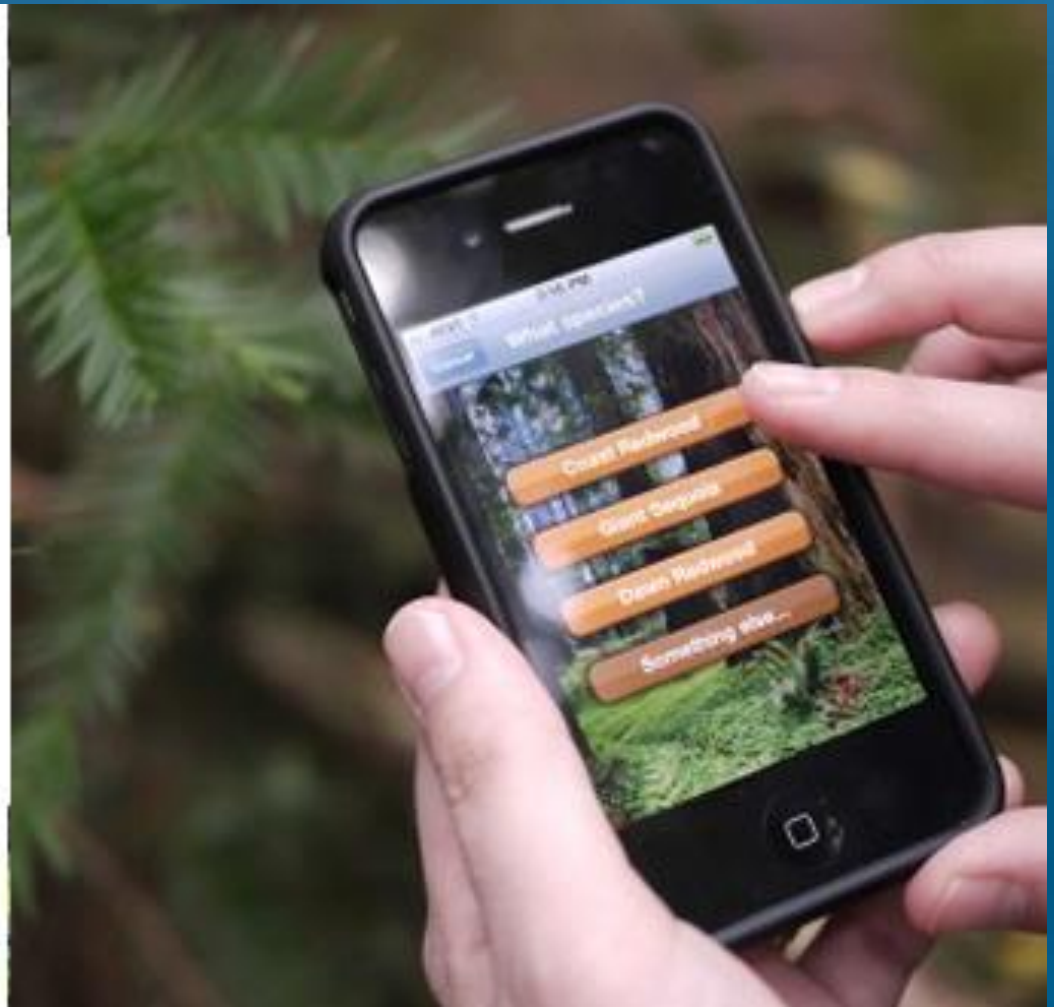
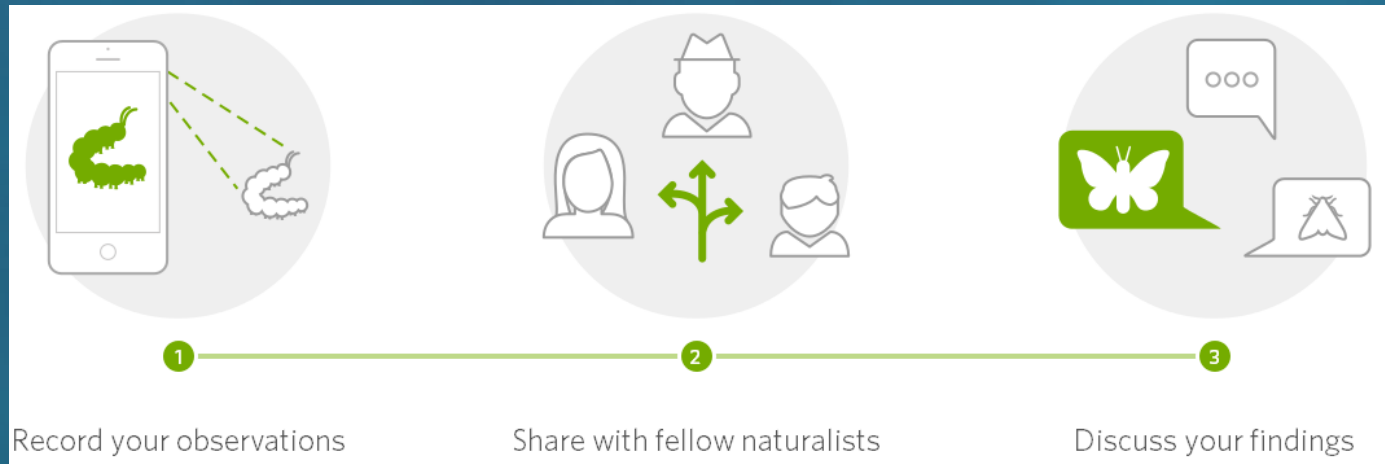


iNaturalist Training



What is iNaturalist?

- **iNaturalist is a free tool that allows people to record, share, and discuss their observations**



- **iNaturalist is designed to work on all devices**

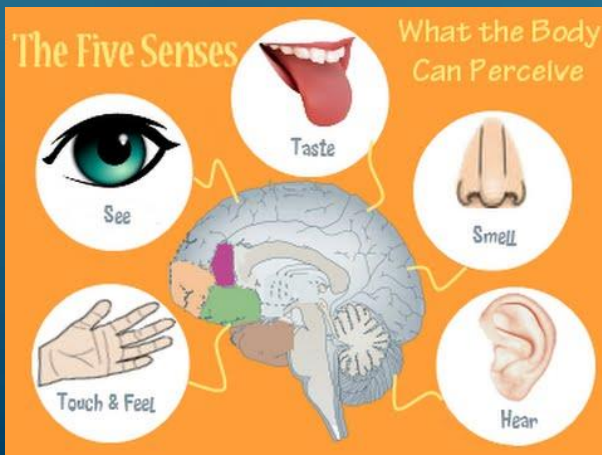


(it even works without cell reception or wifi)



What are Observations?

- A **Scientific Observation** involves using your senses &/or tools to gather & record information in order to learn more about the natural world



Types of Data to Include in Observations

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



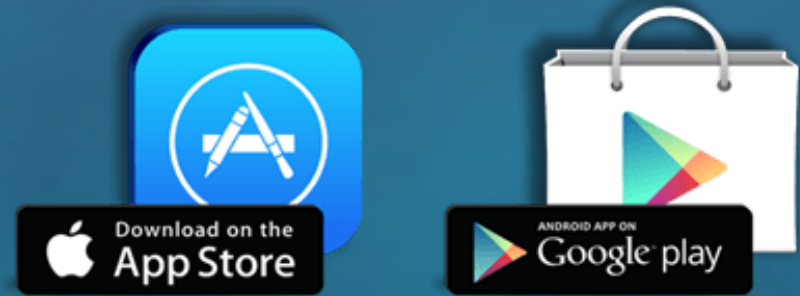
Evidence of what you saw

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

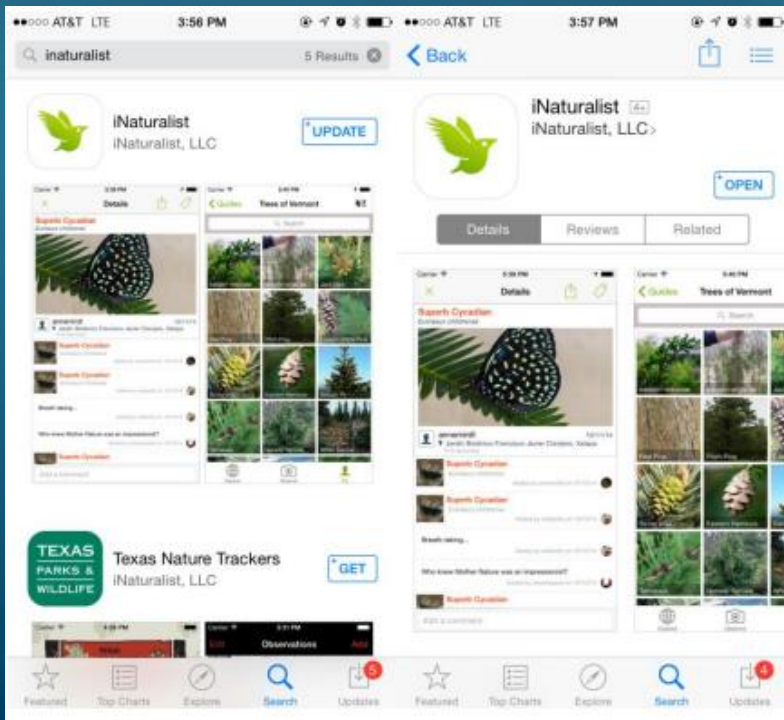


Installing iNaturalist on your Smart Device

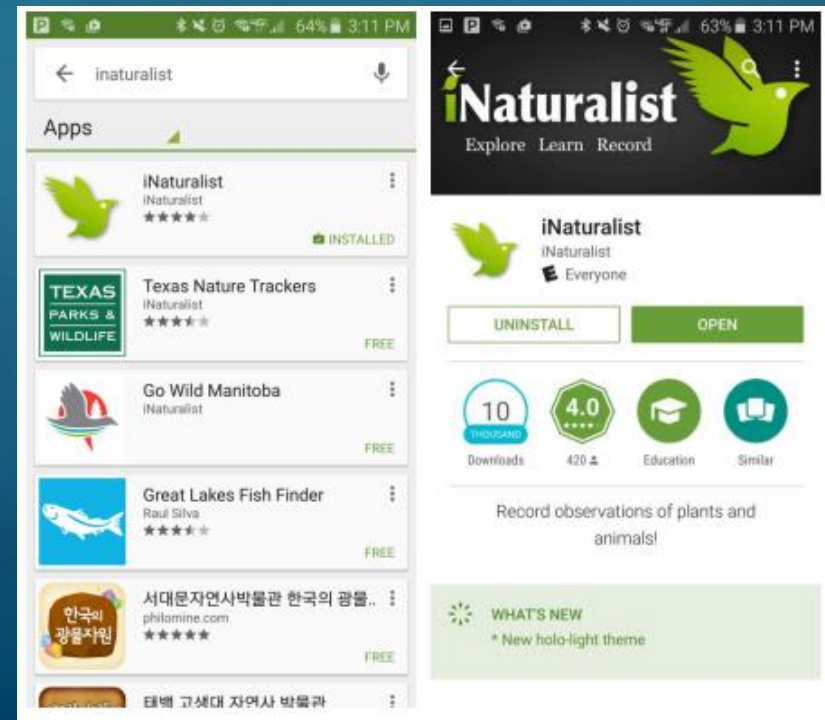
- Open the App Store on your device & search for “iNaturalist”
- Select & Install the App
- Open the App



