Perennials II—Full to Part Sun

<u>LATIN NAME</u> <u>COMMON NAME</u>

Aquilegia canadensis columbine

Baptisia australis blue false indigo

Campanula 'Sarastro' beliflower

Ceratostigma plumbaginoides plumbago

Echinacea purpurea purple coneflower

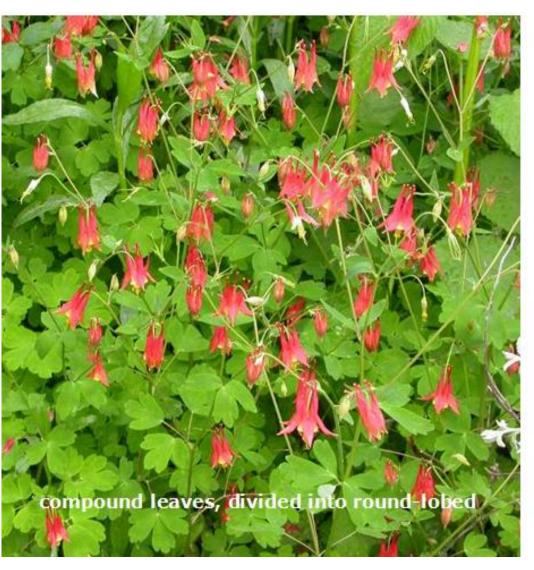
Helianthus divaricatus sunflower

Heuchera americana coral bells

Mazus reptans mazus

Physostegia virginiana obedient plant

Thalictrum rochebruneanum meadow rue





drooping, bell-like, red & yellow flowers

Aquilegia 🌣 🌞

ak-wi-lE'-jE-a

MO Native: Aquilegia canadensis

Common name: columbine

Height: 2 to 3 feet Spread: 1 to 1.5 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

Problems: good resistance to leaf miner

- Features drooping, bell-like, 1-2", red & yellow flowers
- 2. Delicate, compound leaves, divided into round-lobed threes
- 3. Flowers have 5 distinctive red spurs & a mass of bushy yellow stamens

Genus name comes from the Latin word for eagle in reference to the flower's five spurs which purportedly resemble an eagle's talon. Specific epithet means of Canada or also of north-eastern North America.









Baptisia 🌣 🌞

bap-tiz'-E-a

MO Native: Baptisia australis

Common name: blue false indigo

Height: 3 to 4 feet Spread: 3 to 4 feet

Bloom Time: May to June

Bloom Description: indigo blue

Sun: full sun to part shade Water: dry to medium Maintenance: low

Problems: no serious insect or disease problems

- 1. Clover-like, trifoliate, bluish-green leaves
- Spikes of pea-like or lupine-like flowers
- 3. Flowers give way to inflated seed capsules

Common name refers to the use of this plant by early Americans as a substitute, albeit an inferior one, for true indigo (genus *Indigofera* of the West Indies) in making blue dyes.



ovate, toothed leaves



star-shaped to pendant, tubular bells



kam-pan'-U-la

Height: 1.5 to 2 feet Spread: 1.5 to 2 feet

Bloom Time: June to August Bloom Description: deep blue Sun: full sun to part shade

Water: medium Maintenance: low

Problem: no serious insect or disease problems

- 1. Divide clumps in fall every 3-4 years
- 2. Basal rosettes of ovate, toothed, bright green leaves
- 3. Five-petaled flowers vary from star-shaped to pendant, tubular bells

Campanula comes from Latin & means little bell.

oval to obovate, shiny, medium green leaves





five-petaled, woodland phlox-like, blue flowers

Ceratostigma 💝 🦛 Ceratostigma plumbaginoides Common names: plumbago

ser-at-O-stig'-ma

Height: 0.75 to 1 feet Spread: 1 to 1.5 feet

Bloom Time: July to September

Bloom Description: blue **Sun:** full sun to part shade

Water: medium Maintenance: low

Problems: no serious insect or disease problems

- 1. Wiry, mat-forming perennial which spreads by rhizomes
- 2. Oval to obovate, shiny, green leaves that turn a striking bronze-red in fall
- 3. Five-petaled, woodland phlox-like, blue flowers bloom in terminal clusters

Genus name comes from the Greek words *keras* meaning a horn & *stigma* from the hornlike projection on the stigma of the flower. Specific epithet means resembling the genus *Plumbago*.



