

Bee Campus USA - Nash Community College

Report on 2024

Pollinator Habitat Creation & Enhancement

Please describe pollinator habitat creation or enhancement projects in your community in 2024, and whether your committee hosted them or not.

Arbor Day Celebration – Nash Community College Tree-Planting (May 2024) Location: Nash Community College, Rocky Mount, NC Hosted by Nash Community College Tree Campus Committee/Bee Campus Committee Nash Community College hosted a tree-planting event in celebration of Arbor Day. This event was spearheaded by Ken White, and attended by Nash CC students, staff, faculty, and Bee Campus members. In recognition of Arbor Day, an American Linden tree (American Basswood) was planted on campus grounds, by Building A. **Invasive Species Removal (Tuesday, October 22)** Location: Stoney Creek Park in Nashville, NC Hosted by the Town of Nashville Biology students at Nash Community College got a chance to work with Biologists in the field to learn about pollinators, invasive plant species, and methods of removal. The Wildlife & Outdoor Recreation Foundation students worked at Stoney Creek Park to see what invasive species were in the area. The invasive species were removed, and native species were planted in their place. Students also learned about the importance of native species and their contribution to the ecosystem and pollinator conservation. **Arbor Day Celebration – Nashville Elementary School Tree-Planting (Thursday, November 7)** Location: Nashville Elementary School orchard, Nashville, NC The Town of Nashville hosted a tree-planting event in celebration of Arbor Day. This event took place at Nashville Elementary School and was attended by Nash CC students, staff, faculty, community members and elementary students. Fifth grade elementary school students help plant fig trees. Bee Campus members assisted with the celebration and helped students plant the trees.

How many habitat projects did you help to create or enhance in 2024?

4

How many people (staff, volunteers, students, partners, etc.) helped with those projects?

100

How many projects benefit monarchs, milkweed, or nectar plantings?

3

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

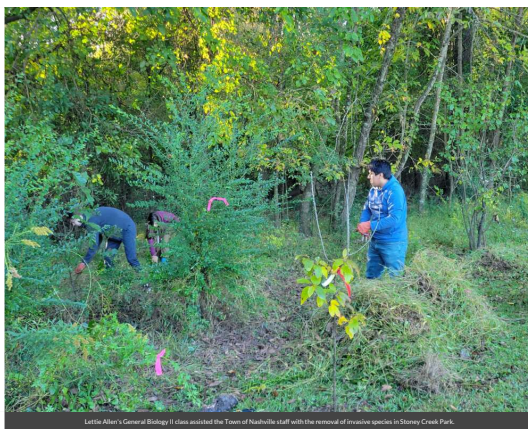
17000

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

- Flower garden
- Vegetable garden
- Orchard
- Natural area with tree snags and stumps, and bare areas for ground nesting species
- Pollinator-friendly lawn (with flowering clover, dandelions...)
- Herb garden
- Native milkweed planting for monarchs and bees (where appropriate)
- Invasive/exotic plant species removal for habitat improvement
- Native pollinator-friendly tree planting
- Rain garden/bioswale
- School garden



Fifth-grade students at Nashville Elementary School plant fig trees in celebration of Arbor Day.



Lettie Allen's General Biology II class assisted the Town of Nashville staff with the removal of invasive species in Stony Creek Park.



Ken White and students from Nash Community College plant an American Linden tree in celebration of Arbor Day.

Education & Outreach

Please describe pollinator conservation events or outreach activities in your community in 2024, indicating whether your committee hosted them or not.

Rocky Mount Garden Club Presentation (Thursday, March 28) Location: Rocky Mount, NC Hosted by Rocky Mount Garden Club Lettie Allen gave a presentation about pollinators and the difference between a butterfly and pollinator garden. She discussed how to build a habitat to support pollinators during all life cycles, and designed a pollinator and butterfly garden for their plot on the campus of North Carolina Wesleyan University. Nashville Elementary School

Science Day (Friday, April 12) Location: Nashville, NC Hosted by Nashville Elementary School Lettie Allen discussed the importance of pollinators with second and third graders from Nashville Elementary School. She taught them about the importance of pollen and bees. She also discussed the anatomy of bees and flowers and completed the pollen hunt with their hand-made bee baskets. Professional Development Talk – “Buzz and Bloom: Using Scavenger Hunt Bingo to Celebrate Pollinator Day” (Tuesday, August 13) Location: Nash Community College, Rocky Mount, NC Hosted by Nash Community College/Bee Campus Committee Lettie Allen presented, “Buzz and Bloom: Using Scavenger Hunt Bingo to Celebrate Pollinator Day” to the campus faculty and staff. The purpose of this presentation was to celebrate pollinator Day and inform the campus community about the butterfly, pollinator, and rain gardens on campus grounds. She discussed pollinators and plants that are unique to these gardens and helped the group complete a pollinator BINGO scavenger hunt on campus grounds. Pollinator Day Scavenger Hunt (August 13-August 23) Location: Nash Community College, Rocky Mount, NC Hosted by Nash Community College/Bee Campus Committee This week-long activity was hosted in celebration of Pollinator Day. Campus faculty, staff, and students were invited to complete a scavenger hunt in efforts to introduce and inform the campus community about the different types of gardens, plants, and pollinators on the campus grounds. A prize was awarded to individuals who were able to complete the activity.

How many pollinator-related events or outreach activities did you host or help with in 2024 (in total)?

7

How many people attended those events (in total)?

