Borough of Carnegie

Carnegie, PA

Mayor Stacie Riley

Pledge Summary

The Borough of Carnegie is located in southwestern Pennsylvania and has an estimated population of 8,000. The borough is home to the beautiful Carnegie Municipal Park as well as three additional community parks and rain gardens located throughout the business district. Mayor Riley of Carnegie, PA has committed to saving the monarch butterfly and other pollinators with her signing of the Mayor's Monarch Pledge and looks forward to engaging residents in building more pollinator habitat throughout the borough.

Action Items Committed for 2022

Communications and Convening

- Issue a proclamation to raise awareness about the decline of the monarch butterfly and the species' need for habitat. This proclamation must incorporate a focus on monarch conservation.
- Launch or maintain a public communication effort to encourage residents to plant monarch gardens at their homes or in their neighborhoods. (If you have community members who speak a language other than English, we encourage you to also communicate in that language; Champion Pledges must communicate in that language.)
- Engage with community garden groups and urge them to plant native milkweeds and nectar-producing plants.
- Engage with city parks and recreation, public works, sustainability, and other relevant staff to identify opportunities to revise and maintain mowing programs and milkweed / native nectar plant planting programs.
- Engage with gardening leaders and partners (e.g., Master Naturalists, Master Gardeners, Nature Centers, Native Plant Society Chapters , other long-standing and influential community leaders) to support monarch butterfly conservation.
- Create a community-driven educational conservation strategy, initiative, or practice that focuses on and benefits local, underserved residents.
- Create a community art project to enhance and promote monarch and pollinator conservation as well as cultural awareness and recognition.

Program and Demonstration Gardens

- Host or support a native seed or plant sale, giveaway or swap.
- Facilitate or support a milkweed seed collection and propagation effort.
- Plant or maintain a monarch and pollinator-friendly demonstration garden at City Hall or another prominent or culturally significant community location.
- Convert vacant lots to monarch habitat.

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- Plant milkweed and pollinator-friendly native nectar plants along roadsides, medians, or public rights-of-way.
- Launch or maintain an outdoor education program(s) (e.g., at schools, after-school programs, community centers and groups) that builds awareness and creates habitat by engaging students, educators, and the community in planting native milkweed and pollinator-friendly native nectar plants (i.e., National Wildlife Federation’s Schoolyard Habitats program and Monarch Mission curriculum).
- Earn or maintain recognition for being a wildlife-friendly city by participating in other wildlife and habitat conservation efforts (i.e., National Wildlife Federation’s Community Wildlife Habitat program).
- Host or support a monarch neighborhood challenge to engage neighborhoods and homeowners' associations within the community to increase awareness, support community unity around a common mission, and/or create habitat for the monarch butterfly.
- Initiate or support community science (or citizen science) efforts that help monitor monarch migration and health.
- Add or maintain native milkweed and nectar-producing plants in gardens in the community.
- Launch, expand, or continue an invasive species removal program that will support the re-establishment of native habitat for monarch butterflies and other pollinators.
- Host or support a monarch butterfly festival that is accessible to all residents in the community and promotes monarch and pollinator conservation, as well as cultural awareness and recognition.
- Display educational signage at monarch gardens and pollinator habitat.

Systems Change

- Remove milkweed from the list of noxious plants in city weed / landscaping ordinances (if applicable).
- Change weed or mowing ordinances to allow for native prairie and plant habitats.
- Increase the percentage of native plants, shrubs and trees that must be used in city landscaping ordinances and encourage use of milkweed, where appropriate.
- Launch, expand, or continue an effort to change municipal planting ordinances and practices to include more native milkweed and native nectar producing plants at city properties.
- Reduce or eliminate the use of herbicides, pesticides, or other chemicals that are harmful to monarchs and pollinators and urban wildlife.
- Launch, expand, or continue one or more ordinances to reduce light pollution to benefit urban wildlife.

