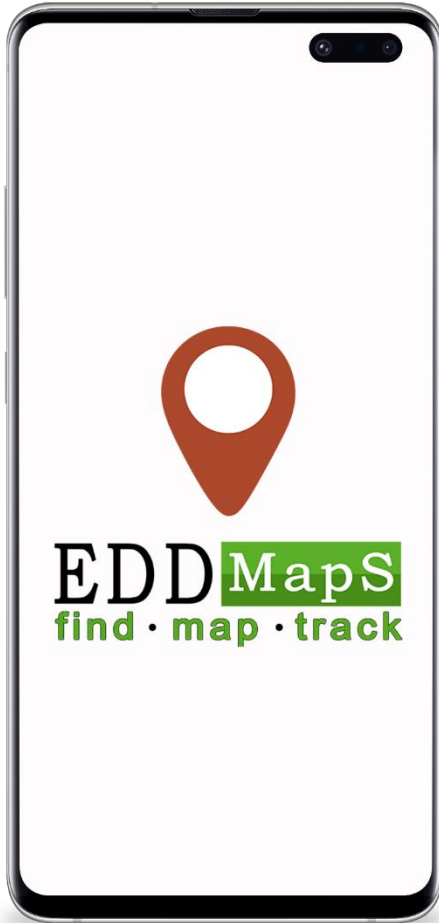


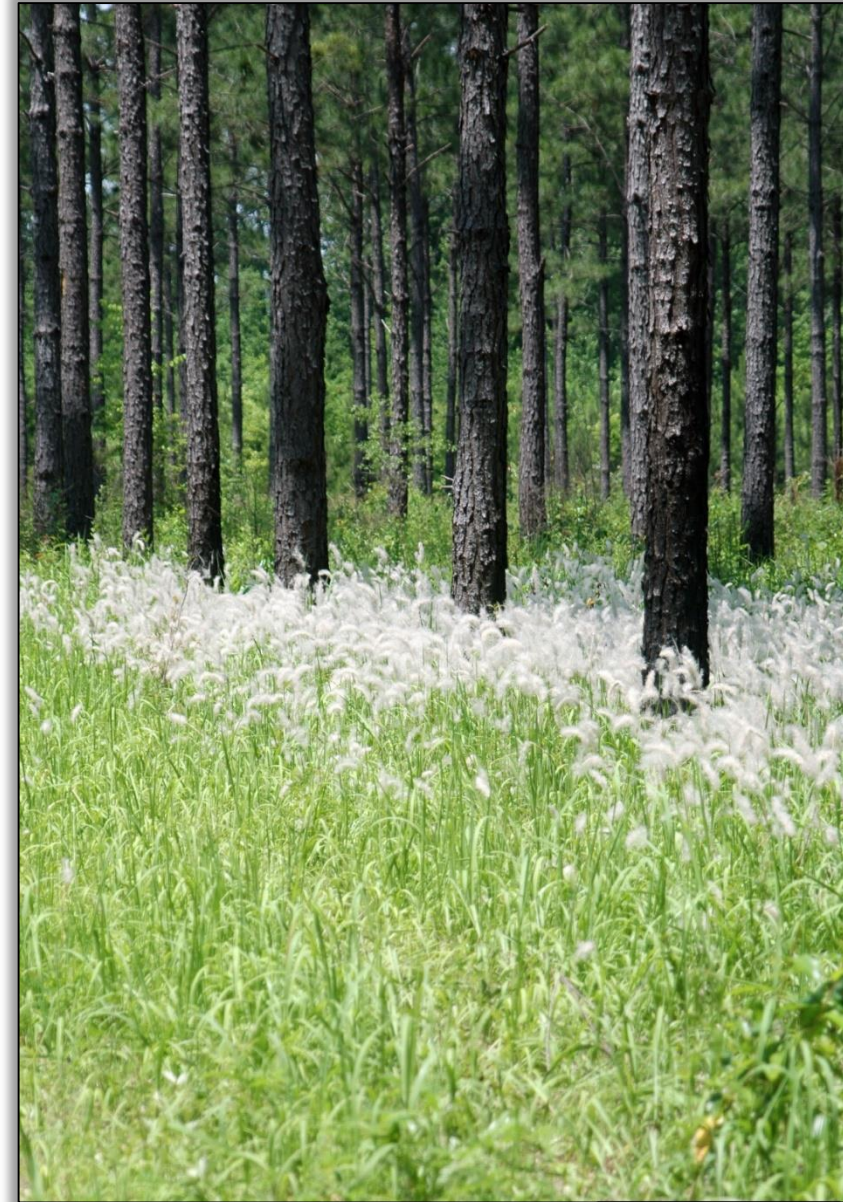
https://bugwoodcloud.org/CDN/eddmaps/tools/EDDMapS_App_WalkThrough.pdf
Choose your state to download invasive list/pics of invasive species.



How to Report Using the
EDDMapS Smartphone App

What is EDDMapS?

- EDDMapS, the Early Detection & Distribution Mapping System, is a web-based mapping tool for documenting invasive species distribution across the United States.
- Launched in 2005 by the Center for Invasive Species and Ecosystem Health at the University of Georgia, this tool documents the presence of invasive species and provides real-time tracking of new infestations.



Chris Evans, University of Illinois, Bugwood.org

Why use EDDMapS?

Invasive species are extremely challenging because they invade our native ecosystems and will continue to grow and spread.

We must actively seek solutions to control or eradicate the species which are problems already or have the potential to become problems.



What happens to your EDDMapS records?

- Real time tracking of species
- Facilitate Early Detection and Rapid Response programs (EDRR). EDRR programs help stop or control an invasive species before it becomes an unmanageable problem.
- Data is made freely available to scientists, researchers, land managers, land owners, educators, conservationists, ecologists, farmers, foresters, state and national parks.



National Parks Service



Download EDDMapS App

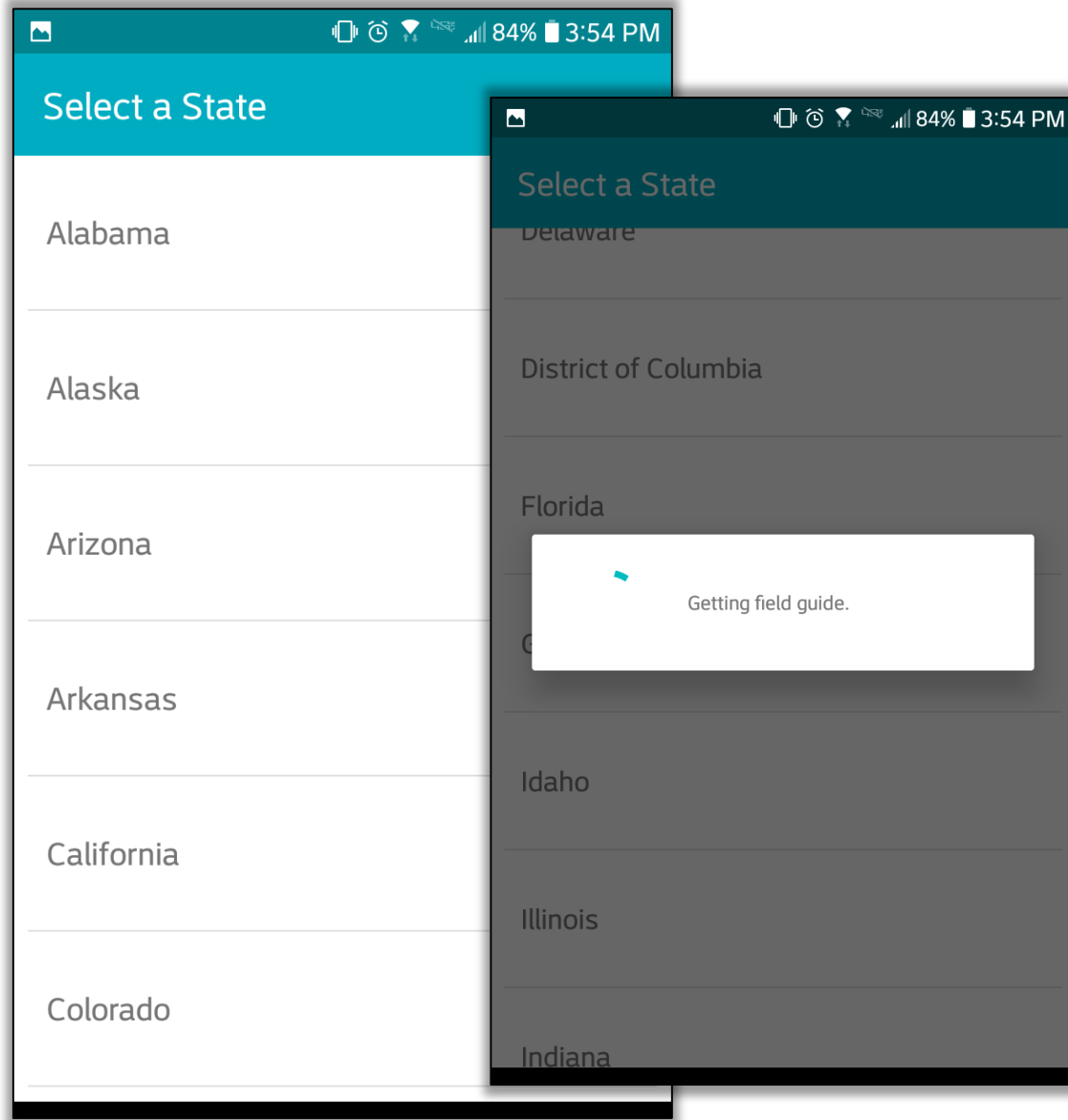
Download the EDDMapS app on Google Play or the Apple Store