500

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

























6

Number of temporary interpretive/educational/Bee Campus USA signs installed in 2024?

5

NCC Pollinator Day Scavenger Hunt BINGO

B I N G O

 Beetle	 Blanket Flower	 Fly	 Butterfly	 Fruit Tree
 Milkweed	 Bird	 Butterfly Weed	 Lady Bug	 Black Eyed Susan
 Wasp	 Bee Balm	Free	 Salvia	 Bumble Bee
 Lantana	 Honey Bee	 Blueberry Bush	 Joe Pye Weed	 Monarch Butterfly
 Echinacea	 Gerber Daisy	 Moth	 Spider	 Zinnias

Instructions

1. Search around the campus grounds for items on the BINGO card.
2. Cross out found items on the card with an "X" and take a picture of the found items. (Use good judgement and do not get too close to the pollinator.)
3. Scan the QR code to upload the image of your completed BINGO card, and the four or five images that give you BINGO. You can stop searching when you have BINGO, unless you are a pollinator enthusiast and want to find them all!



Completion of the BINGO card will enter your name into a drawing for a prize!

To celebrate Pollinator Day, Nash Community College staff, faculty, and students were invited to complete NCC Pollinator Day Scavenger Hunt BINGO. This linked introduction and offers the campus community about the different types of gardens, plants, and pollinators on the campus grounds.



Lettie Allen gave a presentation to the Rocky Mount Garden Club on how to convert this space of North Carolina Wesleyan University into a garden that will attract butterflies and local pollinators.



Students from Nashville Elementary School look through microscopes to learn about the structure and function of pollen during Science Day.

Pardon Our Weeds We Are Feeding Our Bees



The Nash CC Bee Campus Committee designed and placed these temporary signs around campus to promote pollination.

Curriculum, Continuing Education, & Service Learning

Please describe the curriculum your campus engaged in 2024, indicating whether it was part of a for-credit course or continuing education.

Continuing Education Course: HOR 245 (Spring 2024) – Horticulture Curriculum Course: BIO 110 (Spring and Fall 2024) – Principles of Biology Curriculum Course: BIO 112 (Spring and Fall 2024) – General Biology II Ken White, the college landscape specialist, teaches a Continuing Education Horticulture course. This course targets local citizens. Along with landscaping and grounds-keeping practices, students learn about important local pollinators and their habitats. They also learn about safe pest management practices. Lettie Allen, a biology instructor, incorporates pollinator behavioral studies and plant and pollinator relationships into the General Biology I and II curriculum. Her General Biology II students completed an Invasive Species Lab and removed non-native plant species from a local park in Nashville, NC. Christine Ricci, a biology instructor, includes pollinator studies and pollinator habitat preservation into the Principles of Biology curriculum. As a part of this course, she and Ken white introduce students to beekeeping and their importance as pollinators. Biology instructor, Reggie Cobb, incorporated pollinator studies and pollinator habitat preservation into the Principles of Biology curriculum and allowed his students to 3D-print pollinator homes for our local pollinators. Professor Reggie Cobb guided his Principles of Biology (BIO 110) students along the banks of Stoney Creek to remove non-native plant species and replace them with native species. This event was part of the Invasive Species Lab.

How many of your for-credit courses included pollinator-related information in 2024?

2

How many students attended those for-credit courses?

150

How many of your continuing education courses included pollinator-related information in 2024?

1

How many participants attended those continuing education courses?

20

Please describe the service-learning projects your students were engaged in 2024, indicating which, if any, were associated with a course.

N/A



General Biology II students were taught about the life cycle of the monarch butterfly while observing the milkweed in the campus butterfly garden.

Policies & Practices

Please describe actions taken to make pest management more pollinator-friendly.

Integrated pest management is always used throughout our campus. Any pollinator gardens or vegetable gardens are totally controlled organically. Glyphosate is used sparingly and is the only herbicide used on campus. We use mulch as a weed suppressant. We directly treat individual fire ant hills. There is no broadcast application of chemicals.

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

Yes

Did your committee participate in any continuing education on ecologically-based Integrated Pest Management planning?

Yes



This image is a collage of the campus rain gardens. We avoid the broadcast application of chemicals because the runoff is captured by the rain gardens, which prevents chemicals from harming the habitat for wildlife and pollinators.

Any lessons learned you would like to share?

N/A

Nash Community College Bee Campus Committee - 2024



Covington, Adrienne
V.P., Finance/CFO



Ricci, Christine
Instructor, Biology



White, Ken
Master Gardener/Instructor



Allen, Lettie
Instructor, Biology



Christine Ricci



Ken White



Lettie Allen

This photo includes all 2024 Nash Community College Bee Campus members and their positions at the college. Adrienne Covington – Vice President of Finance, Christine Ricci – Biology Instructor, Ken White – Master Gardener/Instructor, Lettie Allen – Biology Instructor

Learn More

Integrated Pest Management Plan:

<https://ipm.ces.ncsu.edu/ipm-honey-bees/>

Recommended Native Plant List: [NC-NativePlants.pdf](https://ncbg.unc.edu/plants/resources-for-gardeners/)

<https://ncbg.unc.edu/plants/resources-for-gardeners/>

Recommended Native Plant Supplier List:

<https://ncbg.unc.edu/plants/resources-for-gardeners/>

<https://www.nashcc.edu/>

<https://www.instagram.com/nashbio>

<https://www.facebook.com/nashcommunitycollege>