

Human Impact Lab: Earth Day Backyard Bioblitz!

Loggerhead Marinelifelife Center

Loggerhead Marinelifelife Center is an ocean conservation organization and sea turtle hospital located adjacent to one of the most important sea turtle nesting beaches in the world. The Center features an on-site campus hospital, research laboratory, educational exhibits and aquariums, and also operates the Juno Beach Pier, which hosts world-class angling and sightseeing. The Center's conservation team works with 76 local and international organizations across six continents to form partnerships and share conservation initiatives and best practices that are core to its mission of ocean conservation. The Center is expanding and has launched its Waves of Progress capital expansion campaign, designed to accelerate and amplify LMC's conservation and education impact.

Our mission is to promote conservation of ocean ecosystems with a special focus on threatened and endangered sea turtles. Our vision is to be recognized locally and internationally as the leading authority in sea turtle education, research and rehabilitation.



Lesson Objectives

- I participated in a local citizen science effort to record plant and animal species
- I can identify local native plants and animals
- I can explain why it is important to record species for a given place and time

Vocabulary

- Bioblitz: a citizen science effort to record as many species as possible within a designated location in a short period of time
- Native Species: plants and animals that originated and live in an area without any human intervention.
- Non-native Species: plants and animals that have been brought to their current locations by humans

Resources

- Loggerhead Marinelifelife Center Backyard Bioblitz page on iNaturalist:
<https://www.inaturalist.org/projects/loggerhead-marinelife-center-backyard-bioblitz>



Visit Marinelife.org to learn more about Loggerhead Marinelifelife Center!

Backyard Bioblitz!

Join Loggerhead Marinelifelife Center in our Earth Day Backyard Bioblitz! A *bioblitz* is a citizen science effort to record as many species as possible within a designated location in a short period of time.

Here's how YOU can join!

Step 1: Download the iNaturalist App on your smart phone or device.
Website: <https://www.inaturalist.org/>






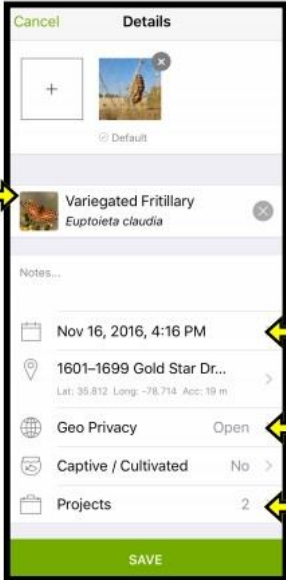
Step 2: Open the iNaturalist app to create an account. Log in to your account.

Step 3: Click the "Projects" icon on the lower right-hand side of the main screen. Use the search bar at the top of the "Projects" page to search "Loggerhead Marinelifelife Center Backyard Bioblitz".

Step 4: To add records to the Backyard Bioblitz page, you will need to join the group by clicking the "Join" button on the top left under the heading logo.

Now you're ready to record species!

Quick Guide to the iNaturalist Smartphone App

-  **1** Open the app and login to create an account.
- 2** Tap "More" then "Projects." Drag down to search for
Loggerhead Marinelifelife Center's Backyard Bioblitz and tap "Join".
- 3** Tap "Observe"

- 4** Take or choose a photo and tap "Next"

- 5** Enter observation details and tap "Save"

- 6** Click "Upload" to submit your sightings to iNaturalist!

Type in what you know about the species and click search, or browse. Click "Add" when you've gotten as close as you can, but try not to guess—leave this blank if you don't know!

Note: Images here depict the iPhone version of the iNaturalist app. The Android version is similar, but looks a little different.

Date and location will autofill if you have your location services enabled. Otherwise, click to edit your location.

Don't want everyone to see where you made your observation? Choose obscured or private to publicly obscure or hide your observation.

Choose projects to share your observation with here. You will need to add them using the "Projects" button on the home screen before you can select them here. Choose Natural North Carolina and any other projects you like!

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