

# Bee Campus USA - Raritan Valley Community College

Report on 2020

## Pollinator Habitat Creation & Enhancement

Students did maintenance work in the rain garden, which mostly involved a lot of invasive species removal (5-6 students over multiple sessions). Environmental club members also planted organic vegetables on the green roof (5-6 students). Finally, a few students removed lanternfly egg masses from trees in several forest patches on campus (2-3 students).



Rain garden service learning, removing invasives while social distancing.



Students removed mugwort, Japanese wineberry, multiflora rose, Japanese honeysuckle, and Canadian thistle from the rain garden. They also did some weeding of native vegetation to promote proper stormwater drainage and to promote a diversity of native vegetation to support more pollinators.

## Education & Outreach

### Courses & Continuing Education

Each fall and spring semester ENVI 102 (Environmental Science and Sustainability) students learn about the benefits of rain gardens for stormwater mitigation as well as providing habitat for pollinators and wildlife. The students are trained in rain garden maintenance and perform several hours of maintenance in rain gardens on campus and in the local community.



Maintenance activities involve removing invasive species so that perennial native wildflowers are able to persist and attract pollinators. The Botany and Ecology courses also cover material on pollinator plants, including landscape ecology and modern environmental problems, plant ecology, and conservation. The Plants, Humans & the Environment course covers the effects of human activities on plants and the environment. These are all for-credit courses.

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## Service-Learning

A few students removed lanternfly egg masses from trees in several forest patches on campus. Each fall and spring semester ENVI 102 students learn about the benefits of rain gardens for stormwater mitigation as well as providing habitat for pollinators and wildlife. The students are trained in rain garden maintenance and perform several hours of maintenance in rain gardens on campus and in the local community. Maintenance activities involve removing invasive species so that perennial native wildflowers are able to persist and attract pollinators.

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## Educational Signage

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## Policies & Practices

We have deer harvesting, groundhog trapping, and goose management programs to prevent herbivory.

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

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

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

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