Missouri’s Native Plants

(Creating a Pollinator’s Paradise)

Compiled by Debra Rainey
Greene County Master Gardener
2018
Natives Can Be Used in Formal Gardens...

Resources used:
Monarch Waystation Program
Thebutterflysite.com/missouri-butterflies
GardensWithWings.com
Wildflowers in the Home Landscape
http://extension.missouri.edu/p/G6660
Missouri Botanical Garden Plant Finder
Native Landscaping Manual
Grow Native!
Missouri Master Naturalists
Missouri Wildflower Nursery
Native Landscape Solutions
...or natives can be used in more informal gardens. (Since they can be thugs, this might be preferred!)

Photo Credit: grownative.org

Photo Credit: Winner of the Gardenista Considered Design Awards -- Best Professional Landscape, Adam Woodruff & Associates, St. Louis, MO
Why Plant Natives?

• Natives provide a natural habitat for butterflies, birds and beneficial insects. (Pollinators are an important part of our ecosystem and they need all the help they can get.)
• Natives usually require less water and little to no fertilizer or chemical pesticides.
• Missouri natives tend to be very tolerant of our extreme weather variations. (They are already acclimated to Missouri’s weird weather.)
• Natives reduce maintenance when used to naturalize areas and can offer four seasons of interest when carefully integrated into your more formal landscape.
SO MANY CHOICES...
SO LITTLE SPACE
**Amsonia Cilata**
Thread Leaf Blue Star

- Common Name: blue star
- Type: perennial
- Family: Apocynaceae
- Zone: 5 to 9
- Height: 2.00 to 3.00 feet
- Spread: 2.00 to 3.00 feet
- Bloom Time: May
- Bloom Description: Pale blue
- Sun: Full sun to part shade
- Water: Medium
- **Attracts:** Birds & Butterflies
- Tolerate: Deer

Photo credit: Obsessiveneuroticgardener.com
Amsonia Ilustris
Shining Blue Star

Common Name: shining blue star
Type: perennial
Family: Apocynaceae
Zone: 5 to 9
Height: 2.00 to 3.00 feet
Spread: 1.00 to 1.50 feet
Bloom Time: May
Bloom Description: Light blue
Sun: Full sun to part shade
Water: Medium
Use: Naturalize, Rain Garden

**Attracts: Birds & Butterflies**
Tolerate: Deer

Photo credit: Missouri Botanical Garden Plantfinder
Antennaria neglecta
Prairie (field) Pussytoes

Common Name: field pussytoes
Type: perennial
Family: Asteraceae
Zone: 3 to 8
Height: 0.50 to 1.00 feet
Spread: 0.50 to 1.00 feet
Bloom Time: April to June
Bloom Description: White
Sun: Full sun to part shade
Water: Dry to medium
Use: Ground Cover, Naturalizing

Attracts: Butterflies (larval host for American Lady Butterfly)
Tolerate: Drought, Dry Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Aquilegia Canadensis**  
**Columbine**

| Common Name: columbine  
| Type: perennial  
| Family: Ranunculaceae  
| Zone: 3 to 8  
| Height: 2.00 to 3.00 feet  
| Spread: 1.00 to 1.50 feet  
| Bloom Time: April to May  
| Bloom Description: Light pink/yellow to blood red/yellow  
| Sun: Full sun to part shade  
| Water: Medium  
| Maintenance: Medium  
| Use: Naturalize  
| **Attracts:** Hummingbirds  
| Tolerate: Rabbit, Deer, Drought, Dry Soil  

Photo credit: Missouri Botanical Garden Plantfinder
Asclepias incarnata
Swamp Milkweed

Common Name: swamp milkweed
Type: perennial
Family: Apocynaceae
Zone: 3 to 6
Height: 4.00 to 5.00 feet
Spread: 2.00 to 3.00 feet
Bloom Time: July to August
Bloom Description: White, pink, mauve
Sun: Full sun
Water: Medium to wet
Use: Naturalize, Rain Garden
**Attracts: Butterflies & Birds**
Tolerate: Deer, Clay Soil, Wet Soil

Photo credit: Missouri Botanical Garden Plantfinder
Asclepias purpurascens
Purple Milkweed

Common Name: purple milkweed
Type: perennial
Family: Apocynaceae
Zone: 3 to 8
Height: 2.00 to 3.00 feet
Spread: 1.00 to 3.00 feet
Bloom Time: May to July
Bloom Description: Rose-pink to purple
Sun: Full sun
Water: Dry to medium
Use: Naturalize

**Attracts: Butterflies & Birds**
Tolerate: Deer, Drought, Erosion, Dry Soil, Shallow- Rocky soil.

Photo credit: Missouri Botanical Garden Plantfinder
**Asclepias syriaca**  
Common Milkweed

- **Common Name:** common milkweed  
- **Type:** perennial  
- **Family:** Apocynaceae  
- **Zone:** 3 to 9  
- **Height:** 2.00 to 3.00 feet  
- **Spread:** 0.75 to 1.00 feet  
- **Bloom Time:** June to August  
- **Bloom Description:** Pink, mauve, white  
- **Sun:** Full sun  
- **Water:** Dry to medium  
- **Use:** Naturalize

**Attracts:** Butterflies  
**Tolerate:** Deer, Drought, Erosion, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Asclepias tuberosa**  
**Butterfly Weed**

<table>
<thead>
<tr>
<th>Common Name: butterfly weed</th>
<th>Type: perennial</th>
</tr>
</thead>
<tbody>
<tr>
<td>Family: Apocynaceae</td>
<td></td>
</tr>
<tr>
<td>Zone: 3 to 9</td>
<td></td>
</tr>
<tr>
<td>Height: 1.00 to 2.50 feet</td>
<td>Spread: 1.00 to 1.50 feet</td>
</tr>
<tr>
<td>Bloom Time: June to August</td>
<td></td>
</tr>
<tr>
<td>Bloom Description: Yellow/orange</td>
<td></td>
</tr>
<tr>
<td>Sun: Full sun</td>
<td>Water: Dry to medium</td>
</tr>
<tr>
<td>Use: Naturalize, Rain Garden</td>
<td></td>
</tr>
</tbody>
</table>

**Attracts:** Butterflies (larval host for Monarch Butterflies), Birds  
**Tolerate:** Deer, Drought, Erosion, Dry Soil, Shallow- Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Symphyotrichum laeve**

**Smooth Aster**

- Common Name: smooth aster
- Type: perennial
- Family: Asteraceae
- Zone: 3 to 8
- Height: 2.00 to 4.00 feet
- Spread: 1.00 to 2.00 feet
- Bloom Time: September to October
- Bloom Description: Violet to purple rays and yellow centers
- Sun: Full sun
- Water: Dry to medium
- Use: Naturalize
- Flower: Showy

**Attracts: Butterflies**

**Tolerate:** Drought, Erosion, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Aster novae-angliae**  
**New England Aster**

<table>
<thead>
<tr>
<th>Common Name: New England aster</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: perennial</td>
<td></td>
</tr>
<tr>
<td>Family: Asteraceae</td>
<td></td>
</tr>
<tr>
<td>Native Range: Eastern North America</td>
<td></td>
</tr>
<tr>
<td>Zone: 4 to 8</td>
<td></td>
</tr>
<tr>
<td>Height: 3.00 to 6.00 feet</td>
<td></td>
</tr>
<tr>
<td>Spread: 2.00 to 3.00 feet</td>
<td></td>
</tr>
<tr>
<td>Bloom Time: August to September</td>
<td></td>
</tr>
<tr>
<td>Bloom Description: Deep pink-purple</td>
<td></td>
</tr>
<tr>
<td>Sun: Full sun</td>
<td></td>
</tr>
<tr>
<td>Water: Medium</td>
<td></td>
</tr>
<tr>
<td>Use: Naturalize, Rain Garden</td>
<td></td>
</tr>
</tbody>
</table>

**Attracts:** Butterflies  
**Tolerate:** Clay Soil

Photo credit: Missouri Botanical Garden Plantfinder
Aster oblongifolius
Aromatic Aster

Common Name: aromatic aster
Type: perennial
Family: Asteraceae
Zone: 3 to 8
Height: 1.00 to 3.00 feet
Spread: 1.00 to 3.00 feet
Bloom Time: August to September
Bloom Description: Blue, purple
Sun: Full sun
Water: Dry to medium
Use: Ground Cover

**Attracts: Birds & Butterflies**
Tolerate: Drought, Erosion, Clay Soil, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
Baptisia australis
Blue Wild Indigo

Common Name: blue false indigo
Type: perennial
Family: Fabaceae
Zone: 3 to 9
Height: 3.00 to 4.00 feet
Spread: 3.00 to 4.00 feet
Bloom Time: May to June
Bloom Description: Indigo blue
Sun: Full sun to part shade
Water: Dry to medium
Use: Naturalize
Attracts: Butterflies
Tolerate: Rabbit, Drought, Erosion, Clay Soil, Dry Soil, Shallow-Rocky Soil
(There is also a white variety.)