Past Pledge Archive

Mayor Name	Program Year	Pledge Date	Achievement
Mayor Samuel Bigham	2026	1/8/2026	
Mayor Stacie Riley	2025	12/11/2024	Monarch Champions
Mayor Stacie Riley	2024	12/5/2023	Monarch Champions
Mayor Stacie Riley	2023	12/8/2022	Monarch Champions
Mayor Stacie Riley	2022	12/15/2021	Monarch Champions

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Mayor Stacie Riley	2021	3/29/2021	Leadership Circle

Action Items

In total, how many individuals have been reached through the Mayors' Monarch Pledge in your community this year (Jan-Dec)? Please limit your answer to only the number of individuals reached in the answer field below (Enter WHOLE NUMBERS only.).

8134

Of the total number of individuals engaged, how many youth (0-18) were reached through the Mayors' Monarch Pledge in your community this year (Jan. - Dec.)? If none, please write 0." (Enter WHOLE NUMBERS only.)

Youth = 1,301 and adult = 6,784

In total, how many acres of monarch habitat have been created in your city in the last 12 months? Please limit your answer to only the number of acres in the answer field below (e.g., 3). Note: 1 acre = roughly the size of a football field.

2

Where was the habitat created this year? Example locations may include residences, schools, places of worship, rights-of-way, roadsides, community gardens, shared public spaces, and more.

Carnegie Borough Building, Carnegie Municipal Park, East and West Main Parking Lot Medians, Parklet on East and West Main Streets, Empty Lot on West Main, and private lawns.

How are you leveraging the Mayors' Monarch Pledge program to engage marginalized communities, such as low-income communities or communities of color?

Our butterfly festival took place at the farmers market where Fresh Access enables shoppers to use SNAP benefits. Two of Carnegie's three census tracts are distressed. All events took place at walkable locations.

What was your community's motivation for taking and continuing to work on the Mayors' Monarch Pledge?

Increased community interest as well as the Shade Tree Commission and Mayor Riley.

What resources have been most helpful to you thus far and what new resources would you like to see to help meet your goals? What resources would be useful to help expand equitable engagement in community processes and access to high-quality, usable nature?

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NWF's online resources, webinars, meetings, and grants for plants

What else should we know about your monarch butterfly conservation efforts over the last year?

We were so happy again this year to find even more interest from all community segments including residents of all ages and the business community.

Selected Action Items

Issue a proclamation to raise awareness about the decline of the monarch butterfly and the species' need for habitat. This proclamation must incorporate a focus on monarch conservation.

Date of Proclamation:

July 11, 2022

Title of Proclamation (i.e. – Monarch Day or Pollinator Week):

"MAYORS' MONARCH PLEDGE DAY" IN THE BOROUGH OF CARNEGIE

Upload a copy of your proclamation.

proclamation2022-compressed-signed3.pdf

Create a community art project to enhance and promote monarch and pollinator conservation as well as cultural awareness and recognition.

What community organizations, groups, or leaders (if any) did you partner with or engage to host the event?

Shade Tree Commission, Bishop Canevin High School Art Teacher and Students

How many individuals were engaged in this effort? Please limit your answer to only the number of individuals reached in the answer field (Enter WHOLE NUMBERS only, e.g. 50).

12

Please describe the community art project that was implemented in your community and how it contributed to cultural awareness and recognition (e.g., number of art installations, type of art).

Artist and Shade Tree Commission member Alicia Kesneck designed Monarch Butterfly Sculpture Pieces using recycled materials installed in the East Main Parking Lot Rain

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Garden. Alicia turned trash into treasure by creating pieces with Bishop Canevin students: Kelsey Adamski, Ayla Altman, Miriam Hardy, Addison Hillebrand, Gretchen Klauss, Alexis Leppert-Bell, Emily Maida, Clare Ruffing, and Hannah Zurbola. https://carnegieborough.com/heart/rain_garden.html

Host or support a native seed or plant sale, giveaway or swap.

Upload any relevant documents, images, or other attachments related to your effort on this action.

ButterflyFestivalImage.jpg

Upload any relevant documents, images, or other attachments related to your effort on this action.

butterfly-festival2022-7-20-22-compressed1.pdf

Upload any relevant documents, images, or other attachments related to your effort on this action.

