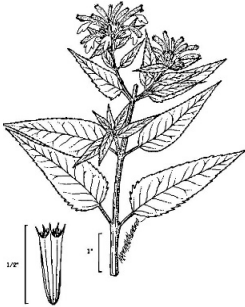

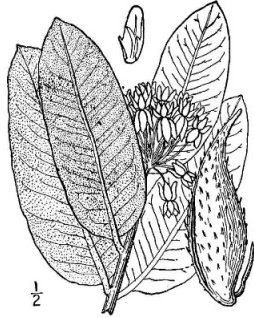

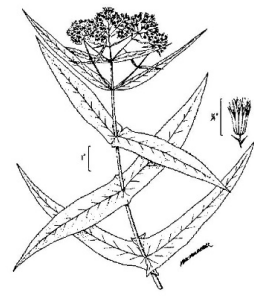



Opposite Leaf Arrangement

Species		ID Tips
<p>Lance-Leaved Coreopsis (<i>Coreopsis lanceolata</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Stem mostly hairless, may have smooth or short soft hairs.</p> <p>Basal leaves are lanced-shaped and lack lobes.</p> <p>3-7 lobes at the tip of the ray (petals).</p> <p>Bloom: May-August</p>
<p>Oxeye Sunflower (<i>Heliopsis helianthoides</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Stem and leaves smooth.</p> <p>Prominent veins on leaves.</p> <p>Disk/centers are cone shaped.</p> <p>Rays are fertile unlike true sunflowers.</p> <p>Bloom: June-September</p>
<p>Spotted Beebalm (<i>Monarda punctata</i>)</p>  <p>Britton, N.L., and A. Brown</p>	 <p>Jeff McMillan, via Bugwood.org</p>	<p>Stem covered in hairs.</p> <p>Squared stem.</p> <p>Leaf margins toothed.</p> <p>Leaves smooth to fine, short hairs.</p> <p>Bloom: July-September</p>
<p>Purple Bergamot (<i>Monarda media</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Stem smooth or sparsely hairy.</p> <p>Squared stem.</p> <p>Leaf triangular shaped (deltoid) and toothed.</p> <p>Citrus mint aroma.</p> <p>Bloom: June-August</p>

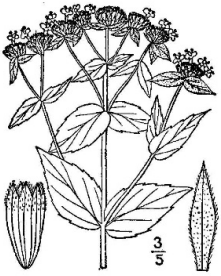







	Species	ID Tips
<p>Blue Vervain (<i>Verbena hastata</i>)</p>  <p>NRCS National Wetland Team</p>		<p>Stem covered in rough, short hairs.</p> <p>Leaves can be smooth, rough to the touch, or with stiff sharp hairs.</p> <p>Toothed leaves.</p> <p>Bloom: July-September</p>
<p>Hoary Vervain (<i>Verbena stricta</i>)</p>  <p>Britton, N.L., and A. Brown</p>	 <p>Peter Dziuk, Minnesota Dept. of Ag., via Bugwood.org 5551223</p>	<p>Stem is covered in whitish hairs.</p> <p>Flowers purple, sometimes pink.</p> <p>Leaves egg shaped, coarsely toothed, hairy on both sides.</p> <p>Bloom: June-September</p>
<p>Blue Mistflower (<i>Conoclinium coelestinum</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Stem soft/downy, purplish.</p> <p>Triangular shaped leaves.</p> <p>Also known as <i>Eupatorium coelestinum</i>.</p> <p>Bloom: September-Oct</p>
<p>Swamp Milkweed (<i>Asclepias incarnata</i>)</p>  <p>NRCS National Wetland Team</p>		<p>Stem smooth to weakly covered in short, soft hairs.</p> <p>Leaf margin smooth.</p> <p>Milky sap when leaves/stem are broken.</p> <p>Bloom: June-August</p>



