

Bee Campus USA - University of Missouri

Report on 2023



Pollinator Habitat Creation & Enhancement

Please describe pollinator habitat creation or enhancement projects in your community in 2023, and whether your committee hosted them or not.

MU Landscape Services staff conducted a series of small, prescribed burns at the south end of campus in December 2023 to enhance an established planting of native grasses.

How many habitat projects did you help to create or enhance in 2023?

1

How many people (staff, volunteers, students, partners, etc.) helped with those projects?

13

Please check all that describe the habitats your affiliate helped to create or enhance last year with pollinator benefit in mind.

- **Vegetable garden**
- **Meadow**



MU Landscape Services conducted a prescribed burn of established native plantings on south campus in December 2023. Photo credit: Jenna Sommer.



Rudbeckia growing in the native planting blooming in the second year on turf plots turned to native plantings. Photo credit: Janic Wieser-Fales.

Education & Outreach

Please describe pollinator conservation events or outreach activities in your community in 2023, indicating whether your committee hosted them or not.

April 8, 2023 MU's Bradford Farm hosted Missouri Prairie Foundations annual native plant sale. July 18, 2023 Associate Professor Emeritus and Mizzou Botanic Garden board member Chris Starbuck presented "Adapting Home Landscapes to a Changing Climate," sponsored by the Mizzou Botanic Garden and Daniel Boone Regional Library. September 5, 2023 Sustain Mizzou hosted "Local Pollinators," for involvement week. The event invited participants to "step into the vibrant world of local pollinators" and "delve into the essential role these incredible creatures play in our ecosystem." Forty-five students registered for the event. September 7, 2023 The Center for Student Involvement and

the Office of Sustainability collaborated on a walking tour of campus geared toward introducing students to several aspects of sustainability around campus. The tour included a stop in the Children's Garden, the Mizzou Botanic Garden, and the Henry Kircklin Community Garden. Attendees were informed about Mizzou's integrated pest management program, pollinator habitat, invasive species removal, and participation in the Bee Campus program. September 13-14, 2023 Mizzou Botanic Garden and Columbia Center for Urban Agriculture hosted Joe Lamp'l, creator and host of The Joe Gardener Show. Lamp'l held workshops and presented a lecture (open to the public) on 'ecological gardening,' focused on the importance of organic practices to maintaining biodiversity. November 2023 Mizzou Botanic Garden hosted the GrowNative! annual meeting on November 8. In addition to events, Janice Wiese-Fales writes a column for the local paper, the Columbia Missourian, with articles often related to pollinators and habitat creation. The following articles appeared in 2023: Try a few New Year's Resolutions for your garden this year

https://www.columbiamissourian.com/opinion/local_columnists/try-a-few-new-years-resolutions-for-your-garden-this-year/article_60168f54-95b2-11ed-83cd-67439b8150d6.html MU researchers working to boost monarch population with right mix of pollinators

https://www.columbiamissourian.com/opinion/local_columnists/mu-researchers-working-to-boost-monarch-population-with-right-mix-of-pollinators/article_05163206-ae6-11ed-adac-dfa1a6d30732.html Native plants in gardens are both adaptable and edible

https://www.columbiamissourian.com/opinion/local_columnists/native-plants-in-gardens-are-both-adaptable-and-edible/article_09d1b414-d231-11ed-9b4f-d3a51bffe77a.html Serviceberries are lesser known than spring-blooming trees, but just as lovely

https://www.columbiamissourian.com/opinion/local_columnists/serviceberries-are-lesser-known-that-spring-blooming-trees-but-just-as-lovely/article_71873870-dd28-11ed-b0a8-3321c51e683a.html Gustin golf course makes nice home for bluebirds and native plants

https://www.columbiamissourian.com/opinion/guest_commentaries/gustin-golf-course-makes-nice-home-for-bluebirds-and-native-plants/article_6f156bb2-0c7a-11ee-bc02-63f5e008d29c.html Some suggestions for drought tolerant plants to add to your landscape

https://www.columbiamissourian.com/opinion/local_columnists/some-suggestions-for-drought-tolerant-plants-to-add-to-your-landscape/article_c46c6f32-2d6f-11ee-97a2-bf528eacc889.html 'Joe Gardener' will visit MU Botanic Garden for upcoming lecture

https://www.columbiamissourian.com/opinion/local_columnists/joe-gardener-will-visit-mu-botanic-garden-for-upcoming-lecture/article_876d0482-225e-11ee-8025-5373874cb37c.html



Sustain Mizzou hosts an event to educate students about local pollinators. Photo credit: Aodhan Kumura.

Curriculum, Continuing Education, & Service Learning

Please describe the curriculum your campus engaged in 2023, indicating whether it was part of a for-credit course or continuing education.

All of the following are continuing education courses: Spring 2023 -Ways to Adapt Home Landscapes to a Changing Climate Offered under the umbrella of the UN Decade of Ecosystem Restoration (2021-2030), which has a global focus on reversing ecosystem losses, improving ecosystem services and recovering biodiversity. MU Extension Events October 27, 2023 – Woodland Management and Invasive Species Control Workshop (Versailles) Helps private land owners with woodland management. Introduce them to basic woodland and wildlife management concepts and practices. Workshop topics to include managing your woodlands for wildlife, prescribed fire, and invasive species

identification and control. October 30, 2023 – Creating a Pollinator Friendly Landscape (Worth County) This one-hour presentation focuses on things to consider when planning a pollinator garden. Emphasis on native plants.

Please describe the service-learning projects your students were engaged in 2023, indicating which, if any, were associated with a course.

The student organization Sustain Mizzou maintains beehives on campus and hold periodic events and meetings related to beekeeping. Sustain Mizzou held beehive checkups six times in 2023. September 5, 2023 Sustain Mizzou held an educational event on local pollinators.



Policies & Practices

Did your committee participate in any continuing education on ecologically-based Integrated Pest Management planning?

During Joe Lamp'l's visit, he conducted an evening public lecture entitled "Gardening as an Ecological Endeavor."

Please check actions you have taken to make pest management practices more pollinator-friendly.

- **Implemented or maintained a written IPM plan**

Learn More

Integrated Pest Management Plan: [IPM.pdf](#)

Recommended Native Plant List:

<https://grownative.org/>

Recommended Native Plant Supplier List:

<https://grownative.org/>

<https://sustainability.missouri.edu/reporting/bee-campus-usa/>
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