ButterflyFestivalAFrame.pdf

How many plants were sold and/or given away at your event? (Enter WHOLE NUMBERS only)

450

How many people attended your event? (Enter WHOLE NUMBERS only)

1000

What community organizations, groups, or leaders (if any) did you partner with or engage to host the event?

Shade Tree Commission, Carnegie Elementary PTA, Artist Alicia Kesneck, Mayor Stacie Riley

Launch or maintain a public communication effort to encourage residents to plant monarch gardens at their homes or in their neighborhoods. (If you have community members who speak a language other than English, we encourage you to also communicate in that language; Champion Pledges must communicate in that language.)

Upload any relevant documents, images, or other attachments related to your effort on this action.

MonarchBookletOutside.jpg

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Upload any relevant documents, images, or other attachments related to your effort on this action.

MonarchBookletInside.jpg

Upload any relevant documents, images, or other attachments related to your effort on this action.

Monarch-Information1.pdf

Upload any relevant documents, images, or other attachments related to your effort on this action.

Monarch-Information2.pdf

Please describe the methods of public communication below (e.g., printed materials, social media, print media).

Communications are made through printed materials available at the borough building, library historical society, local businesses; social media - Facebook, NextDoor; online event listings; print publications Pittsburgh City Paper and Pittsburgh Magazine, as well as flyers sent to the school district and private schools. Methods completed by borough administration and junior council. Monarch Butterfly booklets were passed out at our Butterfly Festival in July and native plant and milkweed care sheets at our June Community Milkweed Distribution event at the borough building in June. A-Frame signs were on display at the Monarch Butterfly Festival and Earth Day at the library.

Engage with community garden groups and urge them to plant native milkweeds and nectar-producing plants.

Upload any relevant documents, images, or other attachments related to your effort on this action.

BoroughButterflyGarden.pdf

Please describe the groups you engaged with and how you engaged with these groups below.

Added a butterfly garden through the Shade Tree Commission and volunteers at the Carnegie Borough Building in May and June. This is the location of the June Milkweed Giveaway to residents.

Engage with city parks and recreation, public works, sustainability, and other relevant staff to identify opportunities to revise and maintain mowing programs and milkweed / native nectar plant planting programs.

How many community organizations and groups participated? Please list them below.

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Carnegie Shade Tree Commission Western Pennsylvania Conservancy

Please describe the extent of engagement with these groups and revisions/maintenance implemented for mowing or planting programs.

The Shade Tree Commission planted milkweed in our East and West Main Street Rain Gardens, Parklets on East and West Main Street, a new monarch garden at the borough building, Carnegie Park Rain Gardens, and various public spaces between April-June. They continued discussions on garden maintenance with Carnegie Public Works Department. Members of the department completed maintenance in September directed by a maintenance plan created last year with input from our Shade Tree Commission, Western PA Conservancy, and Landforce. http://www.carnegieborough.com/documents/Stormwater-ManagementBioretention-ParkingLots2.pdf

Engage with gardening leaders and partners (e.g., Master Naturalists, Master Gardeners, Nature Centers, Native Plant Society Chapters , other long-standing and influential community leaders) to support monarch butterfly conservation.

How many community organizations and groups participated? Please list them below.

Carnegie Shade Tree Commission Western PA Conservancy - Tree Vitalize

Please describe the extent of engagement with these groups and their monarch butterfly conservation efforts.

Several discussions with Shade Tree members on native plants, milkweed, maintenance education and pollinator habitat conservation with Mayor Riley, borough administration, public works department, and residents. Thirteen trees were planted near pollinator gardens by WPC and the Shade Tree Commission in July.

Plant or maintain a monarch and pollinator-friendly demonstration garden at City Hall or another prominent or culturally significant community location.

Where is the demonstration garden located and how does this location relate to the cultural significance of the monarch (if relevant)? (Please provide an address or coordinates, if possible)

Carnegie Borough Building

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

Carnegie Shade Tree Commission, Borough Manager and Administration

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What is the size of the demonstration garden (in acres)? Please limit your answer to only the number of acres in the answer field below (e.g., 0.5 acres). For reference, 1 acre = 43,560 square feet and is about the size of a football field without the end zones. Note: 1 acre = roughly the size of a football field.

