

Bee Campus USA - University of Wisconsin Stevens Point

Report on 2022



Pollinator Habitat Creation & Enhancement

Our committee made solitary bee house blocks out of recycled scrap wood from the university's nature reserve. These bee house blocks were then painted by volunteers from the campus and the community. They are slated to be installed in various locations on campus to enhance pollinator habitat.

How many habitat projects did you help to create or enhance last year?

1

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

40

How many volunteers helped with those projects?

40

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

- Other



Committee members prepare solitary bee house blocks.



Committee member prepares solitary bee house block.

Education & Outreach

In 2022, our committee hosted an education/outreach event as part of UWSP's Earth Week celebrations, called "Bee Fair". The educational portion of the event included information on the Bee Campus USA program, as well as guests from the North Central Conservancy Trust and the UWSP chapter of The Wildlife Society bumblebee survey project. We also had a hands-on activity room where participants could paint solitary bee house blocks made by the committee from recycled scrap wood from the university's nature reserve.

How many pollinator-related events did your affiliate host or help with last year (in total)?

1

How many people attended those events (in total)?

50



Student paints a solitary bee house during Earth Week event.



Community members look at pollinator specimens.

Courses & Continuing Education

Our university offered over 20 for-credit courses that included pollinator-related information in 2022, including Plant Physiology, Plant Ecology, General Entomology, Ecology of Foods, Forest Entomology, Plant Resources and Humans, and more.

How many of your for-credit courses included pollinator-related information last year?

22

How many students attended those for-credit courses?

600

How many of your continuing education courses included pollinator-related information last year?

How many participants attended those courses?

Service-Learning

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

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

Educational Signage

Last year, we began the process of getting permanent signage installed in pollinator planting areas on campus. These signs are slated to be installed in spring 2023.

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

Number of temporary interpretive/educational/Bee Campus USA signs installed last year?

Policies & Practices

Over the past several years, the amount of pesticides that the Grounds Work Unit utilizes has been reduced to 2 products, a reduction of close to 90%. They also have chosen a student weeding staff vs. pesticides for all berms and flower beds. As the Grounds staff has learned to become more eco-friendly, the amount of applications of pesticides has greatly reduced. The UWSP Facility Services Grounds Work Unit also recently purchased a Steam Weeder with Green Fund resources. The Steam Weeder looks like a vacuum cleaner with a long hose that superheats water up to 250 degrees. The saturated steam kills weeds by bursting plant cells, without frying woody mulch like flame weeding does. This machine uses a unique combination of boiling water and saturated steam at low pressure. When weeds are hit, they are cooked instantly, leaving behind a chemical-free mulch for soil organisms to feed on. As a result, the soil health improves over time.

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

Please describe actions by your affiliate to attend training on ecologically-based Integrated Pest Management and/or to review IPM plans and programs considered of high quality by Bee City USA?

Integrated Pest Management Plan:

<https://www3.uwsp.edu/facsv/Grounds%20Documents/UWSP-IPM%20Information.pdf>

Recommended Native Plant List:

<https://p.widencdn.net/tanvm9/NH0936>

Recommended Native Plant Supplier List:

<https://pipelakes.org/pipewp/wp-content/uploads/2020/02/Wisconsin-Native-Plant-Nurseries.pdf>

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Members of the UWSP Bee Campus Committee prepare bee house blocks for Earth Week.