Getting Started

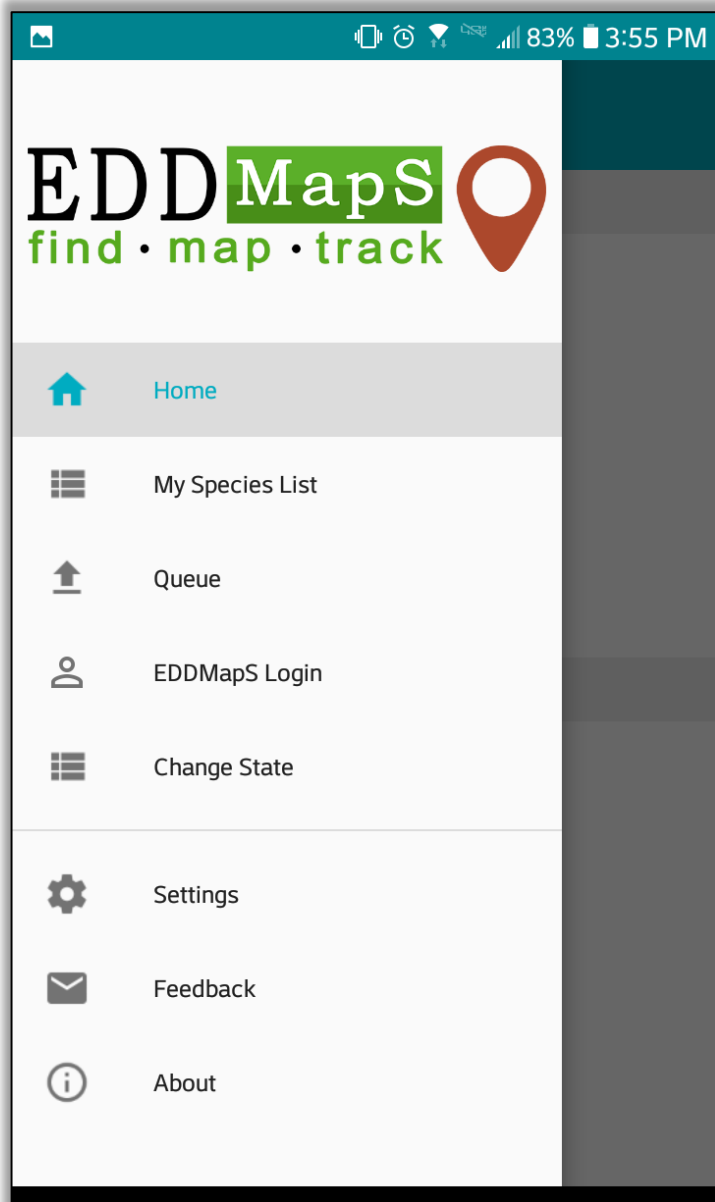
Begin by swiping through initial informational slides after downloading the EDDMapS app





Field Guides

Select your state to download state based field guide.



Home

Navigation page for reporting observations and finding species information

My Species List

Custom list each user can create for quick reporting

Queue

Records saved to the app which have not yet been sent to the EDDMapS Database

EDDMapS Login

Register with EDDMapS or Login with your username/email and password

Change State

Select your state to download a state based field guide

Settings

Notifications, selected Field Guide, Dark Mode, Save Report images to gallery

Feedback

Provide information about any issues with the app

About

An overview of EDDMapS and invasive species

Sign in

EDDMapS
find · map · track

Email

Password

[Forgot password?](#)

SIGN IN

REGISTER

Login

Sign in to an existing EDDMapS account by using your email address/username and password

Register

EDDMapS
find · map · track

First Name

Last Name

Email

Password

Weak ⓘ

Public Profile?

REGISTER

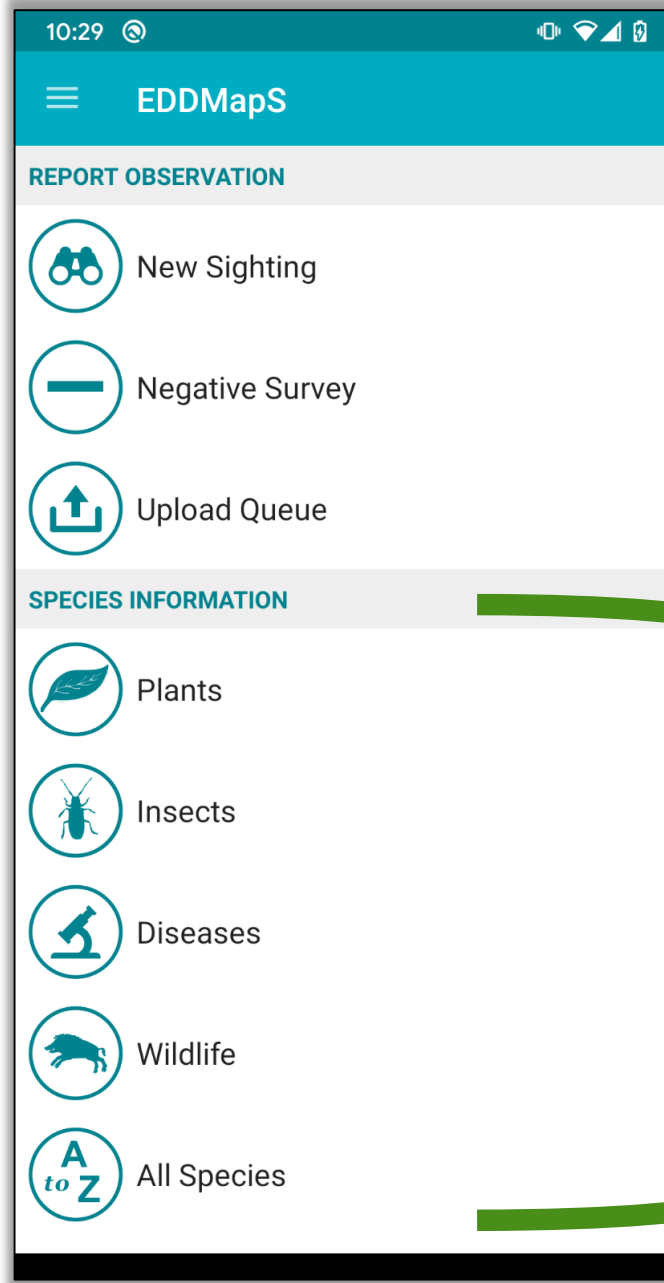
Register a New Account

Fill in the Registration form with appropriate information

Private or Public Profile?

*we will not share your information but verifiers may contact you

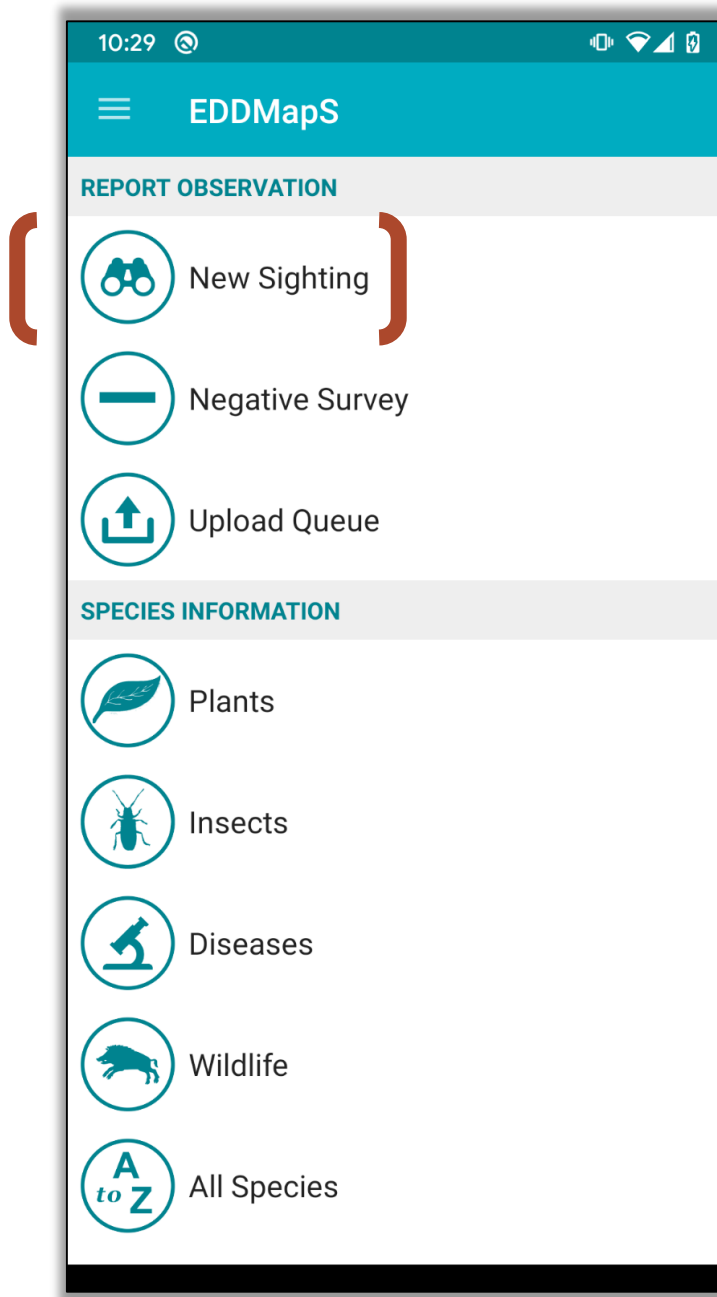
Tap any category
to open a species
field guide