Photo credit: Missouri Botanical Garden Plantfinder
**Berlandiera texana**
*Texas Green Eyes*

| Common Name: green eyes  |  
|--------------------------|--------------------------|
| Type: perennial          |  
| Family: Asteraceae       |  
| Zone: 6 to 8             |  
| Height: 1.50 to 3.00 feet|  
| Spread: 1.00 to 2.00 feet|  
| Bloom Time: June to September|  
| Bloom Description: Yellow rays and maroon center disks|  
| Sun: Full sun            |  
| Water: Dry to medium     |  
| Use: Naturalize          |  
| **Attracts:** Butterflies|  
| Tolerate: Drought, Dry Soil|  

Photo credit: Missouri Botanical Garden Plantfinder
**Blephilia ciliatra**  
**Ohio Horse Mint**

<table>
<thead>
<tr>
<th>Common Name: Ohio horsemint</th>
<th>Type: perennial</th>
</tr>
</thead>
<tbody>
<tr>
<td>Family: Lamiaceae</td>
<td></td>
</tr>
<tr>
<td>Zone: 4 to 8</td>
<td></td>
</tr>
<tr>
<td>Height: 1.00 to 2.50 feet</td>
<td>Spread: 0.75 to 1.50 feet</td>
</tr>
<tr>
<td>Bloom Time: May to August</td>
<td>Bloom Description: Blue, purple</td>
</tr>
<tr>
<td>Sun: Full sun to part shade</td>
<td>Water: Dry to medium</td>
</tr>
<tr>
<td>Attracts: Butterflies</td>
<td>Tolerate: Drought, Dry Soil</td>
</tr>
</tbody>
</table>

Photo credit: Missouri Botanical Garden Plantfinder
Boltonia asteroides
False Aster

Common Name: false aster
Type: perennial
Family: Asteraceae
Zone: 3 to 10
Height: 5.00 to 6.00 feet
Spread: 2.00 to 4.00 feet
Bloom Time: August to September
Bloom Description: White, pink, lilac, purple with yellow centers.
Sun: Full sun
Water: Medium
Use: Naturalize
Attracts: Butterflies
Tolerate: Clay Soil

Photo credit: fws.gov
Camassia scilloides
Wild Hyacinth

Common Name: wild hyacinth
Type: Bulb
Family: Asparagaceae
Zone: 4 to 8
Height: 1.00 to 3.00 feet
Spread: 1.00 to 2.00 feet
Bloom Time: April to May
Bloom Description: Pale blue to white flowers
Sun: Full sun to part shade
Water: Medium
Use: borders, meadows & periphery of ponds
Attracts: Butterflies
Tolerate: Drought, Clay Soil, Black Walnut

Photo credit: Missouri Botanical Garden Plantfinder
Campanula rotundifolia
Harebell

Common Name: bluebell
Type: perennial
Family: Campanulaceae
Zone: 3 to 6
Height: 1.00 to 1.50 feet
Spread: 0.50 to 1.00 feet
Bloom Time: June to September
Bloom Description: Blue
Sun: Full sun to part shade
Water: Medium
Use: Naturalize, shaded areas of rock gardens

Attracts: Hummingbirds
Tolerate: Deer

Photo credit: Missouri Botanical Garden Plantfinder
**Castilleja coccinea**

Indian Paintbrush

- **Common Name:** Indian paintbrush
- **Type:** biennial perennial
- **Family:** Orobanchaceae
- **Zone:** 4 to 8
- **Height:** 0.75 to 1.50 feet
- **Spread:** 1.00 to 1.50 feet
- **Bloom Time:** April to July
- **Bloom Description:** Orange-red
- **Sun:** Full sun
- **Water:** Medium
- **Attracts:** Hummingbirds, Butterflies
- **Use:** naturalizing in native plant gardens, prairies or glades

Photo credit: Missouri Botanical Garden Plantfinder
**Chelone glabra**

**White Turtlehead**

<table>
<thead>
<tr>
<th>Common Name: white turtlehead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: perennial</td>
</tr>
<tr>
<td>Family: Plantaginaceae</td>
</tr>
<tr>
<td>Zone: 3 to 8</td>
</tr>
<tr>
<td>Height: 2.00 to 3.00 feet</td>
</tr>
<tr>
<td>Spread: 1.50 to 2.50 feet</td>
</tr>
<tr>
<td>Bloom Time: August to October</td>
</tr>
<tr>
<td>Bloom Description: Cream</td>
</tr>
<tr>
<td>Sun: Part shade</td>
</tr>
<tr>
<td>Water: Medium to wet</td>
</tr>
<tr>
<td>Use: Naturalize, Rain Garden</td>
</tr>
</tbody>
</table>

**Attracts: Hummingbirds, Butterflies**

**Tolerate: Erosion, Wet Soil**

Rose Turtlehead—(Chelone obliqua) is pink.

Photo credit: Missouri Botanical Garden Plantfinder
Coreopsis lanceolate
Lanceleaf Coreopsis

Common Name: lanceleaf coreopsis
Type: perennial
Family: Asteraceae
Zone: 4 to 9
Height: 1.00 to 2.00 feet
Spread: 1.00 to 1.50 feet
Bloom Time: May to July
Bloom Description: Yellow
Sun: Full sun
Water: Dry to medium
Suggested Use: Naturalize
Attracts: Butterflies
Tolerate: Deer, Drought, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
Coreopsis palmate
Prairie Coreopsis

Common Name: tickseed
Type: perennial
Family: Asteraceae
Zone: 3 to 8
Height: 1.50 to 2.50 feet
Spread: 1.00 to 1.50 feet
Bloom Time: May to July
Bloom Description: Yellow
Sun: Full sun
Water: Dry to medium
Use: Naturalize

Attracts: Butterflies
Tolerate: Deer, Drought, Dry Soil, Shallow-Rocky Soil
**Coreopsis tinctoria**  
**Plains Coreopsis**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Name: plains coreopsis</td>
<td></td>
</tr>
<tr>
<td>Type:</td>
<td><strong>Annual</strong></td>
</tr>
<tr>
<td>Family:</td>
<td>Asteraceae</td>
</tr>
<tr>
<td>Zone:</td>
<td>2 to 11</td>
</tr>
<tr>
<td>Height:</td>
<td>2.00 to 4.00 feet</td>
</tr>
<tr>
<td>Spread:</td>
<td>1.00 to 1.50 feet</td>
</tr>
<tr>
<td>Bloom Time:</td>
<td>June to September</td>
</tr>
<tr>
<td>Bloom Description:</td>
<td>Yellow rays with reddish-brown center disk</td>
</tr>
<tr>
<td>Sun:</td>
<td>Full sun</td>
</tr>
<tr>
<td>Water:</td>
<td>Dry to medium</td>
</tr>
<tr>
<td>Suggested Use:</td>
<td>Annual</td>
</tr>
<tr>
<td>Attracts:</td>
<td><strong>Butterflies</strong></td>
</tr>
<tr>
<td>Tolerate:</td>
<td>Deer, Drought, Clay Soil, Dry Soil, Shallow-Rocky Soil</td>
</tr>
</tbody>
</table>

Photo credit: Missouri Botanical Garden Plantfinder
Coreopsis tripteris
Tall Coreopsis

Common Name: tickseed
Type: perennial
Family: Asteraceae
Zone: 3 to 8
Height: 2.00 to 8.00 feet
Spread: 2.00 to 8.00 feet
Bloom Time: July to September
Bloom Description: Brown disks with yellow rays
Sun: Full sun
Water: Dry to medium
Use: Naturalize

**Attracts: Butterflies**
Tolerate: Deer, Drought, Clay Soil, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Dalea purpurea**  
**Purple Prairie Clover**

<table>
<thead>
<tr>
<th>Common Name: purple prairie clover</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: perennial</td>
</tr>
<tr>
<td>Family: Fabaceae</td>
</tr>
<tr>
<td>Zone: 3 to 8</td>
</tr>
<tr>
<td>Height: 1.00 to 2.00 feet</td>
</tr>
<tr>
<td>Spread: 1.00 to 1.50 feet</td>
</tr>
<tr>
<td>Bloom Time: June to August</td>
</tr>
<tr>
<td>Bloom Description: Rose/Purple</td>
</tr>
<tr>
<td>Sun: Full sun</td>
</tr>
<tr>
<td>Water: Medium</td>
</tr>
<tr>
<td>Use: Naturalize</td>
</tr>
<tr>
<td><strong>Attracts: Butterflies</strong></td>
</tr>
<tr>
<td>Tolerate: Drought</td>
</tr>
<tr>
<td>(White Prairie Clover (<strong>Dalea candida</strong>))</td>
</tr>
</tbody>
</table>
**Echinacea pallida**

**Pale Purple Coneflower**

- **Common Name:** pale purple coneflower
- **Type:** perennial
- **Family:** Asteraceae
- **Zone:** 3 to 10
- **Height:** 2.00 to 3.00 feet
- **Spread:** 1.00 to 1.50 feet
- **Bloom Time:** June to July
- **Bloom Description:** Pale purple
- **Sun:** Full sun to part shade
- **Water:** Dry to medium
- **Suggested Use:** Naturalize

**Attracts: Butterflies**

**Tolerate:** Deer, Drought, Clay Soil, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Echinacea paradoxa**
**Yellow Coneflower**

<table>
<thead>
<tr>
<th>Common Name: yellow coneflower</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: Herbaceous perennial</td>
</tr>
<tr>
<td>Family: Asteraceae</td>
</tr>
<tr>
<td>Zone: 5 to 8</td>
</tr>
<tr>
<td>Height: 2.00 to 3.00 feet</td>
</tr>
<tr>
<td>Spread: 1.00 to 1.50 feet</td>
</tr>
<tr>
<td>Bloom Time: June to August</td>
</tr>
<tr>
<td>Bloom Description: Yellow</td>
</tr>
<tr>
<td>Sun: Full sun</td>
</tr>
<tr>
<td>Water: Dry to medium</td>
</tr>
<tr>
<td><strong>Attracts: Butterflies</strong></td>
</tr>
<tr>
<td>Tolerate: Deer, Drought, Clay Soil, Dry Soil, Shallow-Rocky Soil</td>
</tr>
</tbody>
</table>

Photo credit: Missouri Botanical Garden Plantfinder
**Echinacea purpurea**  
Purple Coneflower

- Common Name: purple coneflower
- Type: perennial
- Family: Asteraceae
- Native Range: Eastern North America
- Zone: 3 to 8
- Height: 2.00 to 5.00 feet
- Spread: 1.50 to 2.00 feet
- Bloom Time: June to August
- Bloom Description: Purplish pink
- Sun: Full sun to part shade
- Water: Dry to medium
- Use: Naturalize

**Attracts:** Butterflies

**Tolerate:** Deer, Drought, Clay Soil, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Echinacea simulata**  
**Glade Coneflower**

- Common Name: wavy leaf purple coneflower
- Type: perennial
- Family: Asteraceae
- Zone: 5 to 8
- Height: 2.00 to 3.00 feet
- Spread: 1.00 to 2.00 feet
- Bloom Time: June to July
- Bloom Description: Pale pinkish-purple
- Sun: Full sun to part shade
- Water: Medium
- **Attracts: Birds & Butterflies**
- Use: Naturalize
- Tolerate: Deer, Drought, Clay Soil, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Eupatorium purpureum**

