

Bee Campus USA - University of California Irvine

Report on 2024

Pollinator Habitat Creation & Enhancement

Please describe pollinator habitat creation or enhancement projects in your community in 2024, and whether your committee hosted them or not.

UCI's commitment to enhancing pollinator habitats with the UCI community is driven by the "Day of Service" events. In these events the committee partners UCI Nature and Shadetree Nursery. To further student engagement some of these events the committee partners with student organizations such as The Earth System Science Club. UCI Nature manages the UCI preserve next to the main campus. This preserve hosts a plethora of pollinators and plays a crucial role in maintaining the region's biodiversity. The committee also partnered with Shadetree Nursery to help grow plants that support pollinators. This included propagation, repotting or other tasks that supported the nursery and its plants.

How many habitat projects did you help to create or enhance in 2024?

3

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

368

How many projects benefit monarchs, milkweed, or nectar plantings?

2

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

64806

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

- Vegetable garden
- Natural area with tree snags and stumps, and bare areas for ground nesting species
- Pollinator-friendly lawn (with flowering clover, dandelions...)
- 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
- Roadside/rights of way planting
- School garden



Education & Outreach

Please describe pollinator conservation events or outreach activities in your community in 2024, indicating whether your committee hosted them or not.

Throughout 2024, various events were hosted to promote pollinator conservation through discussing sustainable landscapes, Bee Campus USA, and the importance of pollinators. The committee played a role in each of the events by hosting, running and/or promoting them. Early in the year, two outreach events focused on discussing what a Bee Campus is, and how it is used to help pollinators occurred. During this event the UCI community learned about an initiative that supports the community and sustainability to help them engage with the campus. In June, a webinar was hosted by the committee that brought UCI professors, Dr. Tobin Hammer and Dr. Diane Campbell, together to discuss the ecological importance of pollinators. The professors discussed their research as well as answered questions geared towards this importance. Finally, at the end of the 2024 year an outreach event focused on sustainable landscapes was hosted. This event focused on sharing the importance of sustainable landscapes and initiative UCI is taking to make the campus more sustainable and supportive of pollinators.

How many pollinator-related events or outreach activities did you host or help with in 2024 (in total)?

15

How many people attended those events (in total)?

290



BEE / TREE CAMPUS USA		
		
<h1>The Ecological Importance of Pollinators</h1>		
<p>Join the Bee/Tree Campus USA interns in welcoming two prominent UCI researchers to learn about the importance of pollinators to our local ecosystems.</p>		 <p>Dr. Tobin Hammer Assistant Professor, Dept. of Ecology & Evolutionary Biology</p>
<p>June 6th, 1 p.m. - 2 p.m. Zoom webinar https://cglink.me/2eo/r1933889</p>		 <p>Dr. Diane Campbell Distinguished Prof. Dept. of Ecology & Evolutionary Biology</p>
<p>UCI Sustainability Resource Center</p>		

Curriculum, Continuing Education, & Service Learning

Please describe the curriculum your campus engaged in 2024, indicating whether it was part of a for-credit course or continuing education.

The University of California – Irvine’s strong commitment to propelling and incorporating sustainability in its mindset is prominently displayed in its for-credit curriculum related to pollinators. Students learn about pollinator-related topics mainly within the Biological Sciences and Earth System Science Departments. Many students take BIO SCI 94 which examines various aspects of ecosystems. Additionally, students in the Ecology and Evolutionary Biology Department may take classes more focused on pollinators such as BIO SCI E184: Ecology and Diversity of Insects. This class is more specific to pollinators as it examines the role insects play in natural ecosystems. Furthermore, there are several classes in the Earth System Science Department that touch on the importance of pollinators in ecosystems and their impact on earth systems. Finally, UCI also holds a garden class that discusses native plants and po

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How many of your for-credit courses included pollinator-related information in 2024?

10

Please describe the service-learning projects your students were engaged in 2024, indicating which, if any, were associated with a course.

none

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

4



Policies & Practices

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

n/a

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

Student housing transitioned to all organic weed control. Housing grounds uses ____ which kills weeds with hot steam and organic herbicide. This practice prevents pollutants associated with standard herbicides from running off into our waterways. Use of organic weed control methods also improve habitat for pollinators.

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

none

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

- Implemented or maintained a written IPM plan

Any lessons learned you would like to share?

n/a

Committee Photo

Learn More

Integrated Pest Management Plan:

https://www.fm.uci.edu/fm_units/pest_management.php%20

Recommended Native Plant List:

<https://bit.ly/UCIpollinatorplants>

Recommended Native Plant Supplier List:

<https://bit.ly/UCIplantnurseries>

<https://sustainability.uci.edu/sustainablecampus/bee-campus/sustainability-center@uci.edu>

<https://www.instagram.com/ucisustainability>