



Bee Campus USA Annual Report Pollinator Conservation & Education 2019



Dickinson College Carlisle, Pennsylvania

EDUCATION & OUTREACH



Honey Harvest: Three students spin the honey extractor in order to transfer the honey from the frames and put into jars to be sold.



Pollinator Party: Dickinson College clubs merge to create colorful homes for the honeybees.

- March 2, 2019: Make Your Own Deodorant
- March 29, 2019: Native Pollinator Home Placement
- March 31, 2019: Make Your Own: Sunscreen
- April 5, 2019: Hive Kickoff
- April 8, 2019: Hive 2 Cause of Death determination
- April 11, 2019: Hive Check and Bee. F. F. kickoff
- April 18, 2019: Hive Check- Feeding, egg-bound?
- August 1, 2019: Hive Check with SLCE and Res Life
- September 11, 2019: Hive Open House
- September 13, 2019: Hive Check

September 18, 2019: Hive Check
October 2, 2019: Native Pollinator Committee Meeting
November 17, 2019: Honey Harvest
November 21, 2019: Native Pollinator Meeting
November 21, 2019: Value Added Lotion Making, Muller
November 26, 2019: Honey Harvest 2.0

POLLINATOR HEALTH & HABITAT



Native Bee Home Painting: Pots to be filled with pollinator friendly flora are decorated by the student body.

On March 29, 2019, students and staff of the college meticulously placed mason bee homes consisting of a wooden triangle with tubes encased in it throughout the campus to foster bee species.

SERVICE LEARNING

April 2019, 15 students, Conservation Biology, ENST 310, Habitat Restoration Project for the Endangered Regal Fritillary Butterfly

Summer of 2019, one student worked with a professor to contribute to the development of <http://beescape.org>, a website that helps beekeepers and others assess the quality of their landscape for bees.

Winter 2019-Spring 2019, One student worked with two professors to create a GIS web tool for the NGO Appalachian Headwaters, which uses beekeeping as an economic development activity in former coal-mining areas in West Virginia. The tool we created helps the NGO evaluate sites for new beekeeping yards relative to habitat quality and insecticide loading.



Habitat Restoration: A student works to restore the habitat of the regal fritillary butterfly and improve its status as endangered.



Class Saves Pollinators: Seventeen students come together to test a variety of reintroduction plans to determine the effectiveness of reintroduction as a tool to establish new populations of pollinator-friendly plant species.

CURRICULUM & CONTINUING EDUCATION

We implemented two continuing education programs that focused on pollinator education through an online training module and an adopt-a-bee program where students and staff are taught the life cycles of bees, what the bees need to be successful, and how to properly handle them.

EDUCATIONAL & INTERPRETIVE SIGNAGE

We had a temporary sign up in the Center for Sustainability Education office articulating the importance of pollinators and that Dickinson is an official member of Bee Campus USA.

POLICIES & PRACTICES

We always avoid using chemicals unless absolutely necessary in order to treat mite infestations.

Recommended Locally Native Plant Species List —

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

Regional Native Plant Supplier List — <https://www.izelplants.com/>

Pollinator Friendly Integrated Pest Management Plan —

https://www.dickinson.edu/info/20052/sustainability/2283/buildings_and_grounds

CONTACT US!

Committee — Dickinson College Hive, Lindsey Lyons, sustainability@dickinson.edu

Website — https://www.dickinson.edu/info/20052/sustainability/3325/the_hive/4

Social Media — <https://www.facebook.com/CSE.Dickinson>