**Joe Pye Weed**

- Common Name: Joe Pye weed
- Type: perennial
- Family: Asteraceae
- Zone: 4 to 9
- **Height: 4.00 to 6.5 feet**
- Spread: 2.00 to 4.00 feet
- Bloom Time: July to September
- Bloom Description: Mauve pink
- Sun: Full sun to part shade
- Water: Medium
- Suggested Use: Water Plant, Naturalize, Rain Garden
- **Attracts: Butterflies**
- Tolerate: Deer, Clay Soil, Wet Soil

Photo credit: snetsingerbutterflygarden.org
**Glandularia canadensis**

Rose Verbena

- **Common Name**: rose verbena
- **Type**: perennial
- **Family**: Verbenaceae
- **Zone**: 5 to 9
- **Height**: 0.50 to 1.50 feet
- **Spread**: 1.00 to 2.00 feet
- **Bloom Time**: May to August
- **Bloom Description**: Rose-pink to rose-purple
- **Sun**: Full sun
- **Water**: Dry to medium
- **Suggested Use**: Annual, Ground Cover, Naturalize
- **Attracts**: Birds, Butterflies
- **Tolerate**: Drought, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Helenium autumnale**

Sneezeweed

<table>
<thead>
<tr>
<th>Common Name: sneezeweed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: perennial</td>
</tr>
<tr>
<td>Family: Asteraceae</td>
</tr>
<tr>
<td>Zone: 3 to 8</td>
</tr>
<tr>
<td>Height: 3.00 to 5.00 feet</td>
</tr>
<tr>
<td>Spread: 2.00 to 3.00 feet</td>
</tr>
<tr>
<td>Bloom Time: August to October</td>
</tr>
<tr>
<td>Bloom Description: Yellow rays and dull yellow center disks</td>
</tr>
<tr>
<td>Sun: Full sun</td>
</tr>
<tr>
<td>Water: Medium to wet</td>
</tr>
<tr>
<td>Use: Rain Garden</td>
</tr>
<tr>
<td><strong>Attracts: Butterflies</strong></td>
</tr>
<tr>
<td>Tolerate: Deer, Clay Soil, Wet Soil</td>
</tr>
</tbody>
</table>

Photo credit: Missouri Botanical Garden Plantfinder
**Helenium flexuosum**  
**Purple-headed Sneezeweed**

- **Common Name:** purple-headed sneezeweed  
- **Type:** perennial  
- **Family:** Asteraceae  
- **Zone:** 5 to 9  
- **Height:** 1.00 to 3.00 feet  
- **Spread:** 1.00 to 2.00 feet  
- **Bloom Time:** August to October  
- **Bloom Description:** Yellow rays with brownish-purple center disk  
- **Sun:** Full sun  
- **Water:** Medium to wet  
- **Suggested Use:** Rain Garden  
- **Attracts:** Butterflies  
- **Tolerate:** Deer, Wet Soil

Photo credit: Missouri Botanical Garden Plantfinder
Helianthus occidentalis
Western Sunflower

Common Name: sunflower
Type: perennial
Family: Asteraceae
Zone: 4 to 8
Height: 2.00 to 4.00 feet
Spread: 1.50 to 2.00 feet
Bloom Time: August to September
Bloom Description: Orange-yellow rays and yellow disks
Sun: Full sun
Water: Dry to medium
Use: Naturalize

Attracts: Birds, Butterflies
Tolerate: Deer, Drought, Erosion, Clay Soil, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Helianthus salicifolius**  
*Willow-leaved Sunflower*

- **Common Name:** willow-leaved sunflower  
- **Type:** perennial  
- **Family:** Asteraceae  
- **Zone:** 4 to 9  
- **Height:** 8.00 to 10.00 feet  
- **Spread:** 1.00 to 3.00 feet  
- **Bloom Time:** September to October  
- **Bloom Description:** Yellow rays and dark brown center disks  
- **Sun:** Full sun  
- **Water:** Medium  
- **Use:** Naturalize  
- **Attracts:** Birds, Butterflies  
- **Tolerate:** Deer, Clay Soil

*Photo credit: Missouri Botanical Garden Plantfinder*
**Heliopsis helianthoides**  
Ox-eye Sunflower

| Common Name: oxeye sunflower  
| Type: perennial  
| Family: Asteraceae  
| Zone: 3 to 9  
| Height: 3.00 to 6.00 feet  
| Spread: 2.00 to 4.00 feet  
| Bloom Time: June to August  
| Bloom Description: Orange-yellow rays with brown center disks  
| Sun: Full sun  
| Water: Dry to medium  
| Use: perennial borders & naturalize  
| **Attracts:** Butterflies  
| Tolerate: Drought, Erosion, Clay Soil, Dry Soil, Shallow-Rocky Soil |

Photo credit: Missouri Botanical Garden Plantfinder
*Heuchera parviflora*
Littleflower Alumroot

- **Common Name:** littleflower alumroot
- **Type:** perennial
- **Family:** Saxifragaceae
- **Zone:** 5 to 9
- **Height:** 0.75 to 1.00 feet
- **Spread:** 0.75 to 1.00 feet
- **Bloom Time:** September to November
- **Bloom Description:** pale-pink
- **Sun:** Full sun to part shade
- **Water:** Medium
- **Use:** grown in rock gardens, borders, open woodland gardens, rocky slopes or native plant areas. Best planted in groups or massed.

**Attracts:** Butterflies

Photo credit: Missouri Botanical Garden Plantfinder
Heuchera richardsonii
Alumroot, Coral Bells

Common Name: alum root
Type: perennial
Family: Saxifragaceae
Zone: 3 to 9
Height: 1.00 to 2.00 feet
Spread: 1.00 to 1.50 feet
Bloom Time: June to July
Bloom Description: Cream
Sun: Full sun to part shade
Water: Dry to medium
Use: edging, rock garden
Attracts: Hummingbirds
Tolerate: Drought
Hibiscus laevis (militaris)
Halberd-leaved rose mallow

Common Name: rose mallow
Type: perennial
Family: Malvaceae
Zone: 4 to 9
Height: 4.00 to 6.00 feet
Spread: 2.00 to 3.00 feet
Bloom Time: July to October
Bloom description: white or pink
Sun: Full sun
Water: Medium to wet
Use: Water Plant, Rain Garden

Attracts: Butterflies
Tolerate: Deer, Wet Soil

Photo credit: Missouri Botanical Garden Plantfinder
Hypericum pyramidatum
Great St. John’s Wort

Common Name: great St. John's wort
Type: perennial
Family: Hypericaceae
Zone: 4 to 8
Height: 2.00 to 4.00 feet
Spread: 1.00 to 3.00 feet
Bloom Time: June to August
Bloom Description: Yellow
Sun: Full sun to part shade
Water: Medium
Use: borders, slopes

Attracts: Butterflies

Photo credit: Missouri Botanical Garden Plantfinder
**Iodanthus pinnatifidus**

Purple Rocket

- **Common Name:** purple rocket
- **Type:** perennial
- **Family:** Brassicaceae
- **Zone:** 4 to 8
- **Height:** 1.5 to 2.5 feet
- **Spread:** 1.00 to 2.00 feet
- **Bloom Time:** May to June
- **Bloom Description:** Light violet fading to white
- **Sun:** Part shade to full shade
- **Water:** Medium to wet
- **Use:** Naturalize, Rain Garden

**Attracts:** Butterflies  
**Tolerate:** Heavy Shade
**Iris fulva**

Copper Iris

Common Name: copper iris
Type: perennial
Family: Iridaceae
Zone: 5 to 9
Height: 1.5 to 2.00 feet
Spread: 1.00 to 2.00 feet
Bloom Time: May
Bloom Description: Copper Sun: Full sun to part shade
Water: Medium to wet
Suggested Use: Water Plant, Naturalize, Rain Garden, bogs

**Attracts: Birds**

Tolerate: Deer, Clay Soil, Wet Soil
Iris virginica
Southern Blue Flag

Common Name: southern blue flag
Type: perennial
Family: Iridaceae
Zone: 5 to 9
Height: 2.5 to 3.00 feet
Spread: 1.00 to 3.00 feet
Bloom Time: May
Bloom Description: Violet blue with yellow and white crested falls
Sun: Full sun
Water: Medium to wet
Use: Water Plant, Naturalize, Rain Garden

Attracts: Birds
Tolerate: Deer, Wet Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Liatris aspera**
Rough Blazing Star

- **Common Name:** blazing star
- **Type:** perennial
- **Family:** Asteraceae
- **Zone:** 3 to 8
- **Height:** 2.00 to 3.00 feet
- **Spread:** 1.00 to 1.50 feet
- **Bloom Time:** September
- **Bloom Description:** Purple
- **Sun:** Full sun
- **Water:** Dry to medium
- **Use:** Naturalize, perennial borders
- **Attracts:** Birds, Hummingbirds, Butterflies
- **Tolerate:** Drought, Dry Soil, Shallow-Rocky Soil

Photo credit: Pleasantrunnursery.com
**Lilium michiganense**  
*Michigan Lily*

<table>
<thead>
<tr>
<th>Common Name: Michigan lily</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: Bulb</td>
</tr>
<tr>
<td>Family: Liliaceae</td>
</tr>
<tr>
<td>Zone: 4 to 8</td>
</tr>
<tr>
<td>Height: 2.00 to 5.00 feet</td>
</tr>
<tr>
<td>Spread: 1.00 to 2.00 feet</td>
</tr>
<tr>
<td>Bloom Time: June or July</td>
</tr>
<tr>
<td>Bloom Description: Orange with dark spots</td>
</tr>
<tr>
<td>Sun: Full sun to part shade</td>
</tr>
<tr>
<td>Water: Medium to wet</td>
</tr>
<tr>
<td>Use: Rain Garden</td>
</tr>
</tbody>
</table>