0.02

Convert vacant lots to monarch habitat.

Where is the monarch habitat located? (Please provide an address, if possible)

West Main Street next to the Historical Society

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

Shade Tree Commission, Carnegie Community Development Corporation, and Carnegie Historical Society

What is the total acreage of land that has been converted? Please limit your answer to only the number of acres in the answer field below (e.g., 2 acres). For reference, 1 acre = 43,560 square feet and is about the size of a football field without the end zones. Note: 1 acre = roughly the size of a football field.

.18

How many lots were converted to monarch habitat? Please limit your answer to only the number of lots in the answer field below (e.g., 3)

1

Please describe when the lots were converted to monarch habitat and the planned maintenance schedule.

During early spring several butterfly bushes, native plants, and milkweed were planted in 1 of 3 empty lots located next to each other.

Launch, expand, or continue one or more ordinances to reduce light pollution to benefit urban wildlife.

Upload any relevant documents, images, or other attachments related to your effort on this action.

Carnegie_Zoning_Ordinance-FINAL.pdf

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

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Carnegie Borough Council, Code Enforcement, Planning Commission, Mayor

What is the status of this action? Please limit your answer to either "complete" or "in progress" in the answer field below.

complete

If this action is Complete, please include the date it was completed and share a 1-2 sentence description. Please include a copy of the policy by uploading or linking below.

November 13, 2017 - Page 26-27

Reduce or eliminate the use of herbicides, pesticides, or other chemicals that are harmful to monarchs and pollinators and urban wildlife.

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

Shade Tree Commission, Department of Public Works, Mayor Riley, Carnegie Borough Council

What is the status of this action? Please limit your answer to either "complete" or "in progress" in the answer field below.

complete

If this action is Complete, please include the date it was completed and share a 1-2 sentence description. Please include a copy of the policy by uploading or linking below.

Meetings between Shade Tree Commission and Public Works revealed that harmful chemicals were already not being used.

Increase the percentage of native plants, shrubs and trees that must be used in city landscaping ordinances and encourage use of milkweed, where appropriate.

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

Shade Tree Commission, Climate Action Task Force

What is the status of this action? Please limit your answer to either "complete" or "in progress" in the answer field below.

in progress

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If this action is In Progress, please describe your progress and a target date when you plan to complete action.

Mayor Riley and the borough manager are currently discussing how to implement this ordinance in 2023 and working with code enforcement and the planning commission.

Launch, expand, or continue an effort to change municipal planting ordinances and practices to include more native milkweed and native nectar producing plants at city properties.

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

Shade Tree Commission, Climate Action Task Force, Department of Public Works, Mayor Riley

What is the status of this action? Please limit your answer to either "complete" or "in progress" in the answer field below.

complete

If this action is Complete, please include the date it was completed and share a 1-2 sentence description. Please include a copy of the policy by uploading or linking below.

October, 2021 - https://carnegieborough.com/documents/Stormwater-Management-Bioretention-ParkingLots2.pdf

Change weed or mowing ordinances to allow for native prairie and plant habitats.

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

The Shade Tree Commission, Land Force and the Western PA Conservancy collaborated to create a rain and butterfly garden maintenance plan and met with Carnegie's public works department to review the plan.

What is the status of this action? Please limit your answer to either "complete" or "in progress" in the answer field below.

complete

If this action is Complete, please include the date it was completed and share a 1-2 sentence description. Please include a copy of the policy by uploading or linking below.

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October 22, 2021 - http://www.carnegieborough.com/documents/Stormwater-ManagementBioretention-ParkingLots2.pdf

Remove milkweed from the list of noxious plants in city weed / landscaping ordinances (if applicable).

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

Shade Tree Commission

What is the status of this action? Please limit your answer to either "complete" or "in progress" in the answer field below.

complete

If this action is Complete, please include the date it was completed and share a 1-2 sentence description. Please include a copy of the policy by uploading or linking below.

