

Bee Campus USA - East Carolina University

Report on 2022



Pollinator Habitat Creation & Enhancement

Another student group called ReLeaf ECU Chapter took over maintenance of the ECU Campus Orchard in 2022. They hosted meetings and monthly workdays at the Orchard. They mulched around the fruit trees and bushes, weeded the pollinator and herb gardens, and help Paint a Pot events to encourage students to plant native pollinator species.

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

2

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

2000

How many volunteers helped with those projects?

30

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

- Flower garden
- Orchard
- Herb garden
- Native pollinator-friendly tree planting



Workday at the Campus Orchard with ReLeaf ECU Chapter



Students who planted a native, pollinator-friendly tree on campus for Arbor Day 2022

Education & Outreach

The student club called SustainabiliBEES hosted several events last year with the support of the ECU Sustainability Program and Grounds Services as well as in collaboration with other ECU student sustainability organizations:

- 2-24-22: Plant a Pollinator Event and Club Meeting (20)
- 3-7-22: Campus Beehive Inspections with the ECU Sustainability Manager (5)
- 3-19-22: Painting Pallet Signs and Setting up Beehives at the Greenville Community Garden and Orchard (15)
- 3-29-22: Tree Planting and Painted Ladies Butterfly Release on ECU's Main Campus (20)
- 4-1-22: G.O.L.D. Leaders Beehive Demonstration and Lead Like a Bee Talk (10)
- 4-18-22: Earth Week Honey Extraction (40)
- 4-22-22: Earth Day Festival with SustainabiliBEES Table and Observation Hive (300)
- 7-21-22: Bring back the Pollinators Webinar with ECU Grounds Services (15)
- 9-1-22: Get A Clue Festival SustainabiliBEES Table (100)
- 9-20-22: HHP Bee Campus USA Guest Lecture (40)
- 10-19-22: Campus Sustainability Day with SustainabiliBEES Table (300)
- 10-21-22: Tea with the Bees by SustainabiliBEES (50)
- 10-24-22: Honey Tastings in the ECU Dining Halls (50)
- 11-6-22: Tar River Community Science Festival Local Youth Engagement (1000)
- 11-9-22: Campus Orchard Workday with SustainabiliBEES (10)

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

How many people attended those events (in total)?

1975



Courses & Continuing Education

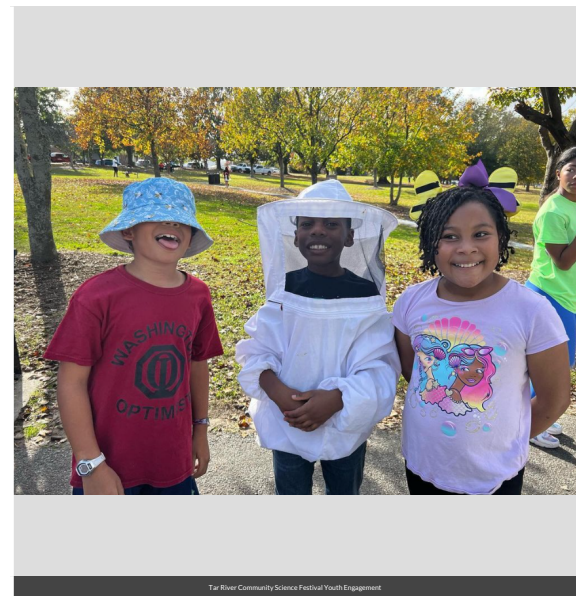
The student organization that has done the most work to raise awareness about pollinators and help enhance our campus habitats for pollinators is SustainabiBEES and it is still part of an ongoing Signature Honors Project. This group has really helped to foster a culture of sustainability on campus. Their work has expanded to raise awareness off campus as well. The students in SustainabiBEES have gotten certified at the Beginner Level of Beekeeping through our local Tar River Beekeepers Association. They have also spread this knowledge throughout the community of Greenville by participating in Greenville Community Garden and Orchard Workdays and tabling at events like the Tar River Community Science Festival where they interact with and provide education to local youth.

