

<https://www.inaturalist.org/home>

**Helpful Links**

Florida Species Guide: <https://www.inaturalist.org/guides?place_id=21>

iNaturalist Help: <https://www.inaturalist.org/pages/help>

Getting started: [https://www.inaturalist.org/pages/getting+started](https://www.inaturalist.org/pages/getting%2Bstarted)

Video Tutorials: [https://www.inaturalist.org/pages/video+tutorials](https://www.inaturalist.org/pages/video%2Btutorials)

**Instructions**

***Installing the App and Joining the project***

1. Download iNaturalist on your phone (Google Play, App Store, etc.)
2. Creating an account:
	1. Open the app
	2. Click Sign Up
	3. Click use google account
	4. Use your FIU e-mail address (e.g. Stude001@fiu.edu)
	5. Use the stem of your FIU e-mail as your username (e.g. Stude001)
3. Joining a project:
	1. Click the menu in the upper left corner (it looks like 3 horizontal bars)
	2. Click Projects
	3. Click the Search Button (it looks like a magnifying glass)
	4. Search for “FIU BBC BSC 1201 Spring 2020”
	5. Select your lab section and then click Join
	6. Repeat step a. to c. but instead search for “FIU BBC BioII Lab 1201”
	7. Select Spring 2020 and click join, this will give you access to all of the observations and data for all lab sections.

***Making Observations* (*link for*** [***iPhone***](https://www.inaturalist.org/pages/getting%2Bstarted#iphone)**, *link for*** [***Android***](https://www.inaturalist.org/pages/getting%2Bstarted#android)**)**

1. Before you begin, make sure your Device Location option is turned On
2. When you are ready to collect data open the iNaturalist app.
3. To make an observation click the + symbol in bottom right corner of the screen
4. Click Take Photo
	1. You can only make an observation of 1 species at a time
5. Take a picture of the specimen you wish to make an observation of
	1. You can take multiple pictures of same specimen under a single observation
6. Click “What did you see?” to [confirm](https://www.inaturalist.org/pages/getting%2Bstarted#ident_confirm) the identification of the species
	1. This will provide a list of possible species identifications
	2. Make sure you select the correct species and not just the 1st one that pops up
7. Click the check mark in the top right corner of the screen
8. You are ready for your next observation! Repeat steps 1 – 7

Observations can also be uploading from Flickr, Facebook, etc. Instructions on how to import observations can be found here: <https://www.inaturalist.org/pages/flickr_upload>.

If you upload observations, make sure that the location information is correct.

***Exporting Your Data***

1. From your computer go to <https://www.inaturalist.org/observations/export>
2. Create a Query
	1. To select your observations, make the query using your Username or User ID
3. Choose columns
	1. This are all the columns that will be created in the spreadsheet of your data.
	2. Deselect the columns not required to analyze the data (e.g. oauth\_application\_id)
4. Geo
	1. Deselect everything except place\_guess, latitude and longitude
5. Taxon Extras
	1. Select any additional taxonomic information (e.g. class or family) if you are comparing a highly diverse set of organisms
6. Click Create export
7. Download your data

**Plant Projects**

If your group is studying the diversity of plants, you may also use [Leafsnap](http://leafsnap.com/) to take pictures and identify plant species. This app is better at identifying plants and doesn’t require the plant to be flowering in order to identify. Leafsnap can identify plants simple from its leaves. Leafsnap has already been approved by Dr. Brinn.

 **Note:** If you use Leafsnap, you still need to upload your observations (pictures and species identifications) to your lab section’s iNaturalist project.

**Other Apps**

If you find an app that is better at identifying the organisms your group is studying, you may use it at the discretion of your instructor. If you use another app to make observations, you still need to upload your observations (pictures and species identifications) to your lab section’s iNaturalist project.