The Borough of Carnegie does not have a noxious plant list

Host or support a monarch butterfly festival that is accessible to all residents in the community and promotes monarch and pollinator conservation, as well as cultural awareness and recognition.

How many estimated individuals attended the event? Please limit your answer to only the number of individuals reached in the answer field ((Enter WHOLE NUMBERS only), e.g. 500)

1000

What was the date of your festival?

July 31, 2022

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

Carnegie Shade Tree Commission, Carnegie Elementary PTA, Artist Alicia Kesneck, Mayor Stacie Riley, Climate Action Task Force

Please describe the details of your monarch butterfly festival and how you ensured the event was accessible by all residents in the community (e.g., events, length, notable successes, outreach, location).

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Our Monarch Butterfly Festival took place during our Farmers Market on July 31, 2022 from noon to 3:00pm. Over 450 native nectars and packets of milkweed seeds were given to attendees along with watering cans, and watering globes by the Carnegie Shade Tree Commission and volunteers. Artist Alicia Kesneck painted butterflies on paper and canvas, created chalk art with children, and handed out coloring books and crayons. The Carnegie PTA had monarch inspired souvenirs and provided monarch butterfly face painting. Mayor Stacie Riley and State Rep Anita Kulik were in attendance to answer questions and discuss monarch butterfly conservation with attendees. A-Frames with educational information were available. Local news crews from KDKA and WTAE interviewed Mayor Riley. The festival took place next to the Monarch Butterfly Public Art Project so attendees were able to take a close look at the art. The location was in a flat parking lot with 6 handicap spaces next to the East Main Street Farmers Market, a walkable distance for most residents. Pictures and information https://carnegieborough.com/monarch/

Launch, expand, or continue an invasive species removal program that will support the re-establishment of native habitat for monarch butterflies and other pollinators.

What is the total acreage of land treated to remove invasive plants? Note: 1 acre = roughly the size of a football field.

2

Please describe the extent of revisions or maintenance to invasive species removal programs, as well as the practices or techniques used to remove the invasive plants.

Department of public works has been removing poison sumac, oak and ivy from public rain and butterfly gardens since late spring, throughout the summer and into the fall.

Add or maintain native milkweed and nectar-producing plants in gardens in the community.

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

Shade Tree Commission

How many plants were planted? (Enter WHOLE NUMBERS only)

300

Please describe your effort in completing this action.

More than 300 milkweed plants were planted in public spaces and many were also given to residents who planted them on their private property. Public Space Milkweed Map https://www.google.com/maps/d/edit?mid=1d2UyKBpv_-oGzCuHy6t3NfTbrfk6wks&ll=40.40704770976776%2C-80.08706875003051&z=16

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Display educational signage at monarch gardens and pollinator habitat.

How many garden signs are being displayed and where are they located? (Enter WHOLE NUMBERS only)

3

Please describe the educational information on the sign(s), and provide any links to externally purchased sign(s).

Dog Park Rain Garden - complete Skatepark Rain Garden - in progress East Main Rain Garden - in progress

Launch or maintain an outdoor education program(s) (e.g., at schools, after-school programs, community centers and groups) that builds awareness and creates habitat by engaging students, educators, and the community in planting native milkweed and pollinator-friendly native nectar plants (i.e., National Wildlife Federation's Schoolyard Habitats program and Monarch Mission curriculum).

What program was launched or maintained to complete this effort? If you are involved with another National Wildlife Federation program, please mention that below. (Please include a link to the program, if possible)

Milkweed Plant Giveaway and Monarch Butterfly Creative Competition

How many schools, community groups, leaders, or centers were engaged in this effort? How many of these collaborations and partnerships are "new"? (Enter WHOLE NUMBERS only)

3

Please list the names of the schools you are working with.

Carlynton High School Bishop Canevin High School Carnegie Elementary Creative Competition Winner - https://carnegieborough.com/documents/LeslieRwigyemaPoem1-Compressed.pdf Pictures at https://carnegieborough.com/monarch/

What resources, if any, are you providing to educators?

