

# Bee City USA - Redding

Report on 2022



## Pollinator Habitat Creation & Enhancement

The City of Redding Parks Department, along with Redding Police Department, are constantly involved in large scale clean-ups of trash and abandoned property to help enhance our parks and natural areas. One specific event that we and a number of other groups are involved in is Community Creek Clean-Up. This is a volunteer event that happens every year where the community picks an area to clean-up and goes out on a Saturday to pick up trash, remove invasive plants and trees, and prune the native vegetation. In 2022, the area that was chosen was Nur Pon Open Space along the Sacramento River in Redding, California and brought out three to four hundred volunteers to help enhance an over 40-acre property. Parks Department is also involved in multiple plantings every year of native trees and shrubs, many of which produce pollen. One of the larger projects the department completed in 2022 was an irrigation install and tree planting at Northeast Trail Crossing. At this location we planted seventy-five trees along a .6 mile stretch of trail and installed irrigation to water those trees. The majority of the trees planted are pollen-producers and some of them are food sources for honey bees as well, such as big leaf maples, western redbuds, and ponderosa pines. Providence International is a non-profit organization that runs an agricultural type park on a city-leased parcel of land. They are engaged in a number of sustainable farming and living activities, while also creating job opportunities for at-risk individuals. Some of the activities they are engaged in relating to pollinator habitat creation and enhancement are culturing healthy bees and maintaining a fruit and nut tree orchard free from herbicides, pesticides, and commercial fertilizer. They currently have three bee colonies on site and a total of 425 fruit and nut trees that have been planted over the last five years. The Parks Department is not directly involved with the day to day operations with Providence International, but we assist with special projects and certain maintenance issues when they arise.

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

50

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

4300000

*How many volunteers helped with those projects?*

1800

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

- Flower garden

- Natural area with tree snags and stumps, and bare areas for ground nesting species
- Meadow
- Pollinator-friendly lawn (with flowering clover, dandelions...)
- Invasive/exotic plant species removal for habitat improvement
- Native pollinator-friendly shrub border/hedgerow planting
- Rain garden/bioswale
- Roadside/rights of way planting



Bee Colonies at Providence International's Riverland Park



Geodesic Globe at Providence International's Riverland Park

## Education & Outreach

As previously stated, we have struggled to be a part of any public outreach events because of COVID, but we are able to participate in a number of other activities that contribute to the conservation of pollinators. One of the ways that we contribute is by the reduced use of pesticides in our turf areas in parks. As a result, many different types volunteer vegetation, such as flowering clover and dandelions, have allowed for a pollinator-friendly lawn. We also contribute to conservation of pollinators by maintaining and planting/replanting trees throughout the year. In 2022 the City of Redding planted 971 trees and pruned/maintained 2,312. A majority of the trees planted are ones that produce pollen such as oak trees, maple trees, ash trees, crepe myrtles, fruitless trees, flowering trees, etc. Finally, every year the town of Palo Cedro, just a five minute drive from Redding, hosts the Honey Bee Festival. The Parks Division is not involved with this event, but it does offer educational information about the importance of sustaining pollinator habitats and colonies to the community we serve. This event also includes a live bee beard demonstration, honey bee related activities, and an appearance from the “American Honey Queen”, which is an annually awarded title sponsored by the American Beekeeping Foundation.

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

*How many people attended those events (in total)?*

*How many Bee City USA logo street signs have you installed to date (in total)?*

4

*Did your city council/county commission (highest elected body) issue a proclamation for National Pollinator Week last summer?*