	Species	ID Tips
<p>Wild Bergamot (<i>Monarda fistulosa</i>)</p>  <p>NRCS National Wetland Team</p>		<p>Stem squared; covered in hairs.</p> <p>Leaves thinly hairy or smooth; Leaf margins toothed.</p> <p>Citrus-mint aroma.</p> <p>Bloom: July-September</p>
<p>Common Milkweed (<i>Asclepias syriaca</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Stem smooth to wooly.</p> <p>Leaves softly hairy and wooly (tomentose) underneath, leaf margins smooth.</p> <p>Fragrant flowers.</p> <p>Milky sap when leaf/stems are broken.</p> <p>Bloom: June-August</p>
<p>Boneset (<i>Eupatorium perfoliatum</i>)</p>  <p>NRCS National Wetland Team</p>		<p>Stem covered in hairs.</p> <p>Stem appears to pass through the leaf.</p> <p>Leaves have a wrinkly texture.</p> <p>Bloom: July-September</p>
<p>Tall White Beardtongue (<i>Penstemon digitalis</i>)</p>  <p>NRCS National Wetland Team</p>		<p>Stem smooth to covered in short, fine hairs.</p> <p>Leaves clasping stem, cordate shaped leaves; shiny.</p> <p>Stamen sticks out like a tongue.</p> <p>Finely toothed leaf margins.</p> <p>Bloom: June-July</p>

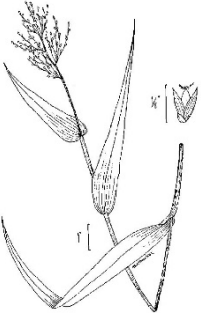





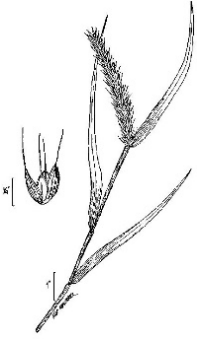




	Species	ID Tips
<p>Clustered Mountainmint (<i>Pycnanthemum muticum</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Stem smooth.</p> <p>Leaves egg shaped, sharply toothed.</p> <p>Veins prominent.</p> <p>Bloom: July-September</p>
<p>Narrowleaf Mountainmint (<i>Pycnanthemum tenuifolium</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Smooth stem, squared.</p> <p>Leaves very narrow with prominent central vein, smooth leaf margins.</p> <p>Many branches, gives a bushy appearance.</p> <p>Pleasant minty scent.</p> <p>Bloom: June-September</p>
<p>Virginia Mountainmint (<i>Pycnanthemum virginianum</i>)</p>  <p>Britton, N.L., and A. Brown</p>	 <p>https://www.illinoiswildflowers.info/prairie/plants/cmt_mintx.htm</p>	<p>Hairy stem, squared.</p> <p>Lance shaped leaves, stalkless.</p> <p>Minty scent.</p> <p>Bloom: June-September</p>











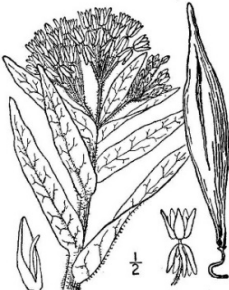

Grasses

Species			ID Tips
<p>Deertongue (<i>Dichanthelium clandestinum</i>)</p>  <p>NRCS National Wetland Team</p>	 <p>Ohio State Weed Lab, via Bugwood.org 1550038</p>	 <p>Alternate</p>	<p>Stem (culm) covered in hairs.</p> <p>Leaves are hairless.</p> <p>Base of leaf blades surround sheath.</p> <p>Produces seed twice: spring and late summer.</p>
<p>Canada Wildrye (<i>Elymus canadensis</i>)</p>  <p>Hitchcock, A.S. (rev. A. Chase)</p>	 <p>Dave Powell, USDA Forest Service, via Bugwood.org UGA1243091</p>	 <p>Alternate</p>	<p>Stem (culm) smooth.</p> <p>Short rough hairs on leaves (scabrous).</p> <p>Bristles are coarse, thick, and curved outward.</p>
<p>Virginia Wildrye (<i>Elymus virginicus</i>)</p>  <p>NRCS National Wetland Team</p>	 <p>Larry Allain, USGS Wetlands Research Center © Larry Allain</p>	 <p>Alternate</p>	<p>Stem (culm) smooth.</p> <p>Leaves are hairy to smooth on top and rough to the touch on the bottom (scaberulous).</p> <p>Awns (stiff sharp bristles on flowerhead) are shorter than <i>E. canadensis</i>.</p>