Apple



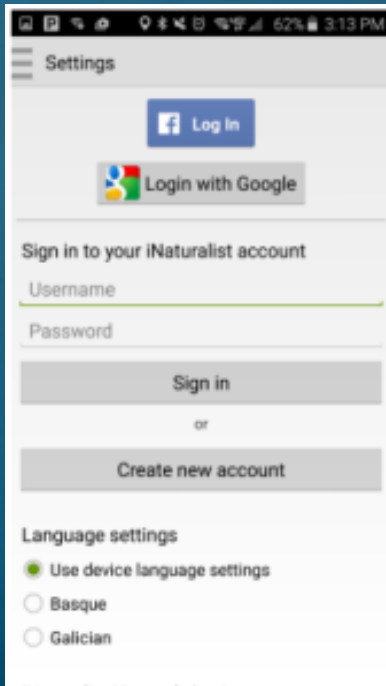
Android



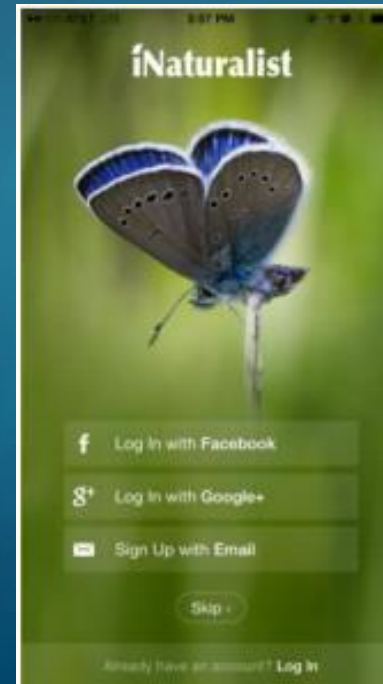
Creating an Account & Signing-In

- Open the App
- Sign in using your **Facebook** or **Google** accounts, or **create an account** using your email address & a username & password of your choosing

Apple



Android



Video on Making Observations (on Apple device)



How to Make an Observation on iNaturalist using our Mobile App

from iNaturalist



01:15

HD vimeo

<https://vimeo.com/162581545>

Change the Upload Settings

- [General Description \(slide 9\)](#)
- [On an Apple device \(slide 10\)](#)
- [On an Android device \(slide 11\)](#)

➤ Join a Project in iNaturalist

- [On an Apple device \(slide 12\)](#)
- [On an Android device \(slide 13\)](#)
- [On the iNaturalist.com website \(slides 14-18\)](#)

➤ Make an Observation

- [On an Apple device \(slides 19-22\)](#)
- [On an Android device \(slides 23-26\)](#)
- [On the iNaturalist.com website \(slides 27-32\)](#)

➤ Edit an Existing Observation

- [On all devices \(Slide 33\)](#)

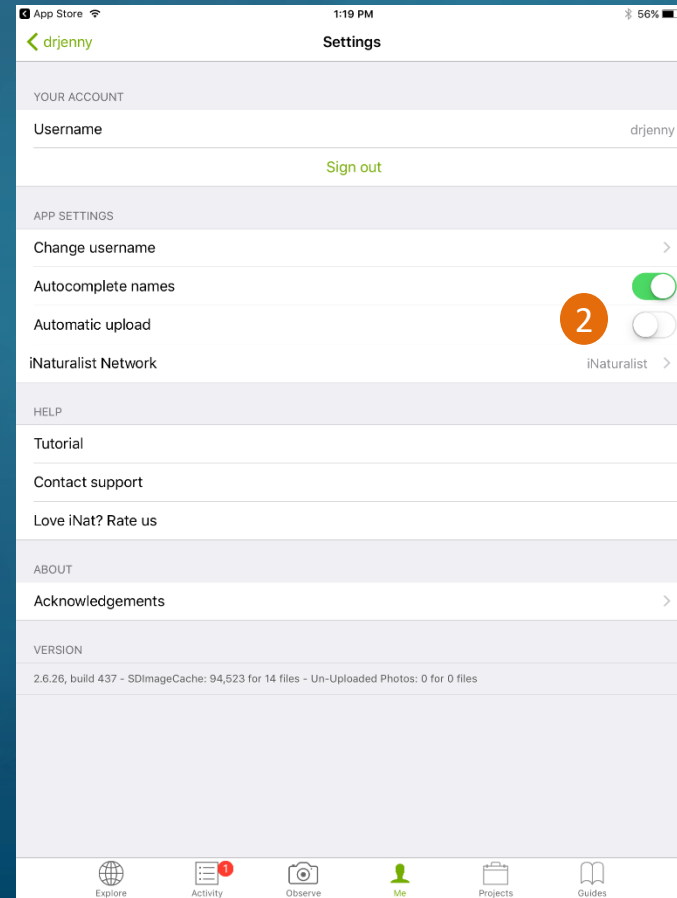
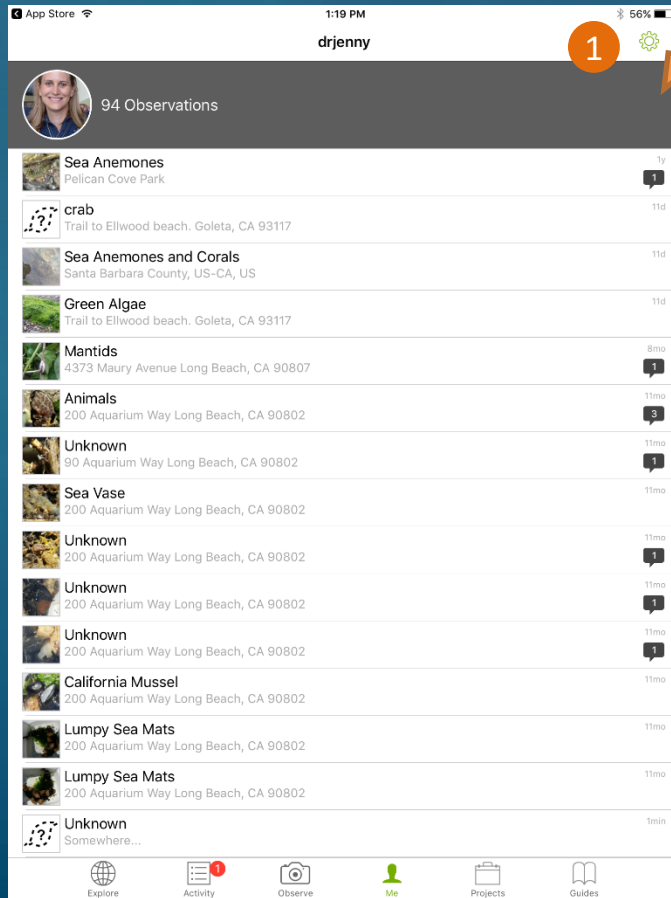
Changing Upload Settings

- The iNaturalist default is to **automatically upload & sync** each observation with the cloud as you make it.
- For Bioblitzes we recommend **turning off** this feature during the bioblitz event to save your battery and prevent excess data changes, and then uploading all your observations after the bioblitz when you're home and can plug in your phone and connect to wifi.



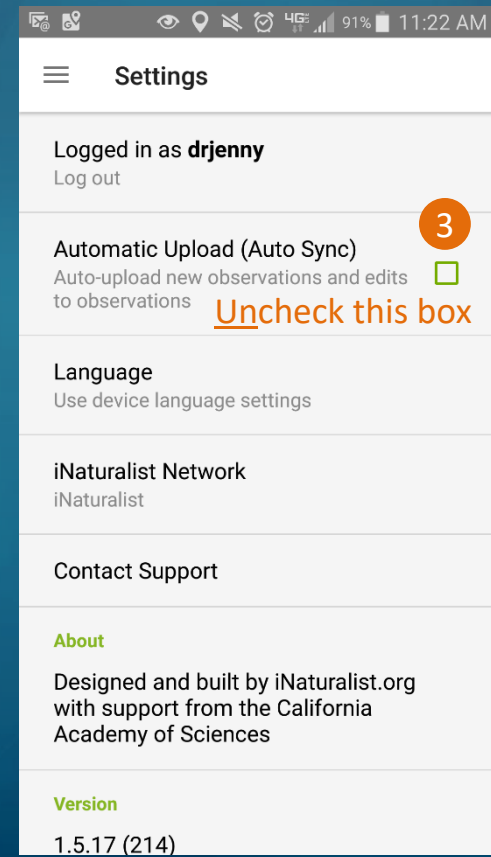
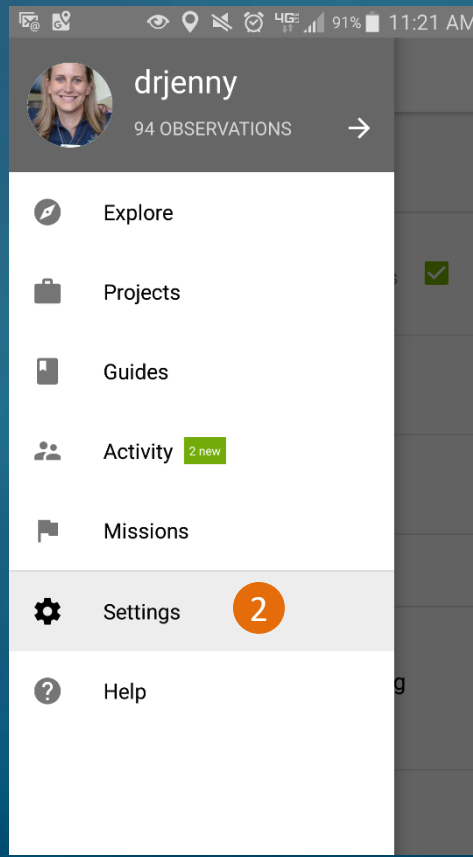
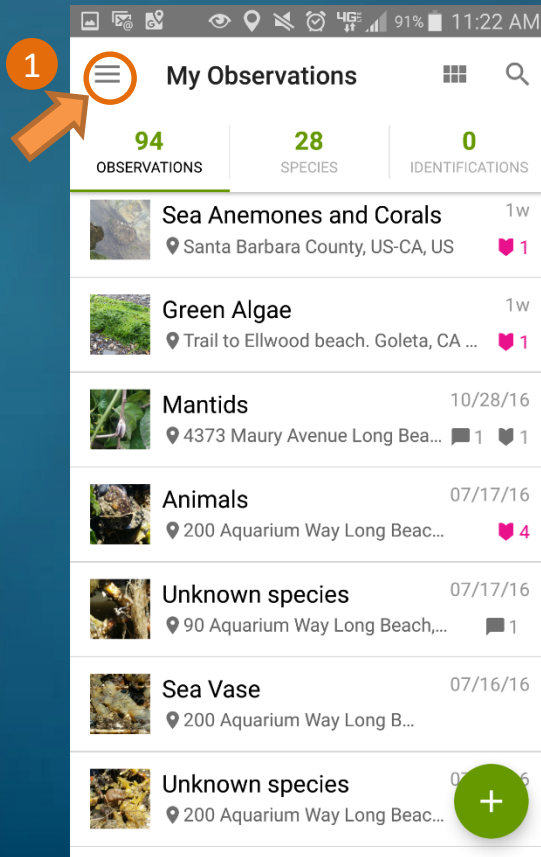
Changing Upload Settings (on Apple device)

- 1) Select the  symbol in the upper right corner
- 2) Swipe left to turn Automatic upload off