Virtual Classrooms and outdoor gardens, printed and digital material.

How many students and educators would you estimate are being reached? Please limit your answer to only number of adults and youths engaged in the answer field (e.g., 200 students and 20 educators).

300 students 6 educators

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What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

Shade Tree Commission, Climate Action Task Force, Carlynton School District, Bishop Canevin High School, Junior Council

How many acres of monarch and pollinator habitat have been planted through this effort? Please limit your answer to only the number of acres in the answer field below (e.g., 0.5 acres). For reference, 1 acre = 43,560 square feet and is about the size of a football field without the end zones. Note: 1 acre = roughly the size of a football field.

2

What is the maintenance schedule to ensure planted habitat is maintained?

http://www.carnegieborough.com/documents/Stormwater-Management-Bioretention-ParkingLots2.pdf

Facilitate or support a milkweed seed collection and propagation effort.

How many people attended your event? (Enter WHOLE NUMBERS only)

120

What species were collected or propagated?

Common Milkweed, Swamp Milkweed

What community organizations, groups, or leaders (if any) did you partner with or engage to host the event?

Shade Tree Commission

Please describe the milkweed seed collection and propagation effort that you hosted.

120 residents attended a milkweed plant giveaway where they were instructed how and when to collect the seeds and when to replant. This project is in progress.

Create a community-driven educational conservation strategy, initiative, or practice that focuses on and benefits local, underserved residents.

Upload any relevant documents, images, or other attachments related to your effort on this action.

2022-2023 CEP Site FreeLunch Eligibility - Carlynton.pdf

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Please describe the process to create the strategy , the strategy goals and content, and/or results of implementation. Please also identify who was engaged in this process, what partnerships were established, and how you engaged these groups. Provide a link, if possible.

http://www.carnegieborough.com/raingarden/ http://www.carnegieborough.com/monarch/ Our virtual classrooms were developed by administration, junior council, the Shade Tree Commission, and Mayor Riley. Our goal is to educate the community on the importance of habitat creation, native plants, beneficial pollinators, and stormwater management. Currently we have engaged students at Carnegie Elementary and the community at the Monarch Butterfly Festival and Earth Day at the Library. We have plans to continue that engagement along with translations into Ukrainian, Arabic, and Spanish. We just sworn in a junior councilperson who is Ukrainian-born and fluent. Using the Environmental Justice Areas Viewer tool, we've identified Census Tract 4689, located entirely within the Borough of Carnegie as an Environmental Justice Area with 30% Poverty and 19% Minority populations. The total population for this tract is 3,641. Census tracts 4688 (population 2,553) and 4687 (population 1,538) also entirely located within the Borough of Carnegie are not EJ areas. Carlynton School District - Attached is documentation from Carlynton School District showing that all students are eligible for the free/reduced lunch program. Our Monarch Education Program was made available to all Carlynton students. Elementary teachers and high school teachers used https://www.carnegieborough.com/monarch in their classrooms for exposure specifically to at least 400 students. Our mayor, administrative staff, and shade tree commission participated in monarch education activities at the Library's Earth Day celebration where close to 1,000 visitors attended. Our Monarch Education Program is available to all Carnegie residents through https://www.carnegieborough.com/monarch that was promoted through our website and social media, as well as events held by the Shade Tree Commission and the library. The Andrew Carnegie Free Library's programs and events specifically target low-income and immigrant communities, children, and seniors. They provide free internet access to residents who are unable to afford at-home service. The Shade Tree Commission held two milkweed giveaway events that were promoted on social media and our website targeting all residents of all abilities and incomes. Our annual Butterfly Festival took place in a parking lot adjacent to our Farmers Market. Each week, the Farmers Market draws hundreds of low-income and senior shoppers who utilize community bucks and SNAP benefits through Fresh Access and senior coupons. All shoppers had easy and ADA access to the Butterfly Festival from the Farmers Market. This location is also a short walking distance from a HUD building and two senior buildings.

Plant milkweed and pollinator-friendly native nectar plants along roadsides, medians, or public rights-of-way.

