

# Bee Campus USA - Juniata College

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.*

In the spring of 2023, Juniata College had its first annual graduation forest planting. The Bee Campus committee was not solely in charge of it, but we were part of the larger graduation forest committee along with student government, the habitat restoration club, and various faculty and students. We were on the committee to offer expertise, support, and money if needed. For last year's grad forest, there were two site prep events and three planting events. The site prep events were on the college-owned farm off of route 26 north of the school. Site prep primarily involved removing invasive species like privet, Japanese barberry, and invasive honeysuckles. In April 2023, we planted native woody species on a local private property that was undergoing a major habitat restoration project. On Earth Day weekend, we planted Black Walnut, Black Chokeberry, Eastern White Pine, Paw Paw, Persimmon, Red Chokeberry, Red Mulberry, and Winterberry on the college-owned property off of route 26. In the first week of May 2023, we planted 25 native woody species at Juniata's Sparks Farm property. In the fall of 2023, the Raystown Field Station (a branch campus of Juniata College) cleaned out old unused potato beds to create a new pollinator garden. Bee campus, the Juniata Chapter of the Wildlife Society, and the habitat restoration club assisted with starting seedlings in the greenhouse, weeding the bed, and planting pollinator-friendly plants once they were ready to be outside of the greenhouse. In 2024, we hope to add milkweed to the mix to attract monarchs.

*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?*

125

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

4

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

450000

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

- Flower garden
- Invasive/exotic plant species removal for habitat improvement
- Native pollinator-friendly tree planting
- Rain garden/bioswale



PHOTO CREDIT: Amy Frazier-Yoder Students plant trees at the first annual Graduation Forest.



A student shows the long roots of the tree they are planting for the first Graduation Forest site. Photo credit: Emma Burry.

## Education & Outreach

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

During the Fall semester of 2023, our committee hosted a pollinator week from October 16th to October 20th. Each day we held a different event to get as much interest and participation as possible. On October 16th we held a moth night and while it was a little late to still expect moths to be around, we saw a decent number of species. We partnered

with the Juniata College Wildlife Society for this event and had a reasonable turnout. To attract the moths we set up a white sheet and black lights; once it was dark we identified any moths that showed up. On October 17th we held a tabling event outside our dining hall to encourage people to learn about beetles. We had a fact sheet and homemade pins with a variety of insects on them that people could keep. For October 18th we held another tabling event in the same place as the beetle night. This time we focused the table around butterflies. We created butterfly trivia questions for people to test their knowledge and we also handed out friendship bracelet making kits that had a butterfly design. On October 19th we collaborated with two other clubs on our campus: The Juniata Environmental Coalition and the JC Literary Circle. We got outside for this event and hiked to the Peace Chapel (~20 min walk) and then everyone individually read a book of their choice for 45 min before returning back to campus. This allowed participants to enjoy nature at their own speed, including pollinators, since there are many pollinator plant species up at the Peace Chapel. The last event we hosted to end pollinator week was planting a pollinator garden at the Juniata College Raystown Field Station. We weeded the unused potato beds and then planted the pollinator plants we had started in the greenhouse. The people that helped plant the pollinator garden came from a wide range of majors, which allowed them to learn more about why we were doing this and get people from all over campus involved. On April 22nd, 2023, Juniata College had its second annual Sustainability Dinner. The Bee Campus committee was not solely in charge of it, but we were part of the larger Sustainability Dinner committee along with eco house, the habitat restoration club, and various faculty and students. We were on the committee to help with planning and money. The dinner was completely vegan and catered by the campus dining service. Instead of their usual set-up with disposable plates and silverware, we requested reusable plates, silverware, and napkins. The event was a celebration of Juniata's sustainable accomplishments of the year, and it was also used to promote and educate on what institutions can do to be more sustainable. We had guest speakers, trivia, and a raffle. Some of the guest speakers spoke on pollinator-related topics, and some of the trivia questions were on pollinators.

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

6

*How many people attended those events (in total)?*

175

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

3

*Number of temporary interpretive/educational/Bee Campus USA signs installed in 2023?*

1



## 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.*

**For credit. Our courses could be taken for the purpose of continuing education, but are not marketed or designed specifically for this and are generally not used for this purpose.**

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

**18**

*How many students attended those for-credit courses?*

**575**

*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?*

**45**

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

– Pollinator week events (as described above) – Tree planting with several Barbadian communities (Plants, Plantations, and Creole Cultures course) – This year, the Habitat Restoration club hosted a Tree-for-all as part of PA’s one million trees initiative. The club advisor hosted it at her house, and club members helped sort, tag, and hand out trees.



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## Policies & Practices

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

**We have an IPM plan and coordinator who oversees pesticide use on all college properties.**

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

**Both the College and the Borough of Huntingdon have active Tree Campus/City certifications.**

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

**Our IPM coordinator maintains his active certifications through participation in various training of this type.**

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

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

*Any lessons learned you would like to share?*

**Creating efficiencies in leadership roles on sustainability is critical at a small institution.**

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## Learn More

**Integrated Pest Management Plan:** [IPM for Juniata College.pdf](#)

**Recommended Native Plant List:** [Juniata College Plant List for Bee Campus.xlsx](#)

<https://docs.google.com/spreadsheets/d/1bpACyXLTaFEsTpgjIHBCZ9Y3EsIYBfFhlg827h9u7l/edit?usp=sharing>

**Recommended Native Plant Supplier List:** [Native Seed Suppliers Juniata College.pdf](#)

[https://docs.google.com/document/d/1yM8-8T\\_P17wk02Th3yiSp\\_l\\_wxEeO3dD2\\_Y34fwrOTg/edit?usp=sharing](https://docs.google.com/document/d/1yM8-8T_P17wk02Th3yiSp_l_wxEeO3dD2_Y34fwrOTg/edit?usp=sharing)

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