Navigate to
create a **New
Sighting**, report a
Negative Survey,
or review your
Upload Queue

Select the category of
invasive species (**Plants**,
Insects, **Diseases**,
Wildlife) you are
interested in or select **All
Species** to bring up the
entire state's Field Guide
list

New Sightings (Positive Survey Report)



New Sighting

This reporting form is to document species which were surveyed for in a defined area and were found

Tap the **image icons** to add a photo to the report

Hide exact location? Select to mask GPS location of report

Species* that you've selected to report

Observation Date* can be changed by tapping on the date

Location* Tap the map to check your location, drop/move map point or draw polygons to note area of infestation

The screenshot shows a mobile app interface for reporting a new sighting. The form includes the following fields and controls:

- Species:** A dropdown menu showing "kudzu" and "Pueraria montana var. lobata".
- ADD MORE PLANTS:** A button to add additional species.
- Images:** A section with a photo of kudzu and a dashed box with a plus icon for adding more images.
- Observation Date:** A date field showing "02/25/2020".
- Hide exact location?:** A checkbox.
- Location:** A section with a map icon and the text "User-drawn polygon".
- Time spent:** A row of buttons: 5, 10, 15, 30, 45.
- Infestation Status:** A row of buttons: Positive, Treated, Negative.
- Infestation:** A section with a "Habitat" label and a "Select habitat" button.
- Area:** A text field showing "1.132" and two buttons: "Acres" and "Sq Feet".
- Density:** A row of buttons: "<5%", "5-25%", "25-50%", ">50%".
- Notes:** A text area with the placeholder "Any additional details".
- SAVE:** A large blue button at the bottom.

Annotations with green arrows point to the following elements:

- The "Species" dropdown menu.
- The "Observation Date" field.
- The "Hide exact location?" checkbox.
- The map icon in the "Location" section.
- The "Images" section.

Tap the **image** icons
to add a photo to
the report

New Sighting

NEW

kudzu
Pueraria montana var. lobata

ADD MORE PLANTS

Images

Observation Date
02/25/2020

Hide exact location? ☐

Location
User-drawn polygon

Time spent

5 10 15 30 45 60

Infestation Status

Positive Treated Negative

Infestation

Habitat Select habitat

Area 1.132 Acres Sq Feet

Density <5% 5-25% 25-50% >50%

Notes

Any additional details

SAVE

New Sighting

NEW

Select a subject
Tap here to choose

Images

Take a picture
Choose from gallery

Hide exact location? ☐

Location

Lat: 31.477191
Lng: -83.525076
Accuracy: 17.7 m

SAVE

Tap the **map icon** to check your location, drop/move map point or draw polygons to note area of infestation

New Sighting

NEW

kudzu
Pueraria montana var. *lobata*

ADD MORE PLANTS

Images

Observation Date
02/25/2020

Hide exact location? ☐

Location
User-drawn polygon

Time spent

5 10 15 30 45 60

Infestation Status

Positive Treated Negative

Infestation

Habitat Select habitat

Area
1.132 Acres Sq Feet

Density
<5% 5-25% 25-50% >50%

Notes
Any additional details

SAVE

Edit location

Google

Point Polygon

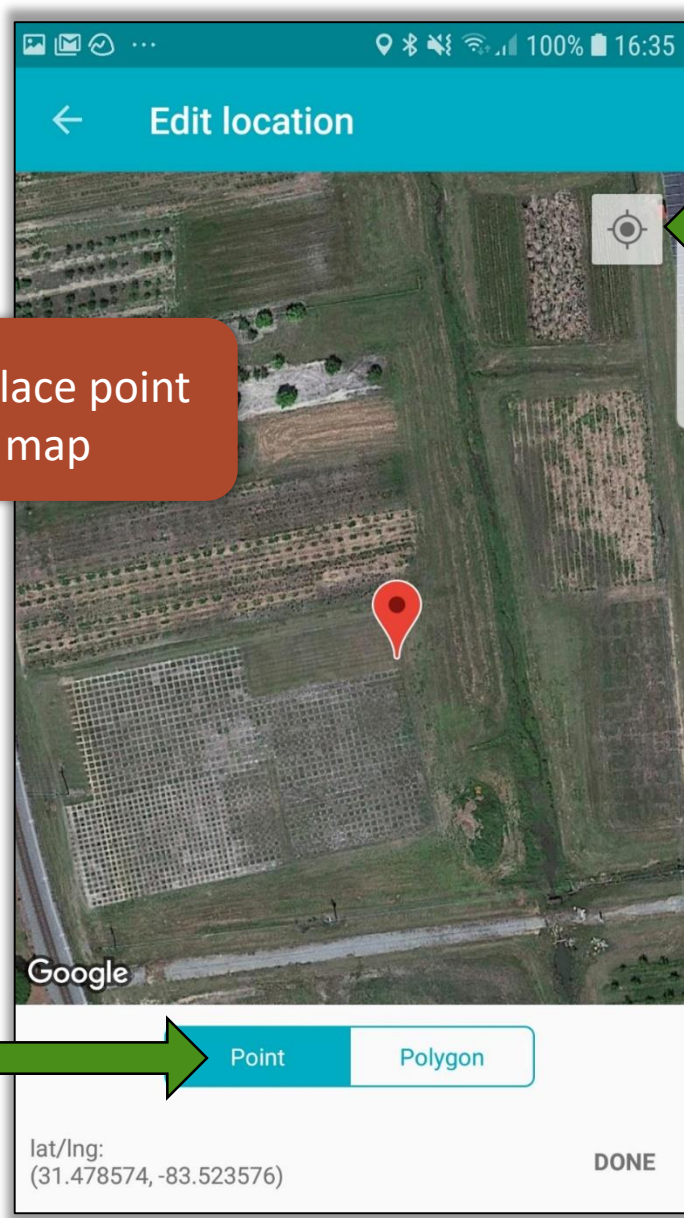
lat/lng:
(31.478574, -83.523576)

DONE

Tap **Point** to note a single plant or small infestation

Tap to place point on map

Tap to center the map on your current location



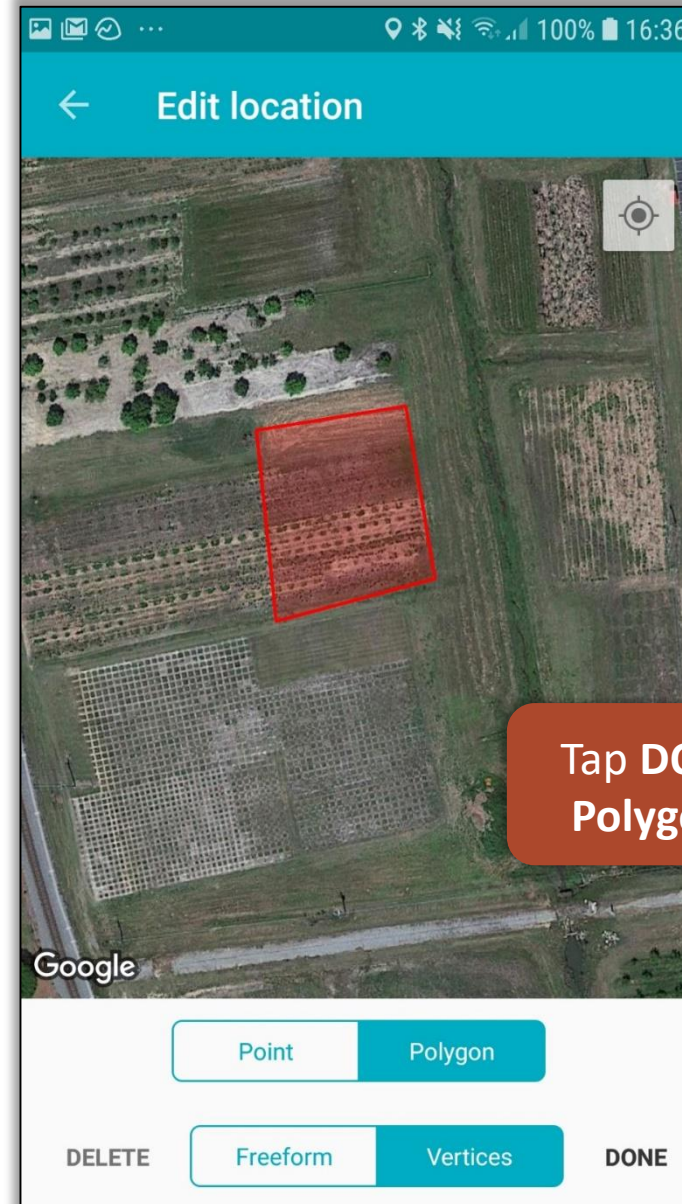
Tap **DONE** to save point location

Polygon – Freeform (drag finger to draw perimeter of the infestation)



Tap to select **Freeform**

Polygon – Vertices (Tap at the corners of the infestation to draw perimeter)



Tap to select **Vertices**

Tap **DONE** to save **Polygon** location

Tap the **DELETE** to remove the polygon and redraw

Infestation Status

Positive – Subject was present at time of report

Treated – Subject was present at time of report and control efforts (e.g., mechanical, chemical, etc.)