Where are the medians, roadsides and public rights-of-way? (Please provide an address or coordinates, if possible, or describe the location)

The Shade Tree Commission and volunteers planted periodically throughout the spring and with their help borough administration created a milkweed map for the community. Skatepark Rain Garden Veterans Memorial at Carnegie Park Behind Outer Fence at Dog Park East Main Rain Garden medians East Main Parklet right of way Lot Next to Historical Society West Main Parklet right of way Carnegie Borough Building Plants include: Coneflowers, Cardinal Flowers, Mexican Sunflowers, Blue Mistflower, New England Asters,

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Salvia, Hyssop, English Lavender, Spanish Lavender, Common Milkweed, Swamp Milkweed, Showy Milkweed https://www.google.com/maps/d/edit?mid=1d2UyKBpv_-oGzCuHy6t3NfTbrfk6wks&ll=40.40528096975207%2C-80.08301325&z=16

How many milkweed and pollinator-friendly native nectar plants were planted? (Enter WHOLE NUMBERS only)

500

What is the total acreage of median and public right-of-way that has been planted with milkweed and pollinator-friendly native nectar plants? Note: 1 acre = roughly the size of a football field.

2

Please describe the maintenance schedule for these planted areas.

Carnegie Department of Public Works Page 9-14 https://carnegieborough.com/documents/Stormwater-Management-Bioretention-ParkingLots2.pdf

Earn or maintain recognition for being a wildlife-friendly city by participating in other wildlife and habitat conservation efforts (i.e., National Wildlife Federation's Community Wildlife Habitat program).

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

Carnegie Shade Tree Commission

What program was launched or maintained to complete this effort? (Please include a link to the program, if possible)

We are working with the Shade Tree Commission to complete action items for the National Wildlife Federations Community Wildlife Habitat application

Host or support a monarch neighborhood challenge to engage neighborhoods and homeowners' associations within the community to increase awareness, support community unity around a common mission, and/or create habitat for the monarch butterfly.

How many estimated individuals participated in your challenge? Please limit your answer to only the number of individuals reached in the answer field (Enter WHOLE NUMBERS only, e.g. 100).

120

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What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

Shade Tree Commission

When did this challenge take place?

June, 2022

What is the total acreage of habitat created? Please limit your answer to only the number of acres in the answer field below (e.g., 2 acres). For reference, 1 acre = 43,560 square feet and is about the size of a football field without the end zones. Note: 1 acre = roughly the size of a football field.

.01

Please describe your challenge and the results.

Residents attended a milkweed seed giveaway and helped the Shade Tree Commission and volunteers plant a butterfly garden at the borough building. Recipients were challenged to monitor milkweed they planted at home and report to the Shade Tree Commission when eggs, caterpillars, and monarchs appear. Members of the Shade Tree Commission report that many of the milkweed recipients reported the numerous stages throughout the summer.

Initiate or support community science (or citizen science) efforts that help monitor monarch migration and health.

How many estimated individuals participated in your community science effort? Please limit your answer to only the number of individuals reached in the answer field (Enter WHOLE NUMBERS only, e.g. 150).

500

What community organizations, groups, or leaders (if any) did you partner with or engage to complete this effort?

Carnegie Elementary, Carnegie Library, Carnegie Shade Tree Commission and the community at large

Please describe the community science program that you supported or initiated. Provide a link to any relevant programs, if possible.

http://www.carnegieborough.com/raingarden/ Mayor Riley, administrative borough staff, and the Shade Tree Commission supplied educational material and art projects to promote monarch butterfly conservation at the Carnegie Library Earth Day Celebration (Saturday, April 23, 2022) at the Carnegie Library. http://www.carnegieborough.com/monarch/ The Shade Tree Commission, Mayor Riley, and volunteers provided educational information on

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milkweed and handed out milkweed seeds, native nectars, watering cans, watering bulbs at our Monarch Butterfly Festival held on July 31, 2022. Both events included art projects, face painting, environment-themed coloring books and crayons. Attendees were encouraged to watch for monarchs and many have reported to borough staff and the Shade Tree Commission on their findings.

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