*Please note: this is now an optional activity.*

- No



# Trees Are Good Coloring Book

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ARE GOOD™

ISA

BEE CITY USA®  
AN INITIATIVE OF THE XERCES SOCIETY

XERCES  
SOCIETY  
for Invertebrate Conservation

## Policies & Practices

Throughout the city, there are open space areas that have turf. In these areas, we do not spray pesticides in the grasses. This allows flowering clover and other pollinator-friendly vegetation to grow. We do not use any pest control to maintain the aesthetics of the turf in these open areas and have reduced the areas that we use the pest control to soccer fields and other athletic fields. In LMDs, the contractor does their best to use organic pesticides. They have implemented this strategy in their company and have followed through with it in every area that they are able, including the contract they have with the City. In the areas that we do use herbicide, most of the products we use are labeled as non-toxic to bees and, regardless of the labeling, we do not spray when bees are present. If we are using a pesticide labeled toxic to bees, we are required to notify the county agricultural commissioner to inquire if any apiaries are within a mile of the location and if so, follow the county's protocol for moving forward with that herbicide application. The Department as a whole follows best IPM practices by only treated the targeted weeds in areas where other beneficial vegetation exists. Also, we try to only spray areas where other forms of weed control are not economically feasible.

*What actions have you taken to make pest management practices more pollinator-friendly?*

- Implemented or maintained a written 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

*Are efforts underway in your community to further reduce pesticide use in residential or business areas? This may include neighborhood-led efforts, outreach to landscapers, etc. If so, please describe.*

**As the Parks department, we do our best to reduce pest management, via spraying. We encourage our landscapers and employees to use organic or no spray whenever possible.**

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

**There are currently no policy initiatives underway regarding this matter. We do have the rules and guidelines set forth by the city and county for herbicide application relating to environmental safety.**

*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?*

The majority of our employees that spray pesticide have their Qualified Applicators License or Qualified Applicators Certificate through the California Department of Pesticide Regulation. This state regulated program requires twenty units of continual education every two years. Through this continual education the staff listens to presentations from different professionals in or related to that field of work, and IPM is always highlighted in at least a few of those presentations. The staff that attends those presentations then shares what they have learned with the rest of our department that did not attend.

Integrated Pest Management Plan:

<http://ipm.ucanr.edu/>

Recommended Native Plant List:

<https://www.turtlebay.org/nursery/#inventory>

Recommended Native Plant Supplier List:

<https://www.turtlebay.org/nursery/#inventory>

## WRITTEN SAFETY TRAINING PROGRAM FOR PESTICIDE HANDLERS

GROWER/COMPANY City of Redding Parks

ADDRESS 20055 Vicing Way Bldg #4 Redding, CA 96001

PERSON RESPONSIBLE FOR PROGRAM Joey Forsyth-Deshais

This annual training program is for the 12 month period beginning January 2022 and ending December 2022.

The purpose of this training program is to provide employees with useful and pertinent information to ensure safe and legal handling of pesticides. SEE CALIFORNIA CODE OF REGULATION (CCR) 6724.

Materials and resources contained within this program include:

### TRAINING MATERIAL

### LOCATION OF TRAINING MATERIAL

- |  |                                |
|--|--------------------------------|
| 1) Pesticide Training Forms*                         | <u>Parks Leadworker Office</u> |
| 2) Pesticide Labels (for each chemical used)         | <u>Parks Leadworker Office</u> |
| 3) Material Safety Data Sheets (MSDS)                | <u>Parks Leadworker Office</u> |
| 4) Pesticide Safety Information Series (PSIS A or N) | <u>Parks Leadworker Office</u> |
| 5) PSIS #A-8 or N-8 - Posting                        | <u>Parks Leadworker Office</u> |

### OTHER TRAINING MATERIAL

- 6) Pesticide safety powerpoint presentation w/ links to
- 7) pesticide safety training youtube videos

The following meetings and seminars were attended by employees:

DATE	NAME OR DESCRIPTION OF MEETING
1) <u>12/02/2021</u>	<u>Annual Parks Pesticide Safety Training</u>
2) _____	_____
3) _____	_____
4) _____	_____
5) _____	_____
6) _____	_____

A roster of attendance for each meeting is located \_\_\_\_\_

\* The "Pesticide Training Form" documents annual training of all employees who handle pesticides. The completed forms address all required training topics as stated in the California Code of Regulations (Title 3) Section 6724.

[Learn More](#)