



Marianist Environmental Education Center
St. Joseph Hall, Mount St. John
4435 E. Patterson Road
Dayton, OH 45430-1095

Restoring communities of land and people.

Shop our plants at the Midwest
Native Plant Conference
native plant & artisan sale
Saturday, July 27, 9 a.m. - 5 p.m.
at the Bergamo Center

Cover image of monarch caterpillar on its host plant, milkweed, courtesy of Nathaniel Donat.



**Marianist
Environmental
Education
Center**

Native Plant Sale

**June 22, 2019
8 am - 1 pm**


**Mount St. John, Beavercreek
<https://meec.center>**

Grow Native!

Use native plants to...

- install a rain garden to manage storm water and reduce downstream flooding and erosion.
- create a bird, bee and butterfly garden to protect biodiversity.
- establish a prairie patch to reduce the time and energy you spend mowing and watering your lawn.
- add reliable flowers and foliage to problem areas in your yard.
- replace aggressive or invasive species.
- bring a bit of nature into even the smallest yard.
- attract pollinators and help their populations recover from decline.
- fashion a natural setting or use specimen plants for a formal look.

About our plants

- First-year wildflower, grass and sedge plants are sold in 1.5" X 5" Conetainers, ideal for developing deep, strong root systems. Most will flower in their second year. Select second-year plants are sold in 1-gallon pots. Shrubs are only available as second-year plants.
- Our plants are grown in the Mount St. John nursery and originated from local, seed sources unless otherwise noted. We propagate more than 130 native plant species. If you don't see a plant you're looking for, just ask – we may have it.
- All plants are perennials or self-seeding annuals/biennials unless noted.
- Nearly every plant in this catalog is a nectar plant for at least one species of butterfly. Butterfly icons  indicate caterpillar host plants, which are also critical to maintaining butterfly populations.

About the Sale

- Pre-orders received by June 8 will be available for pick-up during the sale on June 22 between 8 a.m. and 1 p.m. Send your order form by mail, fax or email. If you received this catalog without an order form, visit <https://meec.center>.
- Payments are due when plants are received. Donations are \$5.00 for Conetainers © and \$15 for wildflowers, grasses and sedges in 1-gallon pots, and \$20 for shrubs.
- If you have questions about selecting the best plants for your landscape, please contact us. Depending on your needs, you may wish to schedule an on-site land audit with a member of the MEEC team. Fees for this service available on request. Our *Gardening With Native Plants* workshop on June 15 will also be a great opportunity if you're just starting out. A registration form is located inside the back cover of this catalog.

What are the codes to the right of plant names?

The letters indicates the probability a plant will be found in a wetland community. A "+" indicates a higher probability a plant will be found in a wetland, while a "-" indicates a lower probability.

- OBL = Obligate Wetland; Occurs almost always (99% probability) under natural conditions in wetlands.
- FACW = Facultative Wetland; Usually (67%-99% prob.) occurs in wetlands.
- FAC = Facultative; Likely to occur in wetlands and non-wetlands (34%-66% probability)
- FACU = Facultative Upland; Usually (67%-99% prob.) occurs in non-wetlands.
- UPL = Upland; Occurs almost always (99% probability) in non-wetlands.

The numbers represent the plant's Coefficients of Conservatism (CoC). CoCs range from 1 to 10 and represent the probability that a plant will occur in a relatively unaltered landscape. For example, a C of C of 1 is given to plants that demonstrate little fidelity to any remnant natural community, and may be found almost anywhere. Similarly, a C of C of 10 is applied to plants that are almost always restricted to a pre-settlement remnant, i.e. a high quality natural area.

Starter plant lists for beginners

Not sure where to start? Here are some of our most popular and reliable plants for various conditions, selected for a variety of color and season-long bloom.

Small Prairie Garden (Sunny, mostly dry conditions)

Baptisia australis, Blue false indigo
Echinacea purpurea, Purple coneflower
Helianthus mollis, Ashy sunflower
Monarda fistulosa, Wild bergamot
Oligoneuron rigida, Stiff goldenrod
Schizachyrium scoparium, Little bluestem
Silene regia, Royal catchfly

Woodland Edge (Part to full shade, dry to moist conditions)

Anemone canadensis, Thimbleweed
Chasmanthium latifolium, River oat
Elymus canadensis, Canada wild rye
Pycnanthemum verticillatum, Hoary mountain mint
Rudbeckia triloba, Three-lobed coneflower
Solidago caesia, Blue-stemmed goldenrod
Symphyotrichum cordifolium, Heart-leaved aster
Campansulastrum americanum, Tall bellflower

Wet Woods/Wetland (Sunny to part shade, moist to wet)

Blephilia hirsuta, Hairy woodmint
Chasmanthium latifolium, Wild river oats
Chelone glabra, Turtlehead
Penstemon digitalis, Foxglove beardtongue
Rudbeckia fulgida, Orange coneflower
Symphyotrichum novea-angliae, New England aster
Zizia aurea, Golden Alexander
Carex Grayi, Gray's sedge

Bird, Bee & Butterfly Garden (Sunny-part shady, dry to moist)

Asclepias incarnata, Swamp milkweed
Bouteloua curtipendula, Side-oats grama
Echinacea purpurea, Purple coneflower
Elymus hystrix, bottlebrush grass
Eupatorium maculatum, Spotted Joe Pye-weed
Liatris spicata, Spiked blazingstar
Solidago nemoralis, Gray goldenrod

Shrubs to replace honeysuckle in a woods or woodland edge

Cornus racemosa, Gray dogwood
Corylus americana, American hazelnut
Euonymus atropurpureus, Eastern wahoo
Lindera benzoin, Spicebush
Ptelea trifoliata, Hop tree
Staphylea trifolia, American bladdernut
Viburnum prunifolium, Blackhaw

Species which are less palatable to deer

Aquilegia canadensis, Wild columbine
Asclepias spp., Milkweeds
Eryngium yuccifolium, Rattlesnake master
Eupatorium spp., Bonesets
Monarda fistulosa, Wild bergamot
Pycnanthemum spp., Mountain mints
Rudbeckia spp., coneflowers
Solidago spp., Goldenrods
Veronicastrum virginicum, Culver's root
Dasiphora fruticosa, Shrubby cinquefoil
Lindera benzoin, Spicebush
Prunus americana, American plum
Viburnum prunifolium, Blackhaw

WILDFLOWERS

NODDING PINK ALLIUM

Allium cernuum



Full sun-part shade, Dry-mesic
Flowers July-Aug., 1-2 ft. tall, 6 inch spread

Topped by rounded, nodding clusters of pale pink flowers. Very tolerant of clay soils. A striking plant for late summer color. Performs well as a border planting.

