



Bee Campus USA Annual Report for 2018 Pollinator Conservation & Education

State University of New York (SUNY)
Cortland, New York



EDUCATION & OUTREACH



Our event was a showing of the Green-flix Documentary Film Series: "Vanishing of the Bees" on April 2. It was co-sponsored by the Campus Garden Advisory Committee/Bee Campus USA Committee and facilitated by Brock Ternes.

Photo: Viceroy butterfly identified during BIO 307 field trip.

POLLINATOR HEALTH & HABITAT



In addition to maintaining our community garden at the bioswale outside Bowers Hall, we planted ten native shrubs and six native trees.

POLICIES & PRACTICES

The Bee Campus USA/Garden Advisory Committee is comprised of nine people drawn from the faculty, staff, and students. Areas of expertise represented on the committee include landscaping, ecology, sustainability, education and outreach, child development, and health and wellness.

Recommended Locally Native Plant Species List with Regional Suppliers–
<https://www2.cortland.edu/dotAsset/66bcc50b-51a8-450d-b723-4329983f3966.pdf>
Pollinator-Friendly Integrated Pest Management Plan–
<https://www2.cortland.edu/dotAsset/7320a274-9da5-49ce-b4fa-dfaf37f335eb.doc>

SERVICE-LEARNING



There were two service learning projects during 2018. The first was a spring planting activity implemented by the student intern on April 24, 2018. The second was a potato harvesting and garlic planting activity for the preschoolers in the fall. A class of early childhood/childhood education majors implemented the activity for 45 preschoolers from the SUNY-Cortland Childcare Center. In addition, a student intern tended to the garden in the summer.

One of the garden beds is reserved for use by a class of young adults (ages 18 to 21) with cognitive and developmental disabilities. Caring for the garden is integrated into a curriculum about plant life cycles.

CURRICULUM

More than a dozen for-credit courses, mostly biology, incorporate pollinator biology or protection topics into the curriculum. In 2018 approximately 1300 students were exposed to these learning opportunities. For example, in Field Natural History (BIO 307/507) students used mark and recapture to estimate bumblebee population size at our Hoxie Gorge Nature Preserve. Students also raised and tagged monarch butterflies for Monarch Watch. The graduate students gave presentations on the importance and threats to bees, and the biology and conservation of the frosted elfin and Karner blue butterflies.

EDUCATIONAL SIGNAGE



This is the sign at the Community Garden at the bioswale outside Bowers Hall.

We are currently in the process of designing a new permanent sign for the Community Garden that we hope to have installed in 2019.

CONTACT US!

Committee: Garden Advisory/Bee Campus USA Committee; Sarah Beshers, Chair, sarah.beshers@cortland.edu

Website: <https://www2.cortland.edu/about/sustainability/get-involved/bee-cam.dot>