

# Bee Campus USA - University of North Carolina at Chapel Hill

Report on 2020



## Pollinator Habitat Creation & Enhancement

The Outdoor Education Center wetland project was developed to meet water quality goals. The native plants were selected for their benefits to water quality and their pollinator benefits. The project converted a former golf course pond into a stormwater wetland.

<https://sustainable.unc.edu/news/2017/09/01/unc-chapel-hill-named-epa-grant-recipient-stormwater-management-project/> Edible campus installations hosting pollinator friendly plants were enhanced in 12 locations on campus. The Carolina Community Garden is an engagement project led by the NC Botanical Garden. It provides fruits and vegetables for campus housekeepers and hosts many pollinator friendly plants. <https://ncbg.unc.edu/outreach/cccg/>





Groundskeeper Geneva Green maintains new stream restoration project at Outdoor Education Center



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## Education & Outreach

The North Carolina Botanical Garden, a garden dedicated to conservation and operated by the University of North Carolina at Chapel Hill, continued to host in-person and virtual events during 2020. Many of these events focused on native plants and Creating a Pollinator Paradise with Native Wildflowers. Edible Campus, a program hosted the by North Carolina Botanical Garden, continued to coordinate work days and hosted a week-long series of virtual Earth Day events. One of the events was a Pollinator Meditation video with visuals of and references to pollinators and pollinator-friendly plants. See <https://youtu.be/e4VV9UVwbeo> for photos. Note: the photo below belongs in the pollinator enhancement section, but I couldn't remove it. Note: The Carolina Beekeeping Club ran a student competition to design a Pollinator Palace. The winning design will be installed at the Battle Grove regenerative stormwater project which daylit a previously piped underground stream in a central part of campus. The installation has been postponed to fall 2021 because of the pandemic. A description of the project is at <https://www.biohabitats.com/project/battle-grove-unc-regenerative-stormwater-conveyance/>

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## Courses & Continuing Education

For credit courses included Agriculture and the Environment; Social Change; and Food and Culture. In addition, the North Carolina Botanical Garden offers workshops, lectures, adult education courses and Certificate Programs. Certificate programs include Botanical Art & Illustration, Conservation Gardening 101, Native Plants, and Therapeutic Horticulture. <https://ncbg.unc.edu/learn/adult-programs/> includes pictures

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## Service-Learning

In July 2020, students published Carolina Cookbook: A College Student's Guide to Healthy, Affordable, and Seasonal Eating at Carolina. The book was created by students in Carolina Cupboard, an on campus food pantry, Edible Campus UNC, and Apples Service Learning. The cookbook is dedicated ""To all those who support and inspire sustainable and just food system work in the Carolina community and greater Triangle." See website for photo <https://ncbg.unc.edu/outreach/edible-campus-unc/>

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## Educational Signage

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## Policies & Practices

Grounds Services follows a four step Integrated Pest Management Plan on 30% of the campus. The University Forest Manager and a two-person IPM staff work with Grounds crews that are assigned to 16 campus zones. There are more than 50 crew members licensed in pesticide application by the NC Pesticide Board and trained to implement the IPM plan. Almost 7% of the grounds are managed organically. These include the areas designated for pollinator friendly plants and stormwater management. We previously submitted our policy and chemical list.

### **Integrated Pest Management Plan:**

<https://reports.aashe.org/institutions/university-of-north-carolina-chapel-hill-nc/report/2020-12-23/OP/grounds/OP-9/>

### **Recommended Native Plant List:**

<https://ncwildflower.org/recommended-native-species/>

### **Recommended Native Plant Supplier List:**

<https://ncbg.unc.edu/2019/08/09/recommended-sources-for-native-plants/>

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