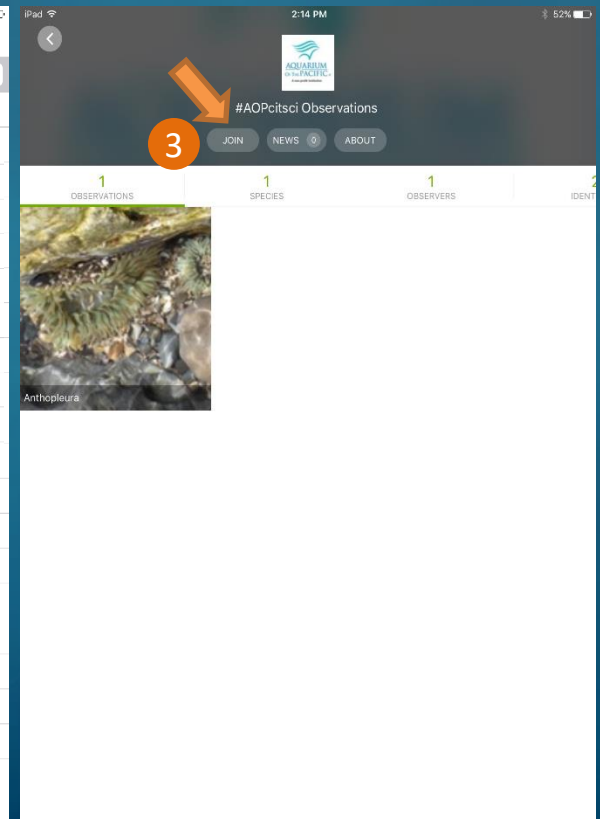
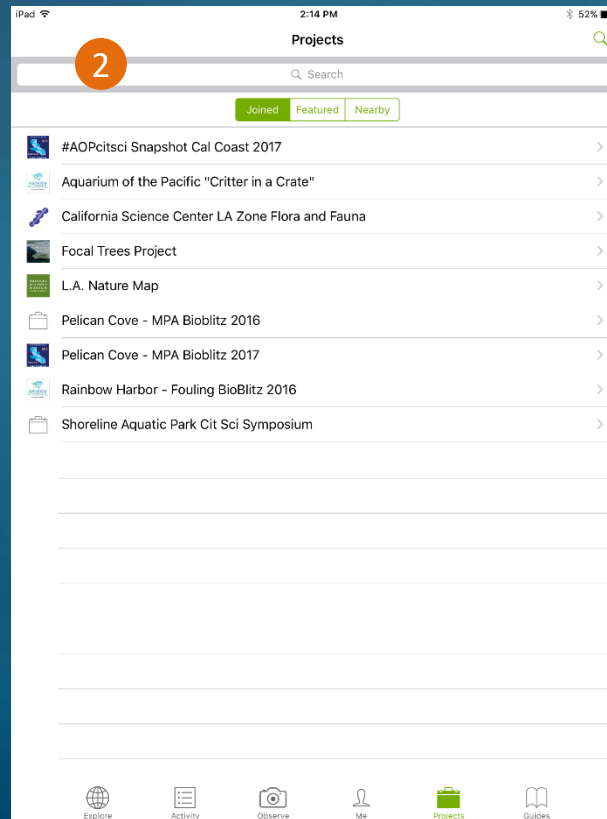
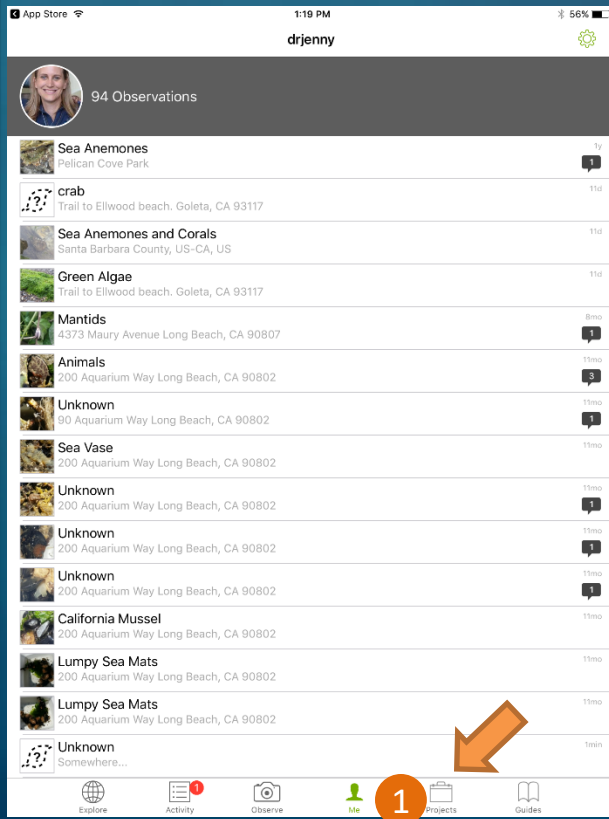
Changing Upload Settings (on Android device)

- 1) Select the ☰ symbol in the upper left corner
- 2) Select “Settings”
- 3) Un-check the Automatic Upload (Auto Sync) box





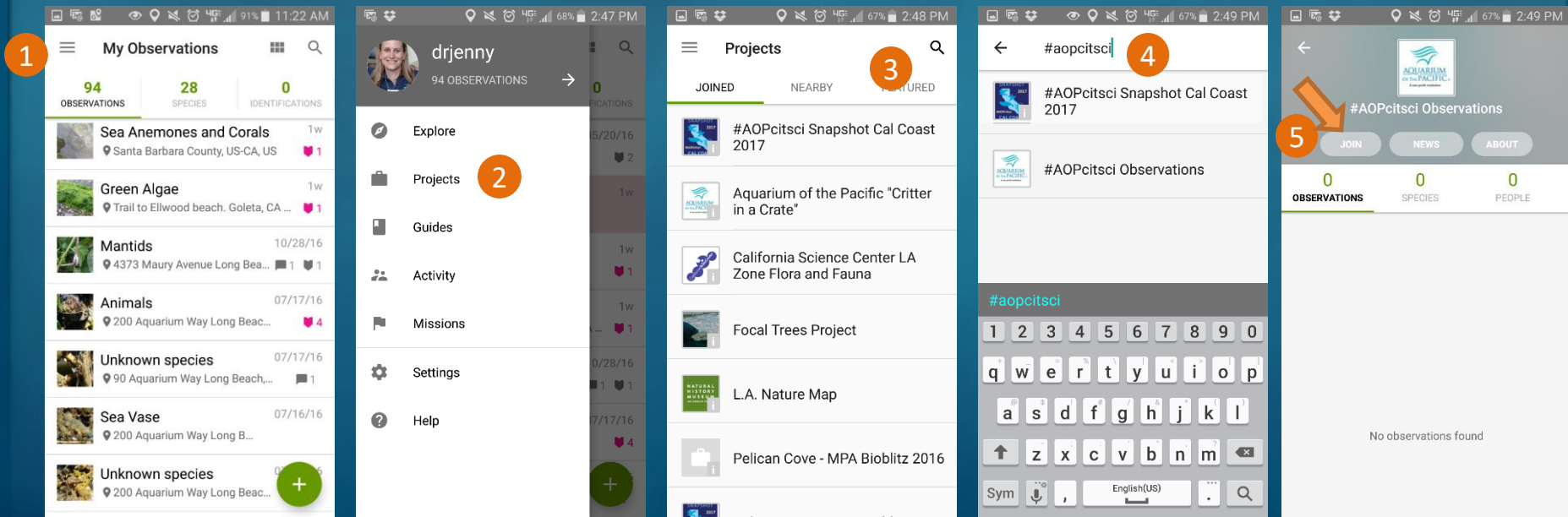
Joining an iNaturalist Project (on Apple device)

1. Click the “**Projects**” Button at the bottom of the screen
2. Enter the **name of the project** you want to join in the search window (or search for Projects near you)
3. Select the Project and click **Join**



Joining an iNaturalist Project (on Android device)

1. Select the  symbol in the upper left corner
2. Select “**Projects**”
3. Click Search tool 
4. Enter the **name of the project** you want to join in the search window (or search for Projects near you)
5. Select the Project and click **Join**



Joining an iNaturalist Project (on the Website)

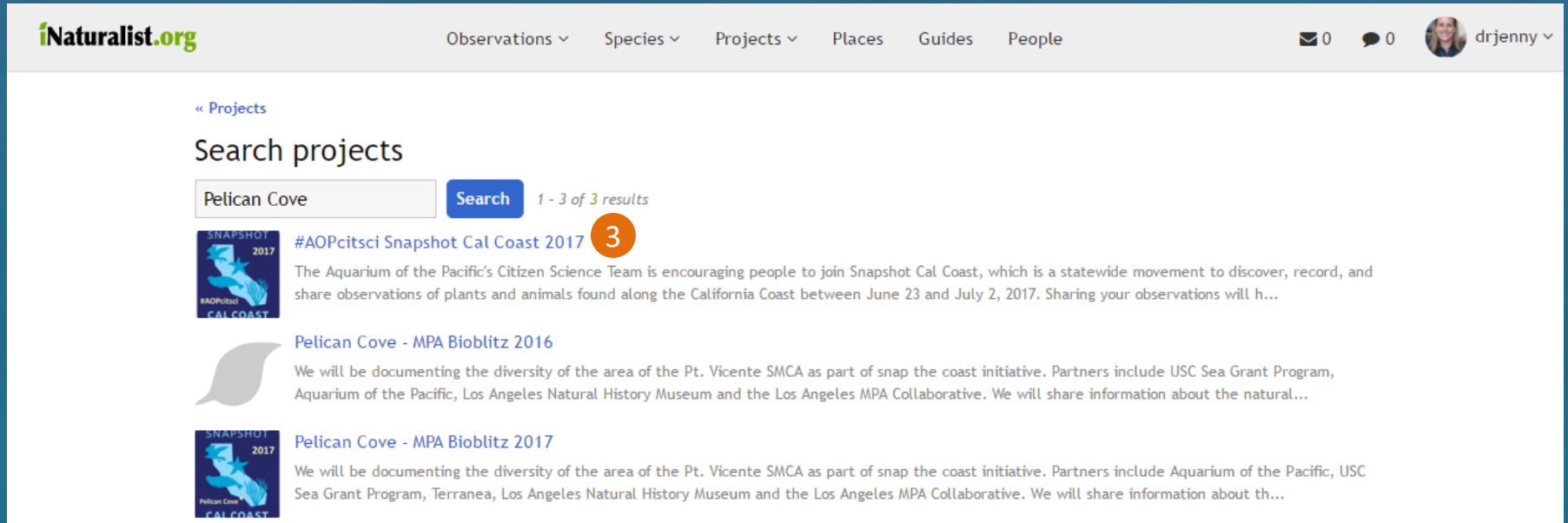
1. Click the “**Projects**” Button at the top of the screen
2. Enter the name of the Project you want to join in the search window (or search for Projects near you)

The screenshot shows the iNaturalist.org website interface. At the top, the navigation bar includes 'Observations', 'Species', 'Projects', 'Places', 'Guides', and 'People'. The 'Projects' button is highlighted with a red circle and the number '1'. Below it, a search box contains the text 'Pelican Cove' and is also highlighted with a red circle and the number '2'. A dropdown menu is open, displaying a list of projects: 'Aquarium of the Pacific "Cr...', 'California Science Center L...', 'Focal Trees Project', 'L.A. Nature Map', 'Pelican Cove - MPA Bioblitz...', 'Rainbow Harbor - Fouling Bi...', 'Shoreline Aquatic Park Cit ...', and 'All your projects'. The main content area shows a user profile for 'drjenny' with navigation tabs for 'Home', 'Profile', 'Observations', 'Calendar', and 'IDs'. Below the profile, there are tabs for 'All Updates', 'Your Content', 'Following', and 'Real Time Discussions'. A 'You've got updates!' notification is visible. On the right side, there are sections for 'Add Observations', 'Subscriptions', and 'More'.



Joining an iNaturalist Project (on the Website)

3. Click the name of the project to learn more about it



The screenshot shows the iNaturalist.org website interface. At the top, there is a navigation bar with the iNaturalist.org logo on the left and links for Observations, Species, Projects, Places, Guides, and People. On the right side of the navigation bar, there are icons for email (0), chat (0), and a user profile for 'drjeny'. Below the navigation bar, the page content is displayed. A search bar contains the text 'Pelican Cove' and a blue 'Search' button. To the right of the search bar, it says '1 - 3 of 3 results'. Below the search bar, there are three project listings. The first listing is for '#AOPcitsci Snapshot Cal Coast 2017' with a red circle containing the number '3'. The second listing is for 'Pelican Cove - MPA Bioblitz 2016'. The third listing is for 'Pelican Cove - MPA Bioblitz 2017'.

