

St. Joe State Park (Missouri Mines)

September 1, 2025

	BOTANICAL NAME (with genus pronunciation)	FAMILY [CC] = Coefficient of Conservatism	COMMON NAME ☼ = Flowering / 🍌 = Fruiting
☐	<i>Agalinis fasciculata</i> (agg-uh-LY-niss)	Orobanchaceae (Lamiales) [CC7]	Purple False Foxglove
☐	<i>Agalinis skinneriana</i> (agg-uh-LY-niss)	Orobanchaceae (Lamiales) [CC7]	Pale Agalinis
☐	<i>Ambrosia bidentata</i> (am-BRO-see-uh)	Asteraceae (Heliantheae tribe) [CC0]	Lanceleaf Ragweed ☼
☐	<i>Andropogon gerardi</i> (an-dro-PO-gon)	Poaceae (Panicoideae subfamily) [CC5]	Big Bluestem / Turkeyfoot ☼
☐	<i>Andropogon ternarius</i> (an-dro-PO-gon)	Poaceae (Panicoideae subfamily) [CC5]	Splitbeard Bluestem ☼
☐	<i>Asclepias verticillata</i> (uh-SKLEE-pee-us)	Apocynaceae (Gentianales) [CC2]	Whorled Milkweed ☼ (spent)
☐	<i>Celtis tenuifolia</i> (SELL-tiss)	Cannabaceae / Rosales [CC6]	Dwarf Hackberry 🍌
☐	<i>Centaurea stoebe</i> (senn-TAWR-ree-uh)	Asteraceae (Cardueae tribe) [introduced]	Spotted Knapweed ☼ & 🍌
☐	<i>Chamaecrista nictitans</i> (kam-ee-KRISS-tuh)	Fabaceae (Caesalpinioideae subfam.) [CC2]	Sensitive Partridge Pea 🍌
☐	<i>Cirsium discolor</i> (SR-see-um)	Asteraceae (Cardueae tribe) [CC3]	Field Thistle ☼
☐	<i>Cornus florida</i> (syn. <i>Benthamidia florida</i>) (KOR-nuss)	Cornaceae [CC5]	Flowering Dogwood 🍌
☐	<i>Croton monanthogynus</i> (KROH-ton)	Euphorbiaceae (Malpighiales) [CC2]	Prairie Tea / One-Seed Croton ☼
☐	<i>Cuphea viscosissima</i> (KOO-fee-uh)	Lythraceae (Myrtales) [CC4]	Clammy Cuphea
☐	<i>Eragrostis spectabilis</i> (ayr-uh-GROSS-tiss)	Poaceae (Cloridoideae subfamily) [CC3]	Purple Lovegrass 🍌
☐	<i>Erucastrum gallicum</i> (ayr-oo-KASS-strum)	Brassicaceae [introduced]	Dog Mustard ☼
☐	<i>Eupatorium altissimum</i> (yoo-puh-TOR-ee-um)	Asteraceae (Eupatorieae tribe) [CC3]	Tall Boneset ☼
☐	<i>Eupatorium hyssopifolium</i> (yoo-puh-TOR-ee-um)	Asteraceae (Eupatorieae tribe) [CC5]	Hyssopleaf Eupatorium ☼
☐	<i>Euphorbia corollata</i> (yoo-FOR-bee-uh)	Euphorbiaceae (Malpighiales) [CC3]	Flowering Spurge ☼
☐	<i>Euphorbia nutans</i> (yoo-FOR-bee-uh)	Euphorbiaceae (Malpighiales) [CC0]	Nodding Spurge ☼
☐	<i>Froelichia gracilis</i> (fro-LICK-ee-uh)	Amaranthaceae [CC3]	Slender Snake-Cotton
☐	<i>Grindelia lanceolata</i> (grin-DEEL-ee-uh)	Asteraceae (Astereae tribe) [CC3]	Narrowleaf Gumweed ☼
☐	<i>Kummerowia stipulacea</i> (kum-er-OW-ee-uh)	Fabaceae (Faboideae subfamily) [introduced]	Korean Clover ☼
☐	<i>Lespedeza cuneata</i> (less-peh-DEE-zuh)	Fabaceae (Faboideae subfamily) [introduced]	Invasive Bush-Clover ☼
☐	<i>Liatris aspera</i> (ly-AY-triss)	Asteraceae (Eupatorieae tribe) [CC6]	Rough Blazing Star ☼
☐	<i>Melilotus albus</i> (mell-ih-LOH-tuss)	Fabaceae (Faboideae subfamily) [introduced]	White Sweetclover
☐	<i>Mentzelia nuda</i> (pro-NUN-see-AY-shun)	Loasaceae [introduced]	Bractless Blazingstar ☼
☐	<i>Oenothera biennis</i> (ee-no-THEER-uh)	Onagraceae (Myrtales) [CC0]	Common Evening Primrose ☼
☐	<i>Oenothera filiformis</i> (ee-no-THEER-uh)	Onagraceae (Myrtales) [CC1]	Longflower Beeblossom or Gaura ☼
☐	<i>Oenothera macrocarpa</i> (ee-no-THEER-uh)	Onagraceae (Myrtales) [CC7]	Missouri Evening Primrose