[FACU], 5

CANADA ANEMONE

Anemone canadensis



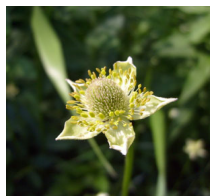
Full sun-full shade, Mesic-wet
Flowers May-June, 1-2 ft. tall, 2-3 ft. spread

Large 2" white blooms in late spring and foliage that adds interest throughout the seasons. The rhizomatous root system makes this a vigorous native plant ground cover. Growth is tempered in dry shade conditions.

FACW, 5

WOODLAND THIMBLEWEED

Anemone virginiana



Full sun-full shade, Dry-mesic
Flowers July-Aug., 2-3 ft. tall, 1 ft. spread

Features numerous white blossoms on a tall spike. Beautifully-veined dark green foliage creates an excellent ground cover for dry, shady spots.

FACU, 3

WILD COLUMBINE

Aquilegia canadensis



Full sun-full shade, Dry-mesic
Flowers April-July, 1-2 ft. tall, 1 ft. spread

A food source for hummingbirds grown for both showy flowers and soft, green foliage. Blooms just as the woodland spring ephemerals are concluding their season. Tolerant of a wide range of soil moisture and light conditions.



FAC, 6

PALE INDIAN-PLANTAIN

Arnoglossum atriplicifolium



Full sun-part shade, Dry-mesic
Flowers July-Sept., 2-6 ft. tall, 1 ft. spread

A prairie herb for dry places distinguished by wide, fan-shaped, blue-green leaves with a nearly white underside. Clusters of attractive white flowers add to this plant's appeal.

[UPL], 6

SWAMP MILKWEED

Asclepias incarnata



Full sun-part shade, Mesic-wet
Flowers July-Sept., 3-5 ft. tall, 1 ft. spread

Popular for wet areas, swamp milkweed is favored for its pink clusters of crown-shaped flowers. The favored milkweed host plant for monarchs and an important nectar source for a wide range of insects.



OBL, 4

COMMON MILKWEED

Asclepias syriaca



Full sun-part shade, Dry-mesic
Flowers June-Aug., 2-5 ft. tall, 2 ft. spread

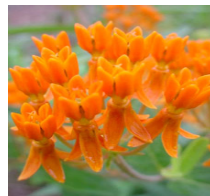
Stunning clusters of fragrant, pale, purplish-pink flowers attract butterflies and beneficial insects. Seed pods add unusual late-fall interest.



FACU-, 1

BUTTERFLY-WEED

Asclepias tuberosa



Full sun-part shade, Dry-mesic
Flowers June-Sept., 1-3 ft. tall, 2 ft. spread

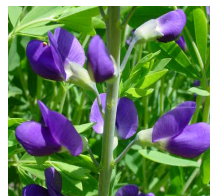
Emerging in late spring, butterfly-weed's bright orange flowers are worth the wait. Thrives in hot weather and dry, well-drained, sandy soil. Often blooms twice in a year if seed pods are not formed in the early summer flush.



[UPL], 4

BLUE FALSE INDIGO

Baptisia australis



Full sun-part shade, Dry-mesic
Flowers May-June, 1-4 ft. tall, 2 ft. spread

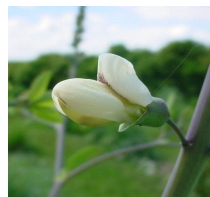
A beautiful specimen plant favored for its blue-green foliage, purple-blue pea-like flowers. Showy, decorative, dark seed pods create late season interest. Slow growing but long-lived.



[FACU]-, 6

WHITE FALSE INDIGO

Baptisia lactea



Full sun-part shade, Dry-mesic
Flowers June-July, 2-5 ft. tall, 2 ft. spread

A terrific specimen plant with spikes of pea-like flowers and blue-green leaves that adds character to a garden well into the fall. Distinctive seed pods add to the beauty of this long-lived plant.



FACU, 8

DOWNY WOODMINT

Blephilia ciliata



Full sun-part shade, Dry- mesic
Flowers June - July, 1-3 ft. tall, 1 ft. spread

Whorls of lavender flowers and aromatic dense gray green foliage makes this plant a good addition for dry shade areas. Tolerant of drought, attractive to butterflies and not palatable to deer.

[UPL], 4

HAIRY WOODMINT

Blephilia hirsuta



Full sun-full shade, Mesic
Flowers June-July, 2-3 ft. tall, 1 ft. spread

White to light purple clustered flowers in tiers along the stem and a strong mint fragrance make this a popular plant for woodland gardens and edge habitats.

FACU-, 4

TALL BELLFLOWER

Campanulastrum americanum



Part-full shade, Dry-mesic
Flowers June-Sept., 2-4 ft. tall, 1 ft. spread

Biennial. A spike-like cluster of showy lavender-blue five-petaled flowers with a distinctive protruding style add color in the summer woodland and attract hummingbirds. Thriving in rich moist open woods where it can self-sow freely.

FAC, 4

TURTLEHEAD

Chelone glabra



Full sun-part shade, Mesic-wet
Flowers Aug.-Sept., 2-3 ft. tall, 1 ft. spread

Named for stunning bright white flowers shaped like a turtle's head late season. Blossoms are arranged in dense spikes at the top of the plant where they are pollinated by bumblebees. Grows best in moist soil.



OBL, 6

PASTURE THISTLE

Cirsium discolor



Full sun-part shade, Dry-mesic
Flowers July-Oct., 3-8 ft. tall, 1-2 ft. spread

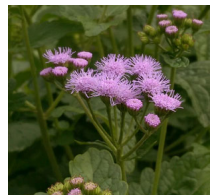
Biennial or short-lived perennial. A host for the painted lady butterfly. Help bring back our native thistles and be rewarded with summer-long pink blooms pollinators galore. Distinct leaves are soft white underneath and deer resistant.