The **#AOPcitsci Snapshot Cal Coast 2017** project is for any coastal observations made along the California Coast between June 23 and July 2, 2017

The **Pelican Cove – MPA Bioblitz 2017** project is only for observations made at Pelican Cove on Friday, June 30th between 7:30am & 10:30am

Joining an iNaturalist Project (on the Website)

4. Click Join this Project



The screenshot shows the iNaturalist.org website interface. At the top, there are navigation links for Observations, Species, Projects, Places, Guides, and People. A notification bell icon shows 4 new notifications. The user profile 'drjenny' is visible in the top right. The main content area features a project banner for '#AOPcitsci Snapshot Cal Coast Bioblitz' with a photo of two people examining a tidepool. The banner includes the text '#AOPcitsci Snapshot Cal Coast 2017' and the dates 'June 23, 2017 to July 2, 2017'. There are two logos on the banner: a blue 'SNAPSHOT 2017 CAL COAST' logo and the 'AQUARIUM OF THE PACIFIC' logo. Below the banner, there is a paragraph of text describing the project, followed by a paragraph about a related event, and a final paragraph with a link for more information.

« Projects Terms & Rules | Join this project

#AOPcitsci
Snapshot Cal Coast Bioblitz

#AOPcitsci Snapshot Cal Coast 2017
June 23, 2017 to July 2, 2017

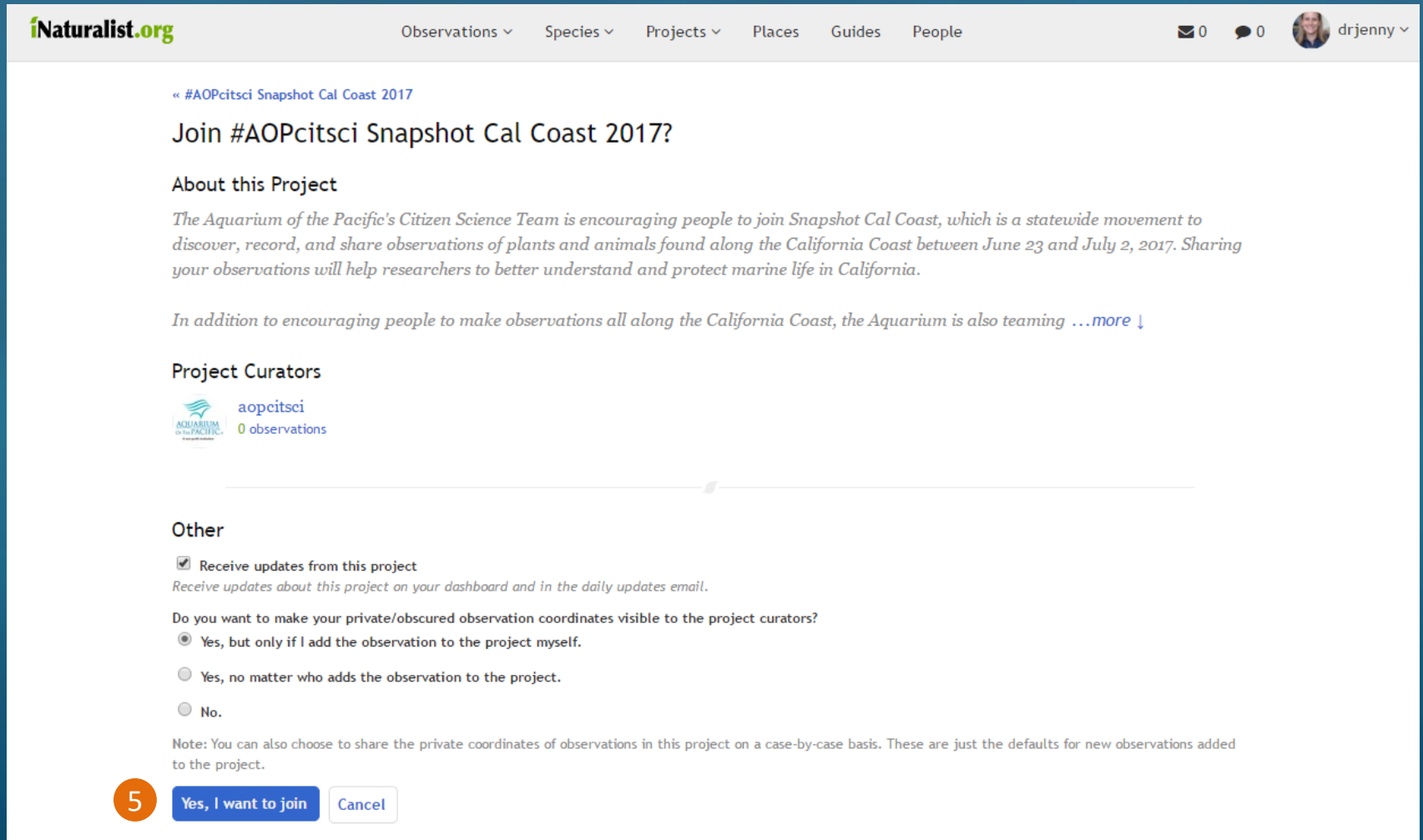
The Aquarium of the Pacific's Citizen Science Team is encouraging people to join Snapshot Cal Coast, which is a statewide movement to discover, record, and share observations of plants and animals found along the California Coast between June 23 and July 2, 2017. Sharing your observations will help researchers to better understand and protect marine life in California.

In addition to encouraging people to make observations all along the California Coast, the Aquarium is also teaming up with USC Sea Grant and Terranea to host our 2nd annual Tidepool Bioblitz event at Pelican Cove on Friday, June 30th. To join this event please go to <http://www.inaturalist.org/projects/pelican-cove-mpa-bioblitz-2017> and make sure to register on the eventbrite link (both of which should go live soon).

For more information on the Snapshot Cal Coast movement and to find events near you, please go to: <http://www.calacademy.org/citizen-science/snapshot-cal-coast>

Joining an iNaturalist Project (on the Website)

5. Click Yes, I want to Join



iNaturalist.org Observations ▾ Species ▾ Projects ▾ Places Guides People 0 0 drjenny ▾

« #AOPcitsci Snapshot Cal Coast 2017


Join #AOPcitsci Snapshot Cal Coast 2017?

About this Project

The Aquarium of the Pacific's Citizen Science Team is encouraging people to join Snapshot Cal Coast, which is a statewide movement to discover, record, and share observations of plants and animals found along the California Coast between June 23 and July 2, 2017. Sharing your observations will help researchers to better understand and protect marine life in California.

In addition to encouraging people to make observations all along the California Coast, the Aquarium is also teaming ...more ↓

Project Curators

 **aopcitsci**
0 observations

Other

Receive updates from this project
Receive updates about this project on your dashboard and in the daily updates email.

Do you want to make your private/obscured observation coordinates visible to the project curators?

Yes, but only if I add the observation to the project myself.

Yes, no matter who adds the observation to the project.

No.

Note: You can also choose to share the private coordinates of observations in this project on a case-by-case basis. These are just the defaults for new observations added to the project.

5

Joining an iNaturalist Project (on the Website)

6. You can now add observations to this Project

You can use either the Add Observations Button shown below, or using the general add observations procedure described in Slides 8-15. Note some projects have specific location and time range requirements, and may not accept observations that don't meet the listed criteria.

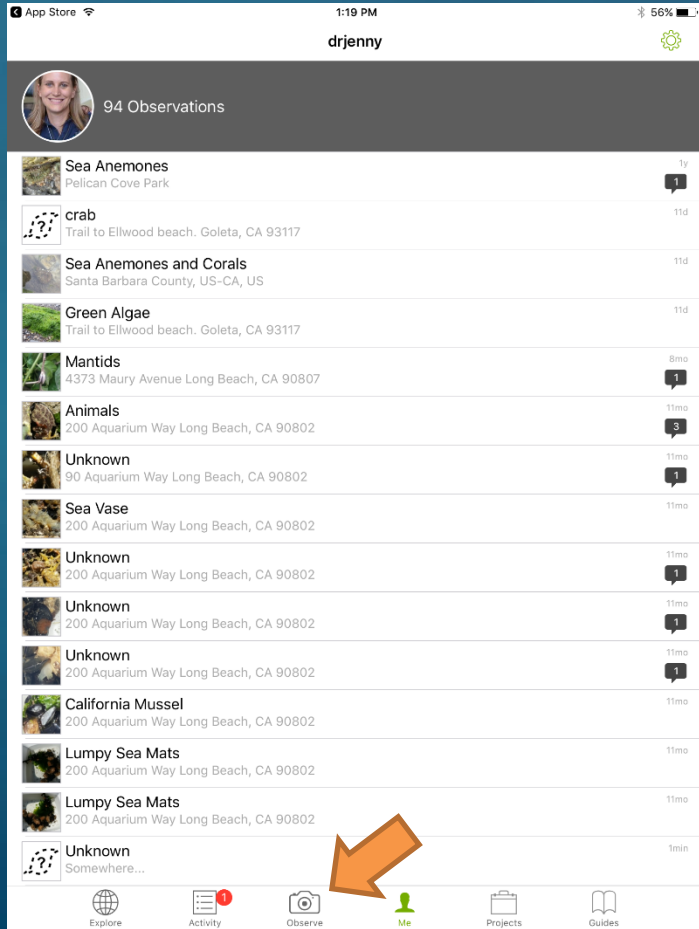
The screenshot shows the iNaturalist.org website interface. At the top, the navigation bar includes 'Observations', 'Species', 'Projects', 'Places', 'Guides', and 'People'. The user profile 'drjenny' is visible in the top right. The main content area features a large banner image of two people in hats examining a field notebook near a rocky coastline. Overlaid on the banner is the text '#AOPcitsci Snapshot Cal Coast Bioblitz' in yellow and white. A red 'ADD OBSERVATIONS' button is prominently displayed. Logos for 'SNAPSHOT 2017' and 'AQUARIUM OF THE PACIFIC' are also present. Below the banner, a 'Stats' section provides project metrics:

Totals	Most Observations	Most Species	Most Observed Species
1 Observations »	drjenny 1 observation	Unknown	Sea Anemones 1 observation
1 Species »			

Making Observations (on Apple device)