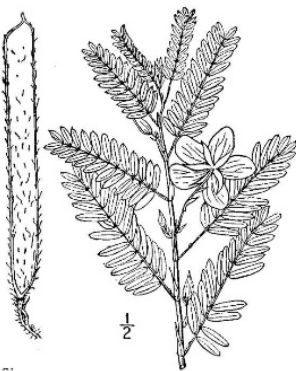





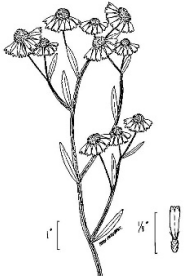









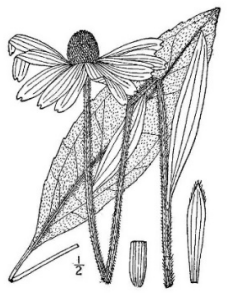

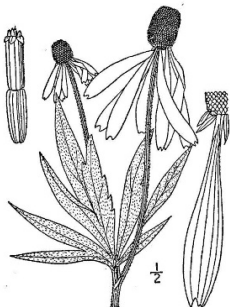

Alternate Leaf Arrangement

Species		ID Tips
<p>Eastern Columbine (<i>Aquilegia canadensis</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Stem covered in soft hairs.</p> <p>Leaflets are divided into 3 rounded lobes; may be further subdivided.</p> <p>Leaves attached predominately at the base of the plant.</p> <p>Bloom: May-June</p>
<p>Cardinal Flower (<i>Lobelia cardinalis</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Stem smooth.</p> <p>Leaves offset from each other on the stem.</p> <p>Leaves are toothed.</p> <p>Lower surface of leaves often purple.</p> <p>Bloom: July-September</p>
<p>Perennial Blanketflower (<i>Gaillardia aristata</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Stem and leaves covered in hairs.</p> <p>Center/disk is fuzzy.</p> <p>Bloom: May-September</p>
<p>Butterfly Milkweed (<i>Asclepias tuberosa</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Stem covered in soft hairs.</p> <p>Leaf margin smooth.</p> <p>No milky sap from stem/leaves when broken.</p> <p>Showy, orange umbel flowers.</p> <p>Bloom: June-August</p>











Species		ID Tips
<p>Partridge Pea (<i>Chamaecrista fasciculata</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Stem smooth or with minute hairs.</p> <p>Annual</p> <p>5-18 pairs of leaflets; sometimes leaves will fold when touched.</p> <p>Bloom: July-September</p>
<p>Plains Coreopsis (<i>Coreopsis tinctoria</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Stem smooth.</p> <p>Annual</p> <p>No basal leaves.</p> <p>3 lobes at the tip of the ray (petals).</p> <p>Leaves very narrow.</p> <p>Bloom: June-September</p>
<p>Common Sneezeweed (<i>Helenium autumnale</i>)</p>  <p>NRCS National Wetland Team</p>		<p>Stem smooth or hairy.</p> <p>Rays droop, 3-toothed.</p> <p>Bases of the leaves extend down the stem as wings.</p> <p>Bloom: August-October</p>
<p>Purple Sneezeweed (<i>Helenium flexuosum</i>)</p>  <p>NRCS National Wetland Team</p>	 <p>Nelson Debarros, via USDA PLANTS</p>	<p>Stem smooth or hairy.</p> <p>3-lobed rays (petals).</p> <p>Disk (center) purple or brown.</p> <p>Bases of the leaves extend down the stem as wings.</p> <p>Bloom: August-October</p>