Negative – Subject was present previously but is not at time of survey and has been determined to be removed from the area surveyed

New Sighting

NEW

kudzu
Pueraria montana var. lobata

ADD MORE PLANTS

Images

Observation Date
02/25/2020

Hide exact location? ☐

Location
User-drawn polygon

Time spent
5 10 15 30 45 60

Infestation Status
Positive Treated Negative

Infestation
Habitat Select habitat

Area
1.132 Acres Sq Feet

Density
<5% 5-25% 25-50% >50%

Notes
Any additional details

SAVE

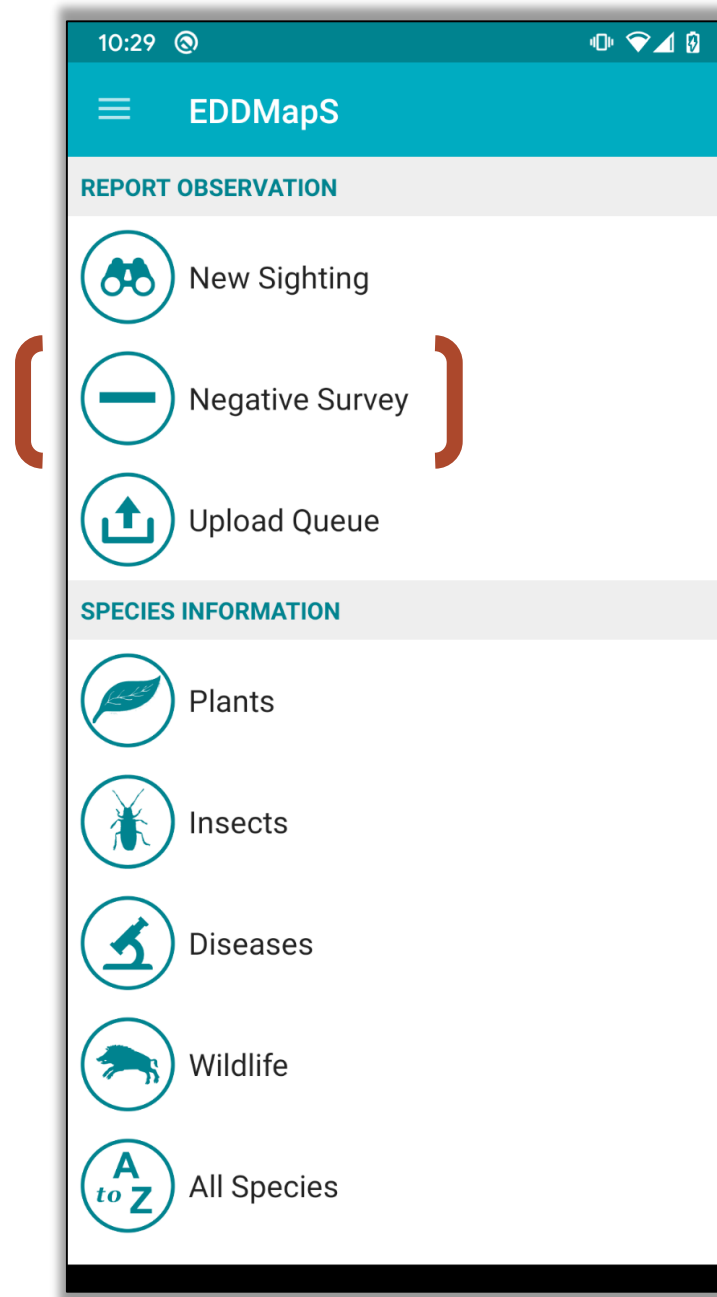
Time spent surveying is great for volunteer hours!

Infestation size**

Density of infestation

Be sure to save your report to the Upload Queue

Negative Survey Reports



Negative Survey

This reporting form is to document species which were surveyed for in a defined area and were ***NOT*** found

Observation **DATE & Time*** can be changed by tapping on the date

Time spent surveying is great for volunteer hours!

Be sure to save your report to the **Upload Queue**

10:32

← Negative Survey

DATE & TIME

12/02/2019

LIST OF SPECIES [EDIT](#)

Indicate which species you have looked for and didn't find

TIME SPENT IN MINUTES

5 10 15 30 45 60

AREA SURVEYED [EDIT](#)

Google

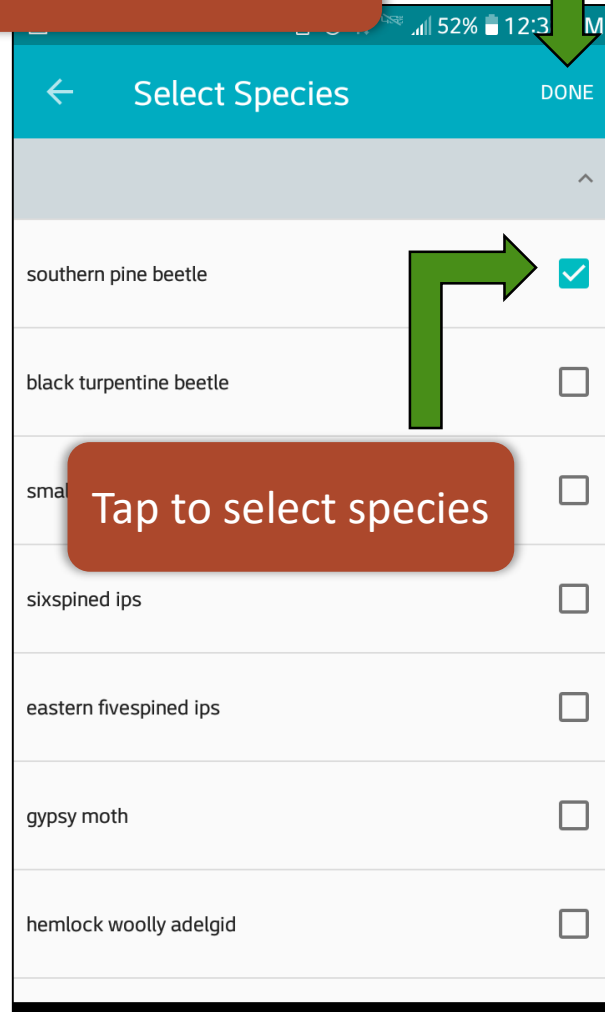
NOTES

SAVE

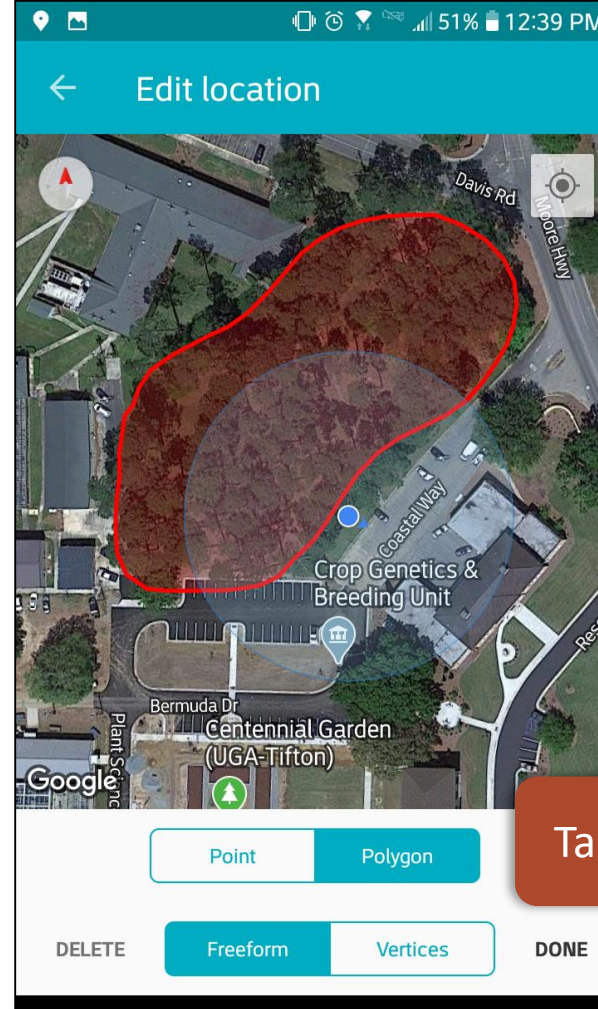
Tap **EDIT** to select species surveyed for and **NOT** found in the Negative Report

Tap **EDIT** in **AREA SURVEYED** to go to the map to draw a polygon of the area surveyed

Tap **DONE** to save species



Tap to select species



Edit Area Surveyed
to draw a polygon

Tap **DONE** to save location

Select **Freeform** or **Vertices**

← Negative Survey

DATE & TIME

02/25/2020


LIST OF SPECIES EDIT

southern pine beetle (*Dendroctonus frontalis*)

