GETTING INVOLVED AS A CITIZEN SCIENTIST
WITH BUTTERFLIES AND MOTHS OF NORTH AMERICA:

STEP 1: REGISTER FOR AN ACCOUNT ONLINE
On a smart device or computer, create a username and provide your email. Then click "*Create New Account*" to register and get started.

https://www.butterfliesandmoths.org/user/register

STEP 2: TAKE NEW PHOTOS OR FIND OLD ONES
Take some clear, high quality, close-up photographs of butterflies, moths, caterpillars, eggs, or pupas. You can also find older photos you took, as long as they meet the quality expectations and you know when and where they were taken.

STEP 3: SUBMIT YOUR SIGHTINGS
Click "*Submit a Sighting*" to upload your photos. Include where and when you took the photos on the submission form.

STEP 4: CHECK YOUR WORK
A regional scientist will help to identify and review your submission and add the sighting to the country-wide database

STEP 5: KEEP ADDING PHOTOS TO THE IMAGE GALLERY
Visit your *Manage My Photographs* page under the *My BAMONA* menu and suggest your best images for the gallery.

STEP UP FURTHER: HELP IDENTIFY
Use the *Contact Form* to share if you could help review sightings. Include your training, background and region.

https://www.butterfliesandmoths.org/contact

BIRMINGHAM ZOO

GETTING INVOLVED AS A CITIZEN SCIENTIST
WITH LEAFSNAP ELECTRONIC FIELD GUIDES:

STEP 1: DOWNLOAD THE APP
On a smart device, download the LeafSnap App on Google Play for Android or the App Store for iPhones or iPads. You can also visit http://leafsnap.com/ with your computer for more info.

STEP 2: TAKE A PHOTO IN AN AREA WITH WIFI CONNECTIONS
Photograph one leaf on a fully white background, and then press, "*Snap It!*" The app will automatically create your account, send the photo to the servers, and let algorithms do the rest.

STEP 3: CHANGE YOUR USERNAME AND PASSWORD
Go to the *Options* screen to change your settings for the pre-created account.

STEP 4: CHECK PLANT IDENTIFICATION & LEARN MORE
Swipe across the image or result to mark the potential match as the correct species. Continue reading to learn more about the plant you found.

STEP UP FURTHER: HELP IN COLLECTION EFFORTS OR ADD MORE FIELD PHOTOGRAPHS
Email volunteer@leafsnap.com if you feel you are an expert able to add photos and assist in future collection efforts.

BIRMINGHAM ZOO

GETTING INVOLVED AS A CITIZEN SCIENTIST
WITH INATURALIST AND SEEK:

STEP 1: REGISTER FOR AN ACCOUNT ONLINE OR IN THE APP

On a smart device or computer, create a username and password and provide your email. Then click *"Create An Account"* to register and get started.

https://www.inaturalist.org/signup

STEP 2: SUBMIT SIGHTINGS

When opening the app, you should see a list of your observations. Click the green plus icon in the bottom right corner. Choose a photo or sound recording, and add details about it including location or GPS coordinates. You can also click *What did you see?* to view identification suggestions and pick what looks best. Or, just wait for experts to chime in and identify it for you.

STEP UP FURTHER: START A MISSION OR JOIN A PROJECT

In the navigation pane on the top left corner of the app, select *Projects*. Next, select *Nearby* in the top middle pane. Browse projects, read their summaries, and select to join those that fit your location and interests. Similarly, you can select *Missions* in the navigation pane to be provided with real-time recommendations of what to look for around you.

USING SISTER APP: SEEK

Once you have iNaturalist, download and link your account to the Seek App. Check your location and *All Species* are listed at the top. Click the green camera button at the bottom and simply scan around you to let the app identify species. Try out some of the app *Challenges* to explore more or add photos of what you find.

GETTING INVOLVED AS A CITIZEN SCIENTIST
WITH CREEK CRITTERS:

STEP 1: DOWNLOAD THE APP

On a smart device, download the Creek Critters App on Google Play for Android or the App Store for iPhones or iPads. You can also visit https://anshome.org/creek-critters/ with your computer for more info.