Species	ID Tips
<p>Narrowleaf Sunflower (<i>Helianthus angustifolius</i>)</p>  <p>NRCS National Wetland Team</p>	 <p>Lawrence S. Gilliam, via USDA PLANTS © Lawrence S. Gilliam 2024</p>
<p>Orange Coneflower (<i>Rudbeckia fulgida</i>)</p>  <p>Britton, N.L., and A. Brown</p>	 <p>Chris Evans, Univ. of Illinois, via Bugwood.org 5427105</p>
<p>Blackeyed Susan (<i>Rudbeckia hirta</i>)</p>  <p>Britton, N.L., and A. Brown</p>	
<p>Gray Headed Coneflower (<i>Ratibida pinnata</i>)</p>  <p>Britton, N.L., and A. Brown</p>	 <p>Photo: Shawna Clark</p>







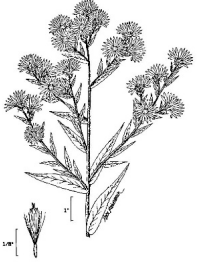



Species		ID Tips
<p>Yellow Wingstem (<i>Verbesina alternifolia</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Rough hairy stems (scabrous).</p> <p>Wings on the stem.</p> <p>10 or less rays (petals), drooping.</p> <p>Bloom: July-October</p>
<p>Flat-top Goldenrod or Grass-leaved Goldenrod (<i>Euthamia graminifolia</i>)</p>  <p>NRCS National Wetland Team</p>	 <p>Ohio State Weed Lab, via Bugwood.org 1556169</p>	<p>Stem mostly smooth except for thin rows of fine white hairs.</p> <p>Stem branched at the top, bushy.</p> <p>Grass-like leaves.</p> <p>3 veins on larger leaves, sometimes 2 additional.</p> <p>Bloom: July-September</p>
<p>Wreath Goldenrod or Blue-Stemmed Goldenrod (<i>Solidago caesia</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Smooth stem, bluish.</p> <p>Flowers grow in axils.</p> <p>3-4 rays (petals).</p> <p>Sharply toothed leaves.</p> <p>Bloom: August-October.</p>
<p>Early Goldenrod (<i>Solidago juncea</i>)</p>  <p>Britton, N.L., and A. Brown</p>	 <p>Ohio State Weed Lab, via Bugwood.org 1553191</p>	<p>Stem smooth.</p> <p>Basal leaves sharply toothed.</p> <p>Flowers in curved, one-sided clusters forming a large terminal cluster.</p> <p>Stem leaves decrease in size rapidly upwards.</p> <p>Bloom: July-September</p>











Species	ID Tips
<p>Wrinkleleaf Goldenrod (<i>Solidago rugosa</i>)</p>  <p>NRCS National Wetland Team</p>	 <p>Rob Kuntledge, Saint College, via Bugwood.org 5475376</p> <p>Stem very hairy or rough.</p> <p>Leaves toothed.</p> <p>Flowers in curved, one-sided clusters forming a large terminal cluster.</p> <p>Leaves usually rough with deep veins.</p> <p>Bloom: July-October</p>
<p>Rough-Leaved Goldenrod or Swamp Goldenrod (<i>Solidago patula</i>)</p>  <p>NRCS National Wetland Team</p>	 <p>William S. Justice, via USDA PLANTS © William S. Justice</p> <p>Stem smooth, leaves rough.</p> <p>Stem angled to squared.</p> <p>Upper leaf surface rough, underneath is smooth.</p> <p>Bloom: July-October</p>
<p>Showy Goldenrod (<i>Solidago speciosa</i>)</p>  <p>Britton, N.L., and A. Brown</p>	 <p>Photo: Shawna Clark</p> <p>Stem smooth to hairy.</p> <p>Stem is round (unlike <i>S. patula</i>).</p> <p>Long basal leaves present, wither away as it matures/flowering.</p> <p>Inflorescence curves upward.</p> <p>Bloom: Sept-Nov</p>
<p>Wild Senna (<i>Senna hebecarpa</i>)</p>  <p>Nelson DeBarros</p>	 <p>Stem smooth to bearing long, soft, shaggy, unmatted hairs.</p> <p>On the upper side of a petiole (near its base) is a small club-shaped gland.</p> <p>Wild senna seeds open when ripe, Maryland senna remains tightly closed.</p> <p>Bloom: July-August</p>