TIME SPENT IN MINUTES

5 10 15 30 45 60

AREA SURVEYED EDIT



NOTES

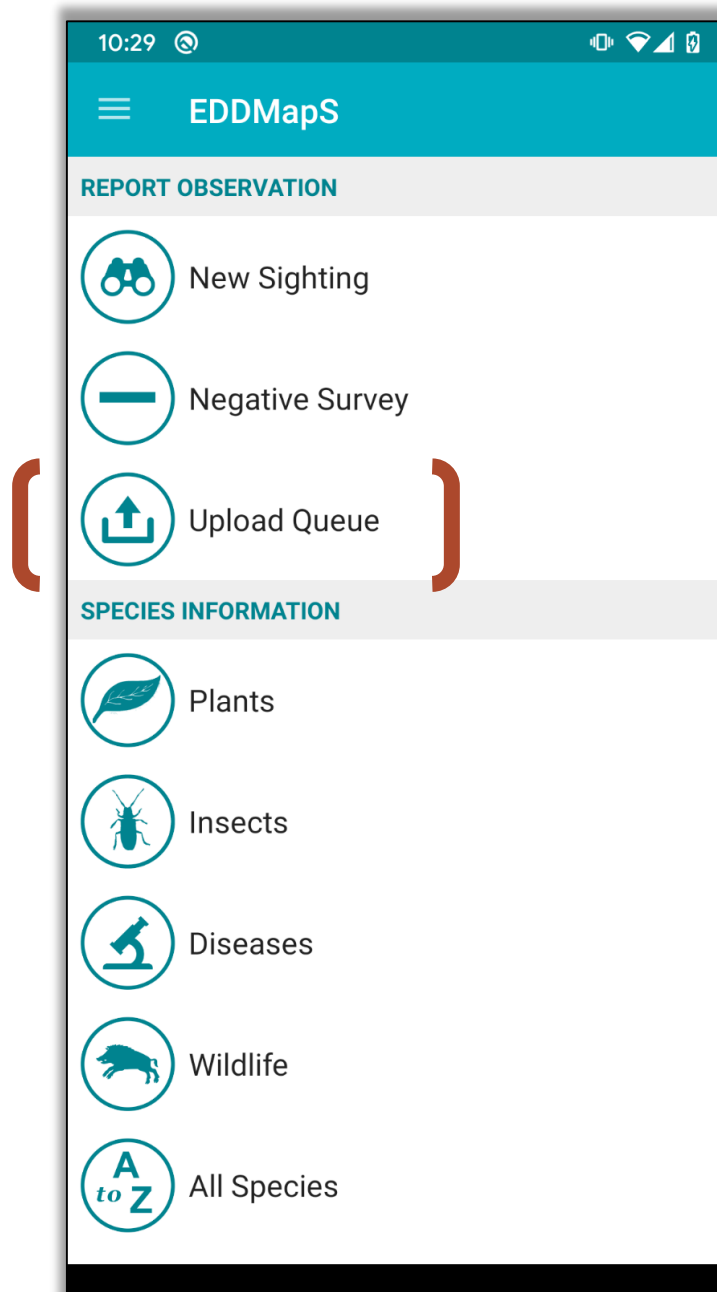
Additional details

SAVE

Be sure to save your
report to the
Upload Queue

Evaluate information
entered for **Negative Survey**
Report for accuracy

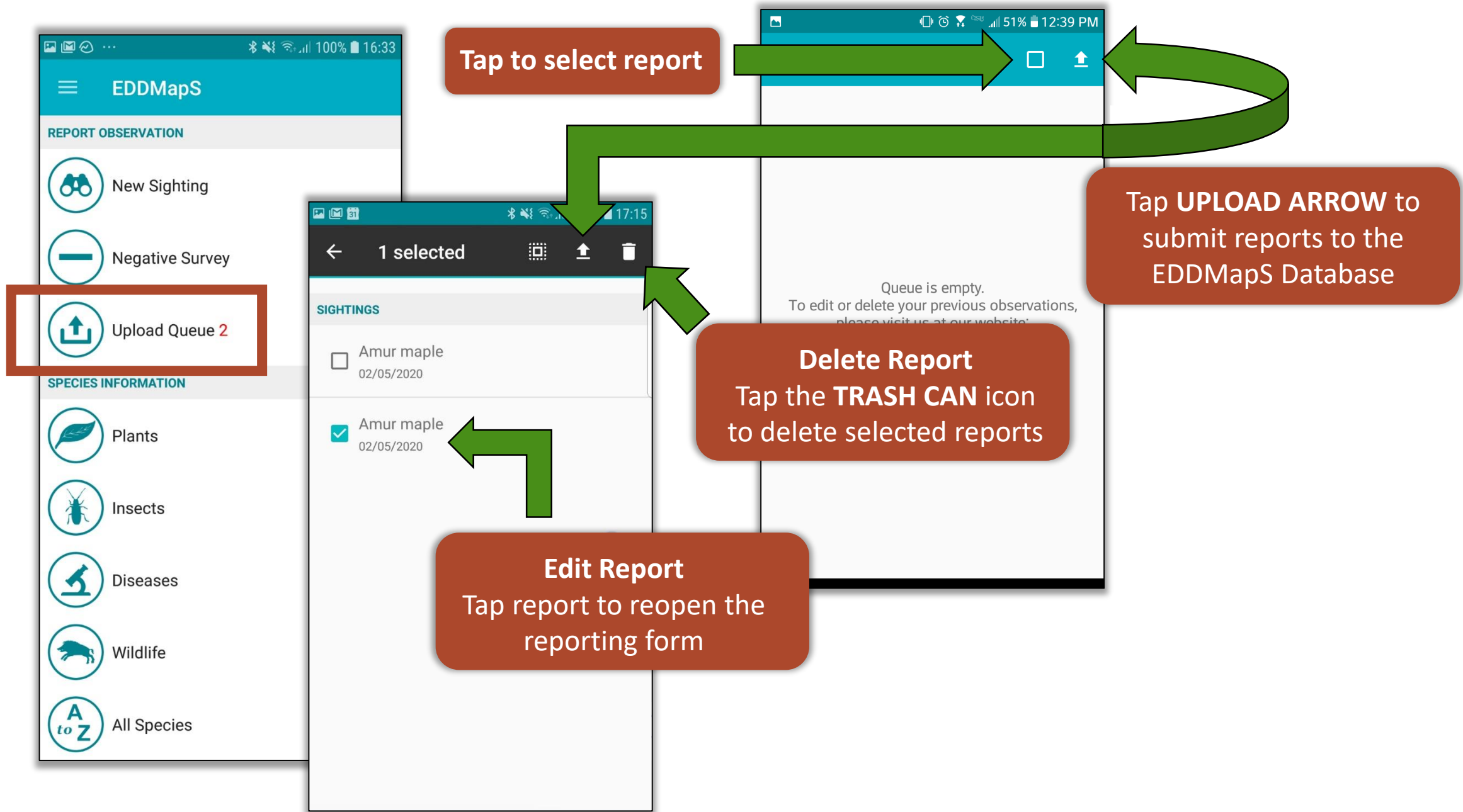
Submitting Reports



Upload Queue

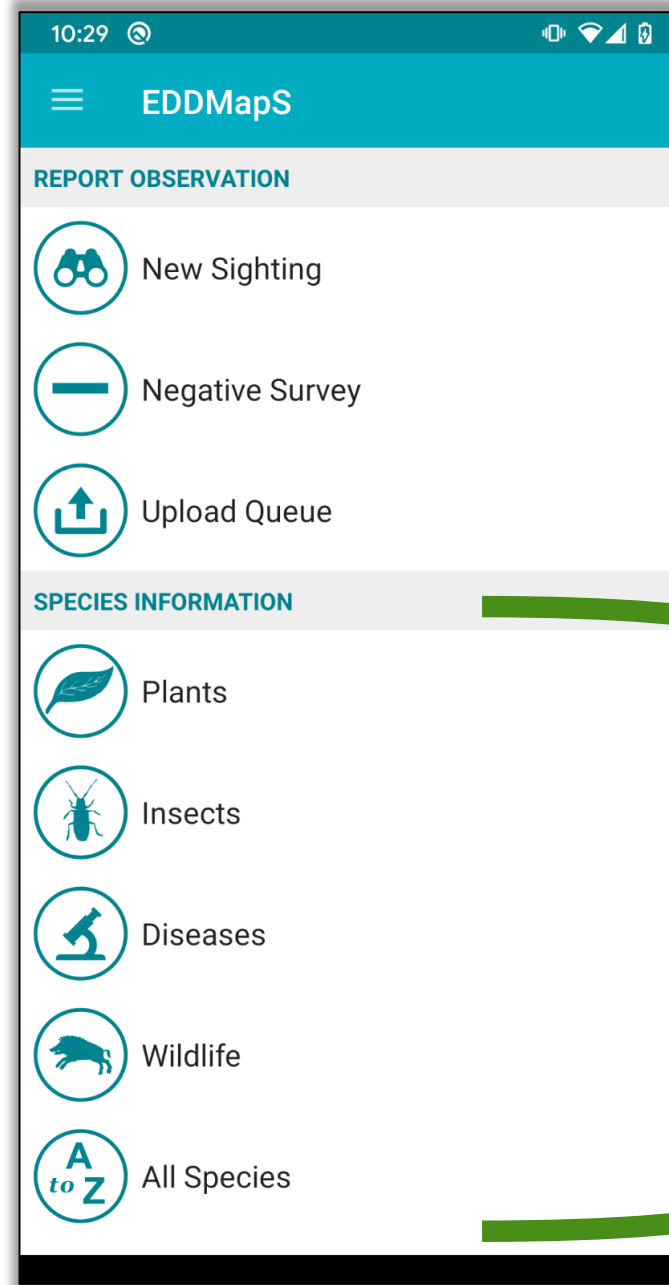
Reports (Negative and Positive) are stored until user is ready to upload*. A successful upload will empty the queue.