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

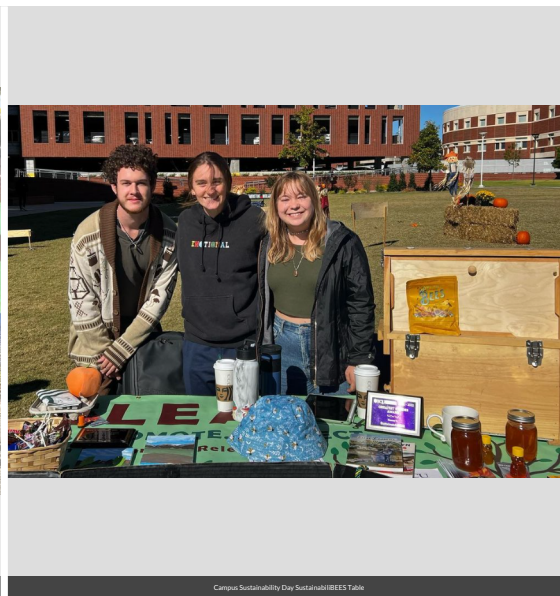
How many students attended those for-credit courses?

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

How many participants attended those courses?



Tar River Community Science Festival Youth Engagement



Campus Sustainability Day SustainabiliBEEES Table



Get A Clue Festival SustainabiliBEEES Table

Service-Learning

There were two service-learning projects that students participated in during 2022. First, the students in SustainabiliBEEES purchased all of the equipment and raised Painted Ladies Butterflies to release on campus. They hosted two events associated with this project. The first event was setting up the butterfly growing kit, naming the caterpillars, and talking about their lifecycle. The second event was a tree planting and butterfly release event. Second, students who had taken the Beginning Level Beekeeping classes shadowed the ECU Sustainability Manager during beehive inspections so that they could do their practical and become certified beekeepers.

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

2

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

10



SustainabilityBEEES Tree Planting and Monarch Butterfly Release



Hive Inspections and Beekeeping Practical Exam for ECU Students

Educational Signage

We received a pollinator garden sign from the Xerces Society last year that we installed on the pollinator garden at our ECU Campus Orchard.

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

1

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

1



Policies & Practices

As stated in our IPM plan, monitoring landscape for pests and diseases is a constant ongoing process for all Grounds employees. ECU Grounds Services staff also look for beneficial insects that may already be working to control pests. The ECU Grounds crew tries not use pesticides near pollinator habitats as a general practice, especially if pollinators are present in an area or adjacent areas that could be affected by drift. Prevention is the first method of our IPM plan, which includes proper cultural and mechanical methods, proper watering, and use of healthy, pest and disease resistant native plant species.

What actions have you taken to make pest management practices more pollinator-friendly?

- Implemented or maintained a written IPM plan
- Avoided use of pesticides in public sites containing designated pollinator habitat or other sensitive features (except when targeted use is deemed the best option for invasive or noxious weed, insect or disease management)
- Implemented non-chemical pest prevention and management methods on city or campus grounds
- Distributed educational materials to residents or students to encourage the reduction or elimination of pesticide use

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

Not currently

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?

I arranged a webinar viewing for 16 of our ECU Grounds Services staff members to watch a Xerces webinar called, "Bring Back the Pollinators" on July 21, 2022. The staff found the webinar interesting and said they could see the benefits of protecting pollinators and agreed to start implementing some of the practices recommended during the training.

Integrated Pest Management Plan: [ECU IPM Program.pdf](#)

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

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



ECU Grounds Services Staff viewing a Xerces webinar called "Bring Back the Pollinators"

Learn More

<http://sustain.ecu.edu>
sustain@ecu.edu

<https://www.facebook.com/SustainECU>
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ECU Sustainability Committee including members of the Campus Grounds Subcommittee