
Reviving Nature's Narrative

Leveraging Libraries for
Rewilding Initiatives

Welcome & Happy Earth Day!

happy earth day!



Please tell us your name, organization and location in the chat.
This webinar will be recorded and sent in a follow up email tomorrow.

Partners & Presenters

scistarter
Science we can do together.

hhmi | **Tangled
Bank
Studios**

STAR★*net*
Science-Technology Activities &
Resources For Libraries

WHAT IS CITIZEN SCIENCE?

It's also referred to as community science, participatory research and open science.

A global movement that enables people from all walks of life to **collaborate** with scientists by participating in real **scientific research**.

It's how people can **make an impact** on issues they care about!

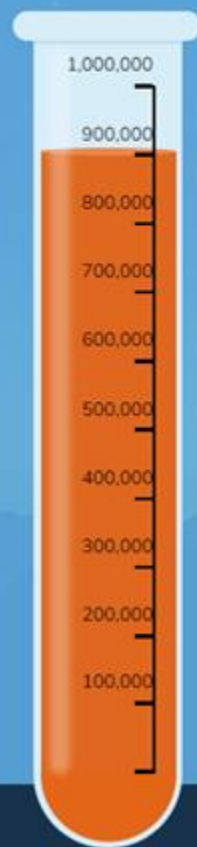
ONE MILLION ACTS OF SCIENCE

— CITIZEN SCIENCE MONTH —

Get Involved Now!
Only 9 Days Left!

[GET INVOLVED »](#)

[REPORT ACTS »](#)



April 22
896,075



ONE MILLION
ACTS OF SCIENCE
— CITIZEN SCIENCE MONTH —
APRIL

*What have you been doing to participate in
citizen science this month?*

HHMI Tangled Bank & WILD HOPE



HHMI Tangled Bank Studios has been producing science documentaries and running community-based science impact for 10 years. Topics range from ecology to public health and beyond.

WILD HOPE launched in July 2023 to bring attention to the the stories of changemakers and scientists that are reversing the loss of biodiversity and inspiring hope for the future of life on the planet.

WILD HOPE

- Episodes release globally twice monthly on YouTube, with PBS Nature, and on *WildHope.tv*
- Episodes run 8-15 minutes and are released with social media resources, opportunities for impact, and educational classroom materials – and it's all FREE!
- Our stories are global and feature some of the largest-ever efforts of biodiversity recovery



SciStarter.org/WildHope

Partnership with SciStarter to showcase citizen science projects that build on the Wild Hope episode themes!



Why Rewilding?



“**Rewilding** is a form of ecological restoration aimed at increasing biodiversity and restoring natural processes.”

“It differs from other forms of ecological restoration in that rewilding aspires to reduce human influence on ecosystems.”

Native Plant Gardening



Get Active & Start Rewilding!

- Short video in both English and Spanish, released on YouTube and Facebook by SciStarter.
- Science education materials produced by StarNet:
 - Library Facilitation Guides (English and Spanish)
 - Activities for rewilding, crafting a garden sign, or running a bioblitz
- Opportunities for community science:
 - Contributing to the *We Are the ARK* global network
 - Conducting bioblitzes through iNaturalist
- Evaluation with library participants to collect information on the project and inform future backyard rewilding and science engagement projects



For Patrons: A Guide to Help Nature Reclaim its Space

STEP 1.

Identify a plot of land to "rewild."



STEP 2.

Display a sign.



STEP 3.

Set the seeds free!



For Patrons: A Guide to Help Nature Reclaim its Space

STEP 4.

Break down barriers.



STEP 5.

Embrace the 'messiness.'



STEP 6.

Consider the lighting.



For Patrons: A Guide to Help Nature Reclaim its Space

STEP 7.

Sit back and enjoy – and spread the word!



For Patrons: A Guide to Help Nature Reclaim its Space

Glossary

Ark

- * **Act of Restorative Kindness** to the Earth. The Ark concept was founded by Mary Reynolds and is one example of how to "rewild" an area of land.