*Uploading require access to Wi-Fi or mobile data, once verified, reports are added to the EDDMapS' maps



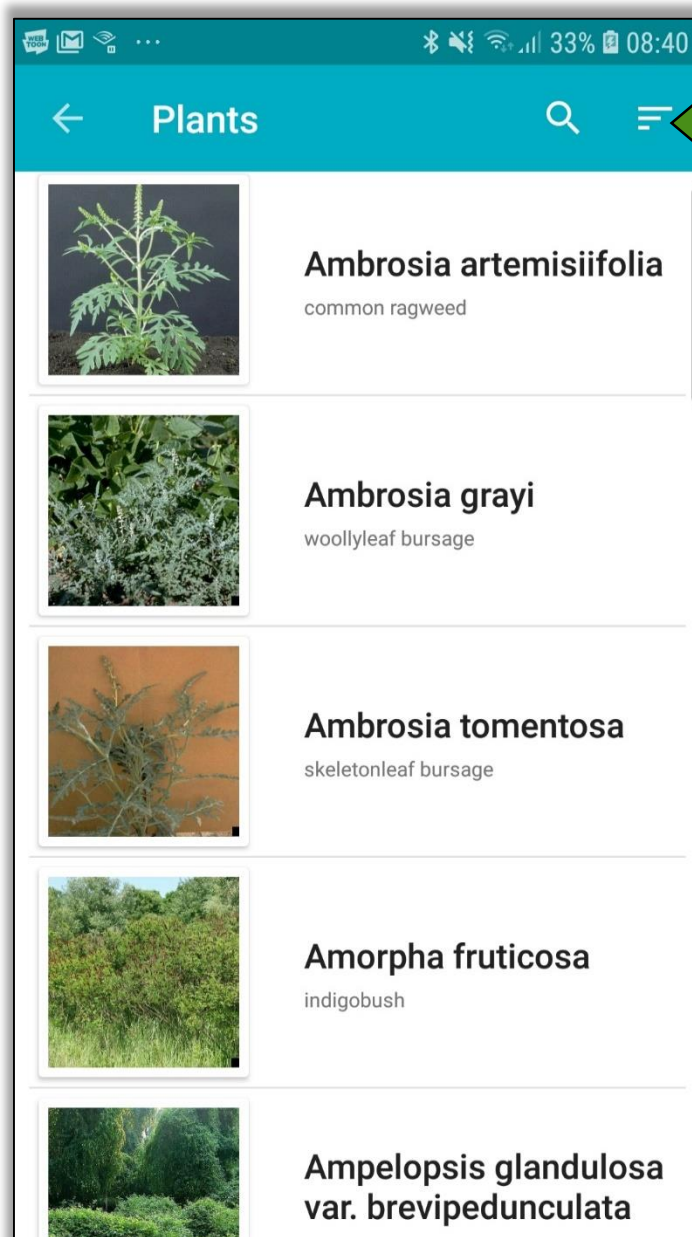
Invasive Species Information

Tap any category
to open a species
field guide



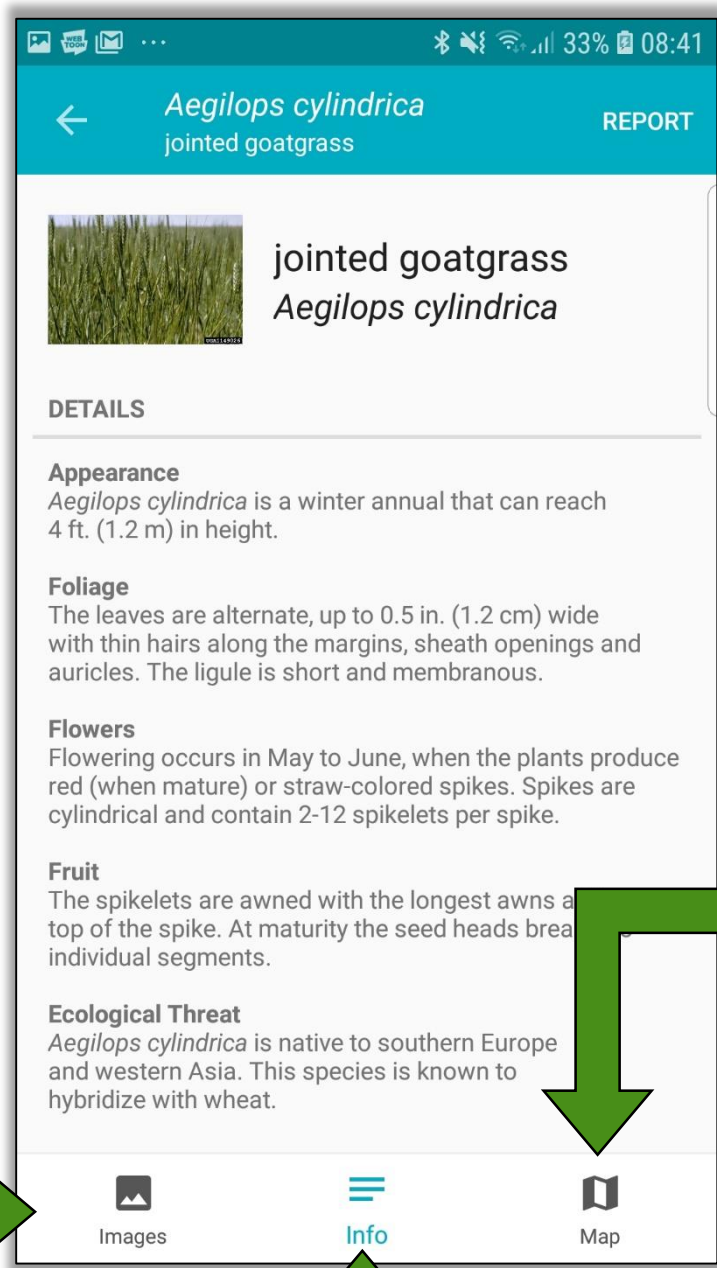
Species Information

Select the category of invasive species (**Plants, Insects, Diseases, Wildlife**) you are interested in or select **All Species** to bring up the entire state's Field Guide list



Sorting and searching features are also present within all of the **Plants**, **Insects**, **Diseases**, and **Wildlife** categories

Sort A-Z
by *Common or Scientific names*



Tap **REPORT** to go to the reporting page for this species

Tap **IMAGES** to see pictures of this species

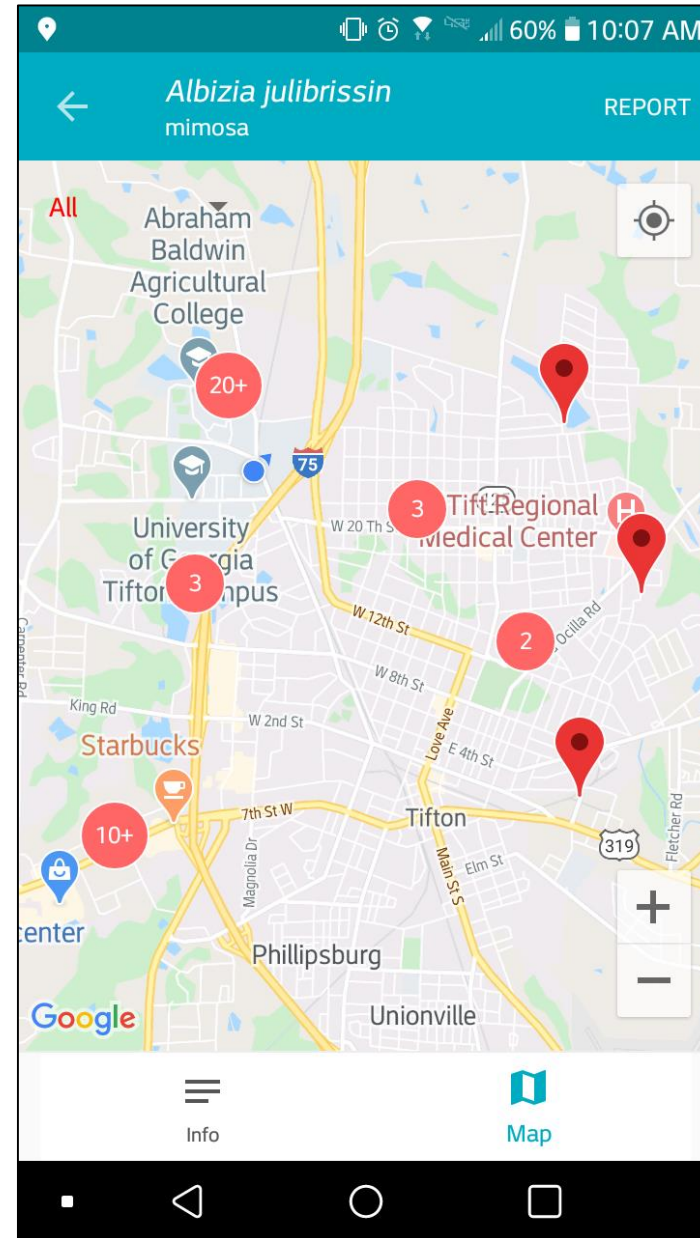
*Tap **MAP** to go to the current point distribution map for this species