1. Click the “Observe” Button

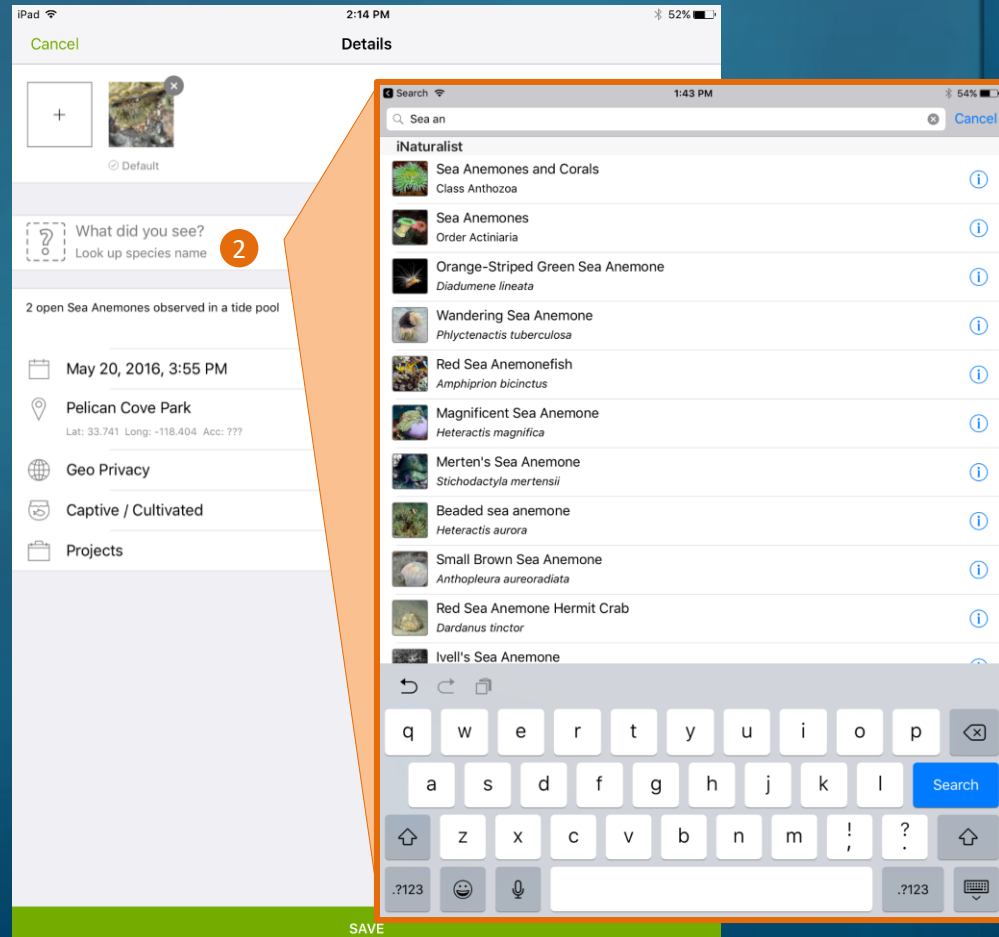
Take photo of organism
or select an image from your phone



1

2. Enter the Name of the Species

You can search for common species by type
or select “Help me ID this Species”



SAVE

Making Observations (on Apple device)

3. Type any **notes** about the observation size, setting, etc.

4. The **Date & Time** of your Observation
This should be added automatically

5. The **Location** of your Observation
This should be added automatically

6. Geo Privacy

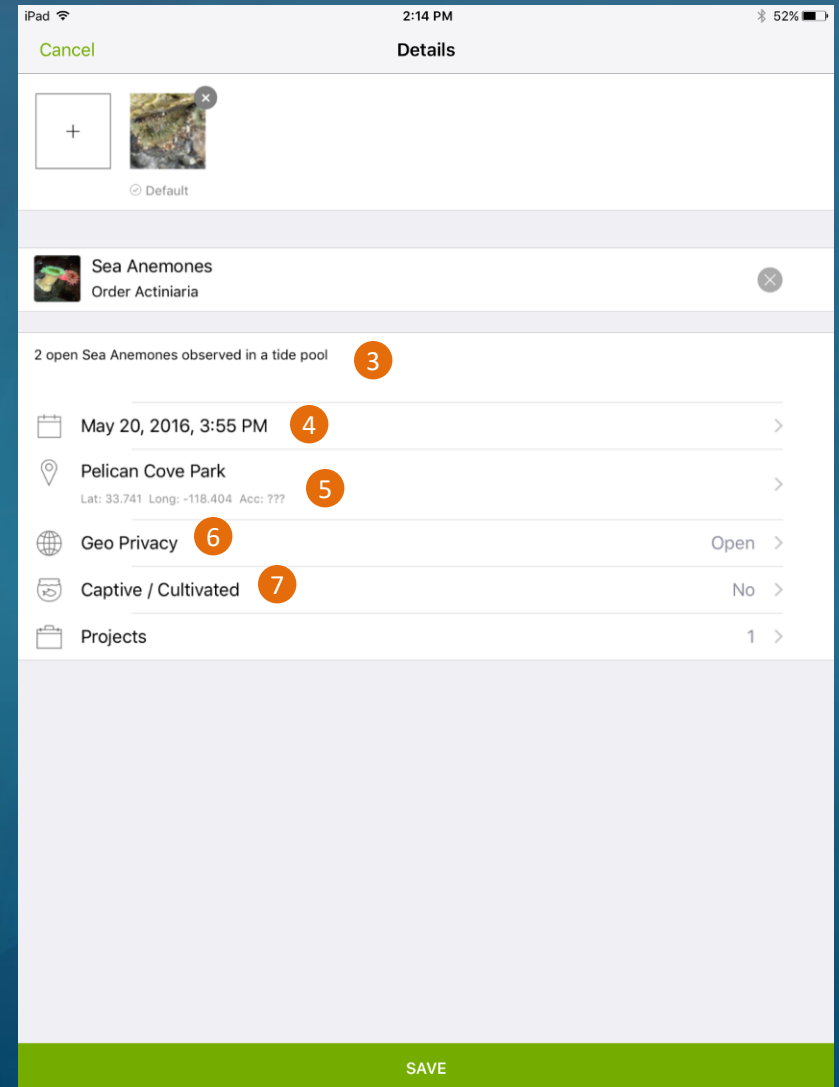
For most observations the default (**Location is Public**) is best because that way researchers will be able to find it.

However, if the organism is **endangered** you can select to have the location **private** so that the true location of the organism will only be visible to you and the project curator.

7. The **Captive/Cultivated** Setting

Observations are assumed to be of **wild** phenomena (i.e. organisms found in a tidepool at Pelican Cove).

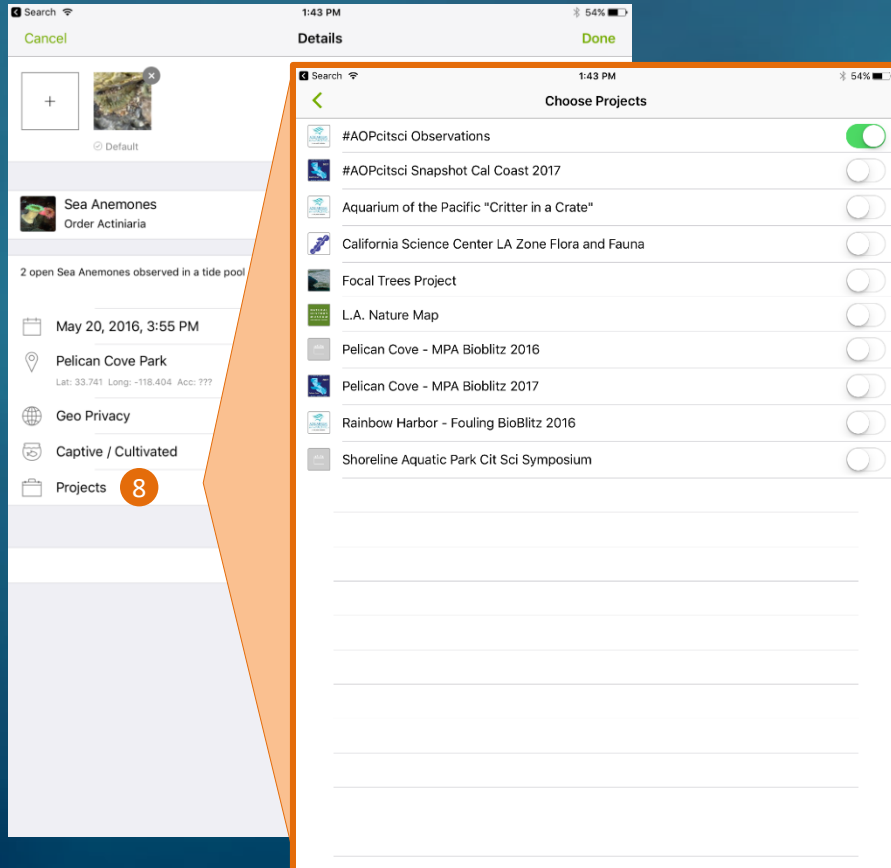
However, the if you are making an observation in an artificial setting (i.e. tidepool organisms in an Aquarium) you can (& should) select the “**Captive/Cultivated**” option



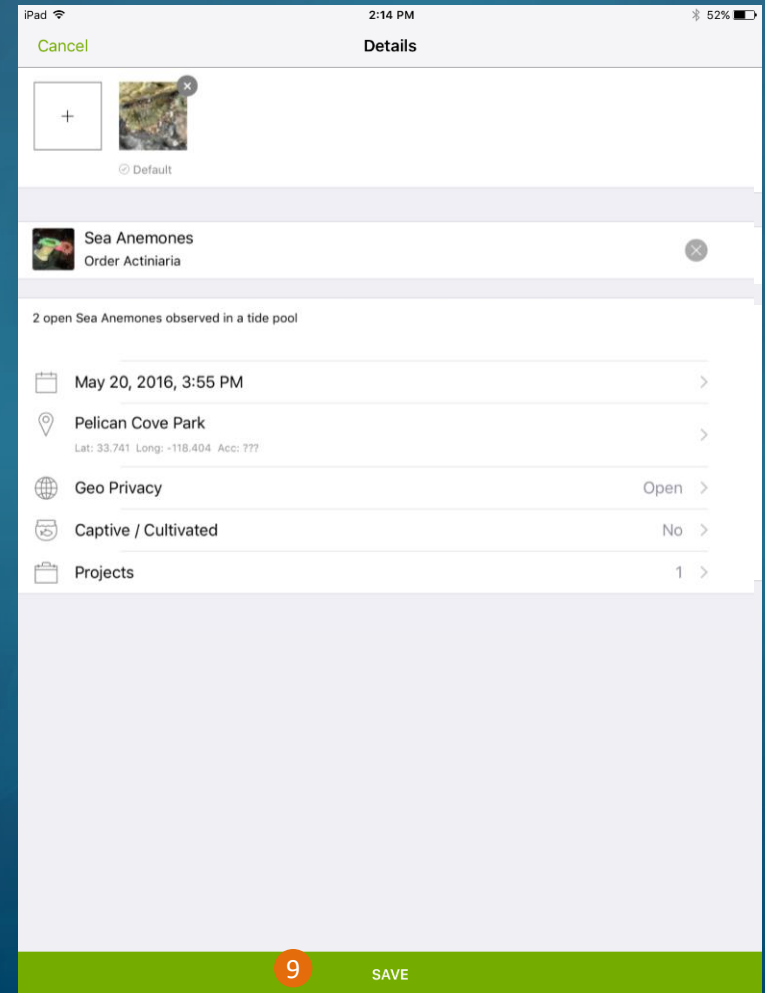
Making Observations (on Apple device)

8. Select any **Project**(s) you would like the observation to be included in

Only projects you have already joined will be listed.
See slides 11-17 for how to search for & join projects.