UPL, 4

BLUE MISTFLOWER

Conoclinium coelestinum



Full sun-part shade, Mesic
Flowers Aug.-Sept., 1-3 ft. tall, 1 ft. spread

An attractive late season perennial that attracts bees and butterflies. Its bright blue-violet flower clusters have a fine-textured "misty" look. Mistflower prefers full sun but tolerates some shade. Once established it can spread by rhizomes.

FAC, 3

TALL COREOPSIS

Coreopsis tripteris



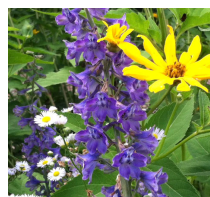
Full sun-part shade, Mesic-wet
Flowers Aug.-Sept., 3-9 ft. tall, 2-3 ft. spread

Also known as tall tickseed, this plant is known for large, showy yellow flower heads and attractive divided foliage. A show-stopper for the back of your native landscape. Goldfinches will feast on the seeds in fall.

FAC, 5

TALL LARKSPUR

Delphinium exaltatum



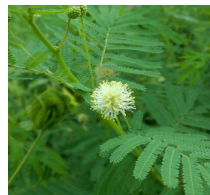
Full sun-part shade, Dry-mesic
Flowers July-Aug., 3-4 ft. tall, 1 ft. spread

This perennial is perfect for the woodland edge. Spikes of bluish purple-spurred flowers appear in summer to attract hummingbirds and butterflies. Deep grayish green-lobed foliage is not favored by deer.

[FACU], 7

PRAIRIE MIMOSA

Desmanthus illinoensis



Full sun-part shade, Dry-mesic
Flowers July-Aug., 2-4 ft. tall, 1-2 ft. spread

Favored for its soft, fern-like foliage and white stamens which resemble a starburst, this plant is rare in eastern prairies. Curved, wafer-shaped pods add winter interest. Also called prairie bundle-flower.

FAC, 3

PURPLE CONEFLOWER

Echinacea purpurea



Full sun-part shade, Dry-mesic
Flowers June-Sept., 3-4 ft. tall, 1 ft. spread

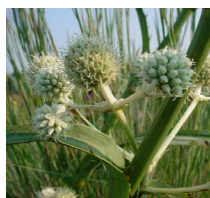
A perennial favored by gardeners, birds and bees. Purple flowers add color throughout the growing season, and as petals drop the cone-shaped seed head adds winter interest and a valuable seed source.

[UPL], 6

RATTLESNAKE-MASTER

Eryngium yuccifolium

FAC, 7



Full sun, Dry-mesic
Flowers July-Sept., 3-5 ft. tall, 2 ft. spread

An excellent specimen plant with yucca-like leaves and unusual white flowers that resemble golf balls. Grows to 3-5 feet. Adds an eclectic look to any garden. Performs well in clay soil.

BONESET

Eupatorium perfoliatum

FACW+, 3



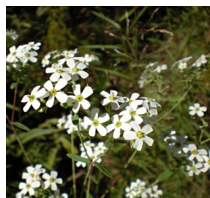
Full sun-part shade, Mesic-wet
Flowers July-Sept., 3-4 ft. tall, 2-3 ft. spread

Thrives in moist, sunny conditions. This relative of Joe Pye Weed is known for leaves that unite around the stem. White flower clusters are attractive to birds and butterflies.

FLOWERING SPURGE

Euphorbia corollata

[UPL], 4



Full sun-part shade, Dry-mesic
Flowers June-Aug., 2-4 ft. tall, 1-2 ft. spread

NEW! Likened to baby's breath, airy white flowers appear for weeks during the summer. Tolerant of a wide range of soil and performs well in poor, droughty soils. Deer avoid the toxic leaves.

HOLLOW-STEMMED JOE-PYE WEED

Eutrochium fistulosum

FACW, 6



Full sun-part shade, Mesic-wet
Flowers July-Sept., 4-8 ft. tall, 2-3 ft. spread

A large perennial with 10" long whorled leaves on dark red-purple stalks adds a dramatic focal point in native landscapes. Large doomed pinkish-purple flower heads attract pollinators of all sorts in mid-late summer. Great in combination with ironweed.

SPOTTED JOE-PYE WEED

Eutrochium maculatum

FACW, 6



Full sun-part shade, Mesic-wet
Flowers July-Sept., 3-6 ft. tall, 2 ft. spread

Whorls of coarse, toothed leaves add texture, and grand umbrels of pink flowers are irresistible to butterflies. Perfect for rain gardens, stream banks or pond plantings.

PURPLE JOE-PYE WEED

Eutrochium purpureum

FAC, 5



Part-full shade, Dry-mesic
Flowers July-Sept., 4-6 ft. tall, 2-3 ft. spread

Great for architectural height in your native plant garden. Showy and fragrant purple flower heads attract butterflies, and attractive seed heads persist into winter. Ideal for woodland edges. Also called Sweet Joe-Pye Weed.

QUEEN-OF-THE-PRAIRIE

Filipendula rubra

FACW, 8



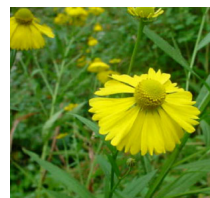
Full sun-part shade, Mesic-wet
Flowers June - July, 3-5 ft. tall, 1 ft. spread

A truly remarkable plant that lives up to its name and is easy to grow if you have plenty of room. It is topped by large plumes of pink flowers, tolerant of clay soils and not palatable to deer.

SNEEZEWEED

Helenium autumnale

 FACW+, 4



Full sun-part shade, Mesic-wet
Flowers Aug.-Oct., 2-5 ft. tall, 1 ft. spread

A fall bloomer with distinctive yellow flowers. Makes a spectacular color combination in the fall when planted with New England aster. Contrary to its name, sneezeweed does not cause seasonal allergies.

ASHY SUNFLOWER

Helianthus mollis

[UPL], 7




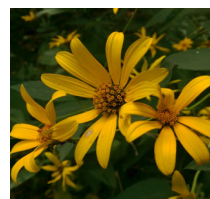
Full sun, Dry-mesic
Flowers Aug.-Sept., 2-4 ft. tall, 1-3 ft. spread

Large butter-yellow flower heads and distinctive clasping gray-green leaves covered with fine hair. Best suited for large landscapes where it will form a colonies.