lanceshaped & coarselytoothed leaves





large, daisy-like flowers

ek-i-nA'-sE-a

Echinacea 🌣 🌞

MO Native: Echinacea purpurea

Common name: purple coneflower

Height: 2 to 5 feet Spread: 1.5 to 2 feet

Bloom Time: June to August **Bloom Description:** purplish pink

Sun: full sun to part shade Water: dry to medium Maintenance: Low

Problems: Japanese beetle & leaf spot are occasional problems

- Usually rebloom without deadheading, however prompt removal of spent flowers improves general appearance
- 2. Dark green leaves (4-8" long) are lance-shaped & coarsely-toothed (bristly)
- 3. Large, daisy-like flowers with slightly drooping, rose purple petals (ray flowers)

Echinacea comes from the Greek word echinos meaning hedgehog in reference to the flower's spiny center cone.



smooth stems & sessile or short-stalked leaves



2" wide sunflowers



hE-IE-an'-this

MO Native: Helianthus divaricatus

Common name: sunflower

Height: 2 to 6 feet Spread: 1 to 3 feet

Bloom Time: July to September

Bloom Description: yellow rays with darker yellow center disk

Sun: full sun to part shade Water: dry to medium Maintenance: low

Problems: no serious insect or disease problems

- 1. Occurs in open rocky woodlands & thickets in eastern Missouri
- Smooth stems & sessile or short-stalked leaves are the distinguishing characteristics of this species
- 3. Features 2" wide sunflowers

Genus name comes from the Greek words *helios* meaning sun & *anthos* meaning flower. Specific epithet means spreading in a straggling manner.

basal clump of heart-shaped leaves





loosely grouped, minute, greenish, cup-shaped flowers



hoo'-ker-a

MO Native: Heuchera americana

Common name: coral bells

Height: 1 to 2 feet Spread: 1 to 1.5 feet

Bloom Time: June to August **Bloom Description:** green, white

Sun: full sun to part shade

Water: medium Maintenance: low

Problems: no serious insect or disease problems

- Remove stems of faded flower panicles to encourage continued bloom
- 2. Tall basal clump of heart-shaped, long-petioled leaves
- 3. Leafless, hairy, sticky flower stalk rises 18-36 inches

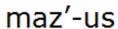
Genus name honors Johann Heinrich von <u>Heucher</u> (1677-1747), physician, botanist & medicinal plant expert at Wittenberg University, Germany. Specific epithet means of North or South America.



tiny, purplish-blue, tubular, 2-lipped flowers with yellow and white markings

narrow, bright green leaves







Common name: mazus

Height: 0.25 feet Spread: 0.5 to 1 feet Bloom Time: June to July

Bloom Description: lavender, purplish-blue with white & yellow markings

Sun: full sun to part shade Water: medium to wet Maintenance: low

Problems: no serious insect or disease problems

- 1. Narrow, bright green leaves that form a dense, attractive carpet of foliage
- 2. Tiny, purplish-blue, tubular, 2-lipped flowers with yellow & white markings
- 3. Tolerates foot traffic & an infrequent mowing

Genus name comes from the Greek word mazos meaning a teat. Specific epithet means creeping.



spikes of pinkish, tubular, two-lipped, snapdragon-like flowers





Physostegia

fI-so-stE'-jE-a

MO Native: *Physostegia virginiana* Common names: obedient plant

Height: 3 to 4 feet Spread: 2 to 3 feet

Bloom Time: June to September **Bloom Description:** pink, white

Sun: full sun Water: medium

Maintenance: medium

Problems: rust is an occasional problem

- 1. Leaves opposite, sessile & often serrated
- 2. Dense spikes of pinkish, tubular, two-lipped, snapdragon-like flowers
- 3. Flowers bloom bottom to top on each spike

Genus name comes from the Greek words *physa* meaning bladder & *stege* meaning covering in reference to the calyces which inflate as they develop. Specific epithet is in reference to the State of Virginia which is part of the native range for this plant.



tiny, pendulous, lavender-purple flowers with contrasting yellow stamens

pinnately compound, columbine-like foliage





tha-lik'-trum

POM: Thalictrum rochebruneanum

Common name: meadow rue

Height: 4 to 6 feet Spread: 2 to 3 feet

Bloom Time: July to September

Bloom Description: lavender-purple

Sun: full sun to part shade

Water: medium Maintenance: low

Problems: powdery mildew & rust

- 1. Fine-textured, bluish-green, pinnately compound, columbine-like foliage
- 2. Tiny, pendulous, lavender-purple flowers with contrasting yellow stamens
- 3. Slender, clump-forming perennial

Thalictrum comes from the Greek word thaliktron which was a name used by Dioscorides to describe a plant in this genus.