☐	<i>Opuntia cespitosa</i> (o-POON-tee-uh)	Cactaceae [CC4]	Eastern Prickly Pear 🌵
☐	<i>Panicum virgatum</i> (PANN-i-kum)	Poaceae (Panicoideae subfamily) [CC4]	Switchgrass 🌾
☐	<i>Polanisia dodecandra</i> (po-lan-ISS-ee-uh)	Cleomaceae [CC1]	Redwhisker Clammyweed 🌿
☐	<i>Rhus copallinum</i> (ROOS)	Anacardiaceae [CC2]	Winged Sumac 🌿
☐	<i>Rudbeckia triloba</i> (rood-BECK-ee-uh)	Asteraceae (Heliantheae tribe) [CC3]	Brown-Eyed Susan 🌼
☐	<i>Schizachyrium scoparium</i> (shih-ZACK-rec-um)	Poaceae (Panicoideae subfamily) [CC5]	Little Bluestem 🌾
☐	<i>Silene csereii</i> (sy-LEE-nee)	Caryophyllaceae [introduced]	Balkan Catchfly 🌿
☐	<i>Solidago nemoralis</i> (so-lid-DAY-go)	Asteraceae (Asteraceae tribe) [CC2]	Gray Goldenrod / Old Field Goldenrod 🌼
☐	<i>Solidago ptarmicoides</i> (so-lid-DAY-go)	Asteraceae (Asteraceae tribe) [CC9]	White Flat-Top Goldenrod 🌼
☐	<i>Spiranthes magnicamporum</i> (spy-RAN-theez)	Orchidaceae (Asparagales) [CC7]	Great Plains Ladies' Tresses
☐	<i>Stenaria (Houstonia) nigricans</i> (sten-AYR-ee-uh)	Rubiaceae [CC5]	Diamondflowers 🌼
☐	<i>Tamarix ramosissima</i> (TAMM-r-icks)	Tamaricaceae (Caryophyllales) [introduced]	Tamarisk or Saltcedar
☐	<i>Trichostema brachiatum</i> (try-KOSS-teh-muh)	Lamiaceae [CC4]	Fluxweed / False Pennyroyal
☐	<i>Yucca filamentosa</i> (YUCK-uh)	Asparagaceae (Agavoideae subfam.) [introduced]	Adam's Needle and Thread

NOTES

WHERE WE WALKED:

It's Labor Day and (except for us) the large parking lot is empty and silent. But 100 years ago there was certainly plenty of labor going on here. The parking lot was probably full of horses and those newfangled horseless carriages. And the rusting hulk-of-a-building that we can't take our eyes off of was probably rumbling with machinery and spewing out smoke as it processed the lead ore from the nearly 1,000 miles of multi-level tunnels below us.

Our botany walks here are like none other. It's like being in another part of the world – or on another planet. Plants, like people, don't do well living in a lead habitat. So botanizing on lead tailings introduces us to plants we never see in St. Louis.

PHOTOS:

Kathy Bildner took some photos of this morning's walk which she kindly shares with us on our Google Drive: [HERE](#)

PARTICIPANTS:

There were 11 of us botanists today, who are (in alphabetical order):

Kathy Bildner, Wayne Clark, Michael Laschober, Len Meier, Burt Noll, John Oliver, Mark Peters, David Steinmeyer, Kathy Thiele, George Van Brunt, and Gwyn Wahlmann.