STEP 2: COLLECT CRITTERS

Follow the step-by-step guidance in the app for collecting stream macroinvertebrates using standard ponding equipment.

STEP 3: IDENTIFY YOUR SIGHTINGS

Click *"Identify Critters"* to be walked through the dichotomous keys. Click through to identify organisms based on shells, legs, and general appearance. When confident, click *Yes I've Found __.*

STEP 4: CREATE A STREAM HEALTH REPORT

When done, review the critter list and the generated report based on your findings. Add it to the *Map* to include it with nationwide reports.

STEP 5: KEEP PONDING

Continue to identify critters at different times of the day or year. Click *My Stream Health Reports* from the main menu to compare how your water quality might change over time.

STEP UP FURTHER: SHARE YOUR RESULTS

Try out the *Alabama Water Watch* project or share your reports with your local representatives so they can ensure our waterways stay healthy.

GETTING INVOLVED AS A CITIZEN SCIENTIST
WITH EBIRD AND RELATED APPS:

STEP 1: REGISTER FOR AN ACCOUNT ONLINE OR IN THE APP

On a smart device or computer, create a username and password and provide your email. Then click "*Create Account*" to register and get started.

Create account (cornell.edu)

STEP 2: GO BIRDING

Take some clear, high quality, close-up photographs or recordings of birds. Attempt to identify them.

USING OTHER APPS: MERLIN BIRD ID & BIRDNET

Having trouble identifying your birds? Try using Merlin Bird ID or BirdNET for support. They will walk you through your observations or use sound recordings to identify the birds.

STEP 3: SUBMIT YOUR SIGHTINGS

Click the *Start* icon and share where and when you went birding, how far you traveled during the excursion, and what you saw. Include any photos or recordings gathered.

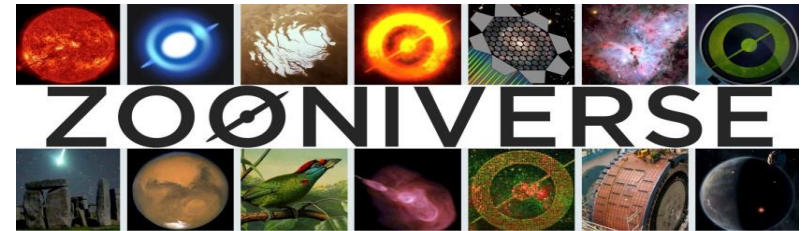### STEP UP FURTHER: COMPARE PROGRESS ACROSS THE WORLD

From the home screen, select *Checklists* or *Trips* to log more information or share your findings with others. Compare your progress to other birders, view the global map, and learn more about migration patterns, movement models, and conservation.

USING SISTER APPS: NESTWATCH, PROJECT FEEDERWATCH, & MORE

Your eBird account will automatically link to seven other projects to let you continue birding competitively, at your leisure, in apps, or online.

GETTING INVOLVED AS A CITIZEN SCIENTIST
WITH ZOONIVERSE PROJECTS:

STEP 1: SELECT A PROJECT ONLINE

Online, scroll through the wide variety of projects or search based on your interests, such as Climate, Biology, Physics, or more.

https://www.zooniverse.org/projects

STEP 2: GO THROUGH THE TUTORIAL

Click on the desired project and search for the *Get Started* section under the project banner. Click one of the project buttons below, if given choices. Once on the project page, a tutorial will guide you through basic tasks.

STEP 3: ASSIST RESEARCHERS

Complete the project tasks for as much time as you would like. Tasks range from identifying species in photos to transcribing data labels, marking satellite images, labeling cells, and more.

STEP UP FURTHER: TEST NEW PROJECTS

Option 1: On a smart device or computer, create a username and password and provide your email and name. Then click "Register" and check the box to be more involved or test new projects when available.

Option 2: You can sign up to volunteer on a project, act as a Project Moderator, or submit your research to become a Zooniverse Project.

Find extra ways to be involved by visiting:
https://www.zooniverse.org/get-involved