

Bee Campus USA - Southern Oregon University

Report on 2023

Pollinator Habitat Creation & Enhancement

Please describe pollinator habitat creation or enhancement projects in your community in 2023, and whether your committee hosted them or not.

Landscape department completed the 3 acres of lawn conversion to drought tolerant planting in summer 2023.

How many habitat projects did you help to create or enhance in 2023?

1

How many people (staff, volunteers, students, partners, etc.) helped with those projects?

8

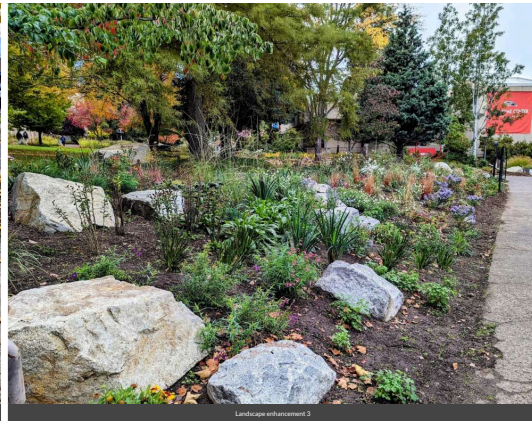
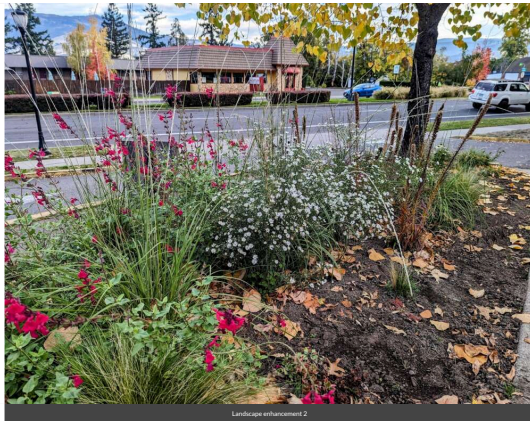
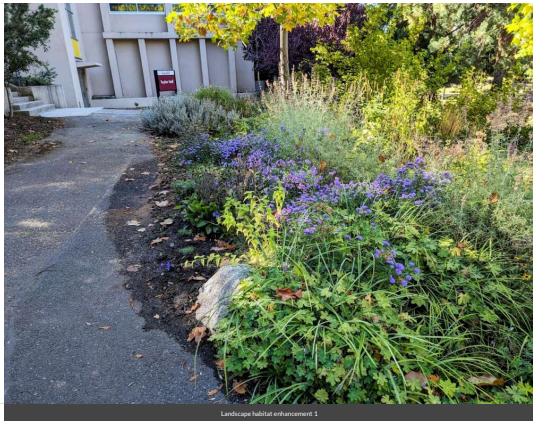
How many total square feet of habitat were created or enhanced?

35000

Please check all that describe the habitats your affiliate helped to create or enhance last year with pollinator benefit in mind.

- Flower garden
- Vegetable garden
- Orchard
- Natural area with tree snags and stumps, and bare areas for ground nesting species
- Meadow
- Pollinator-friendly lawn (with flowering clover, dandelions...)
- Herb garden
- Native milkweed planting for monarchs and bees (where appropriate)
- Invasive/exotic plant species removal for habitat improvement
- Native pollinator-friendly tree planting
- Native pollinator-friendly shrub border/hedgerow planting

- Rain garden/bioswale
- Roadside/rights of way planting
- School garden
- Other



Education & Outreach

Please describe pollinator conservation events or outreach activities in your community in 2023, indicating whether your committee hosted them or not.

A beekeeping class was hosted at the SOU farm by SOU in 2023. 12 in person classes were held providing hands-on instruction on beekeeping for 5 students. Earth Day at The Farm April 21, 2023 – This event had over 1000 people in attendance. One of the highlighted activities was a Pollinator Walk and Talk with a beehive demonstration. There were 3 walks and talks and 45 people specifically attended the Pollinator Art Walk and Talks
<https://news.sou.edu/2023/04/earth-day-exceeds-expectations-at-the-farm-at-sou/>

How many pollinator-related events or outreach activities did you host or help with in 2023 (in total)?