SMOOTH OXEYE

Heliopsis helianthoides

 [UPL], 5



Full sun-part shade, Dry-mesic
Flowers June - Sept., 4-6 ft. tall, 1 ft. spread

Easy-to-grow, this wildflower races to maturity with a long bloom period and bright yellow flowers. Grows well in almost any soil and self-seeds readily. A host plant for painted ladies and checkerspots.

SWAMP ROSE-MALLOW

Hibiscus moscheutos



Full sun-part shade, Mesic-wet
Flowers July-Aug., 3-7 ft. tall, 2 ft. spread

Similar to halberd-leaved rose-mallow, but with white flowers and a maroon eye. Attractive to pollinators, this plant is a great addition for a rain garden or pond edge.

OBL, 4

FALSE BONESET

Kuhnia eupatorioides



Full sun-part shade, Dry-mesic
Flowers Aug.-Sept., 1-3 ft. tall, 1 ft. spread

Lends interest to sunny locations with cream-colored flowers in late summer and early fall. A flowering companion for the flat-topped goldenrod. Visited by an array of insects.

[UPL], 7

ROUND-HEADED BUSH-CLOVER

Lespedeza capitata



Full sun-part shade, Dry-mesic
Flowers Aug.-Sept., 2-4 ft. tall, 1 ft. spread

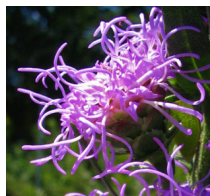
Small white flowers pack the rounded heads at the top of this drought tolerant plant. The mature dark brown seedheads add winter interest and food for birds.



FACU-, 5

NORTHERN BLAZING-STAR

Liatris scariosa



Full sun-part shade, Dry-mesic
Flowers Aug.-Sept., 2-5 ft. tall, 1 ft. spread

Large, showy, button-like purple blooms add interest to the summer landscape. This blazingstar species is tough and adaptable, performing well in drier soils and more shade than its relatives.

[UPL], 6

SPIKED BLAZING-STAR

Liatris spicata



Full sun, Mesic-wet
Flowers July-Aug., 2-5 ft. tall, 1 ft. spread

A gardener's favorite, this plant is topped by tall spikes of bright, bold purple flowers that bloom from the top down. Excellent for attracting butterflies and rare moths. Tolerant of clay soils.

FAC+, 7

CARDINAL-FLOWER

Lobelia cardinalis



Full sun-part shade, Mesic-wet
Flowers July-Sept., 2-5 ft. tall, 1 ft. spread

Fire-red flowers that are stunning even at a distance attract hummingbirds and butterflies. Prefers moist soil and light shade but tolerates a wide-range of conditions. An instantly-recognizable classic native plant.

FACW+, 5

GREAT BLUE LOBELIA

Lobelia siphilitica



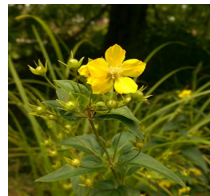
Full sun-part shade, Mesic-wet
Flowers July - Sept., 2-3 ft. tall, 1 ft. spread

A showy plant topped by deep blue 1" irregular flowers. Great for early fall color in combination with goldenrods. Rabbits and deer tend to leave the lobelia species alone.

FACW+, 3

FRINGED LOOSESTRIFE

Lysimachia ciliata



Full sun-part shade, Mesic-wet
Flowers June-July, 1-4 ft. tall, 2-3 ft. spread

NEW! The 1" nodding yellow blooms secrete floral oil utilized by rare specialist bees. A great addition to rain gardens with tolerance for seasonal flooding. Spreading by a rhizomatous root system, the plant is still susceptible to plant competition.

FACW, 4

WINGED LOOSESTRIFE

Lythrum alatum



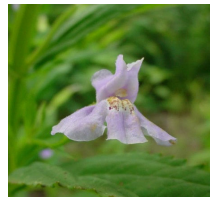
Full sun, Mesic-wet
Flowers June-Sept., 2-3 ft. tall, 1 ft. spread

Not to be confused with the invasive purple loosestrife, this native species has a heavily-winged central stem and hairless leaves. Small purple lavender flowers are borne on loose flowering spikes. Attracts pollinators including butterflies and skippers.

FACW+, 6

MONKEY-FLOWER

Mimulus ringens



Full sun-part shade, Mesic-wet
Flowers June-Sept., 1-3 ft. tall, 6 inch spread

Profuse bluish-purple 1" flowers grow in pairs along the stem of this late summer beauty. A great plant for moist areas. Blooms for many weeks.



OBL, 4

WILD BERGAMOT

Monarda fistulosa



Full sun-part shade, Dry-mesic
Flowers July-Sept., 2-4 ft. tall, 2 ft. spread

Another favorite of prairie gardeners and herb enthusiasts, this member of the mint family produces dense, rounded clusters of tube-shaped light purple flowers. Will grow near black walnut trees and is not palatable to deer.

UPL, 3

DOTTED HORSEMINT

Monarda punctata



Full sun-part shade, Dry
Flowers July-Sept., 1-2 ft. tall, 1 ft. spread

Unusual pale pink bracts surround nectar rich yellow and purple spotted flowers making this plant an eye-catcher. Deer resistant due to aromatic leaves. A short-lived perennial for well-drained or sandy sites.

UPL, 7

OHIO GOLDENROD

Oligoneuron ohioensis



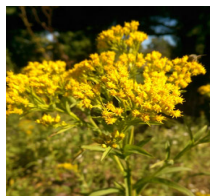
Full sun, Mesic-wet
Flowers Aug.-Sept., 3-4 ft. tall, 1-2 ft. spread

This sturdy pyramidal shaped plant produces dense clusters of yellow flowers on lush, lance-leaved foliage. Blooms late in the season for a beautiful early fall show and to the satisfaction of the pollen and nectar hungry insects.