**Attracts:** Hummingbirds, Butterflies  
**Tolerate:** Wet Soil

*Photo credit: Missouri Botanical Garden Plantfinder*
**Lobelia cardinalis**  
**Cardinal Flower**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Name</td>
<td>cardinal flower</td>
</tr>
<tr>
<td>Type</td>
<td>perennial</td>
</tr>
<tr>
<td>Family</td>
<td>Campanulaceae</td>
</tr>
<tr>
<td>Zone</td>
<td>3 to 9</td>
</tr>
<tr>
<td>Height</td>
<td>2.00 to 4.50 feet</td>
</tr>
<tr>
<td>Spread</td>
<td>1.00 to 2.00 feet</td>
</tr>
<tr>
<td>Bloom Time</td>
<td>August to September</td>
</tr>
<tr>
<td>Bloom Description</td>
<td>Scarlet red</td>
</tr>
<tr>
<td>Sun</td>
<td>Full sun to part shade</td>
</tr>
<tr>
<td>Water</td>
<td>Medium to wet</td>
</tr>
<tr>
<td>Use</td>
<td>Naturalize, Rain Garden</td>
</tr>
<tr>
<td>Attracts</td>
<td>Hummingbirds, Butterflies</td>
</tr>
<tr>
<td>Tolerate</td>
<td>Rabbit, Deer, Wet Soil</td>
</tr>
</tbody>
</table>

Photo credit: Missouri Botanical Garden Plantfinder
**Lobelia siphilitica**  
**Blue Lobelia**

<table>
<thead>
<tr>
<th>Common Name: blue cardinal flower</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: perennial</td>
</tr>
<tr>
<td>Family: Campanulaceae</td>
</tr>
<tr>
<td>Zone: 4 to 9</td>
</tr>
<tr>
<td>Height: 1.5 to 3.00 feet</td>
</tr>
<tr>
<td>Spread: 1.00 to 1.50 feet</td>
</tr>
<tr>
<td>Bloom Time: September to October</td>
</tr>
<tr>
<td>Bloom Description: Blue</td>
</tr>
<tr>
<td>Sun: Full sun to part shade</td>
</tr>
<tr>
<td>Water: Medium to wet</td>
</tr>
<tr>
<td>Use: Naturalize, Rain Garden</td>
</tr>
<tr>
<td><strong>Attracts:</strong> Hummingbirds, Butterflies</td>
</tr>
<tr>
<td>Tolerate: Deer, Heavy Shade, Wet Soil</td>
</tr>
</tbody>
</table>

Photo credit: Missouri Botanical Garden Plantfinder
**Mertensia virginica**

**Virginia Bluebells**

Common Name: Virginia bluebells  
Type: perennial  
Family: Boraginaceae  
Zone: 3 to 8  
Height: 1.00 to 2.00 feet  
Spread: 1.00 to 1.50 feet  
Bloom Time: April and May  
Bloom Description: Blue  
Sun: Part shade to full shade  
Water: Medium  
Use: shady woodland  
**Attracts:** Hummingbirds, Butterflies  
Tolerate: Rabbit, Black Walnut

Photo credit: Missouri Botanical Garden Plantfinder
Mimulus ringens
Monkey Flower

Common Name: Allegheny monkey flower
Type: perennial
Family: Phrymaceae
Zone: 3 to 8
Height: 2.00 to 3.00 feet
Spread: 0.75 to 1.00 feet
Bloom Time: June to September
Bloom Description: Lilac-purple
Sun: Full sun to part shade
Water: Medium to wet
Use: Water Plant, Bogs, Rain Garden

Attracts: Hummingbirds
Tolerate: Deer, Wet Soil

Photo credit: Wildflower.org
Monarda bradburiana
Bee Balm, Horsemint

Common Name: eastern beebalm
Type: perennial
Family: Lamiaceae
Zone: 5 to 8
Height: 1.00 to 2.00 feet
Spread: 1.00 to 2.00 feet
Bloom Time: May to June
Bloom Description: Pink to white with purple
Sun: Full sun to part shade
Water: Dry to medium
Use: Herb, Naturalize, Rain Garden

Attracts: Hummingbirds, Butterflies
Tolerate: Deer, Drought, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
Monarda fistulosa
Wild Bergamot

Common Name: wild bergamot
Type: perennial
Family: Lamiaceae
Zone: 3 to 9
Height: 3.00 to 4.00 feet
Spread: 2.00 to 3.00 feet
Bloom Time: June and July
Bloom Description: Pink/lavender
Sun: Full sun to part shade
Water: Dry to medium
Suggested Use: Herb, Naturalize, Rain Garden

Attracts: Hummingbirds, Butterflies
Tolerate: Deer, Drought, Clay Soil, Dry Soil, Shallow-Rocky Soil, Black Walnut

Photo credit: Flickr.com
Parthenium integrifolium
Wild Quinine

Common Name: wild quinine
Type: perennial
Family: Asteraceae
Zone: 4 to 8
Height: 2.00 to 4.00 feet
Spread: 1.00 to 2.00 feet
Bloom Time: May to August
Bloom Description: White
Sun: Full sun
Water: Dry to medium
Use: naturalized, meadow, or prairie

Attracts: Butterflies
Tolerate: Drought, Erosion, Clay Soil, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
Penstemon cobaea
Purple Beardtongue

Common Name: dew flower
Type: perennial
Family: Plantaginaceae
Zone: 5 to 8
Height: 1.00 to 2.00 feet
Spread: 1.00 to 1.50 feet
Bloom Time: May
Bloom Description: White, pink to violet
Sun: Full sun
Water: Dry to medium
Use: Rock garden, wild garden

Attracts: Hummingbirds, Butterflies
Tolerate: Deer, Drought, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Penstemon digitalis**  
**Foxglove Beardtongue**

- **Common Name:** beardtongue
- **Type:** Herbaceous perennial
- **Family:** Plantaginaceae
- **Zone:** 3 to 8
- **Height:** 3.00 to 5.00 feet
- **Spread:** 1.50 to 2.00 feet
- **Bloom Time:** April to June
- **Bloom Description:** White
- **Sun:** Full sun
- **Water:** Dry to medium
- **Use:** Naturalize, Rain Garden
- **Attracts:** Birds, Butterflies
- **Tolerate:** Deer, Drought, Clay Soil, Dry Soil

Photo credit: gobotany.newenglandwild.org
Penstemon tubaeflorus
Prairie Beardtongue

Common Name: White wand beardtongue
Type: perennial
Family: Plantaginaceae
Zone: 4 to 8
Height: 2.00 to 4.00 feet
Spread: 1.00 to 1.50 feet
Bloom Time: May to June
Bloom Description: White
Sun: Full sun
Water: Dry to medium
Use: Native plant gardens, wild gardens
Attracts: Hummingbird, Butterflies
Tolerate: Deer

Photo credit: Dykearboretum.org
Phlox bifida
Sand Phlox

Common Name: sand phlox
Type: perennial
Family: Polemoniaceae
Zone: 4 to 8
Height: 0.25 to 0.50 feet
Spread: 0.50 to 1.00 feet
Bloom Time: March to May
Bloom Description: Pale blue to nearly white
Sun: Full sun to part shade
Water: Dry to medium
Use: Ground Cover, Naturalize, Rock garden
**Attracts: Hummingbirds, Butterflies**
Tolerate: Deer, Drought, Erosion, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Phlox bifida**  
**Wild Sweet William**

<table>
<thead>
<tr>
<th>Common Name:</th>
<th>wild sweet William</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type:</td>
<td>perennial</td>
</tr>
<tr>
<td>Family:</td>
<td>Polemoniaceae</td>
</tr>
<tr>
<td>Zone:</td>
<td>3 to 8</td>
</tr>
<tr>
<td>Height:</td>
<td>1.00 to 1.25 feet</td>
</tr>
<tr>
<td>Spread:</td>
<td>0.75 to 1.00 feet</td>
</tr>
<tr>
<td>Bloom Time:</td>
<td>April to May</td>
</tr>
<tr>
<td>Bloom Description:</td>
<td>Rose/lavender or violet/blue</td>
</tr>
<tr>
<td>Sun:</td>
<td>Part shade to full shade</td>
</tr>
<tr>
<td>Water:</td>
<td>Medium</td>
</tr>
<tr>
<td>Use:</td>
<td>Ground Cover, Naturalize</td>
</tr>
<tr>
<td>Attracts:</td>
<td>Hummingbirds, Butterflies</td>
</tr>
<tr>
<td>Tolerate:</td>
<td>Deer, Drought, Clay Soil, Dry Soil</td>
</tr>
</tbody>
</table>

Photo credit: Missouri Botanical Garden Plantfinder
Phlox glaberrima
Smooth Phlox

Common Name: smooth phlox
Type: perennial
Family: Polemoniaceae
Zone: 3 to 8
Height: 2.00 to 4.00 feet
Spread: 2.00 to 2.50 feet
Bloom Time: June to July
Bloom Description: Reddish purple to pink, some white
Sun: Full sun to part shade
Water: Medium
Use: Naturalize

Attracts: Hummingbirds, Butterflies
Tolerate: Deer

Photo credit: Missouri Botanical Garden Plantfinder
**Phlox paniculata**

**Garden Phlox**

- Common Name: garden phlox
- Type: perennial
- Family: Polemoniaceae
- Zone: 4 to 8
- Height: 2.50 to 4.00 feet
- Spread: 2.00 to 3.00 feet
- Bloom Time: July to September
- Bloom Description: Pink-purple to white
- Sun: Full sun to part shade
- Water: Medium
- Use: perennial border, woodland gardens

**Attracts:** Birds, Hummingbirds, Butterflies

**Tolerate:** Deer, Clay Soil, Black Walnut

Photo credit: Missouri Botanical Garden Plantfinder
Phlox pilosa
Downy Phlox

Common Name: prairie phlox
Type: perennial
Family: Polemoniaceae
Zone: 4 to 9
Height: 1.00 to 1.50 feet
Spread: 1.00 to 1.50 feet
Bloom Time: April to May
Bloom Description: Pink
Sun: Full sun
Water: Medium
Use: Naturalize, Rock gardens

