



Bee Campus USA Annual Report Pollinator Conservation & Education 2019



University of Illinois at Urbana-Champaign Champaign, Illinois

EDUCATION & OUTREACH

Bee Spotter Events - 9/14/19, 10/5/19, 4/28/19
Environmental Ballroom Day - 9/3/19
Environmental Quad Day - 4/22/19, 10/4/19
Climate March - 9/20/19
Bee Identification Workshop - 10/8/19
Campus Sustainability Celebration - 10/23/19
Red Oak Rain Garden Opening Ceremony - 10/24/19
Native Plant Species List Collaboration - 11/6/19, 11/13/19
Making Pollinator Habitat Work on the Modern Landscape - 3/18/19
Wildflowers Workshop - 5/16/19
Champaign Prairie Areas - 7/15/19
Buzz on Native Bees - 7/22/19
Illinois Monarch Project - 8/19/19
Native Plants in the Landscape - 1/27/20
Honey Bee Class - 1/16/19

POLLINATOR HEALTH & HABITAT

We have seen a lot of examples of pollinator habitat creation and enhancement on campus this past year. One great example of a recent effort by our University was the opening of the Red Oak Rain Garden! This rain garden was initially installed in 2006, but last semester it was renovated and reopened on October 24, 2019. The new design directs rainwater away from the nearby oak tree and sidewalks by utilizing native plants that soak up more water and help support local pollinator populations. In total, about 100 people either volunteered to construct this woodland habitat and/or attended the opening celebration in October. In the following pictures, you can see that numerous classes were involved as volunteer planters in the (re)construction of the Red Oak Rain Garden.

We also have a map of the 26 existing pollinator supportive locations online at https://www.fs.illinois.edu/docs/default-source/bee-campus/pollinator-map---draft-3.pdf?sfvrsn=4990d1ea_4.



Professor Fabor-Taylor and Layne Knoche showing students in Horticulture 344 how to plant at the Rain Garden.



Student in Horticulture 100 installing plants at the Rain Garden.



Bridgette Moen and her students in Landscape Architecture 457 helping plant at the Red Oak Rain Garden.

SERVICE LEARNING

We do not have specific data on all of the various service-learning projects that have taken place on campus this past year, but one of the University courses that offered a service learning component was Civil & Environmental Engineering 398. One of the student projects for this course was dedicated to conducting a feasibility study to investigate expanding the University's Pollinarium.

There were also numerous class field trips and summer camps/workshops at the University's Pollinarium this past year. Classes from the University of Illinois, Parkland College, and local elementary schools took part in visiting this facility to learn about bees, beekeeping, other pollinators, and the threats they face.

CURRICULUM & CONTINUING EDUCATION

One great example of our continuing education opportunities that includes sustainability- and pollinator-related information is the Champaign County Sustainability Network (CCNet). Each month CCNet hosts a Brown Bag lunch talk and in January the topic was "Pollinator Friendly University." This talk was given by the University of Illinois' very own Campus Landscape Architect, Brent Lewis! A recording of this talk can be found on facebook with over 250 views:

<https://www.facebook.com/champaigncountynetwork/videos/512740266019591/>

EDUCATIONAL & INTERPRETIVE SIGNAGE



Posters created by the students of Bee Campus at UIUC for their awareness events and tabling efforts around campus.

The University of Illinois Pollinarium (<https://pollinarium.illinois.edu/welcome/>) is a Discovery Science Center dedicated to promoting awareness of pollinators. Their facility displays a wide variety (at least 10) of educational signage, ranging from facts about habitat to pollinator-identifying trivia.

In March 2018, Bee Campus UIUC received \$3,000 to install permanent signage at pollinator gardens around campus. Unfortunately these signs have not yet been installed on campus but we continue to push for them. Our temporary signs include posters created by the students on our Bee Campus Committee. We use them for events and promotional tabling on our Main Quad.

POLICIES & PRACTICES

F&S Grounds has implemented a thorough Integrated Pest Management (IPM) program to reduce the use of pesticides on the exterior of the main campus. The fundamental aspects of IPM, along with key examples from the program are listed below. (Acceptable pest levels; preventive cultural practices; monitoring; mechanical controls; biological controls; pesticide restrictions).

Recommended Locally Native Plant Species List —

<https://iiseagrant.org/publications/illinois-native-plants-for-the-home-landscape>

<https://iiseagrant.org/publications/pollinator-garden-native-plants-for-attracting-pollinators/>

<https://iiseagrant.org/publications/rain-garden-a-native-planting-guide-for-rain-garden-beds>

Regional Native Plant Supplier List —

Pollinator Friendly Integrated Pest Management Plan —

<https://www.fs.illinois.edu/services/grounds/integrated-pest-management>

CONTACT US!

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Website — <https://icap.sustainability.illinois.edu/project/bee-campus-usa>

Social Media —

https://www.facebook.com/pg/Bee-Campus-USA-at-UIUC-228849297661692/posts/?ref=page_internal