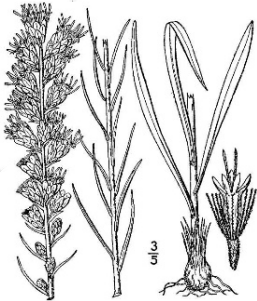



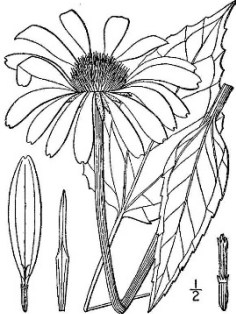



Species	ID Tips
<p>Golden Alexanders (<i>Zizia aurea</i>)</p>  <p>Britton, N.L., and A. Brown</p>	 <p>Stem smooth, shiny.</p> <p>One of the earliest species to bloom.</p> <p>Toothed leaflet margins.</p> <p>Yellow flower umbel (umbrella shaped).</p> <p>Bloom: April-June</p>
<p>Great Blue Lobelia (<i>Lobelia siphilitica</i>)</p>  <p>Britton, N.L., and A. Brown</p>	 <p>Stem smooth to coarse, stiff, but not sharply pointed hairs (hirsute).</p> <p>Leaf margins finely toothed.</p> <p>Bloom: July-October</p>
<p>Smooth Blue Aster (<i>Symphyotrichum laeve</i>)</p>  <p>Britton, N.L., and A. Brown</p>	 <p>Mary Ellen (Mel) Harte, via Bugwood.org UGA1358251</p> <p>Stem smooth, whitish bloom.</p> <p>Leaves thick, smooth to the touch.</p> <p>Middle and upper leaves w/heart shaped base, clasps stem.</p> <p>Bloom: August-October</p>
<p>Purplestem Aster (<i>Symphyotrichum puniceum</i>)</p>  <p>NRCS National Wetland Team</p>	 <p>Thomas G. Barnes, via USDA PLANTS</p> <p>Stem hairy, reddish.</p> <p>Larger leaves noticeably toothed.</p> <p>Leaves are NOT heart shaped.</p> <p>Leaves clasping base.</p> <p>Bloom: August-October</p>











Species		ID Tips
<p>Ohio Spiderwort (<i>Tradescantia ohiensis</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Stem smooth, whitish/bluish waxy coating (glaucous).</p> <p>Young stems/leaves have long fine hairs.</p> <p>Leaves margins smooth, grass like.</p> <p>Blooms in the morning or during cool, cloudy day.</p> <p>Bloom: May-July</p>
<p>New York Ironweed (<i>Vernonia noveboracensis</i>)</p>  <p>NRCS National Wetland Team</p>		<p>Stems smooth, rough, or covered in soft hairs.</p> <p>Leaves finely toothed; slightly rough above, underneath with fine to wooly hairs (tomentose).</p> <p>Bracts with long threadlike tips.</p> <p>Bloom: July-September</p>
<p>New England Aster (<i>Symphyotrichum novae-angliae</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Stem covered in hairs.</p> <p>Leaves clasping stem.</p> <p>Disks yellow, Rays purplish (petals).</p> <p>New England Aster usually has more rays (petals) than NY Aster.</p> <p>Bloom: August-October</p>
<p>New York Aster (<i>Symphyotrichum novi-belgii</i>)</p>  <p>Britton, N.L., and A. Brown</p>	 <p>William S. Justice, via USDA PLANTS © William S. Justice</p>	<p>Stem smooth to hairy.</p> <p>Narrow leaves, clasping stem.</p> <p>Disk yellow, red, or purple. Rays blue, purple, pink, red, or white (petals).</p> <p>NY aster is usually shorter and has thinner stems than New England Aster.</p> <p>Bloom: August-October</p>