**Attracts: Hummingbirds, Butterflies**
Tolerate: Deer, Drought, Clay Soil

Photo credit: Missouri Botanical Garden Plantfinder
Polemonium reptans
Jacob’s Ladder

Common Name: Jacob's ladder
Type: perennial
Family: Polemoniaceae
Zone: 3 to 8
Height: 1.00 to 1.50 feet
Spread: 1.00 to 1.50 feet
Bloom Time: April to June
Bloom Description: Blue
Sun: shade
Water: Medium
Suggested Use: Naturalize, woodland gardens
**Attracts:** Butterflies
**Tolerate:** Deer

Photo credit: Missouri Botanical Garden Plantfinder
**Pontederia cordata**

**Pickerel Weed**

- **Common Name:** pickerel weed
- **Type:** perennial
- **Family:** Pontederiaceae
- **Zone:** 3 to 10
- **Height:** 1.75 to 2.50 feet
- **Spread:** 1.50 to 2.00 feet
- **Bloom Time:** June to October
- **Bloom Description:** Soft blue
- **Sun:** Half to Full sun
- **Water:** Wet
- **Use:** Water Plant, Naturalize, Rain Garden
- **Attracts:** Hummingbirds, Butterflies
- **Fruit:** Showy, Edible

*Photo credit: Missouri Botanical Garden Plantfinder*
**Pycanthemum pilosum**  
Hairy Mountain Mint

<table>
<thead>
<tr>
<th>Common Name: American mountain mint</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: perennial</td>
</tr>
<tr>
<td>Family: Lamiaceae</td>
</tr>
<tr>
<td>Zone: 4 to 8</td>
</tr>
<tr>
<td>Height: 2.00 to 4.00 feet</td>
</tr>
<tr>
<td>Spread: 1.00 to 3.00 feet</td>
</tr>
<tr>
<td>Bloom Time: July to September</td>
</tr>
<tr>
<td>Bloom Description: White</td>
</tr>
<tr>
<td>Sun: Sun to part shade</td>
</tr>
<tr>
<td>Water: Dry to medium</td>
</tr>
<tr>
<td>Use: Naturalize</td>
</tr>
<tr>
<td><strong>Attracts:</strong> Butterflies</td>
</tr>
<tr>
<td>Tolerate: Drought, Erosion, Dry Soil</td>
</tr>
</tbody>
</table>

Photo credit: Missouri Botanical Garden Plantfinder
**Pycanthemum fenuifolium**
**Slender Mountain Mint**

- **Common Name**: slender mountain mint
- **Type**: perennial
- **Family**: Lamiaceae
- **Native Range**: Eastern North America
- **Zone**: 4 to 8
- **Height**: 1.00 to 2.00 feet
- **Spread**: 2.00 to 3.00 feet
- **Bloom Time**: July to August
- **Bloom Description**: White
- **Sun**: Full sun
- **Water**: Dry to medium
- **Suggested Use**: Naturalize, herb garden
- **Attracts**: Butterflies
- **Tolerate**: Drought, Erosion, Clay Soil, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
Ratibida columnifera
Long-headed Coneflower

- **Common Name:** long-head coneflower
- **Type:** perennial
- **Family:** Asteraceae
- **Zone:** 3 to 8
- **Height:** 2.00 to 3.00 feet
- **Spread:** 1.00 to 1.50 feet
- **Bloom Time:** June to September
- **Bloom Description:** Golden-edged rusty rays and brown center disks
- **Sun:** Full sun
- **Water:** Dry to medium
- **Use:** Meadows & Prairies

**Attracts:** Butterflies

**Tolerate:** Drought, Dry Soil

Photo credit: Minnesotaseasons.com
**Ratibida pinnata**
Grey-headed Coneflower

<table>
<thead>
<tr>
<th>Common Name: grey-head coneflower</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: perennial</td>
</tr>
<tr>
<td>Family: Asteraceae</td>
</tr>
<tr>
<td>Zone: 3 to 8</td>
</tr>
<tr>
<td>Height: 3.00 to 4.00 feet</td>
</tr>
<tr>
<td>Spread: 1.50 to 2.00 feet</td>
</tr>
<tr>
<td>Bloom Time: June to July</td>
</tr>
<tr>
<td>Bloom Description: Yellow</td>
</tr>
<tr>
<td>Sun: Full sun</td>
</tr>
<tr>
<td>Water: Medium</td>
</tr>
<tr>
<td>Use: Native plant garden</td>
</tr>
</tbody>
</table>

**Attracts:** Butterflies

**Tolerate:** Drought, Clay Soil

Photo credit: Minnesotaseasons.com
**Rudbeckia fulgida**  
**Showy Coneflower**

<table>
<thead>
<tr>
<th>Common Name: orange coneflower</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: perennial</td>
</tr>
<tr>
<td>Family: Asteraceae</td>
</tr>
<tr>
<td>Zone: 3 to 9</td>
</tr>
<tr>
<td>Height: 2.00 to 2.50 feet</td>
</tr>
<tr>
<td>Spread: 2.00 to 2.50 feet</td>
</tr>
<tr>
<td>Bloom Time: July to September</td>
</tr>
<tr>
<td>Bloom Description: Orange / yellow</td>
</tr>
<tr>
<td>Sun: Full sun</td>
</tr>
<tr>
<td>Water: Dry to medium</td>
</tr>
<tr>
<td>Use: Naturalize, Rain Garden</td>
</tr>
</tbody>
</table>

**Attracts: Butterflies**

Tolerate: Deer, Drought, Clay Soil, Dry Soil, Shallow-Rocky Soil, Air Pollution

Photo credit: Missouri Botanical Garden Plantfinder
**Rudbekia missouriensis**
*Missouri Coneflower*

- **Common Name:** Missouri coneflower
- **Type:** perennial
- **Family:** Asteraceae
- **Zone:** 5 to 8
- **Height:** 2.00 to 2.50 feet
- **Spread:** 1.00 to 2.00 feet
- **Bloom Time:** July to August
- **Bloom Description:** yellow
- **Sun:** Full sun
- **Water:** Dry to medium
- **Use:** Naturalize, Rock gardens, Borders

**Attracts: Butterflies**

**Tolerate:** Deer, Drought, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
Rudbekia subtomentosa
Sweet Coneflower

Common Name: sweet coneflower
Type: perennial
Family: Asteraceae
Zone: 4 to 8
Height: 3.00 to 4.50 feet
Spread: 1.00 to 2.00 feet
Bloom Time: August to September
Bloom Description: Yellow rays and brownish purple center disks
Sun: Full sun to medium shade
Water: Medium
Use: Rain Garden
Attracts: Butterflies
Tolerate: Deer, Drought, Clay Soil

Photo credit: Missouri Botanical Garden Plantfinder
*Ruellia humilis*

**Hairy Wild Petunia**

- Common Name: wild petunia
- Type: perennial
- Family: Acanthaceae
- Zone: 4 to 8
- Height: 1.00 to 1.25 feet
- Spread: 1.50 to 2.00 feet
- Bloom Time: June to September
- Bloom Description: Lavender/lilac-blue
- Sun: Full sun to part shade
- Water: Dry to medium
- Use: edge of sunny, dry beds

**Attracts:** Hummingbirds, Butterflies

**Tolerate:** Drought, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Salvia azurea**  
**Blue Sage**

<table>
<thead>
<tr>
<th>Common Name: blue sage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: perennial</td>
</tr>
<tr>
<td>Family: Lamiaceae</td>
</tr>
<tr>
<td>Zone: 5 to 9</td>
</tr>
<tr>
<td>Height: 3.00 to 5.00 feet</td>
</tr>
<tr>
<td>Spread: 2.00 to 4.00 feet</td>
</tr>
<tr>
<td>Bloom Time: August to September</td>
</tr>
<tr>
<td>Bloom Description: blue</td>
</tr>
<tr>
<td>Sun: Full sun</td>
</tr>
<tr>
<td>Water: Dry to medium</td>
</tr>
<tr>
<td>Use: prairies, wild areas</td>
</tr>
</tbody>
</table>

**Attracts: Hummingbirds, Butterflies**

Tolerate: Deer, Drought, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
Scutellaria incana
Downy Skullcap

Common Name: downy skullcap
Type: perennial
Family: Lamiaceae
Zone: 5 to 8
Height: 2.50 to 3.25 feet
Spread: 1.50 to 2.00 feet
Bloom Time: August to September
Bloom Description: Blue
Sun: Full sun to medium shade
Water: average to moist
Use: water garden candidate

**Attracts:** Hummingbirds, Butterflies

Tolerate: Drought, Clay Soil, Dry Soil

Photo credit: Missouri Botanical Garden Plantfinder
Pakera aureus / obovatus
Golden Ragwort/Squaw-Weed

Common Name: round-leaved ragwort
Type: Herbaceous perennial
Family: Asteraceae
Zone: 3 to 8
Height: 1.00 to 1.50 feet
Spread: 0.50 to 1.00 feet
Bloom Time: April to May
Bloom Description: Yellow
Sun: Half sun to full shade
Water: avg. to moist, dry to avg
Use: Ground Cover, Naturalize, Rain Garden

Attracts: Butterflies

Photo credit: Missouri Botanical Garden Plantfinder
**Senna marilandica**  
**Wild Senna**

- **Common Name:** wild senna  
- **Type:** perennial  
- **Family:** Fabaceae  
- **Zone:** 4 to 9  
- **Height:** 4.00 to 6.00 feet  
- **Spread:** 2.00 to 3.00 feet  
- **Bloom Time:** July to August  
- **Bloom Description:** Yellow  
- **Sun:** Sun to light shade  
- **Water:** Average to moist  
- **Use:** Native plant garden  

**Attracts:** Butterflies  
**Tolerate:** Clay Soil

Photo credit: Buyrareseeds.com
**Silene caroliniana**

**Wild Pink**

Common Name: wild pink  
Type: perennial  
Family: Caryophyllaceae  
Zone: 5 to 8  
Height: 2 to 4 inches  
Spread: 0.75 to 1.00 feet  
Bloom Time: April to May  
Bloom Description: Pink  
Sun: Part sun to light shade  
Water: Dry to medium  
Use: Rock gardens  

