Bee Campus USA - South Dakota State University

Report on 2022

Pollinator Habitat Creation & Enhancement

Habitat Class Project: Students were taught about establishing native plants in landscapes and helped to plant hundreds of locally grown pollinator safe plugs. This addition of flowering native plants will fill in the native grass area planted the year before. Botany Club Habitat Project: Our committee worked with the Botany Club and Wildlife Club to plant over 700 native plants at the American Indian Student Center. This habitat area has been a work in progress now for three seasons and each year we continue to add to the planting. This is now be the first year of major planting with a high variety of flowering plants. We are eager to see the product next year and plan to continue improving this area yearly!

How many habitat projects did you help to create or enhance last year?

2

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

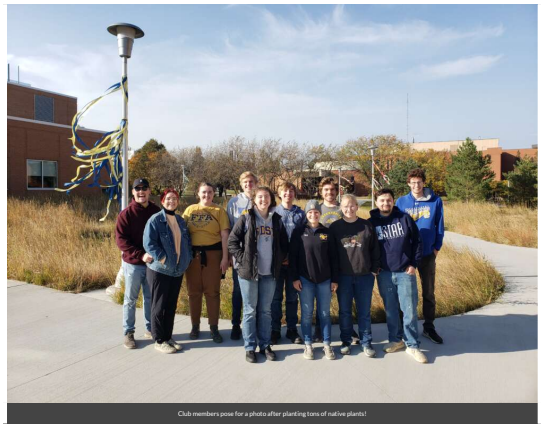
18600

How many volunteers helped with those projects?

45

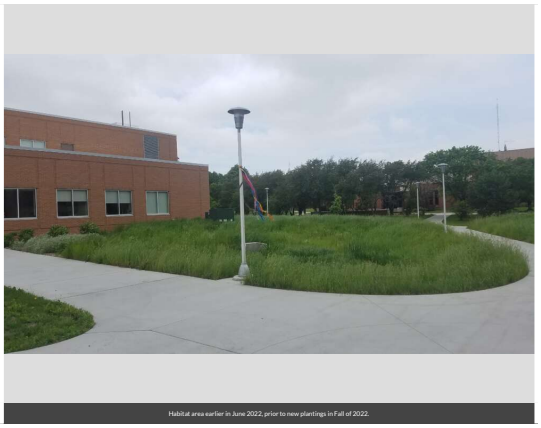
Please check all that describe the habitats your affiliate helped to create or enhance last year with pollinator benefit in mind.

- Meadow
- Pollinator-friendly lawn (with flowering clover, dandelions...)
- Native milkweed planting for monarchs and bees (where appropriate)



Club members pose for a photo after planting tons of native plants!

Club members hard at work planting native plant plugs.



Habitat area earlier in June 2022, prior to new plantings in Fall of 2022.

Education & Outreach

Insect Festival: Participants have the opportunity to engage with pollinator insects and learn about different ways insects pollinate. Children and adults are encouraged to dress as their favorite pollinators!

How many pollinator-related events did your affiliate host or help with last year (in total)?

1

How many people attended those events (in total)?

429

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Young participants dress as pollinators to celebrate at the insect festival.

Courses & Continuing Education

SDSU offers a variety of for-credit courses that involve pollinators in differing levels. What is included in these numbers are courses where the theme of pollinator conservation is incorporated heavily in the material. Courses such as HO105 – Insects in society and RANG321 – Wildland Ecosystems incorporate this topics in a large way to most of the material presented. Students from some of these classes are involved with habitat projects on campus as well.

How many of your for-credit courses included pollinator-related information last year?
20

How many students attended those for-credit courses?
542

How many of your continuing education courses included pollinator-related information last year?

How many participants attended those courses?

SDSU Students planting native plants on campus.

Service-Learning

The habitat planting in front of Raven Precision Agriculture with the Range Ecology class was an excellent service learning opportunity to help us improve a landscape area on campus and give students an opportunity to understand the planting and after-planting care of native plants. These projects also support the Native Plant Initiative that grows all of our native plants without the use of noenicitinoid insecticides.

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

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1

How many students participated in service-learning projects last year to enhance pollinator habitat on or off-campus?
25

Students plant native plants on campus.


Covering what would otherwise be lawn area with native plants.

Educational Signage

Educational signage was installed in each of the on campus habitat projects over the last season. The signage serves in this case to add context to the habitat projects while they establish. These signs help with a wider campus acceptance to this new look which is critical for these plantings long term on our campus. We are still working through permanent signage for these areas.

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

Number of temporary interpretive/educational/Bee Campus USA signs installed last year?
12

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Temporary signage for habitat areas on campus.

Policies & Practices

In your city or campus, are any policy initiatives underway to further protect pollinators, people or waterways from pesticides?
On campus we are working towards identifying habitat areas specifically in the management plan. Currently our management strategies do not include chemical control of insects or plants in waterways or habitat areas, we do not plan to use chemical control unless necessary for very specific application.

Please describe actions by your affiliate to attend training on ecologically-based Integrated Pest Management and/or to review IPM plans and programs considered of high quality by Bee City USA?

Integrated Pest Management Plan: IPM_SDSTATE.pdf

Recommended Native Plant List:

Recommended Native Plant Supplier List:

Learn More

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