Species	Species	ID Tips
<p>Tall Blazing Star (<i>Liatrix aspera</i>)</p>  <p>John Byrd, Miss. State Univ. via Bugwood.org UGA1391035</p>	 <p>Jeff McMillan by Almost Eden, via USDA PLANTS © Jeff McMillan</p>	<p>Stem rough and stiff.</p> <p>Button shaped flower heads, spaced.</p> <p>Grass-like leaves, short.</p> <p>Bloom: July-October</p>
<p>Dense Blazing Star (<i>Liatrix spicata</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Stems usually smooth, but sometimes coarse/stiff hairs are present.</p> <p>Grass-like leaves.</p> <p>Spike dense with flower heads, crowded and overlapping.</p> <p>Bloom: July-September</p>
<p>Zigzag Aster (<i>Symphotrichum prenanthoides</i>)</p>  <p>Britton, N.L., and A. Brown</p>	 <p>Photo: Shawna Clark</p>	<p>Stem hairy to smooth.</p> <p>Stem in zigzag pattern.</p> <p>Leaves clasping noticeably enlarged where it clasps the stem.</p> <p>Leaf margins toothed, lower portion of the leaf is narrow and entire (smooth).</p> <p>Bloom: August-October</p>
<p>Purple Coneflower (<i>Echinacea purpurea</i>)</p>  <p>Britton, N.L., and A. Brown</p>		<p>Stem smooth.</p> <p>Green stem with small purple streaks with scattered white hairs.</p> <p>Leaves smooth to bristly; margins becoming coarsely toothed with maturity.</p> <p>Bloom: July-September</p>



Species		ID Tips
<p>Pennsylvania Smartweed (<i>Polygonum pennsylvanicum</i>)</p>  <p>NRCS National Wetland Team</p>	 <p>Robin R. Buckallew, via USDA PLANTS © Robin R. Buckallew</p>	<p>Upper part of the stem has short glandular hairs.</p> <p>Lance shaped leaves.</p> <p>Leaves entire (smooth).</p> <p>Jointed stems.</p> <p>Bloom: June-October</p>
<p>Flat-Topped White Aster (<i>Doellingeria umbellata</i>)</p>  <p>Britton, N.L., and A. Brown</p>	 <p>Elmer Verhasselt, via Bugwood.org 5516980</p>	<p>Stem smooth.</p> <p>Leaf margins smooth.</p> <p>Sparse, short, soft hairs on the underside of the leaf.</p> <p>Bloom: July-September</p>
<p>Rattlesnake Master (<i>Eryngium yuccifolium</i>)</p>  <p>NRCS National Wetland Team</p>		<p>Stem smooth.</p> <p>Button-like flower heads, whitish green.</p> <p>Lower leaves stiff and spiny edged, parallel veined.</p> <p>Bloom: July-September</p>
<p>Calico Aster (<i>Symphotrichum lateriflorum</i>)</p>  <p>NRCS National Wetland Team</p>	 <p>Thomas G Barnes, via USDA PLANTS © Thomas G Barnes</p>	<p>Stem smooth to covered in soft hairs.</p> <p>Leaf margins toothed and smooth.</p> <p>Top of leaf smooth to hairy, underneath smooth with hairy midrib (central vein).</p> <p>Common name refers to diverse colors of the disk (center).</p> <p>Bloom: August-October</p>