9. **Save** your observation



Making Observations (on Apple device)

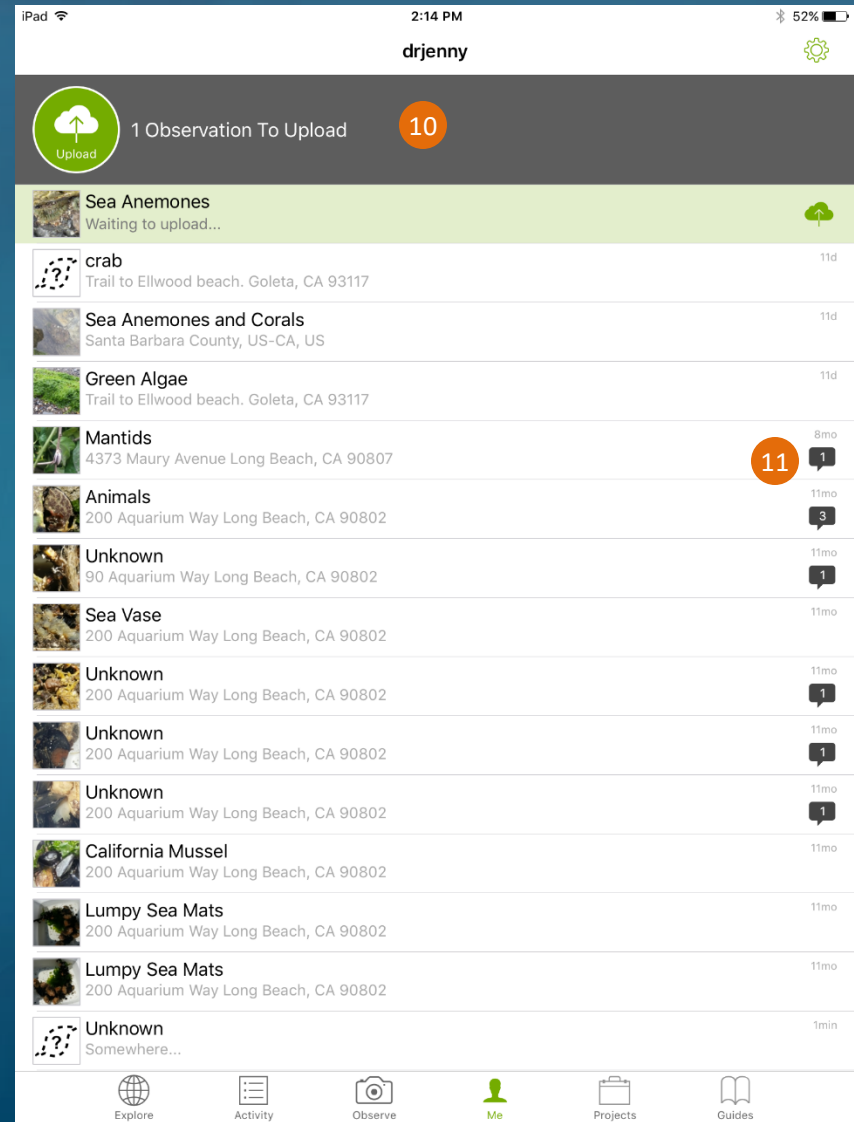
10. Upload your observation

This is done automatically when the Automatic upload setting is turned on.

We recommend having this setting turned off when in the field (as was done on slides 8-10) because it will save your battery and avoid excess data charges. It also gives you time to enter more details about the observation before it is uploaded to the cloud.

11. Check your Observations **Activity**

Feedback on your observation from the community will appear beside your observation



Making Observations (on Android device)

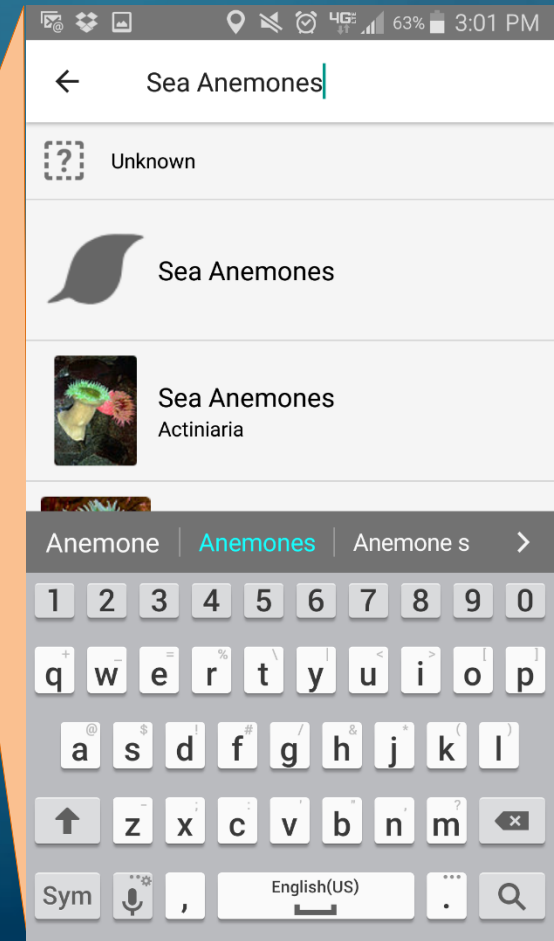
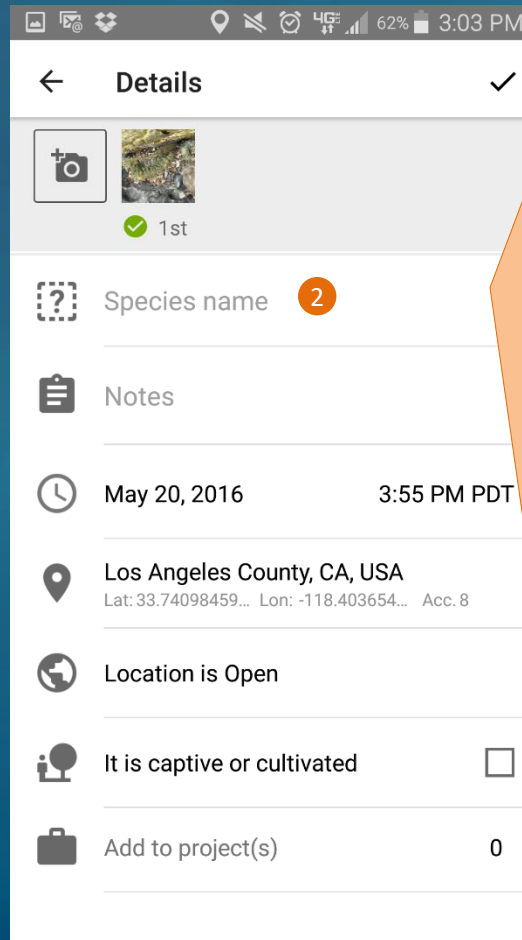
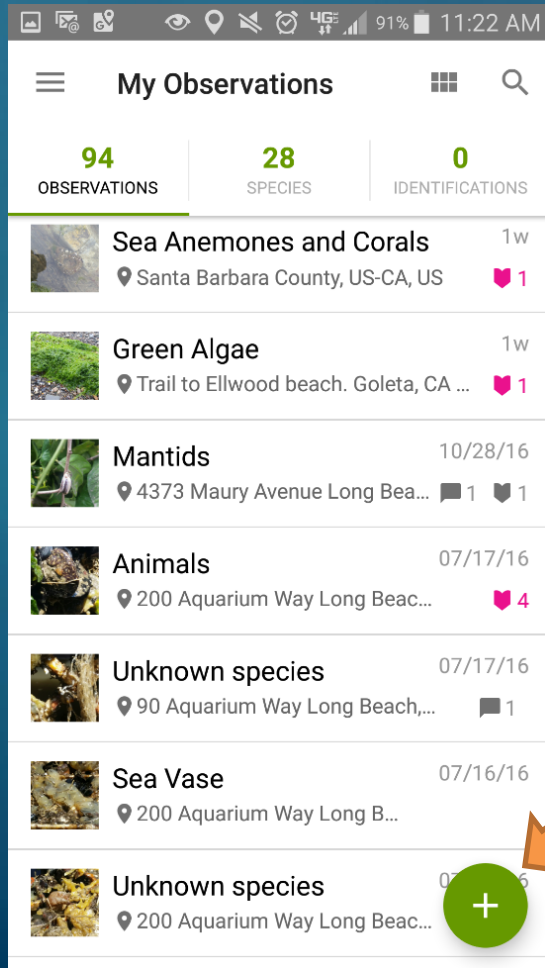
1. Click the “**Observe**” Button



Take photo of organism
or select an image from your phone

2. Enter the **Name of the Species**

You can search for common species by type
or select “Help me ID this Species”



Making Observations (on Android device)

3. Type any **notes** about the observation
size, setting, etc.

4. The **Date & Time** of your Observation
This should be added automatically

5. The **Location** of your Observation
This should be added automatically

6. Geo Privacy

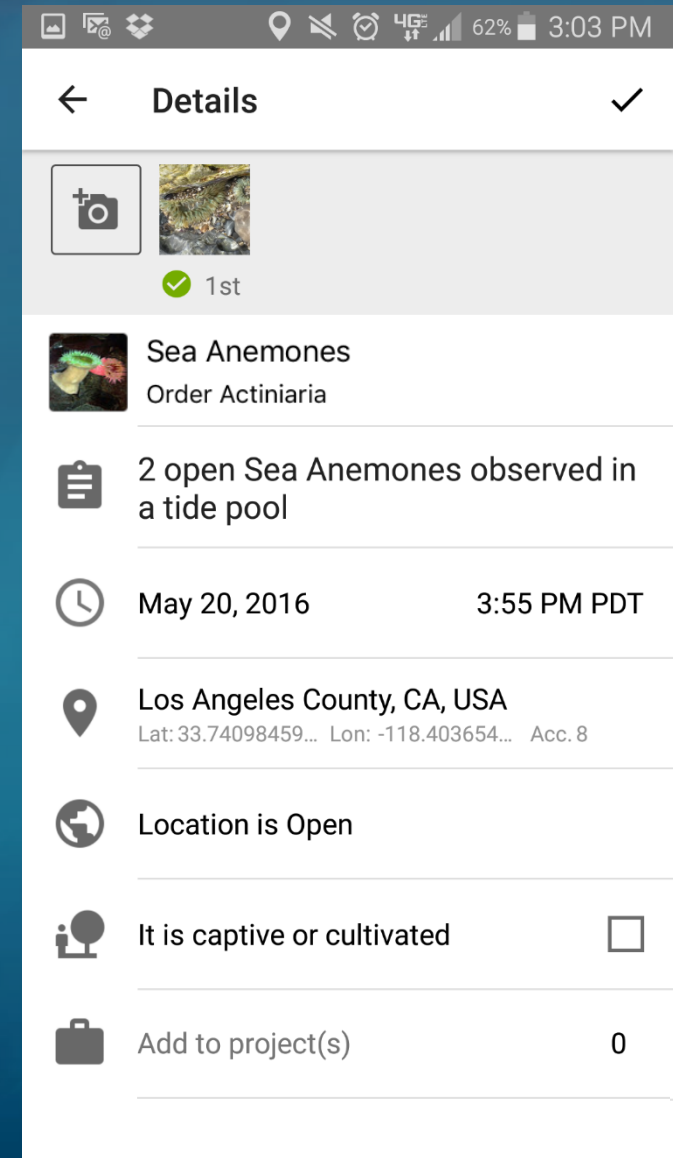
For most observations the default (**Location is Open**) is best because that way researchers will be able to find it.

However, if the organism is **endangered** you can select to have the location **private** so that the true location of the organism will only be visible to you and the project curator.

7. The **Captive/Cultivated** Setting

Observations are assumed to be of **wild** phenomena (i.e. organisms found in a tidepool at Pelican Cove).

