

Bee Campus USA - University of Wisconsin-Green Bay

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.

7.5 acres of seeds were installed via tractor and Brillion seeder in Shorewood Park. We have 3 separate seed mixes based on sun exposure and soil conditions present at each of the units (sand prairie, oak savanna, and prairie/full sun). Installed over 5,000 pollinator plant plugs purchased (some donated) from Stone Silo Nursery in various locations throughout the Arboretum (Shorewood Park, Keith White Prairie, Mahon Woods, Paul Sager Tract & Niagara Escarpment). Worked with Amy Wolf's Conservation Biology lab to install enhancement seeds at Wequiock Creek property for shady woodland, woodland edge/oak savanna and sedge meadow plant communities across approximately 3 acres. Installed over 19,000 pollinator plant plugs at Wequiock Creek Natural Area in prairie, wet meadow, and Woodland plant communities. These plants were installed in dense clusters as "pollinator hot spots". Collected prairie and wetland seeds with Natural Areas student workers and volunteers. ~10 pounds of seeds were collected and processed, then spread in various wetland and prairie sites in the Arboretum with lower plant diversity.

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

4

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

97

How many projects benefit monarchs, milkweed, or nectar plantings?

4

How many total square feet of habitat were created or enhanced?

6882480

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

- Flower garden
- Natural area with tree snags and stumps, and bare areas for ground nesting species
- Meadow

- Native milkweed planting for monarchs and bees (where appropriate)
 - Invasive/exotic plant species removal for habitat improvement
 - Native pollinator-friendly tree planting
 - Other
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Education & Outreach

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

UWGB's Cofrin Center for Biodiversity hosted prairie seed collection (~10 attendees) at the annual UWGB Day of Service. They also hosted an Arboretum Retiree Hike (~10 attendees) and an Arboretum pollinator habitat tour for Wild Ones (~15 attendees). Finally, they hosted a Wequiock Natural Area tour for Upper Midwest Invasive Species Conference that was pollinator habitat focused (30 attendees).

How many pollinator-related events or outreach activities did you host or help with in 2023 (in total)?

4

How many people attended those events (in total)?

65

Number of permanent interpretive/educational/Bee Campus USA signs installed to date?

2

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.

Dr. Amy Wolf teaches an ecology class twice a year and a conservation biology class in the fall. Students participate in invasives species control and woodland seeding. Dr. Kiel Nikolakakis taught a "gateway to phoenix success" course for first year students, and the students chose their service learning project to be developing a pollinator garden. For continuing education, a 3 day bumble bee workshop was hosted in partnership with the Fish & Wildlife Service, Dept of Natural Resources, Oneida Nation, Green Bay Botanical Garden, Green Bay Conservation Corps, and UW-Green Bay Cofrin Center for Biodiversity.

How many of your for-credit courses included pollinator-related information in 2023?

4

How many students attended those for-credit courses?

80

How many of your continuing education courses included pollinator-related information in 2023?

1

How many participants attended those courses?

20

How many service-learning projects did your campus host and/or support to enhance pollinator habitat on- and off- campus?

4

How many students participated in service-learning projects in 2023 to enhance pollinator habitat on or off-campus?

80

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

Dr. Amy Wolf teaches an ecology class twice a year and a conservation biology class in the fall. Students participate in invasives species control and woodland seeding. Dr. Kiel Nikolakakis taught a "gateway to phoenix success" course for first year students, and the students chose their service learning project to be developing a pollinator garden.

Policies & Practices

Please describe actions taken to make pest management more pollinator-friendly.

We've had repeated turnover in the grounds management department. No information at this time.

In your city or campus, are any policy initiatives underway to further protect pollinators, people or waterways from pesticides?

Not at this time.

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

No, however Dr. Amy Wolf teaches about this topic in her Conservation Biology class.

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

- Sourced plants for city or campus grounds that were not treated with neonicotinoids

Any lessons learned you would like to share?

Late-season plug planting (closer to dormant season) is likely a better approach when planting large quantities of herbaceous plugs. Last year was a drought year and made for difficult planting conditions as well as more intensive maintenance of plant plugs with watering efforts. If planting occurs closer to dormant season, much less effort is involved with keeping plants alive with watering.

Learn More

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

Recommended Native Plant List: [Native Pollinator Plants Wisconsin.pdf](#)

https://www.uwgb.edu/UWGBCMS/media/Sustainability/images/homepage/Native-Pollinator-Plants_Wisconsin_1.pdf

Recommended Native Plant Supplier List:

<https://www.uwgb.edu/sustainability/bee-campus-usa/>

<https://www.uwgb.edu/sustainability/bee-campus-usa/sustainability@uwgb.edu>

<https://instagram.com/uwgbsustainability>

<https://www.facebook.com/UWGBSustainability>