Biodiversity

- * The variety and variability of life forms found within a particular ecosystem. It is essential for maintaining the stability and resilience of ecosystems.

Native Plants

- * Species that have existed historically in a region that are adapted to the climate and soil conditions of that area.

Non-Native Plants

- * Species that live in regions where they did not historically or naturally exist, often brought there either intentionally or accidentally by humans.

Invasive Plants

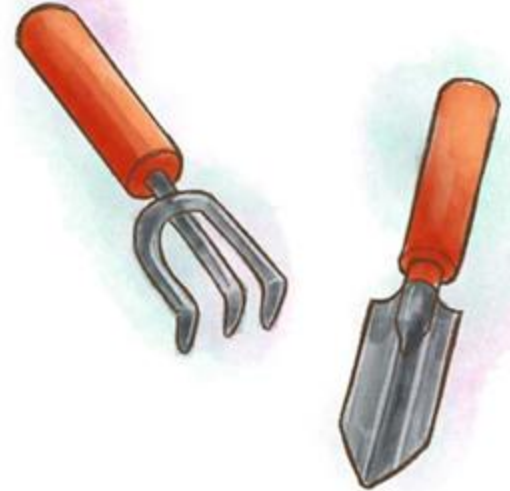
- * Species that are non-native to the area whose introduction causes harm to the ecosystem, such as outcompeting native species for resources, altering soil composition, and reducing biodiversity.

Rewild

- * The progressive natural restoration processes an area of land goes through when left alone, or with restorative acts from humans such as removing invasive species and propagating native species.

Help Nature Reclaim its Space: Library Facilitation Guide

- Instructions for screening the video [Become a Guardian of Nature! Learn to Rewild with Native Plants](#)
- Discussion prompts
- Option for “rewilding” an outdoor space at the library or native soil in planter containers
- Resources for identifying native and invasive plant species
- Activity extensions to continue engaging visitors in rewilding efforts



Create a Sign for Your Rewilding Project



Let others know how you are helping to restore nature

- Video screening and discussion prompts
- Libraries can create a sign for a patch of land on their grounds or host a program for community members to build a sign for their own patch of land.
- Includes material suggestions and sign-building instructions

Citizen Science Connections

Document plants and animals near you.



THE GREAT SUNFLOWER PROJECT
Watch a plant, record pollinators, report online.

📍 Anywhere



INATURALIST
iNat identifies plants and animals around you.

📍 Anywhere



INSTANT WILD
Help ID wildlife in camera trap images.

📍 Anywhere



FROGWATCH USA™
Report the calls of local frogs and toads.

📍 United States

Find more projects at SciStarter.org/wildhope

Restoring and Rewilding Patches of Nature



Monitor new biodiversity in your ARK with iNaturalist.

SciStarter.org/WildHope

iNaturalist ARK project

Who you are

You'll need to make an **iNaturalist account** and please only post your own personal observations



Where you saw it

Record both the coordinates of the encounter as well as their accuracy. You can obscure the location from the public



What you saw

Choose a group of organisms like **butterflies** or better yet a specific organism like the **Monarch butterfly**. If you provide evidence you can leave this blank and the **community** can help



When you saw it

Record the date of your encounter, not the date you post it to iNaturalist



Evidence of what you saw

By including evidence like a **photo** or **sound**, the community can help add, improve, or confirm the identification of the organism you encountered. Help the community by taking clear well framed photos, by including multiple photos from different angles



Monitor new biodiversity in your ARK with iNaturalist.

[SciStarter.org/WildHope](https://www.scistarter.org/WildHope)

SciStarter Resources for Libraries

- Editable Slide Deck & Facilitator Guide
- STEM Activity Clearinghouse
- Promotional Materials
- Kit Building Guides
- Event Recipe Cards
- Social Media Toolkit



SciStarter.org/library-resources

Bioblitz at the Library: Celebrating Biodiversity

- Observations can be taken outdoors, through a window, or at a community partner's site.
- Includes resources for identifying plant and animal species.
- Instructions for an "Observation Warm-Up" and data collection
- Includes extensions to make this an ongoing program or passive program.

