

# Bee Campus USA - Salisbury University

Report on 2020

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## Pollinator Habitat Creation & Enhancement

The Salisbury University Green Fund, a unique program designed to improve environmental sustainability at SU by giving students a say in how their sustainability fees are spent, funded a native species garden and walking path in the Spring of 2015. In the Spring of 2020, the Green Fund supported enhancements and revitalization of this garden area. The Green Fund also supported the purchase of native sedum plugs to enhance an existing living green roof on the Academic Commons. Additional 2020 projects included native plantings in an on-campus bioswale, a monarch waystation planting, and the collection and repurposing of fallen leaves as groundcover throughout campus planting areas. Plantings included the following: Perennials: *Monarda fistulosa*; Lavender; *Salvia*; *Nepeta*; *Echinacea*; *Allium*; *Perovskia*; *Rudbeckia hirta*; *Eryngium yuccifolium*; *Verbena*; *Eupatorium*; *Asclepias tuberosa*; *Pycnanthemum tenuifolium*; *Lobelia cardinalis*; *Baptisia*; *Liatris spicata*; *Vernonia*. Shrubs: *Physocarpus*. Trees: *Crataegus crus-galli*; *Cercis canadensis*; *Tilia Americana*



Native plant garden and trail



Native sedum planted on a green roof



Native plants in bioswale

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## Education & Outreach

Due to restrictions of operations because of the COVID-19 pandemic, no non-essential on-campus events were permitted.

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## Courses & Continuing Education

Two Environmental Studies for-credit courses included pollinator-related information - ENVR 102 (Introduction to



Sustainability) and ENVR 495 (Sustainable Landscape Design). There were 104 students enrolled in ENVR 102 and 28 students enrolled in ENVR 495. Introduction to Sustainability topics included the importance of pollination in agriculture, and how the reliance on pollinators has changed as our food system has become more industrialized and centralized. Also discussed were the issues of colony collapse disorder, the impacts of climate change on pollinators, and the relationship between native plants and pollinators. Over a two-year period, students enrolled in Sustainable Landscape Design created a pollinator garden. This project was done in conjunction with the University's Horticulture Department and the City of Salisbury's Sustainability Coordinator. Sixteen students participate in the first year of the project, and twelve students participated in the second year. The project was highlighted on two local television stations.

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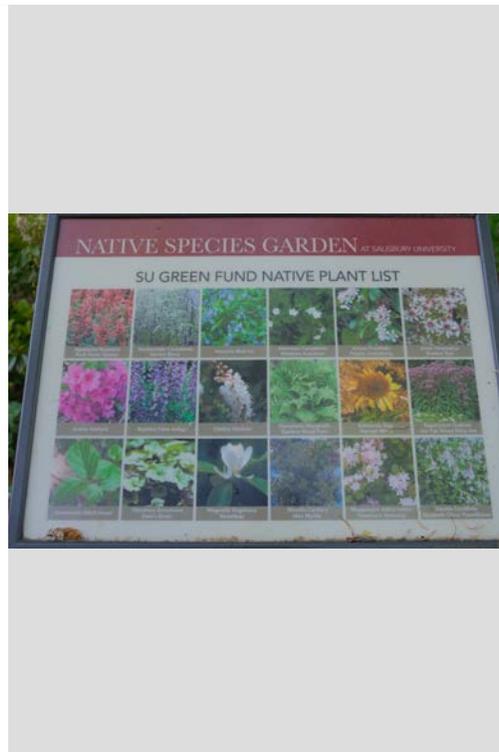
## Service-Learning

Due to restrictions of operations because of the COVID-19 pandemic, no non-essential on-campus events were permitted.

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## Educational Signage

No new signage was installed in 2020



## Policies & Practices

Pest management strategies may include education, exclusion, sanitation, maintenance, biological and mechanical controls, and pre-approved, site-appropriate pesticides. An Integrated Pest Management decision at Salisbury University shall consist of the following steps: 1. Identify pest species. 2. Estimate pest populations and compare to established action thresholds. 3. Select the appropriate management tactics based on current on-site information. 4. Assess effectiveness of pest management. 5. Keep appropriate records. Decisions concerning whether or not pesticides should be applied in a given situation will be based on a review of all available options. Efforts will be made to avoid the use of pesticides by adequate pest proofing of facilities, good sanitation practices, selection of pest-resistant plant materials, and appropriate horticultural practices. When it is determined that a pesticide must be used in order to meet pest management objectives, the least-hazardous material, adequate for the job, will be chosen. All pesticide storage, transportation, and application will be conducted in accordance with the requirement of the Federal Insecticide, Fungicide, and Rodenticide Act (7 United States Code 136 et seq.), Environmental Protection Agency regulations in 40 CFR, Occupational Safety and Health Administration regulations, Salisbury University policies and procedures, and local ordinances. No person shall apply, store, or dispose of any pesticide on Salisbury University -managed property without an appropriate pesticide applicator license. All pesticide applicators will be trained in the principles and practices of IPM and the use of pesticides approved for use by Salisbury University. All applicators must comply with the IPM policy and follow appropriate regulations and label precautions when using pesticides in or around Salisbury University. Pest-specific strategies will be included in the IPM Program Specifications provided to each service provider.

### Integrated Pest Management Plan:

#### Recommended Native Plant List:

<https://www.salisbury.edu/administration/administration-and-finance-offices/sustainability/horticulture.aspx>

#### Recommended Native Plant Supplier List:

<https://www.salisbury.edu/administration/administration-and-finance-offices/sustainability/horticulture.aspx>

Learn More