Tap **INFO** to see a description of this species

IMAGES shows
identifying
characteristics
of the species



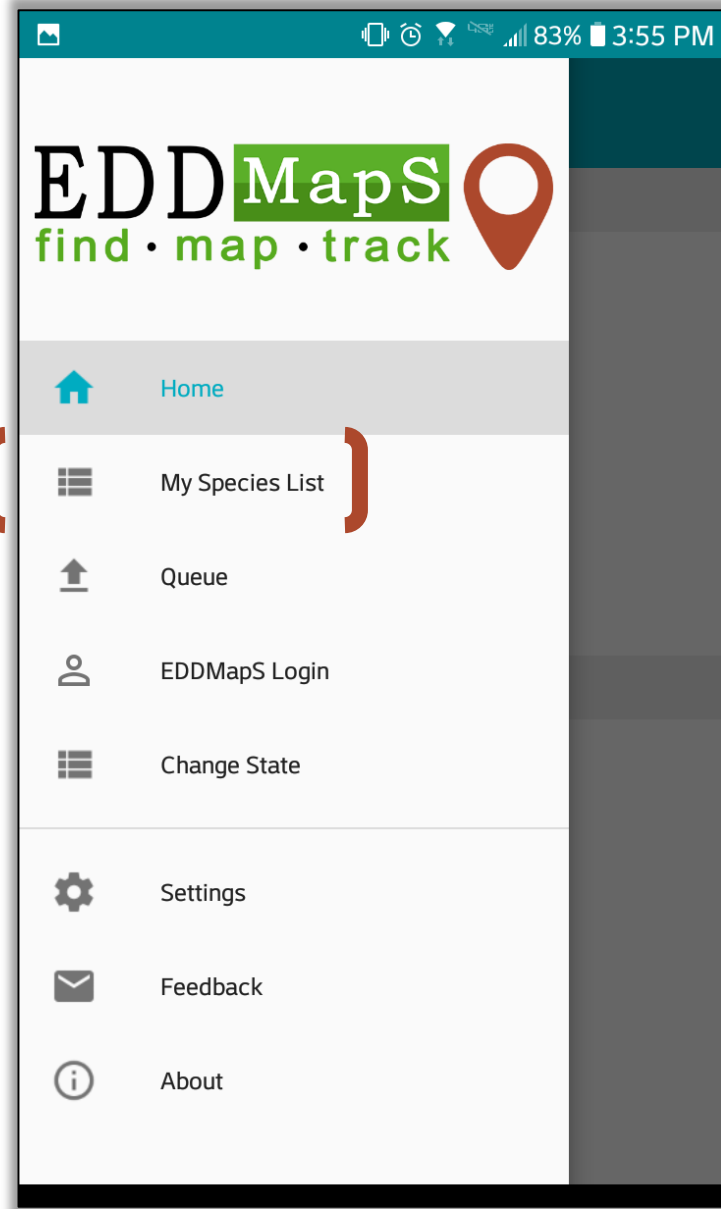
* Swipe left and right to
view additional images



MAP shows the
current point
distribution of
the species**

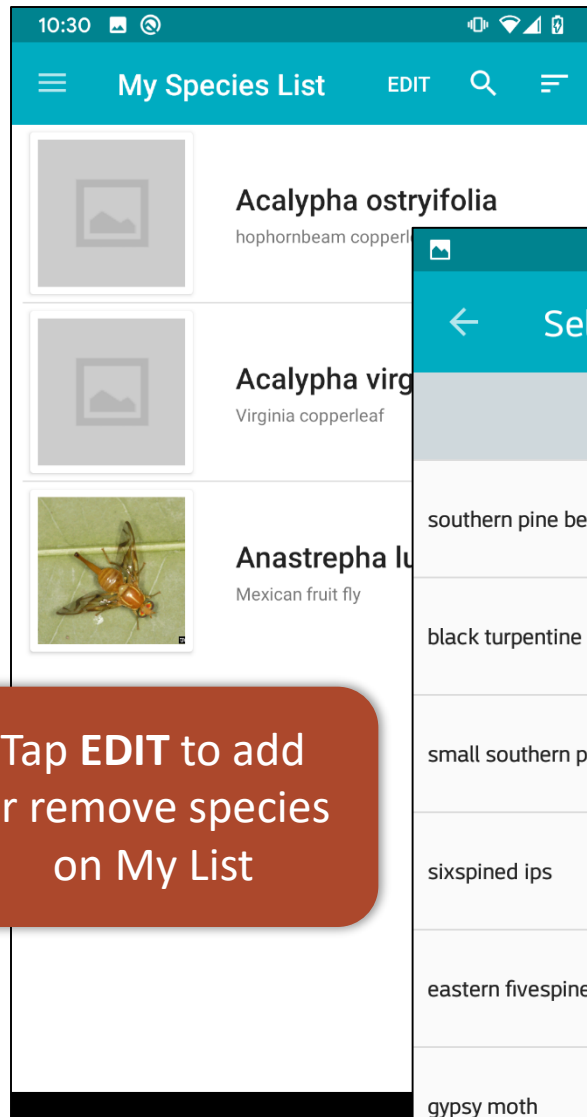
** Must have Wi-Fi or
mobile data to show map

My Species List

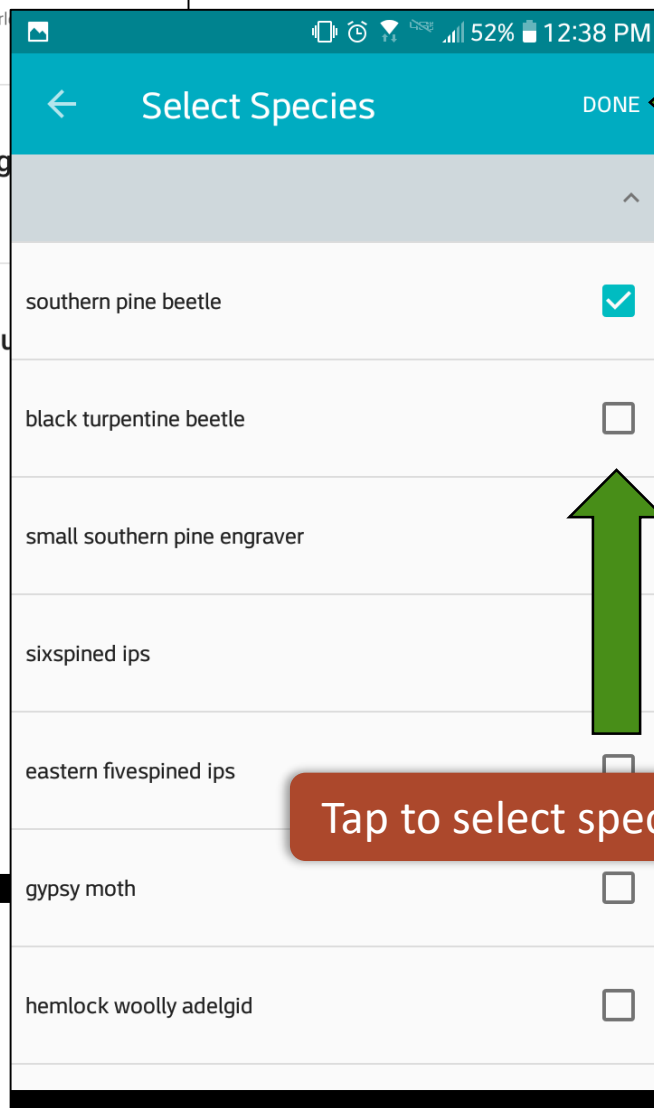


My Species List

Custom list each user can create for quick reporting



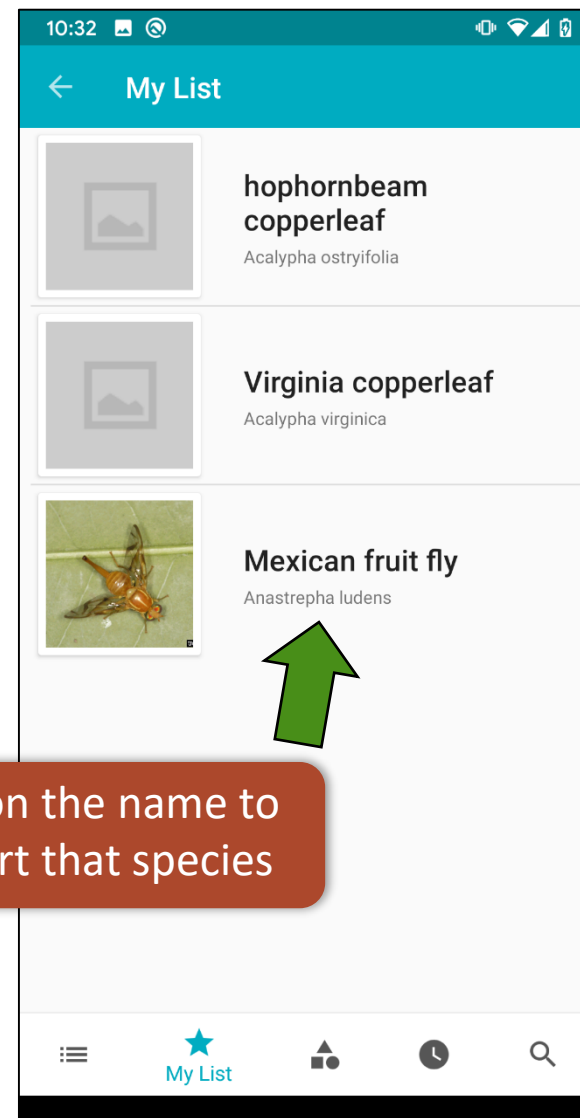
Sort A-Z
by *Common* or *Scientific* names