**Attracts: Hummingbirds, Butterflies**

Tolerate: Drought, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
*Silene regia*
Royals Catchfly

Common Name: royal catchfly
Type: perennial
Family: Caryophyllaceae
Zone: 5 to 8
Height: 2.00 to 4.00 feet
Spread: 1.50 to 2.00 feet
Bloom Time: June to August
Bloom Description: Red
Sun: Full sun to part shade
Water: Dry to medium
Use: Woodland gardens

**Attracts: Hummingbirds**

Tolerate: Drought, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
Silene virginica
Fire Pink

Common Name: fire pink
Type: perennial
Family: Caryophyllaceae
Zone: 4 to 8
Height: 1.00 to 1.25 feet
Spread: 0.75 to 1.50 feet
Bloom Time: April to May
Bloom Description: Red
Sun: Sun to medium shade
Water: Dry to medium
Use: Naturalized, Rock gardens

Attracts: Hummingbirds

Tolerate: Drought, Clay Soil, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
*Silphium integrifolium*

Rosinweed

- **Common Name:** rosinweed
- **Type:** perennial
- **Family:** Asteraceae
- **Zone:** 4 to 8
- **Height:** 5.00 to 7.50 feet
- **Spread:** 1.00 to 3.00 feet
- **Bloom Time:** July to August
- **Bloom Description:** Yellow
- **Sun:** Half to Full sun
- **Water:** Dry to Medium
- **Use:** Naturalize
- **Attracts:** Birds, Butterflies
- **Tolerate:** Clay Soil

Photo credit: Missouri Botanical Garden Plantfinder
Silphium laciniatum
Compass Plant

- Common Name: compass plant
- Type: perennial
- Family: Asteraceae
- Zone: 3 to 8
- Height: 5.00 to 9.00 feet
- Spread: 1.50 to 3.00 feet
- Bloom Time: July to August
- Bloom Description: Yellow
- Sun: Full sun
- Water: Medium
- Use: Naturalize

**Attracts:** Butterflies

Photo credit: Missouri Botanical Garden Plantfinder
**Silphium perfoliatum**  
**Cup Plant**

| Common Name: cup plant  
| Type: Herbaceous perennial  
| Family: Asteraceae  
| Zone: 3 to 9  
| Height: 4.00 to 8.00 feet  
| Spread: 1.00 to 3.00 feet  
| Bloom Time: July to September  
| Bloom Description: Yellow  
| Sun: Full sun to Light Shade  
| Water: Medium to wet  
| Use: Naturalize, Rain Garden  
| **Attracts: Birds, Butterflies**  
| Tolerate: Clay Soil, Wet Soil  

Photo credit: Missouri Botanical Garden Plantfinder
Sisyrinchium campestre
Prairie Blue-eyed Grass

Common Name: prairie blue-eyed grass
Type: perennial
Family: Iridaceae
Zone: 2 to 8
Height: 0.75 to 1.00 feet
Spread: 0.25 to 0.50 feet
Bloom Time: May to June
Bloom Description: Pale blue to white
Sun: Half to Full sun
Water: Medium
Use: Rock gardens, pathway edger

Attracts: Butterflies

Photo credit: Missouri Botanical Garden Plantfinder
**Solidago drummondii**
**Cliff Goldenrod**

<table>
<thead>
<tr>
<th>Common Name: goldenrod</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: perennial</td>
</tr>
<tr>
<td>Family: Asteraceae</td>
</tr>
<tr>
<td>Zone: 5 to 8</td>
</tr>
<tr>
<td>Height: 1.50 to 2.50 feet</td>
</tr>
<tr>
<td>Spread: 1.50 to 3.00 feet</td>
</tr>
<tr>
<td>Bloom Time: September to October</td>
</tr>
<tr>
<td>Bloom Description: Yellow</td>
</tr>
<tr>
<td>Sun: Sun to medium shade</td>
</tr>
<tr>
<td>Water: Dry to medium</td>
</tr>
<tr>
<td>Maintenance: Low</td>
</tr>
<tr>
<td>Use: Native plant garden, Rock garden</td>
</tr>
</tbody>
</table>

**Attracts: Butterflies**

**Tolerate:** Deer, Drought, Clay Soil, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
Solidago flexicaulis
Zigzag Goldenrod

Common Name: broad leaf goldenrod
Type: perennial
Family: Asteraceae
Zone: 3 to 8
Height: 1.50 to 2.50 feet
Spread: 1.00 to 3.00 feet
Bloom Time: August to October
Bloom Description: Yellow
Sun: Light to medium shade
Water: Medium
Use: Naturalize

Attracts: Butterflies
Tolerate: Deer, Heavy Shade, Clay Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Solidago ptarmicoides**  
**White Upland Aster**

- **Common Name:** prairie aster  
- **Type:** perennial  
- **Family:** Asteraceae  
- **Zone:** 3 to 8  
- **Height:** 1.00 to 1.75 feet  
- **Spread:** 1.00 to 2.00 feet  
- **Bloom Time:** July to September  
- **Bloom Description:** White with pale yellow centers  
- **Sun:** Full sun  
- **Water:** Dry to medium  
- **Use:** Naturalize  
- **Attracts:** Birds, Butterflies  
- **Tolerate:** Drought, Dry Soil

Photo credit: Missouri Botanical Garden Plantfinder
Spigelia marilandica
Indian Pink

Common Name: Indian pink
Type: perennial
Family: Loganiaceae
Zone: 5 to 9
Height: 2.00 feet
Spread: 0.50 to 1.50 feet
Bloom Time: June to July
Bloom Description: Red and yellow
Sun: Part shade to full shade
Water: Medium
Use: shade garden

Attracts: Hummingbirds
Tolerate: Drought, Dry Soil

Photo credit: Missouri Botanical Garden Plantfinder
Thalia dealbata
Water Canna

Common Name: thalia
Type: perennial
Family: Marantaceae
Zone: 6 to 10
Height: 4.00 to 5.00 feet
Spread: 3.00 to 6.00 feet
Bloom Time: July to August
Bloom Description: Dark Blue
Sun: Full sun
Water: Wet
Use: Annual, Water Plant, Rain Garden

Attracts: Hummingbirds

Photo credit: Missouri Botanical Garden Plantfinder
**Tradescantia ernestiana**

Woodland Spiderwort

- **Common Name:** spiderwort
- **Type:** perennial
- **Family:** Commelinaceae
- **Zone:** 5 to 9
- **Height:** 0.50 to 1.25 feet
- **Spread:** 1.00 to 2.00 feet
- **Bloom Time:** April to May
- **Bloom Description:** Rose-red to blue to deep purple
- **Sun:** Part shade to full shade
- **Water:** Medium to wet
- **Use:** Naturalize, rock gardens, shade gardens

**Attracts:** Butterflies

Photo credit: Missouri Botanical Garden Plantfinder
Tradescantia ohiensis
Ohio Spiderwort

Common Name: Ohio spiderwort
Type: perennial
Family: Commelinaceae
Zone: 4 to 9
Height: 3.00 to 4.00 feet
Spread: 1.50 to 2.50 feet
Bloom Time: May to July
Bloom Description: Deep blue
Sun: Full sun to part shade
Water: Dry to medium
Use: Naturalize

**Attracts: Butterflies**

Tolerate: Drought, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Verbena hastata**  
**Blue Vervain**

- **Common Name:** American blue vervain  
- **Type:** perennial  
- **Family:** Verbenaceae  
- **Zone:** 3 to 8  
- **Height:** 3.00 to 5.00 feet  
- **Spread:** 1.00 to 2.50 feet  
- **Bloom Time:** June to September  
- **Bloom Description:** Purplish-blue  
- **Sun:** Full sun  
- **Water:** Medium to wet  
- **Use:** Naturalize, Rain Garden  

**Attracts:** Hummingbirds, Butterflies

**Tolerate:** Wet Soil

Photo credit: Cloudheadhollowblogspot.com
Verbesina helianthoides
Yellow Crownbeard

Common Name: crown beard
Type: perennial
Family: Asteraceae
Zone: 5 to 8
Height: 3.00 to 4.50 feet
Spread: 1.00 to 2.00 feet
Bloom Time: May to September
Bloom Description: Yellow
Sun: Sun to Light shade
Water: Dry to medium
Use: Naturalize

Attracts: Butterflies
Tolerate: Drought, Erosion, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
Veronia arkansana
Curlytop Ironweed

Common Name: great ironweed
Type: perennial
Family: Asteraceae
Zone: 5 to 8
Height: 3.00 to 4.00 feet
Spread: 3.00 to 4.00 feet
Bloom Time: July to August
Bloom Description: purple
Sun: Sun to Light shade
Water: Medium to wet
Use: Naturalize, Cottage garden, wet areas

Attracts: Butterflies
Tolerate: Deer, Wet Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Veronicastrum virginicum**  
Culver’s Root

<table>
<thead>
<tr>
<th>Common Name: Culver's root</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: perennial</td>
<td></td>
</tr>
<tr>
<td>Family: Plantaginaceae</td>
<td></td>
</tr>
<tr>
<td>Zone: 3 to 8</td>
<td></td>
</tr>
<tr>
<td>Height: 3.00 to 4.00 feet</td>
<td></td>
</tr>
<tr>
<td>Spread: 2.00 to 4.00 feet</td>
<td></td>
</tr>
<tr>
<td>Bloom Time: June to August</td>
<td></td>
</tr>
<tr>
<td>Bloom Description: White to pale blue</td>
<td></td>
</tr>
<tr>
<td>Sun: Full sun</td>
<td></td>
</tr>
<tr>
<td>Water: Medium to wet</td>
<td></td>
</tr>
<tr>
<td>Use: Rain Garden, Cottage garden</td>
<td></td>
</tr>
<tr>
<td><strong>Attracts:</strong> Butterflies</td>
<td></td>
</tr>
<tr>
<td>Tolerate: Wet Soil</td>
<td></td>
</tr>
</tbody>
</table>