OBL, 9

RIDDELL'S GOLDENROD

Oligoneuron riddellii



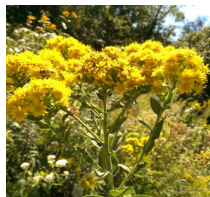
Full sun-part shade, Mesic-wet
Flowers Sept.-Oct., 3-4 ft. tall, 1 ft. spread

An uncommon, hard to find goldenrod that thrives in sunny wet areas, this plant produces dense, flat to slightly rounded clusters of yellow flowers.

OBL, 8

STIFF GOLDENROD

Oligoneuron rigidum



Full sun, Dry-mesic
Flowers Aug.-Sept., 3-5 ft. tall, 2 ft. spread

An ideal addition to a bird and butterfly garden, this plant is topped by bright yellow clusters of flowers in late summer. Gray-green foliage adds interest and is not favored by deer.

UPL, 8

FALSE GROMWELL

Onosmodium molle



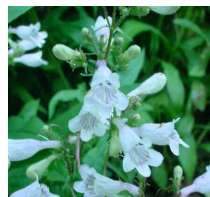
Full sun-part shade, Dry-mesic
Flowers June-July, 2-3 ft. tall, 2 ft. spread

The drooping white flowers give way to small pearl shaped nutlets nested near the stem in late summer giving this beauty its other name - marbledseed. The light green hairy stem and leaves add interest to this one of a kind plant.

 [FACU], 7


FOXGLOVE BEARD-TONGUE

Penstemon digitalis



Full sun-part shade, Dry-mesic
Flowers June-July, 2-3 ft. tall, 1 ft. spread

A late-spring bloomer, this plant loves clay but thrives in a variety of soils. White, tubular blooms are numerous and long-lasting and favored by bees. Naturalizes well.

 FAC, 2


HAIRY BEARD-TONGUE

Penstemon hirsutus



Full sun-part shade, Dry-mesic
Flowers May-June, 1-3 ft. tall, 1 ft. spread

Tubular white flowers with purple throats bring early color to the prairie garden. In late fall foliage turns deep red and handsome brown seed heads add winter interest.

 [UPL], 3

HAIRY MOUNTAIN-MINT

Pycnanthemum verticillatum



Full sun-part shade, Dry-mesic
Flowers July-Sept., 2-3 ft. tall, 1-2 ft. spread

Fine hairs give this plant an appearance of frosted foliage which aids in deterring deer browse. Excellent ground cover for light shaded areas. Aromatic

[FAC], 5

VIRGINIA MOUNTAIN-MINT

Pycnanthemum virginianum



Full sun, Mesic
Flowers July - September, 1-3 ft. tall, 1-2 ft. spread

The white flowers cover this plant through the summer and attracts beneficial insects. Stunning in combination with royal catchfly and little bluestem.

FAC, 4


GRAY-HEADED CONEFLOWER

Ratibida pinnata



Full sun-part shade, Dry-mesic
Flowers July-Sept., 3-5 ft. tall, 2 ft. spread

Topped with unique, bright yellow flower petals set against black centers. A favorite food source for finches in fall. Tolerant of drought and clay soils.

 [UPL], 5

ORANGE CONEFLOWER

Rudbeckia fulgida



Full sun-part shade, Mesic-wet
Flowers July-Sept., 2-4 ft. tall, 1-2 ft. spread

Bright yellow-orange flowers appear all summer. Excellent in plantings with mountain mints and wild bergamot. A hardy plant for clay soils.

 FAC, 6

BLACK-EYED SUSAN

Rudbeckia hirta



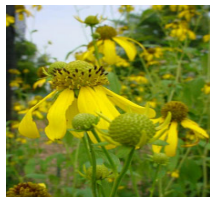
Full sun-part shade, Dry-mesic
Flowers June-Sept., 1-3 ft. tall, 1 ft. spread

Biennial that produces abundant flowers and spreads readily from seed. Grows in a wide range of soil conditions. Rich yellow flower petals contrast with black centers.

 FACU-, 1

GREEN-HEADED CONEFLOWER

Rudbeckia laciniata



Full sun-part shade, Wet
Flowers June-Oct., 3-9 ft. tall, 2-3 ft. spread

Favored for both its leaves as well as its bright yellow flowers with lime green centers. This plant makes a great backdrop to your prairie planting.

 FACW, 6

THREE-LOBED CONEFLOWER

Rudbeckia triloba



Full sun-part shade, Dry-mesic
Flowers June-Oct., 3-5 ft. tall, 1-2 ft. spread

Biennial or short lived perennial. This clump-forming and densely-branched plant self-sows readily and maintains its bounteous bright yellow and black flowers well into the fall. Tolerant of drought and not palatable to deer.

 FACU, 5

SOUTHERN WILD SENNA

Senna marilandica



Full sun-part shade, Mesic-wet
Flowers July - Aug., 3-5 ft. tall, 2 ft. spread

A great specimen plant that provides interest well into the winter with branched clusters of 1" yellow flowers and decorative, persistent seed pods. A host plant for several migratory sulphur butterflies in Ohio.

 FAC+, 4

ROYAL CATCHFLY

Silene regia



Full sun, Dry-mesic
Flowers June-Aug., 2-4 ft. tall, 1 ft. spread

A classic prairie plant that you must protect from deer. Topped by bright, showy 1" crimson-red flowers that are visited by hummingbirds. A standout in the prairie garden.

[UPL], 8

COMPASS PLANT

Silphium laciniatum



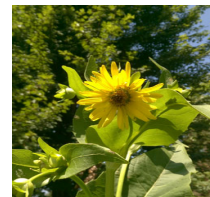
Full sun, Dry-mesic
Flowers July-Sept., 3-9 ft. tall, 2-3 ft. spread

A slow-growing but long-lived plant topped with large, showy yellow flowers on stalks that can reach 9 foot tall and tolerant of poor soils. The deeply lobed leaves orient north-south. A popular food source for birds.

[UPL], 8

CUP-PLANT

Silphium perfoliatum



Full sun-part shade, Dry-mesic
Flowers July-Sept., 6-8 ft. tall, 2-4 ft. spread

NEW! Robust tall plants with leaves fused at the stem that can hold rain water. Bright yellow flowers appear through the summer and the seed are savored by finches in the fall.