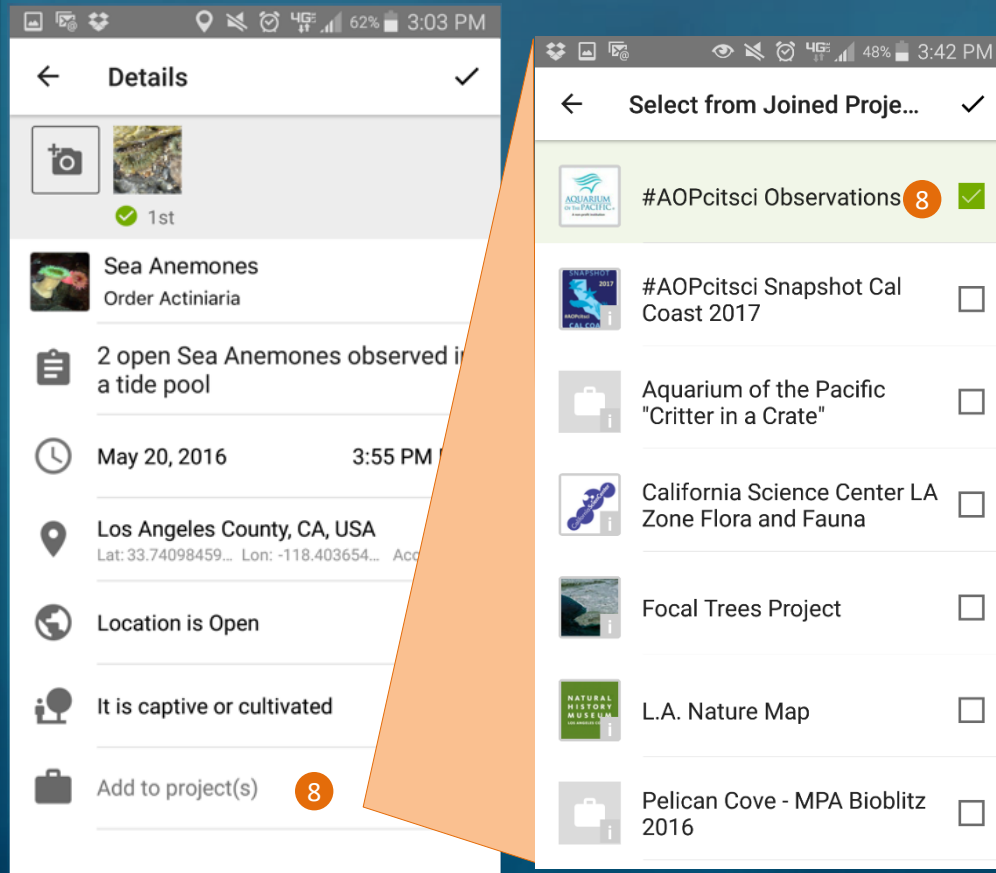
However, the if you are making an observation in an artificial setting (i.e. tidepool organisms in an Aquarium) you can (& should) select the “**Captive/Cultivated**” option



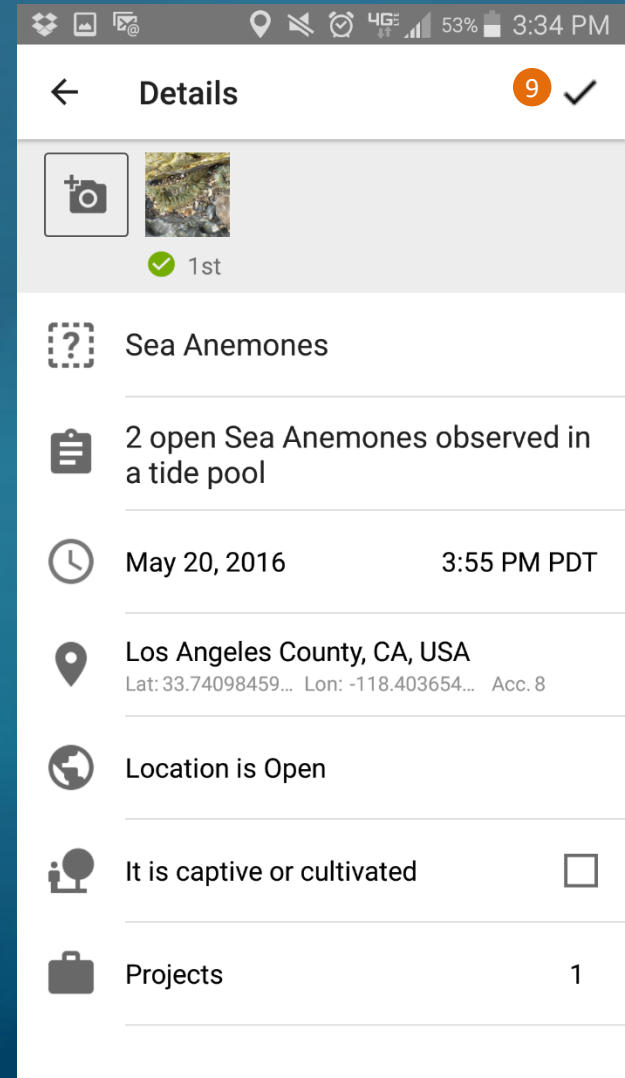
Making Observations (on Android device)

8. Select any **Project(s)** you would like the observation to be included in

Only projects you have already joined will be listed.
See slides 11-17 for how to search for & join projects.



9. **Save** your observation




Making Observations (on Android device)

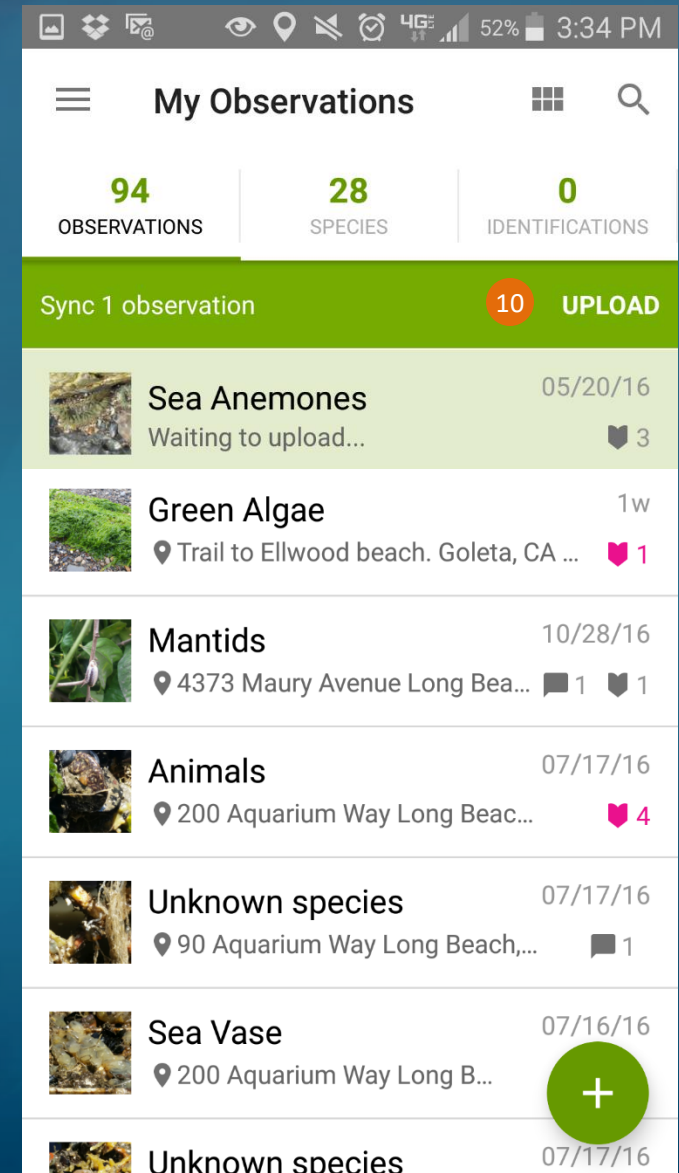
10. Upload your observation

This is done automatically when the Automatic upload setting is turned on.

We recommend having this setting turned off when in the field (as was done on slides 8-10) because it will save your battery and avoid excess data charges. It also gives you time to enter more details about the observation before it is uploaded to the cloud.

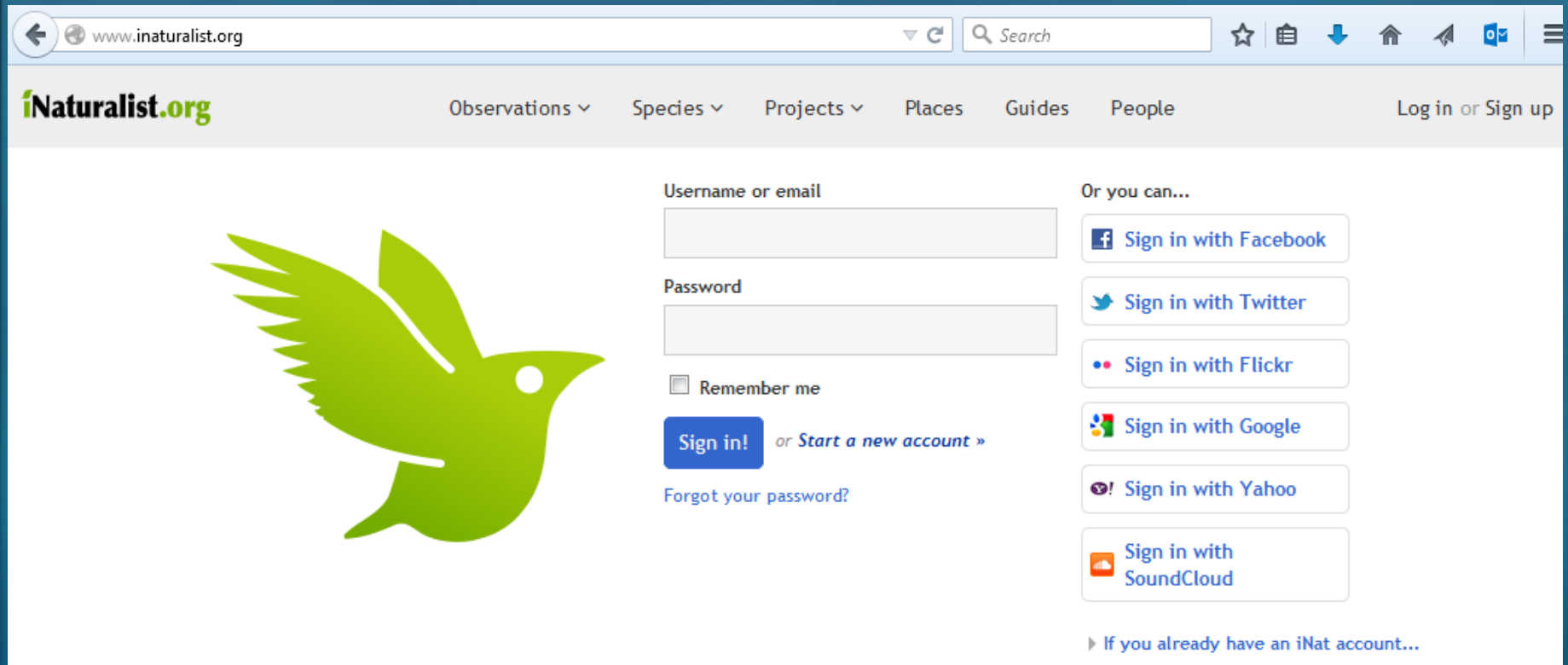
11. Check your Observations **Activity**

Feedback on your observation from the community will appear beside your observation 



Making Observations (on the Website)

1. Go to “iNaturalist.org” & Log in to your Account



www.inaturalist.org

iNaturalist.org Observations ▾ Species ▾ Projects ▾ Places Guides People Log in or Sign up

Username or email

Password

Remember me

[Sign in!](#) or [Start a new account »](#)

[Forgot your password?](#)

Or you can...

[Sign in with Facebook](#)

[Sign in with Twitter](#)

[Sign in with Flickr](#)

[Sign in with Google](#)

[Sign in with Yahoo](#)

[Sign in with SoundCloud](#)

► If you already have an iNat account...