Photo credit: Missouri Botanical Garden Plantfinder
Aesculus pavia
Red Buckeye

Common Name: red buckeye
Type: Deciduous shrub
Family: Sapindaceae
Zone: 4 to 8
Height: 6.00 to 20.00 feet
Spread: 12.00 to 15.00 feet
Bloom Time: April to June
Bloom Description: Bright red
Sun: Full sun to part shade
Water: Medium
Use: Hedge, Flowering Tree, Rain Garden

Attracts: Hummingbirds
Tolerate: Clay Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Amelanchier arborea**

**Serviceberry**

- **Common Name:** serviceberry
- **Type:** Tree
- **Family:** Rosaceae
- **Zone:** 4 to 9
- **Height:** 15.00 to 25.00 feet
- **Spread:** 15.00 to 25.00 feet
- **Bloom Time:** March to May
- **Bloom Description:** White
- **Sun:** Full sun to part shade
- **Water:** Medium
- **Suggested Use:** Flowering Tree
- **Attracts:** Birds, Butterflies
- **Fruit:** Showy, Edible
- **Tolerate:** Clay Soil, Air Pollution

*Photo credit: Missouri Botanical Garden Plantfinder*
**Amorpha canescens**

**Lead Plant**

- **Common Name:** lead plant
- **Type:** Deciduous shrub
- **Family:** Fabaceae
- **Native Range:** North America
- **Zone:** 2 to 9
- **Height:** 3.00 to 4.00 feet
- **Spread:** 2.00 to 2.50 feet
- **Bloom Time:** June
- **Bloom Description:** Purple, blue
- **Sun:** Full sun to light shade
- **Water:** Dry to medium
- **Suggested Use:** Naturalize

**Attracts:** Butterflies  
**Tolerate:** Drought, Erosion, Dry Soil

Photo credit: Missouri Botanical Garden Plantfinder and easywildflowers.com
**Amorpha fruticosa**  
**Indigo Bush**

- Common Name: false indigo  
- Type: Deciduous shrub  
- Family: Fabaceae  
- Zone: 4 to 9  
- Height: 6.00 to 10.00 feet  
- Spread: 6.00 to 15.00 feet  
- Bloom Time: May to June  
- Bloom Description: Purple with orange-yellow anthers  
- Sun: Full sun  
- Water: Medium to wet  
- Use: Erosion control, wind breaks  

**Attracts: Butterflies**

Tolerate: Wet Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Aronia melanocarpa**  
**Black Chokeberry**

Common Name: black chokeberry  
Type: Deciduous shrub  
Family: Rosaceae  
Zone: 3 to 8  
Height: 6.00 to 8.00 feet  
Spread: 3.00 to 6.00 feet  
Bloom Time: April to May  
Bloom Description: White  
Sun: Full sun to part shade  
Water: Medium  
Use: Hedge, Naturalize, Rain Garden  

**Attracts:** Birds, Butterflies  
Fruit: Showy, Edible

Photo credit: Missouri Botanical Garden Plantfinder
Asimina triloba
PawPaw

Common Name: pawpaw
Type: Tree
Family: Annonaceae
Zone: 5 to 9
Height: 20.00 to 30.00 feet
Spread: 15.00 to 30.00 feet
Bloom Time: April to May
Bloom Description: Maroon
Sun: Full sun to part shade
Water: Medium to wet
Use: Rain Garden

Attracts: Butterflies
Flower: Fragrant, Insignificant
Fruit: Showy, Edible
Tolerate: Wet Soil

Photo credit: Missouri Botanical Garden Plantfinder
Ceanothus americanus
New Jersey Tea

Common Name: New Jersey tea
Type: Deciduous shrub
Family: Rhamnaceae
Zone: 4 to 8
Height: 3.00 to 4.00 feet
Spread: 3.00 to 5.00 feet
Bloom Time: May to July
Bloom Description: White
Sun: Full sun to part shade
Water: Dry to medium
Use: Native plant gardens, shrubby groundcover
Attracts: Hummingbirds, Butterflies
Tolerate: Drought, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri Botanical Garden Plantfinder
Cephalanthus occidentalis
Buttonbush

Common Name: buttonbush
Type: Deciduous shrub
Family: Rubiaceae
Zone: 5 to 9
Height: 6.00 to 10.00 feet
Spread: 4.00 to 8.00 feet
Bloom Time: June
Bloom Description: White
Sun: Full sun to part shade
Water: Medium to wet
Suggested Use: Rain Garden
Attracts: Hummingbirds, Butterflies
Fruit: Showy
Other: Winter Interest
Tolerate: Erosion, Wet Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Cercis canadensis**  
Eastern Redbud

- **Common Name:** eastern redbud  
- **Type:** Tree  
- **Family:** Fabaceae  
- **Zone:** 4 to 8  
- **Height:** 20.00 to 30.00 feet  
- **Spread:** 25.00 to 35.00 feet  
- **Bloom Time:** March to April  
- **Bloom Description:** Pink  
- **Sun:** Full sun to part shade  
- **Water:** Medium  
- **Use:** Street Tree, Flowering Tree, Naturalize  
- **Attracts:** Butterflies  
- **Tolerate:** Deer, Clay Soil, Black Walnut

*Photo credit: Missouri Botanical Garden Plantfinder*
Cornus amomum
Silky Dogwood

Common Name: dogwood
Type: Deciduous shrub
Family: Cornaceae
Zone: 5 to 8
Height: 6.00 to 8.00 feet
Spread: 6.00 to 12.00 feet
Bloom Time: June
Bloom Description: Yellowish white
Sun: Full sun to part shade
Water: Medium to wet
Use: Hedge, Rain Garden
Flower: Showy
Attracts: Birds, Butterflies
Tolerate: Deer, Erosion

Photo credit: Missouri Botanical Garden Plantfinder
**Cornus florida**  
Flowering Dogwood

- **Common Name:** flowering dogwood  
- **Type:** Tree  
- **Family:** Cornaceae  
- **Zone:** 5 to 9  
- **Height:** 20.00 to 30.00 feet  
- **Spread:** 15.00 to 30.00 feet  
- **Bloom Time:** April to May  
- **Bloom Description:** White (bracts)  
- **Sun:** Full sun to part shade  
- **Water:** Medium  
- **Use:** Flowering Tree  
- **Attracts:** Birds, Butterflies  
- **Tolerate:** Deer, Clay Soil, Black Walnut

*Photo credit: Missouri Botanical Garden Plantfinder*
**Crataeaus viridis**

**Green Hawthorn**

- **Common Name:** green hawthorn
- **Type:** Tree
- **Family:** Rosaceae
- **Zone:** 4 to 7
- **Height:** 25.00 to 35.00 feet
- **Spread:** 25.00 to 35.00 feet
- **Bloom Time:** May
- **Bloom Description:** White
- **Sun:** Full sun
- **Water:** Dry to medium
- **Use:** Flowering Tree
- **Attracts:** Birds, Butterflies
- **Fruit:** Showy
- **Other:** Winter Interest, Thorns
- **Tolerate:** Drought, Clay Soil, Dry Soil

Photo credit: Missouri Botanical Garden Plantfinder
Itea virginica
Virginia Sweetspire

Common Name: Virginia sweetspire
Type: Deciduous shrub
Family: Iteaceae
Zone: 5 to 9
Height: 4.00 to 6.00 feet
Spread: 3.00 to 5.00 feet
Bloom Time: May to July
Bloom Description: White
Sun: Full sun to part shade
Water: Medium to wet
Use: Rain Garden
Attracts: Butterflies
Tolerate: Heavy Shade, Erosion, Clay Soil, Wet Soil

Photo credit: Missouri Botanical Garden Plantfinder
**Lindera benzoin**

Spice Bush

- **Common Name:** spice bush
- **Type:** Deciduous shrub
- **Family:** Lauraceae
- **Zone:** 4 to 9
- **Height:** 6.00 to 14.00 feet
- **Spread:** 6.00 to 12.00 feet
- **Bloom Time:** February to March
- **Bloom Description:** Greenish yellow
- **Sun:** Full sun to part shade
- **Water:** Medium
- **Use:** Woodlands, Rain Garden
- **Attracts:** Birds, Butterflies
- **Tolerate:** Deer, Drought, Heavy Shade, Clay Soil

Photo credit: Missouri Botanical Garden Plantfinder
Physocarpus opulifolium
Ninebark

Common Name: ninebark
Type: Deciduous shrub
Family: Rosaceae
Zone: 2 to 8
Height: 8.00 to 9.00 feet
Spread: 4.00 to 6.00 feet
Bloom Time: May to June
Bloom: White or pink
Sun: Full sun to part shade
Water: Dry to medium
Use: Hedge

**Attracts:** Butterflies
Tolerate: Drought, Erosion, Clay Soil, Dry Soil, Shallow-Rocky Soil

Photo credit: Missouri
# Prunus mexicana

## Mexican Plum

<table>
<thead>
<tr>
<th>Common Name: Mexican plum</th>
<th>Type: Tree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Family: Rosaceae</td>
<td></td>
</tr>
<tr>
<td>Zone: 6 to 8</td>
<td></td>
</tr>
<tr>
<td>Height: 15.00 to 25.00 feet</td>
<td></td>
</tr>
<tr>
<td>Spread: 15.00 to 25.00 feet</td>
<td></td>
</tr>
<tr>
<td>Bloom Time: April to May</td>
<td></td>
</tr>
<tr>
<td>Bloom Description: White</td>
<td></td>
</tr>
<tr>
<td>Sun: Full sun to part shade</td>
<td></td>
</tr>
<tr>
<td>Water: Medium</td>
<td></td>
</tr>
<tr>
<td>Use: Flowering Tree</td>
<td></td>
</tr>
<tr>
<td><strong>Attracts: Birds, Butterflies</strong></td>
<td></td>
</tr>
<tr>
<td>Fruit: Showy, Edible</td>
<td></td>
</tr>
</tbody>
</table>