FACU, 6

PRAIRIE DOCK

Silphium terebinthinaceum



Full sun, Dry-mesic
Flowers Aug.-Sept., 2-10 ft. tall, 2-4 ft. spread

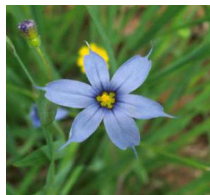
Similar to compass plant, with toothed leaves that can grow to 2 feet. Produces numerous bright yellow flowers on tall stalks. A must-have in a large prairie area.

UPL, 8

STOUT BLUE-EYED-GRASS

Sisyrinchium angustifolium

FACW-, 2



Full sun-part shade, Mesic-wet
Flowers May-July, 0.5-1 ft. tall, 0.5-1 ft. spread

A short-lived perennial with delicate blue flowers with bright yellow centers are a favorite of pollinators. Fine grass-like foliage forms clumps that work great for borders especially in moist soils of poor fertility.

BLUE-STEMMED GOLDENROD

Solidago caesia

FACU, 5



Full sun-part shade, Dry-mesic
Flowers Sept.-Oct., 1-3 ft. tall, 1-2 ft. spread

An unusual, shade-tolerant goldenrod with delicate flower clusters at the base of the leaves along the stem as well as an inflorescence at the top. A strong-stemmed, beautiful addition to the autumn scene.

ZIGZAG GOLDENROD

Solidago flexicaulis

FACU, 5



Full sun-full shade, Dry-mesic
Flowers Aug.-Oct., 1-3 ft. tall, 1-2 ft. spread

A shade-loving goldenrod with bright yellow flowers that cluster along the zig-zag stem, adding splashes of color to woodland and shade plantings in fall.

GRAY GOLDENROD

Solidago nemoralis

[UPL], 2




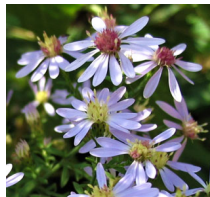
Full sun-part shade, Dry-mesic
Flowers Aug.-Sept., 2-3 ft. tall, 1 ft. spread

A compact well-behave goldenrod slowly spreading by rhizomes whose small size makes it ideal for small prairie gardens. Unique for its gray-green foliage, it will also tolerate very dry conditions and attract pollinators.

HEART-LEAVED ASTER

Symphotrichum cordifolium

 [UPL], 4




Part-full shade, Dry-mesic
Flowers Aug.-Oct., 2-4 ft. tall, 1 ft. spread

Wildlife feeds on its seeds which develop from dense clusters of pale blue flowers in the fall. A bird magnet! Also attracting butterflies and bees while in flower.

SMOOTH ASTER

Symphotrichum laeve

 UPL, 6



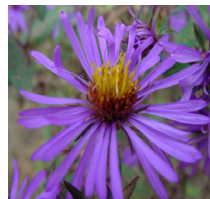
Full sun-part shade, Dry-mesic
Flowers Aug.-Oct., 2-4 ft. tall, 1-2 ft. spread

Billowing 1"-wide blue and yellow flower heads appear in loose panicles and feed the bees and butterflies of fall. This tough, adaptable species is tolerant of drought and salt and features lovely, smooth blue-gray leaves.

NEW ENGLAND ASTER

Symphotrichum novae-angliae

 FACW-, 2




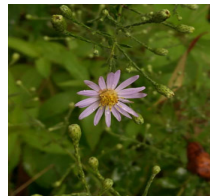
Full sun-part shade, Mesic-wet
Flowers Aug.-Oct., 3-5 ft. tall, 2 ft. spread

A showy late-bloomer topped by clusters of bright purple flower heads with yellow disks. Plant this in combination with goldenrods for fantastic fall color. An excellent nectar source for monarchs in migration.

SHORT'S ASTER

Symphotrichum shortii

 [UPL], 4



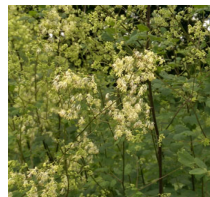
Part-full shade, Dry-mesic
Flowers Aug.-Oct., 1-4 ft. tall, 1 ft. spread

NEW! Late summer blooms kick-off the spectacular season of asters and goldenrods. This clay-tolerant plant is perfectly suited to dry woodland habitats. Similar to heart-leaved aster but devoid (or nearly so) of teeth along the leaf edge.

TALL MEADOW-RUE

Thalictrum pubescens

FACW+, 5



Full sun-part shade, Mesic-wet
Flowers May-June, 3-7 ft. tall, 2-3 ft. spread

Soft and airy blue-green foliage of compound divided leaflets adds height. Frilly clusters of white male flowers are borne on separate plants from female flowers. Ideal for a wet meadow, rich woodland edge, or stream and pond banks.

OHIO SPIDERWORT

Tradescantia ohiensis

FAC, 5




Full sun-part shade, Dry-mesic
Flowers June-July, 2-3 ft. tall, 1-2 ft. spread

Sturdy blue-green stems and thin leaves are topped by gorgeous clusters of blue flowers with striking bright yellow anthers. Flowers open in the morning and on cloudy days, and close in hot sun.

HOARY VERVAIN

Verbena stricta

 [UPL], 3




Full sun, Dry
Flowers July-Sept., 1-3 ft. tall, 1 ft. spread

A short-lived perennial with showy purple flower spikes bloom from the bottom up and provide color in mid to late summer. Thrives in poor soil and is drought-tolerant. Attracts butterflies, and provides winter food for cardinals and juncos.

HAIRY WINGSTEM

Verbesina helianthoides

 [UPL], 5



Full sun-part shade, Dry-mesic
Flowers June-July, 3-5 ft. tall, 1 ft. spread

Also known as ozark flatseed sunflower, covered in bright yellow blooms in late spring and early summer. Foliage is covered in fine white hairs giving it a fuzzy appearance and making it less attractive to deer.

TALL IRONWEED

Vernonia gigantea

 FAC, 2



Full sun-part shade, Mesic-wet
Flowers July-Sept., 5-8 ft. tall, 2-3 ft. spread

Stunning magenta flowers that pop in late summer through fall. Butterflies can't resist this plant and deer don't browse on it. Great in combination with native grasses and coneflowers.