Program Materials:

* Observation Sheets



* Field guides for trees, plants, insects, birds, and animals from your area



* (Optional) Clipboards



* (Optional) Smart phone or tablet



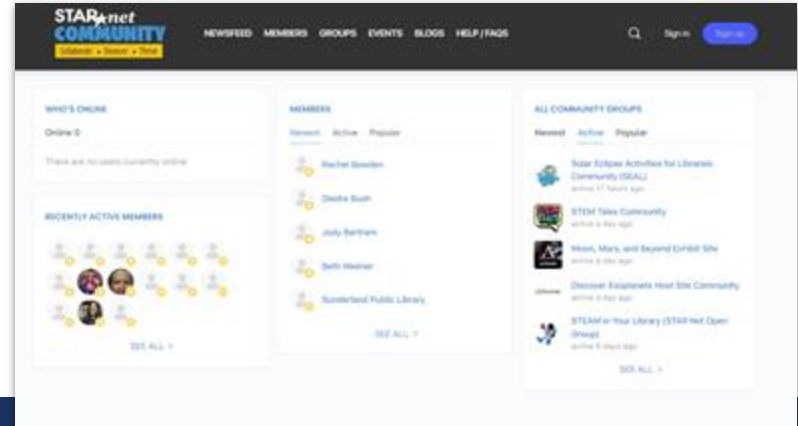
* Pencils, pens, crayons, markers



Join Our Networks



SciStarter.org/library-network



<https://community.starnetlibraries.org>

Contribute to One Million Acts of Science

Act

Participate in a **citizen science project** or SciStarter webinar

Host an event or program that supports your library users in participating in citizen science

Report

Complete the simple **reporting form** to report your Acts, including those of your event participants

Share

Take pictures of your activities and share on social media. Tag **@SciStarter** and use **#OneMillionActsofScience** for a chance to be live on citizensciencemonth.org.

Visit CitizenScienceMonth.org for more information.

Upcoming Opportunities

Flyways Watch Party

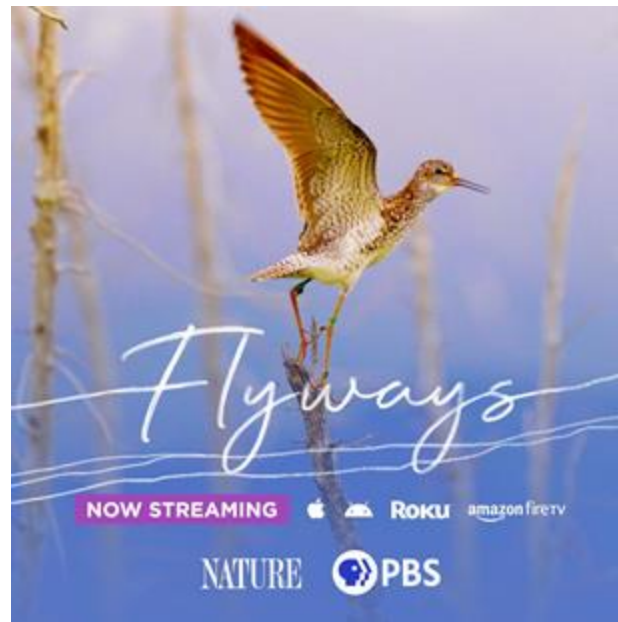
Friday, April 26 from 5:00 PM - 7:00 PM EST

Join to hear about a mini-grant opportunity for libraries!

National Girls Collaborative Project Celebrates Citizen Science Month

Tuesday, April 30 from 3:00 PM - 4:00 PM EST

Hear from a university and library engaging in citizen science efforts!



Thank you!