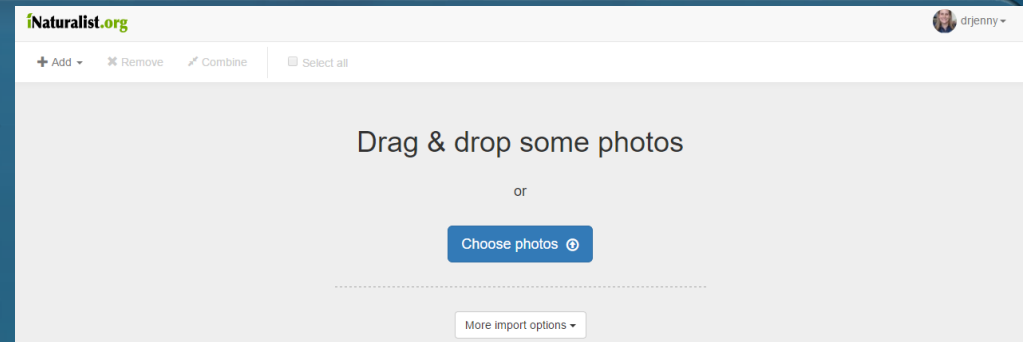
Making Observations (on the Website)

2. Click the + Add Observations Button

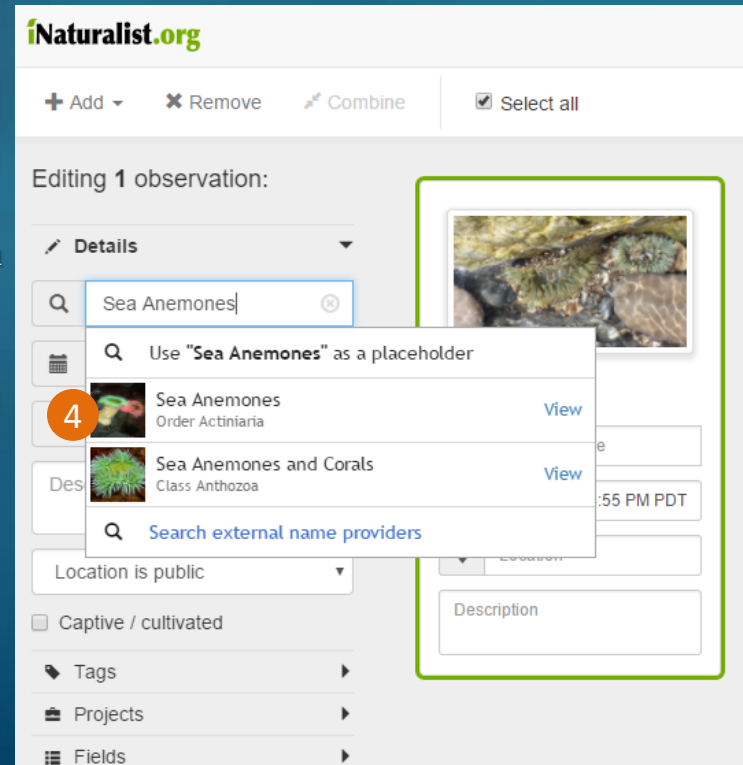
The screenshot shows the iNaturalist.org website interface. At the top, the navigation bar includes 'Observations', 'Species', 'Projects', 'Places', 'Guides', and 'People'. A user profile for 'drjenny' is visible in the top right corner. Below the navigation bar, there is a banner for World Environment Day. The main content area shows the user's profile 'drjenny' with a navigation menu: Home, Profile, Observations, Calendar, IDs, Lists, Journal, Favorites, and Projects. A large orange arrow points to the '+ Add Observations' button. Below the navigation menu, there are tabs for 'All Updates', 'Your Content', 'Following', and 'Real Time Discussions'. A notification box titled 'You've got updates!' is open, listing update sources: 'Your Content', 'People', 'Organisms, Projects & Places', and 'Discussions you've engaged in'. On the right side, there is a 'Subscriptions' section with buttons for 'Subscribe to a Taxon' and 'Subscribe to a Place'. Below that, a 'Getting Started Guide' box is visible with a 'Get started' button.

Making Observations (on the Website)

3. Select the **Photo** of the Observation



4. Enter the **Name of the Species**
Select the best fit from the suggested option



Making Observations (on the Website)

5. Navigate to the **Location** where the observation was made, click on the map to add your exact spot, click the **Save** button

Enter the Location's name in the search bar, or enter the GPS Coordinates, or navigate to the location on the map

The screenshot shows the iNaturalist.org website interface. In the foreground, a modal window titled "Los Angeles County, CA, USA" is open over a Google Map. The map shows a red crosshair indicating a selected location. Below the map, the modal displays the following information:

Latitude	Longitude	Accuracy (meters)	Locality notes
33.7409845	-118.40365	8	Los Angeles County, CA, USA

At the bottom of the modal are "Cancel" and "Save" buttons. The background shows the observation editing interface with fields for "Details", "Sea Anemones", "2016/05/20 3:55 PM PDT", "Location", "Description", "Location is public", "Captive / cultivated", "Tags", "Projects", and "Fields". A "Submit 1 observation" button is visible in the top right corner.

Making Observations (on the Website)

6. Type any **notes** about the observation size, setting, etc.

7. Location Privacy Settings

For most observations the default (**Location is Public**) setting is best, because that way researchers will be able to find it.

However, if the organism is endangered you can select to have the location **private** so that the true location of the organism will only be visible to you and the project curator.

8. The **Captive/Cultivated** Setting

Observations are assumed to be of **wild** phenomena (i.e. organisms found in a tidepool at Pelican Cove). Leave this **unchecked** for observations of wild organisms.

However, the if you are making an observation in an artificial setting (i.e. tidepool organisms in an Aquarium) you should select the “**Captive/Cultivated**” option

iNaturalist.org

+ Add x Remove Combine Select all

Editing 1 observation:

Details

Sea Anemones

2016/05/20 3:55 PM PDT

Los Angeles County, CA, U

2 open Sea Anemones observed in a tide pool

Location is public

Captive / cultivated

Tags Projects Fields

Sea Anemones

2016/05/20 3:55 PM PDT

Los Angeles County, CA,

2 open Sea Anemones observed in a tide pool

Making Observations (on the Website)

9. Select any **Project(s)** you would like the observation to be included in

10. Click the **Submit Observation** button

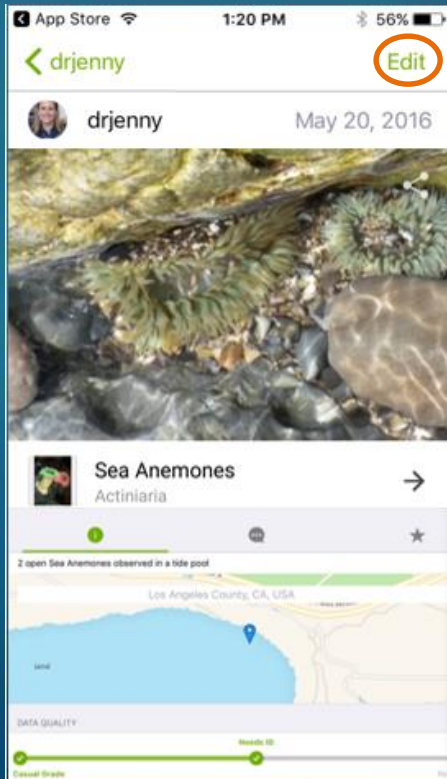
The screenshot shows the iNaturalist.org interface for editing an observation. At the top, there are navigation buttons: '+ Add', 'x Remove', 'Combine', and 'Select all'. A green button labeled 'Submit 1 observation' is highlighted with a red circle and the number 10. Below this, the 'Editing 1 observation:' section is visible. On the left, a sidebar menu includes 'Details', 'Tags', 'Projects' (highlighted with a red circle and the number 1), and 'Fields'. The main area shows a photo of sea anemones, a taxon selection dropdown set to 'Sea Anemones', a date and time of '2016/05/20 3:55 PM PDT', a location of 'Los Angeles County, CA', and a description: '2 open Sea Anemones observed in a tide pool'.

The screenshot shows the iNaturalist.org interface for editing an observation. At the top, there are navigation buttons: '+ Add', 'x Remove', 'Combine', and 'Select all'. Below this, the 'Editing 1 observation:' section is visible. On the right, a photo of sea anemones is shown. Below the photo, a dropdown menu labeled 'Add to a project' is open, showing a list of projects: '#AOPcitsci Snapshot Cal Coast 2017', 'Aquarium of the Pacific "Critter in a Crate"', 'California Science Center LA Zone Flora and Fauna', 'Focal Trees Project', 'L.A. Nature Map', 'Pelican Cove - MPA Bioblitz 2016', 'Rainbow Harbor - Fouling BioBlitz 2016', and 'Shoreline Aquatic Park Cit Sci Symposium'. The 'Submit 1 observation' button is highlighted with a red circle and the number 10. The 'Projects' dropdown menu is highlighted with a red circle and the number 9.

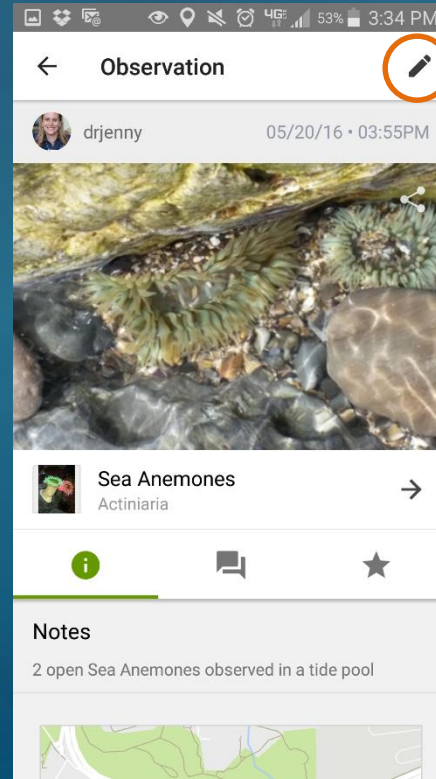
Editing Existing Observations

Select the observation you want to edit from the list of all your observations & then click the “**Edit**” symbol

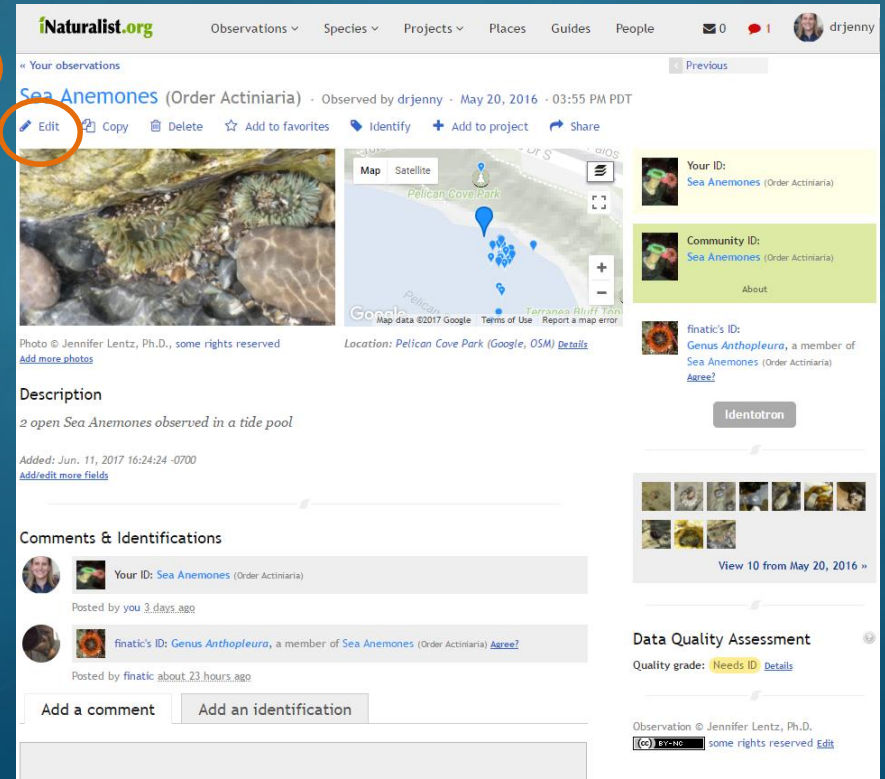
Apple



Android



Website



Have Fun Observing!



Photo Courtesy of USC Sea Grant