CULVER'S-ROOT

Veronicastrum virginicum

FACU, 7



Full sun-part shade, Dry-mesic
Flowers July-Aug., 3-5 ft. tall, 1-2 ft. spread

A tall and sturdy-stemmed plant with dark green whorls of leaves and tall spikes of white flowers. Handsome in combination with little bluestem and royal catchfly.

GOLDEN ALEXANDERS

Zizia aurea

FAC, 6



Full sun-part shade, Mesic-wet
Flowers April-June, 2-3 ft. tall, 1-2 ft. spread

Multiple delicate yellow flower heads, 2-3 inches wide, give a lacy appearance and attract beneficial insects in late spring. Thrives in moist woods and meadows. A host plant for the black swallowtail.

GRASSES & SEDGES

 FAC, 5

BIG BLUESTEM

Andropogon gerardii



Full sun-part shade, Dry-mesic
Flowers July-Oct., 4-8 ft. tall, 2-3 ft. spread

The king of the prairie, this grass will thrive in a variety of soil types. The "turkey-foot" flower head is instantly recognizable, and the leaves and stem turn bronze-red in late fall for winter interest.

SIDE-OATS GRAMA GRASS

Bouteloua curtipendula

 [UPL], 8



Full sun-part shade, Dry-mesic
Flowers July - Aug., 2-3 ft. tall, 1 ft. spread

A smaller, shade-intolerant grass that is perfect for a small home prairie patch. Noted for its distinctive seed stalks with tiny seeds lining one side of the stem.

GRAY'S SEDGE

Carex grayi

 FACW+, 5



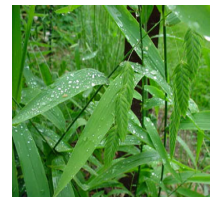
Full sun-full shade, Mesic-wet
Flowers May, 2-3 ft. tall, 1 ft. spread

If you're considering sedges, this is a spectacular one! It's green spike flowering and seed head looks like a medieval mace. Butterflies feed on the foliage and songbirds love the seed.

WILD RIVER OATS

Chasmanthium latifolium

 FACU, 7



Full sun-full shade, Dry-mesic
Flowers Aug.-Oct., 2-3 ft. tall, 1-2 ft. spread

This grass has even larger, showier seeds than most natives and makes an excellent addition to dried arrangements. Striking when used along a woodland border and will grow underneath black walnuts.

CANADA WILD RYE

Elymus canadensis

 FACU+, 6



Full sun-part shade, Dry-mesic
Flowers July-Aug., 2-5 ft. tall, 2 ft. spread

Handsome nodding seed heads in summer turn to a golden yellow in fall. Perfect for dry, sunny slope. This drought hardy cool season, clump forming grass is tolerant of black walnuts.

BOTTLEBRUSH GRASS

Elymus hystrix



Part-full shade, Dry-mesic
Flowers June-July, 2-4 ft. tall, 2 ft. spread

The spikey bottlebrush-shaped seed heads appear in summer. Excellent plant for shaded dry areas as a backdrop for other woodland wildflowers.



UPL, 4

SWITCH GRASS

Panicum virgatum



Full sun-part shade, Dry-Mesic
Flowers Aug.-Sept., 4-5 ft. tall, 2 ft. spread

This lacy-topped native grass is a great alternative to non-native ornamental grasses. Switch grass is often used to enhance habitat and soil conservation. Not as tall as Indian grass, but they grow well together and adapt to various soil conditions.



FAC, 4

LITTLE BLUESTEM

Schizachyrium scoparium



Full sun-part shade, Dry-mesic
Flowers Aug.-Oct., 2-4 ft. tall, 1-2 ft. spread

A clump-forming, classic prairie grass with fine blue-green foliage that turns reddish in the fall. Works well as a specimen plant or among a collection of forbs in a naturalistic arrangement.



FACU-, 5

INDIAN GRASS

Sorghastrum nutans



Full sun-part shade, Dry-mesic
Flowers Aug.-Sept., 4-7 ft. tall, 2-3 ft. spread

Large golden seed heads resemble flames when they emerge and as they open make a gorgeous late season display. Fast growing and reliable on any well-drained soil.



UPL, 5

PRAIRIE DROPSEED

Sporobolus heterolepis



Full sun-part shade, Dry-mesic
Flowers July-Sept., 2-3 ft. tall, 1 ft. spread

A low-growing specimen plant with very numerous thin leaves that flow outward from the center like a green fountain. Fantastic as an edge plant, where it can neatly delineate your native garden. Delicate seed heads add to the fall display.



[UPL], 8

SHRUBS & VINES

BITTERSWEET

Celastrus scandens



Full sun-part shade, Dry-mesic
Flowers May, Up to 20 ft. tall, 4-6 ft. spread

Bright orange/red fruit is very popular with wildlife. Differs from the more aggressive oriental bittersweet in that the flowers form at the branch tips. Requires male and female plants to set fruit.

FACU-, 2

BUTTONBUSH

Cephalanthus occidentalis



Full sun-full shade, Mesic-wet
Flowers June-Aug., Up to 15 ft. tall, 5-8 ft. spread

A large wetland shrub that attracts butterflies to spherical, white flower clusters. Will form a thicket, or can be pruned for a more formal look. Drooping seeds add winter interest.

OBL, 6

VIRGIN'S-BOWER

Clematis virginiana



Full sun-part shade, Dry-mesic
Flowers July-Sept., Up to 9 ft. tall, 6-12 ft. spread

A showy, semi-woody vine with profuse fragrant white flowers that develop into plume-like seed heads. Will grow high if supported, or will tumble over the ground. Tolerant of dry and compacted soils.

FAC, 3

FLOWERING DOGWOOD

Cornus florida



Part-full shade, Dry-mesic
Flowers April-May, 15-30 ft. tall, 8-10 ft. spread

NEW! A signature understory tree of Ohio woodlands with white spring petal-like bracts and bright autumn leaf colors. The red autumn fruits are favored by birds. Healthy, appropriately placed trees can resist disease.

FACU-, 5

GRAY DOGWOOD

Cornus racemosa



Full sun-part shade, Mesic-wet
Flowers May-June, Up to 12 ft. tall, 12 ft. spread

Great as a low-growing hedge, gray dogwood features white fruit on brilliant red stalks. Dogwood thickets are great bird nesting habitat and are hosts plants for the azure butterflies. Established plants are drought tolerant.