Photo credit: Flickr.com
**Viburnum rufidulum**
**Rusty Black Haw**

Common Name: rusty blackhaw viburnum  
Type: Deciduous shrub  
Family: Adoxaceae  
Zone: 5 to 9  
Height: 10.00 to 15.00 feet  
Spread: 10.00 to 20.00 feet  
Bloom Time: April to May  
Bloom Description: White  
Sun: Full sun to part shade  
Water: Dry to medium  
Use: Hedge  

*Attracts: Birds, Butterflies*
Andropogon gerardii
Big Bluestem

Common Name: big blue stem
Type: Ornamental grass
Family: Poaceae
Zone: 4 to 9
Height: 5.00 to 8.00 feet
Spread: 2.00 to 3.00 feet
Bloom Time: September to February
Bloom Description: Purplish-red
Sun: Full sun
Water: Dry to medium
Use: Naturalize, native garden, erosion control

**Attracts: Butterflies**
Leaf: Good Fall
Other: Winter Interest
Tolerate: Deer, Drought, Erosion, Dry Soil, Black Walnut, Air Pollution

Photo credit: Missouri Botanical Garden Plantfinder
Carex stricta  
Tussock Sedge

Common Name: tussock sedge  
Type: Rush or Sedge  
Family: Cyperaceae  
Zone: 3 to 8  
Height: 1.25 to 2.00 feet  
Spread: 1.00 to 2.00 feet  
Bloom Time: May to June  
Bloom Description: Reddish-brown  
Sun: Full sun to part shade  
Water: Medium to wet  
Use: Water Plant, Naturalize, Rain Garden  

Attracts: Butterflies  
Leaf: Evergreen  
Other: Winter Interest  
Tolerate: Deer, Erosion

Photo credit: Missouri Botanical Garden Plantfinder
Chasmanthium latifolium
River Oats, Sea Oats

Common Name: Indian woodoats
Type: Ornamental grass
Family: Poaceae
Zone: 3 to 8
Height: 2.00 to 3.00 feet
Spread: 1.00 to 2.50 feet
Bloom Time: July to August
Bloom Description: Green
Sun: Full sun to part shade
Water: Medium to wet
Suggested Use: Naturalize
Flower: Showy, Good Cut, Good Dried
Attracts: Butterflies
Other: Winter Interest
Tolerate: Black Walnut

Photo credit: Missouri Botanical Garden Plantfinder
Elymus canadensis
Canada Wild Rye

Common Name: Canada wild rye
Type: Ornamental grass
Family: Poaceae
Zone: 3 to 8
Height: 3.00 to 4.00 feet
Spread: 2.00 to 3.00 feet
Bloom Time: June to July
Bloom Description: Greenish
Sun: Full sun
Water: Dry to medium
Flower: Good Cut, Good Dried
Use: Naturalize

Attracts: Birds, Butterflies
Tolerate: Drought, Erosion, Dry Soil, Black Walnut, Air Pollution

Photo credit: Missouri Botanical Garden Plantfinder
Elymus hystrix
Bottlebrush grass

- Common Name: bottlebrush grass  
- Type: Ornamental grass  
- Family: Poaceae  
- Zone: 5 to 9  
- Height: 2.50 to 4.00 feet  
- Spread: 1.00 to 1.50 feet  
- Bloom Time: June to July  
- Bloom Description: Green maturing to brown  
- Sun: Full sun to part shade  
- Water: Dry to medium  
- Use: Naturalize  
- Flower: Showy, Good Cut

**Attracts: Birds**

Tolerate: Drought, Heavy Shade, Erosion, Dry Soil, Black Walnut, Air Pollution

Photo credit: Missouri Botanical Garden Plantfinder
Schizachyrium scoparium
Little Bluestem

Common Name: little bluestem
Type: Ornamental grass
Family: Poaceae
Zone: 3 to 9
Height: 2.00 to 4.00 feet
Spread: 1.50 to 2.00 feet
Bloom Time: July to October
Bloom Description: Purplish bronze
Sun: Full sun
Water: Dry to medium
Use: Borders, wild gardens

Attracts: Butterflies
Tolerate: Deer, Drought, Erosion, Dry Soil, Shallow-Rocky Soil, Black Walnut, Air Pollution

Photo credit: Missouri Botanical Garden Plantfinder
Aristolochia tomentosa
Dutchman’s Pipevine

Common Name: Dutchman's pipe
Type: Vine
Family: Aristolochiaceae
Zone: 5 to 8
Height: 20.00 to 30.00 feet
Spread: 5.00 to 10.00 feet
Bloom Time: May to June
Bloom Description: Greenish yellow
Sun: Full sun to part shade
Water: Medium
Flower: Showy
Use: trellises, arbors, porches, verandas
Attracts: Butterflies

Photo credit: Missouri Botanical Garden Plantfinder
Bignonia capreolata
Cross Vine

Common Name: cross vine
Type: Vine
Family: Bignoniaceae
Zone: 5 to 9
Height: 35.00 to 50.00 feet
Spread: 6.00 to 9.00 feet
Bloom Time: April to June
Bloom Description: Orange-red
Sun: Full sun to part shade
Water: Medium
Flower: Showy, Fragrant
Use: arbors, trellises
Attracts: Hummingbirds
Tolerate: Heavy Shade

Photo credit: Missouri Botanical Garden Plantfinder
Campsis radicans
Trumpet Creeper

Common Name: trumpetcreeper
Type: Vine
Family: Bignoniaceae
Zone: 4 to 9
Height: 25.00 to 40.00 feet
Spread: 5.00 to 10.00 feet
Bloom Time: June to August
Bloom Description: Orange, scarlet
Sun: Full sun to part shade
Water: Medium
Maintenance: High
Use: Naturalize
Flower: Showy
Attracts: Hummingbirds
Tolerate: Deer, Drought, Clay Soil

Photo credit: Missouri Botanical Garden Plantfinder

WARNING! THUG ALERT!
**Lonicera flava**  
**Yellow Honeysuckle**

- **Common Name:** honeysuckle  
- **Type:** Vine  
- **Family:** Caprifoliaceae  
- **Zone:** 5 to 8  
- **Height:** 10.00 to 20.00 feet  
- **Spread:** 3.00 to 6.00 feet  
- **Bloom Time:** April to May  
- **Bloom Description:** orange-yellow  
- **Sun:** Full sun to part shade  
- **Water:** Medium  
- **Use:** trellis, fence, native plant garden  

**Attracts:** Birds, Hummingbirds, Butterflies  
**Tolerate:** Deer, Black Walnut

Photo credit: Missouri Botanical Garden Plantfinder
Lonicera sempervirens
Coral Honeysuckle

Common Name: trumpet honeysuckle
Type: Vine
Family: Caprifoliaceae
Zone: 4 to 9
Height: 8.00 to 15.00 feet
Spread: 3.00 to 6.00 feet
Bloom Time: April to July
Bloom Description: Scarlet/orange with yellow inside
Sun: Full sun to part sun
Water: Medium
Use: Naturalize
Flower: Showy

Attracts: Birds, Hummingbirds, Butterflies
Tolerate: Deer, Clay Soil, Black Walnut

Photo credit: Missouri Botanical Garden Plantfinder
Passiflora incarnata
Passion Flower

Common Name: purple passionflower
Type: Vine
Family: Passifloraceae
Zone: 5 to 9
Height: 6.00 to 8.00 feet
Spread: 3.00 to 6.00 feet
Bloom Time: June to August
Bloom Description: White with purple crown
Sun: Full sun to part shade
Water: Medium
Use: trellis, arbor, wall, or fence

Attracts: Butterflies
Tolerate: Drought

Photo credit: Missouri Botanical Garden Plantfinder
Step One: Evaluate Your Site

Native plants are grouped into a variety of diverse categories: plants that attract birds, hummingbirds, pollinators, or butterflies; plants to grow in rain gardens, on prairies, in glades or forests; plants for shady to full sun areas; and plants to grow in dry, average or soggy wet soils.

When you decide to grow natives, determine the right plants for your space. This is a critical first step towards success. (Simply sprinkling around a package of wildflower seeds usually results in a disappointing failure.) You should determine:

- Sun vs. Shade
- Dry vs. Wet
- Clay, Loamy, or Sandy Soil

(a pH of 5.5 to 7.5 is best for growing wildflowers)
Step Two: Site Preparation

When incorporating native plants (not seeds) into your existing flower beds, you can skip this step. But when planting seeds, site prep is a must.

It is really important when planting seeds to first prepare a seed bed that contains no living vegetation. Initially you should kill off all of the existing non-native vegetation by covering the desired area with heavy black plastic for a couple of months and keep that area covered until you are ready to plant. (Or use a couple of applications of herbicide correctly timed to accomplish the same thing... if so inclined.)

When the time is right, the seeds must make direct contact with the soil... so it might be necessary to burn off any thick thatch (dried vegetation) that might remain.
Attracting Butterflies as Pollinators

Include both host plants and nectar plants to attract a wider selection of butterflies (Swallowtails, Fritillaries, Skippers, Brushfooted butterflies, Queen, Emperors, Leafwings, Longwings, Monarchs, etc.)

- Plant in full sun
- Plant both nectar source and larval host plants
- Plant in a *pesticide free* environment
And Finally...

To attract pollinators: plant wildflowers in borders, meadows, shade gardens, cottage gardens, rain gardens, naturalized areas, rocky slopes and open woodland areas. Mass plantings are better for many wildflowers because their foliage may become scruffy after blooming as they go into dormancy. Watch out for “thuggish” behavior. Many aggressive natives do not stay where they are planted!
Happy Gardening!
Where to find authentic Missouri native seeds and plants:
• [www.hamiltonnativeoutpost.com](http://www.hamiltonnativeoutpost.com)
• [www.grownative.org](http://www.grownative.org)
• [www.mowildflowers.net](http://www.mowildflowers.net)
• [www.missouribotanicalgarden.org](http://www.missouribotanicalgarden.org)
• [www.easywildflowers.com](http://www.easywildflowers.com)
• [www.greenscapegardens.com](http://www.greenscapegardens.com)