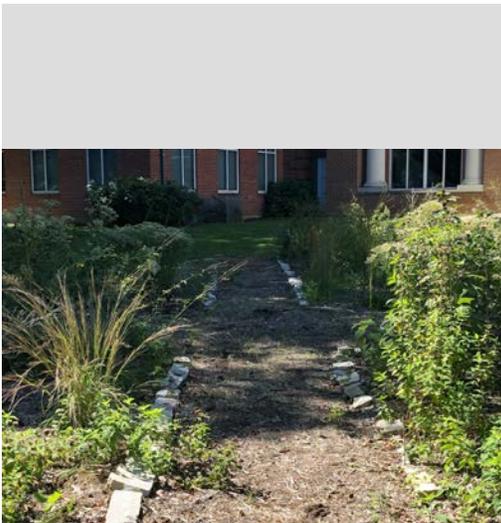


Bee Campus USA - Hanover College

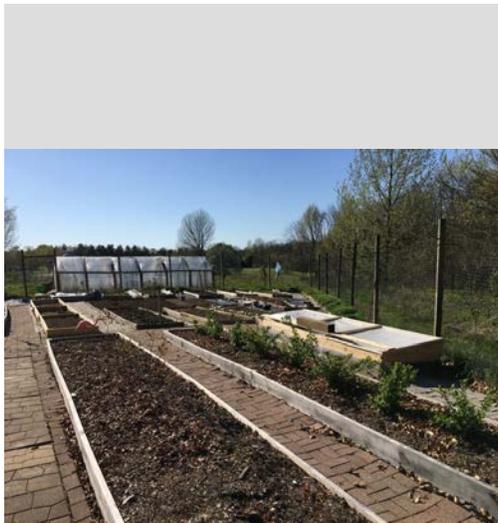
Report on 2020

Pollinator Habitat Creation & Enhancement

We planted our first pollinator garden in spring 2019 so our first robust bloom happened in spring and summer 2020. This garden is about 3000 square feet in size. Hanover College has had a community garden in operation since summer, 2010. From year to year we have roughly 6 families involved with gardening. Each family maintains 1-3 raised beds measuring 4'x12'. The total garden space measures about 24 raised beds enclosed by deer fence. Running along two edges of the garden is a long, raised bed dedicated to wildflowers which measures about 3' x 64'. An 8' x 24' greenhouse external to the garden is also covered in deer fencing and can have plastic sheeting added or removed as needed to extend the growing season. Three rainwater harvesting tanks connected to nearby buildings can collect 2,900 gallons of water at a time and significantly offset the need for other water sources. The garden is approximately 1536 square feet.



Summer 2020, Hanover College's pollinator garden.



Community garden, Hanover College.



Vegetable beds, Hanover College community garden.

Education & Outreach

On February 12, 2020, in partnership with Big Oaks National Wildlife Refuge, we co-hosted a viewing of the documentary



movie *The Guardians*. This movie documents the struggle of an indigenous Mexican community to balance their rural livelihoods with the desire to protect the forest that hosts the millions of monarch butterflies that have migrated from as far away as Canada. At the conclusion of the movie, we had a virtual question and answer session with the film makers. Approximately 80 people attended. In August 2020, in partnership with the Jefferson County Pollinator Action Group and Oak Heritage Conservancy, our pollinator habitat was part of a county-wide self-guided tour and pollinator scavenger hunt. Because the event was self-guided, we do not have an estimate of the number of participants.



Approximately 80 members of the campus and local community attended a screening of the documentary film "The Guardians". At the conclusion, we held a virtual Q & A session with the film makers.



Courses & Continuing Education

Biology 161 covered the biological differences between native and invasive species of bees and wasps. Biology 165 covered the co-evolution of pollinators and plants. Economics 221 covered the economic benefits of “ecoservices”, like pollination of crops by insects, birds, and bats.

Service-Learning

In October 2020, Maddie Gaebel a first-year Hanover College student and amateur beekeeper, brought her two hives and installed them near the Community Garden. Maddie also began the process of creating a new student organization for beekeeping. In Fall 2020 members of Hanover College’s Gardening Club helped to plant new succulents on campus.



Educational Signage

In March 2020 we received from the Jefferson County Pollinator Action Group the interpretative sign for our first pollinator garden.



Interpretive sign for Hanover College's first pollinator garden.



Policies & Practices

Integrated Pest Management Plan:

Recommended Native Plant List:

Recommended Native Plant Supplier List:

[Learn More](#)

