

Bee Campus USA - Susquehanna University

Report on 2020

Pollinator Habitat Creation & Enhancement

We created a 2.1 acres of pollinator habitat at SU's Center for Environmental Education and Research property as part of our Buffer Project. This project's intent was to create a buffer along the border of a stream that runs through the property to prevent soil erosion and build a natural habitat. The Buffer Project was completed in two separate phases. Phase 1 (0.5 acres) was a live stake collection and planting resulting in 2,000 live stakes planted in the buffer project including willow, dogwood, alder, swamp white oak among others. Phase 2 (fruit and nut production 1.1 acres and wildlife and pollinator habitat 0.5 acres) consisted of planting 545 trees and bushes such as PawPaw, High-bush blueberry, elderberry, hickory, hazelnut, Button bush, Pin Oak, Winterberry Holly among others. This project was completed in the summer of 2020. Additionally, in spring 2020, we planted a half acre of wildflowers across our campus property. Specific locations included on our Center for Environmental Education and Research property, near our campus garden and behind our Natural Sciences Center and our Admissions House.



Our Buffer Project planted 545 bushes and trees on our Center for Environmental Education and Research Property. Our beehives can be seen in the upper left side.



Planting natives trees and bushes as part of the Buffer Project creates a healthy ecosystem, reduces erosion, and provides a healthy habitat for native pollinators.



Annual wildflower plantings across campus provide beauty and a source of food for pollinators. These wildflowers were planted behind our Admissions House.

Education & Outreach

The committee hosted an open house at our Center for Environmental Education and Research where attendees got a tour of the beehives and learned more about pollinators. The Beekeeping Club also hosted a tour for the GeoClub (our outdoor adventure club). Two new hives were built in 2020, upping our total hives to 7. This year, our annual Family Weekend was done virtually and the Beekeeping Club made a video about beekeeping that was shown during that event. A



fall 2020 event was hosted to collect sumac flowers to be used in the smoker for the upcoming year. All throughout the year students learned about bees through the usual upkeep and maintenance of the hives.



Our hives undergoing inspection!



Protection hives throughout the winter is something our Beekeeping Club has gotten good at. In the background you can see some of the new trees and bushes planted earlier in the year for our Buffer Project!



Sumac flowers collected from campus to smoke next year.

Courses & Continuing Education

Service-Learning

Unfortunately with COVID, in person events were mostly cancelled for the previous year. We had planned to have students build native pollinator stands over our 87 acre Center for Environmental Education and Research property. We're optimistic that this service project will happen this year.

Educational Signage

Our two permanent signs, located in our student center were completed before this year. With a reduction in students on campus, we did not pursue new signage for 2020 but we're looking to make some new infographics in 2021 to post around campus.





Policies & Practices

We're now a year in to using our Integrated Pest Management Plan.

Integrated Pest Management Plan: [Susquehanna University Integrated Pest Management Plan.pdf](https://www.susqu.edu/campus-life/our-campus-and-location/sustainability/sustainability-initiatives#bee)
<https://www.susqu.edu/campus-life/our-campus-and-location/sustainability/sustainability-initiatives#bee>



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

<https://www.susqu.edu/campus-life/our-campus-and-location/sustainability/sustainability-initiatives#bee>

Recommended Native Plant Supplier List: [Pennsylvania Native Plant Nurseries.pdf](#)

<https://www.dcnr.pa.gov/Conservation/WildPlants/LandscapingwithNativePlants/BuyNativePlants/Pages/default.aspx>

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