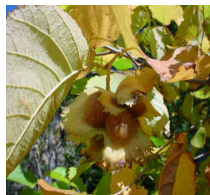


FAC-, 1

AMERICAN HAZELNUT

Corylus americana

FACU-, 4



Full sun-part shade, Dry-mesic
Flowers March, Up to 12 ft. tall, 10-15 ft. spread

An uncommon shrub that's a beautiful addition to an edible landscape. Dense foliage and stunning fall color. Mature plants produce hazelnuts, a favorite among people and wildlife.

SHRUBBY CINQUEFOIL

Dasiphora fruticosa

FACW, 10



Full sun, Mesic-wet
Flowers July-Sept., Up to 4 ft. tall, 2-3 ft. spread

A small, compact deciduous shrub with yellow flowers that attract butterflies. Deer resistant and low-maintenance preferring moist soils.

SHRUBBY ST. JOHN'S-WORT

Hypericum prolificum

 FACU, 3



Full sun-part shade, Dry-mesic
Flowers June-Aug., Up to 4 ft. tall, 3-5 ft. spread

An attractive specimen shrub with showy masses of ball-shaped, bright yellow flowers. Dark green leaves and pale orange bark add appeal. Excellent for honeybees and a host for gray hairstreak caterpillars.

SPICEBUSH

Lindera benzoin

 FACW-, 5



Part-full shade, Mesic
Flowers Mar.-Apr., 6-8 ft. tall, 6-12 ft. spread

An aromatic, deciduous shrub with profuse yellow flowers that bloom in spring before leaves emerge. Great as a replacement for bush honeysuckle. Host plant for Eastern tiger and spicebush swallowtails.

NINEBARK

Physocarpus opulifolius

FACW-, 4



Full sun-part shade, Mesic-wet
Flowers May-June, Up to 10 ft. tall, 3-6 ft. spread

A thicket-forming deciduous shrub with ball-shaped clusters of white flowers. As flowers fade the seed pods turn pink-red and eventually to golden brown. Exfoliating bark adds winter interest.

SWAMP ROSE

Rosa palustris

OBL, 5



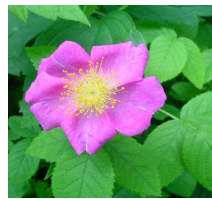
Full sun-part shade, Mesic-wet
Flowers June-July, Up to 6 ft. tall, 3-4 ft. spread

A large, upright, branching rose that likes to get its feet wet. Grows well along stream or pond banks with ample sun. Very fragrant flowers and fruit that is a favorite with birds.

CLIMBING PRAIRIE ROSE

Rosa setigera

FACU, 4



Full sun, Dry-mesic
Flowers June-July, Up to 12 ft. tall, Up to 10 ft. spread

Features long arching canes that can fill a large area with lush foliage. Strong-scented flowers emerge late in the rose season. A favorite for butterflies, this rose also provides a nesting site for birds.

COMMON ELDERBERRY

Sambucus canadensis

FACW-, 3



Full sun - part shade, Mesic-wet
Flowers June, 6-12 ft. tall, 6-12 ft. spread

A multi-stemmed shrub ideal for moist soils. Large white umbel-shaped blooms cover the shrub in early summer. The dark purple edible fruits can be used in preserves, wines and herbal remedies.

MEADOW-SWEET

Spiraea alba

FACW+, 3



Full sun-part shade, Mesic-wet
Flowers June-Aug., 3-6 ft. tall, 3-6 ft. spread

A native spirea with beautiful white blooms that attract butterflies and can be used as cut flowers. The leaves turn golden yellow for autumn attractiveness. It requires water, so is a natural for boggy areas, water gardens and ponds.

AMERICAN BLADDERNUT

Staphylea trifolia

FAC, 6



Part-full shade, Dry-mesic
Flowers April-May, Up to 15 ft. tall, 6-12 ft. spread

A thicket-forming shrub with soft, white bell-shaped flowers in the spring. Ornate Chinese lantern-shaped seed pods add fall and winter interest. Tolerant of heavy clay, shallow rocky soils and drought.

Land Stewardship at MEEC

MEEC stewards the 100-acre Mount St. John nature preserve, which includes created Eastern tallgrass prairie, oak-hickory woodlands and restored and created wetlands. A trail guide is available at <http://meec.udayton.edu>. For directions to the property, select "Visitor information."



Staff members are available for on-site land stewardship consultations to assist the do-it-yourselfer who needs technical advice or help getting started. We can identify mystery plants, trouble-shoot problems areas, offer guidance on invasive species control and alternatives, and help you select which plants will meet your landscape goals. Call for more information.

Our land steward volunteers help collect and clean seeds, control invasives, transplant natives into the preserve, prepare for the plant sale and manage our labyrinth and earthwork plantings. We offer special trainings for stewards in the spring and fall. Volunteering is a great way to meet other native plant enthusiasts and learn valuable skills you can put to use on your own property. Service learning opportunities for students can be arranged.



We offer public and custom programs on native plants, rain gardens, ecological restoration, environmental justice, sustainability and spiritual development. To discuss having one of our staff members speak to your garden club, church or other group, contact our office.

The Marianist Environmental Education Center

St. Joseph Hall, Mount St. John

4435 E. Patterson Road • Dayton, OH 45430-1095
937/429-3582 • info@meec.center • <http://meec.center>



Gardening with Native Plants

Conserve water and energy, provide habitat and green your yard! Whether you want to create a bird & butterfly garden, add reliable blooms to a "problem area," install a rain garden, replace aggressive or invasive species, stabilize a stream bank or establish a prairie patch, we can help make your native garden a success. We'll help you select species that will thrive in any area of your garden for season-long color. **Buy wildflowers, grasses and shrubs at the workshop - a week ahead of our Saturday, June 22 native plant sale! For more info, visit <http://meec.center>.**

REGISTER EARLY - SPACE IS LIMITED

**Sat. June 15, 2019
9 a.m. — 1p.m.
Sieben Hall
Mount St. John
4435 E. Patterson Rd.**



Marianist Environmental
Education Center

(937)429-3582
info@meec.center
For map and directions,
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Registration: ☐ \$35 ☐ \$30 (Friends of MEEC)

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