2

How many people attended those events (in total)?

50

Number of permanent interpretive/educational/Bee Campus USA signs installed to date?

12



Pollinator table at Earth Day 2023

Curriculum, Continuing Education, & Service Learning

Please describe the curriculum your campus engaged in 2023, indicating whether it was part of a for-credit course or continuing education.

Pollinators and the systems that support pollinators are included in several courses in the ES program: ES 102(Biological Science), ES 210 (Environmental problems), BI 340 (Intro to ecology), ES120, 121, and 122 (Sustainable Food Systems), ES 379, ES 230/430 (EcoAdventure), ES 483 (Restoration Ecology), ES 494 A, B and C (Env. Science Capstone). BI 411 (Ethnobotany), BI 438 (Conservation Biology), BI 444 (Field Botany). ES 102 and BI 340 developed labs around pollinators. ES 210 featured regional environmental groups, of which one is the Pollinator Project Rogue Valley (PPRV).

How many of your for-credit courses included pollinator-related information in 2023?

17

How many students attended those for-credit courses?

350

How many of your continuing education courses included pollinator-related information in 2023?

3

How many participants attended those courses?

60

How many service-learning projects did your campus host and/or support to enhance pollinator habitat on- and off- campus?

3

How many students participated in service-learning projects in 2023 to enhance pollinator habitat on or off-campus?

20

Please describe the service-learning projects your students were engaged in 2023, indicating which, if any, were associated with a course.

Students in ES 230/430 helped restore riparian areas burned by the Alameda Fire by planting a pollinator garden with Pollinator Project Rogue Valley. Pollinator Project Rogue Valley also currently employs two students as interns. One is funded through Ameriicorps to develop educational materials and coordinate public events, while the other is updating a buzzway map that was started by SOU students 6 years ago.

Policies & Practices

Please describe actions taken to make pest management more pollinator-friendly.

Using basal-tissue injections of targeted insecticides on beetle-damaged conifer tree stands, when the trees are not in flower. This prevents movement of insecticide and eliminates risk of non-target species damage.

In your city or campus, are any policy initiatives underway to further protect pollinators, people or waterways from pesticides?

In development is a long-range Landscape Master Plan will include considerations for pollinator/people/waterway protection. Current practices pose no risks, however language and mapping can be utilized to strengthen protection measures.

Did your committee participate in any continuing education on ecologically-based Integrated Pest Management planning?

Through conversations on campus of SOU's approach and through SOU hosted Earth Day with Pollinator Walks

Please check actions you have taken to make pest management practices more pollinator-friendly.

- Implemented or maintained a written IPM plan
- Only use pesticides as a last resort within the IPM plan
- Avoided use of pesticides in public sites containing designated pollinator habitat or other sensitive features (except when targeted use is deemed the best option for invasive or noxious weed, insect or disease management)
- Implemented non-chemical pest prevention and management methods on city or campus grounds
- Eliminated pesticide uses that are solely to maintain aesthetics on city or campus grounds
- Reduced the total area of city or campus-managed lands to which pesticides are applied
- Restricted pesticides used to organic pesticides on city or campus grounds
- Eliminated use of neonicotinoid insecticides on city or campus grounds
- Dropped pesticide use altogether on city or campus grounds
- Distributed educational materials to residents or students to encourage the reduction or elimination of pesticide use
- Sourced plants for city or campus grounds using “Buying Bee-Safe Plants” methods recommended by Xerces Society. (See <https://xerces.org/publications/fact-sheets/buying-bee-safe-plants>)
- Sourced plants for city or campus grounds that were not treated with neonicotinoids
- Encouraged developers and private landscapers to source plants using “Buying Bee-Safe Plants” methods recommended by Xerces Society. (See <https://xerces.org/publications/fact-sheets/buying-bee-safe-plants>)
- Encouraged developers and private landscapers to source plants that were not treated with neonicotinoids

Learn More

Integrated Pest Management Plan:

<https://inside.sou.edu/fmp/fmppolicies.html>

Recommended Native Plant List:

Recommended Native Plant Supplier List:

<http://sustainability.sou.edu>

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