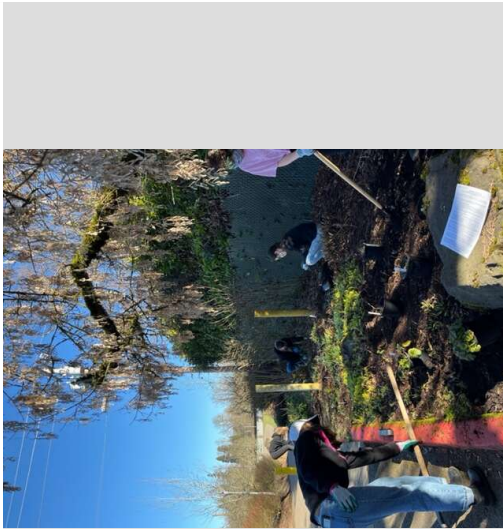


Bee Campus USA - University of Oregon

Report on 2021

Pollinator Habitat Creation & Enhancement

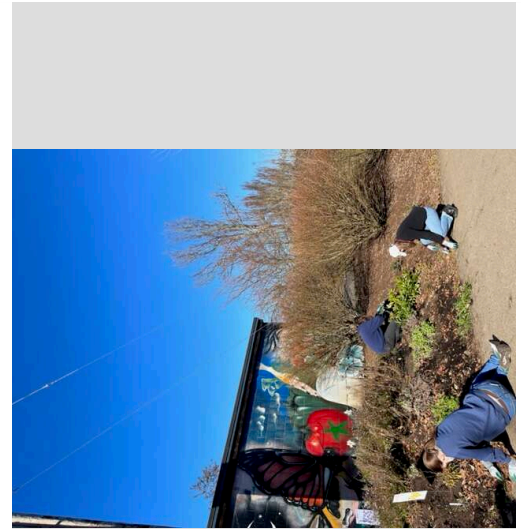
In January and February of 2022, the Bee Friendly Committee hosted two events to prepare for a third native planting event. The committee collaborated with UO Landscaper Jane Brubaker. These events consisted of weeding the area in which the planting party would take place and creating signs and labels that we would place next to the plants once they were in the ground. The actual planting took place next to the university's fine art's studios, on the Ruth Bascom Bike Path that led to Autzen Stadium. The path gets lots of traffic and was thus an excellent place for flowers, educational signage, and habitat for pollinators since it's adjacent to the UO Urban Farm. We had fourteen volunteers successfully plant and label every species, with additional time for weeding around the area.



Students planted flowering species to support native pollinators (photo credit: Annabelle Hurley).



Students organizing temporary signage to label new plantings (photo credit: Annabelle Hurley).



Volunteers remove weeds to prepare for new plantings (photo credit: Annabelle Hurley).

Education & Outreach

The Bee Friendly Committee hosted events to repopulate three beehives on the roof of the Erb Memorial Union and one hive at the Grove Community Garden in April 2021 in collaboration with UO Resident Bee Keeper David Flock. Students



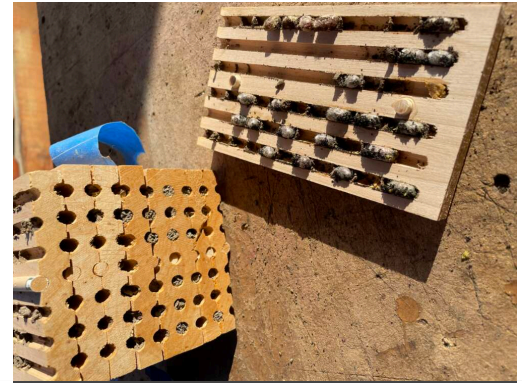
wore protective suits and participated in the repopulation with David's guidance. One student reported feeling less scared of bees after the event. Also in attendance were reporters from the Daily Emerald, who ran a photo essay and a story about the event. We had another similar event in October 2022 during which attendees harvested honey and checked on the hives' health. In May 2021, the committee collaborated with the Eugene Public Library to create educational pollinator "trading cards" for distribution to children who could learn from, share, and color the cards. Members of the committee designed the cards with illustrations of several native Oregon bee species and age-appropriate information about pollination and insect anatomy, producing 100 packages of 6 cards and a Bee Friendly sticker. In winter 2022, the committee hosted a public presentation about how blue orchard mason bees, their nesting activities and pollination efficiency. The committee also hosted a watch party for the PBS film, *My Garden of a Thousand Bees*, about a wildlife photographer's attempts to film, photograph, and understand the bees in his backyard. One attendee reported feeling a greater connection to insects after the film.



UO Bee Friendly members suit up to check out the beehive at the Grove Community Garden (photo credit: Annabelle Hurley).



UO Resident Bee Keeper David Flock opens up a beehive on the EMU roof to show interested students (photo credit: Annabelle Hurley).



Students observed mason bee nests in a fall-term workshop (photo credit: Harper Keeler).

Courses & Continuing Education

Several courses in the biology department teach a unit on bees including Animal Behavior, Foundations of Biology, Pollination Biology, Conservation Biology, Field Botany, and Field Entomology. We keep a glass-fronted honeybee hive with a dedicated live-streaming webcam in a biology lab for teaching purposes. The Pollination Biology course focuses on bees and other pollinators as well as the plants that are pollinated. In Conservation Biology, we focus on native bees as a case study for threats to biodiversity (habitat loss and degradation, chemical pollutants, invasive species and pathogens, climate change) and illustrate how impacts to some species have outsized effects (keystone species and the loss of pollinators). The Environmental Studies Department includes pollinators in some of their courses as well, including Environmental and Ecological Monitoring, which teaches field data collection methods including pollinator surveys. In this course, a team of students and 1 graduate student worked with personnel from Whitewater Ranch to 1) research and present recommendations to the farm's owners on pollinator-friendly farm certification programs, and 2) write a pollinator



management plan for the farm. A new team of students is continuing the project in the spring. The Landscape Architecture Department offers a course called The Urban Farm, which is offered every term and has an annual enrollment of about 325 students. This hands-on class teaches students how to grow food and the central role of pollinators in this activity.

Service-Learning

The Urban Farm class includes a service learning requirement through which students participate in a number of non-profit garden projects, many of which focused on food insecurity. Many students outside of the class also earn service learning credit by working at the Urban Farm growing food for the Campus Food Pantry. By giving students the opportunity to work in the garden, they learn first-hand the importance of a healthy pollinator community to grow the food that we eat and share.





The Urban Farm class encourages students to volunteer at FOOD for Lane County's Youth Farm (photo credit: Claire Warner).

Educational Signage

Due to difficulty implementing signage on campus property, we have created and activated an interactive layer on the University of Oregon campus map specifically dedicated to pollinator-friendly habitat. People can use this map App to click on Bee Icons that correspond with the site they are either looking for or have found. Upon clicking they will access photos of the site as well as links to pertinent pollinator information.





An example of permanent interpretive signage on the UO campus (photo credit: Claire Warner).



New signage created and installed by the UO Bee Friendly Committee to showcase new pollinator-friendly plantings (photo credit: Claire Warner)

Policies & Practices

Integrated Pest Management Plan:

Recommended Native Plant List:

Recommended Native Plant Supplier List:

[Learn More](#)