Tap **DONE** to
save species

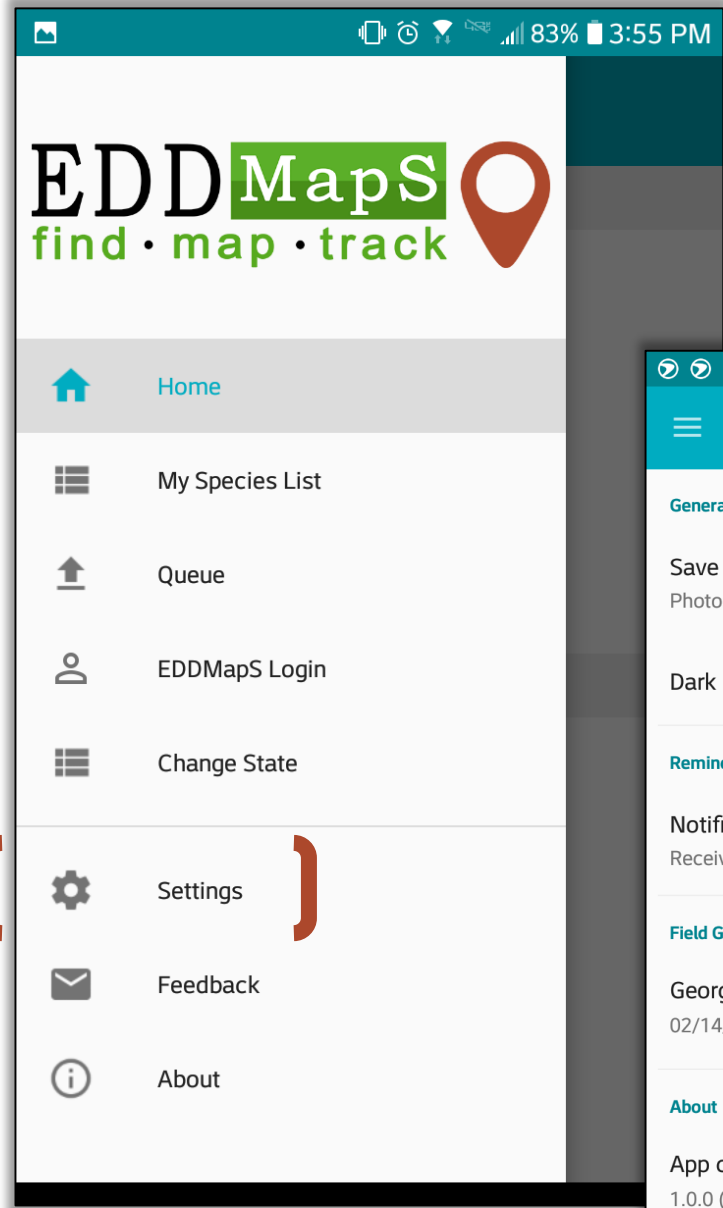
Tap to select species

Tap **EDIT** to add
or remove species
on My List



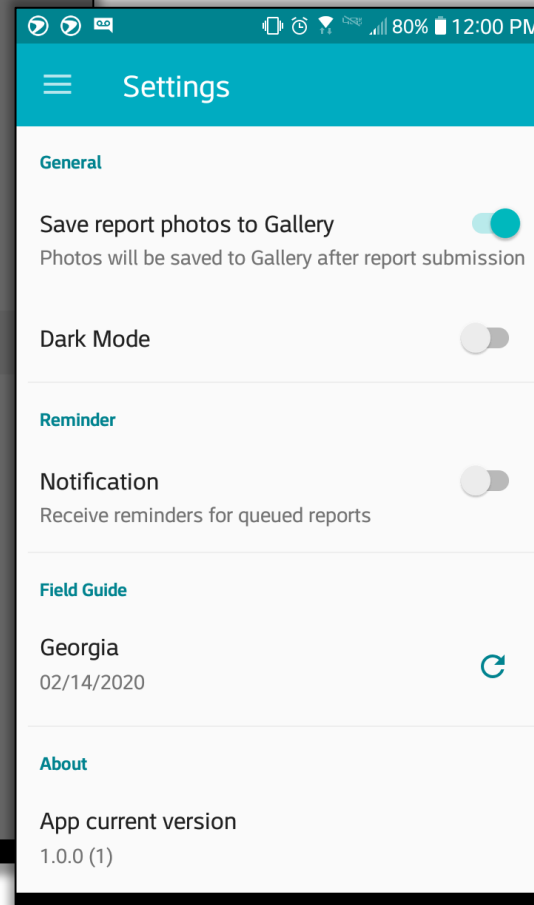
Tap on the name to
report that species

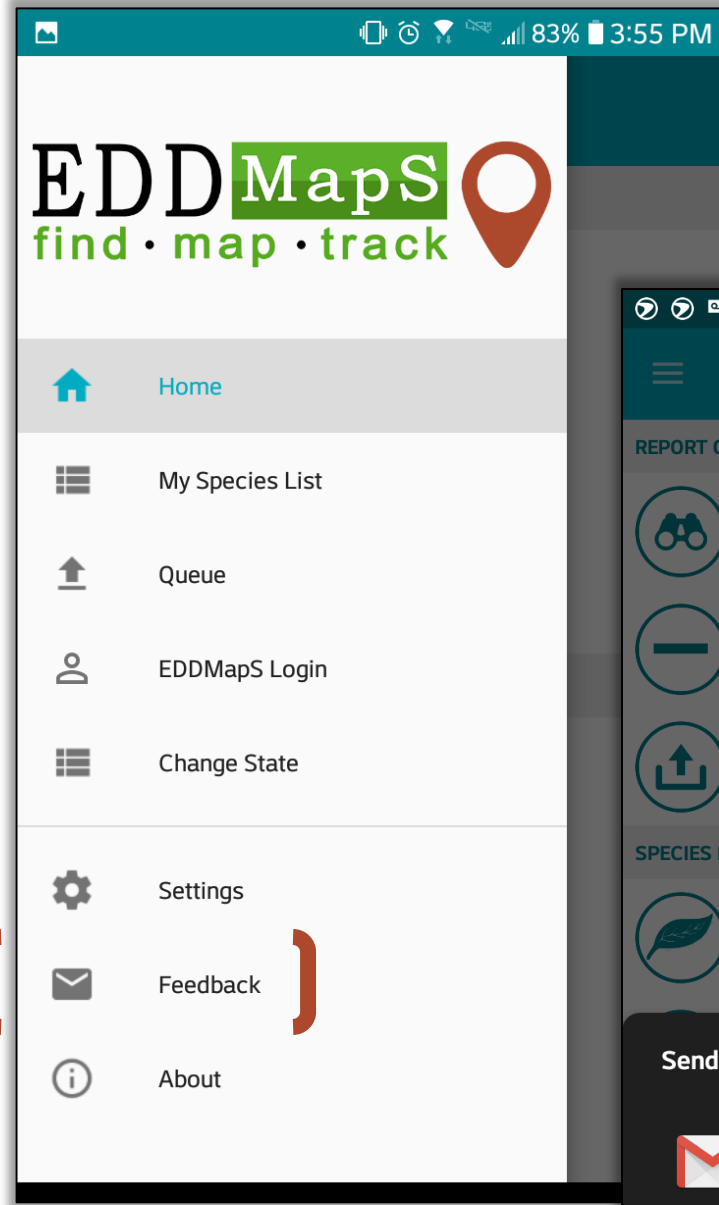
Other Options



Settings

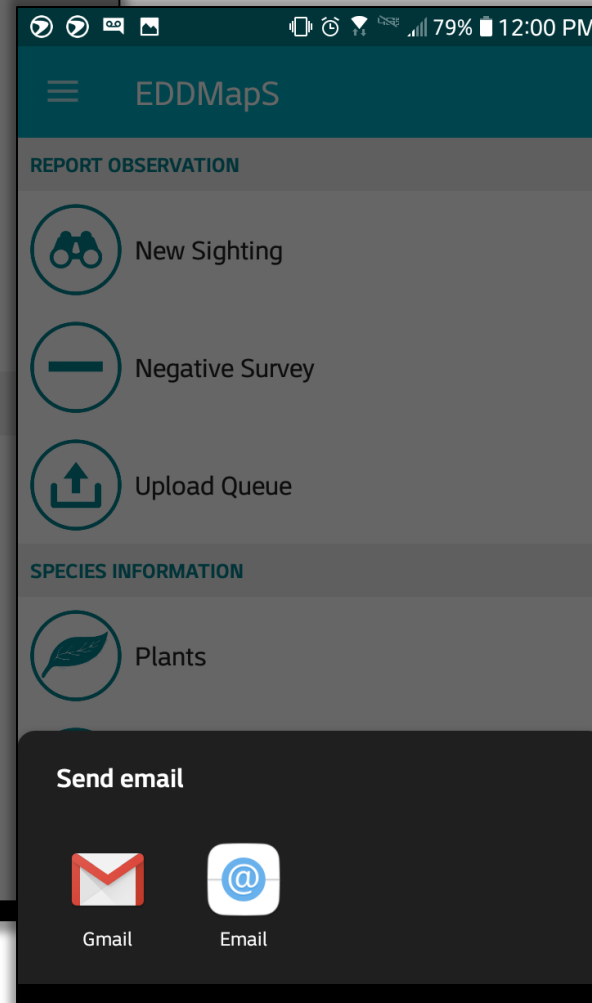
Notifications, selected Field Guide, Dark Mode, Save Report images to gallery

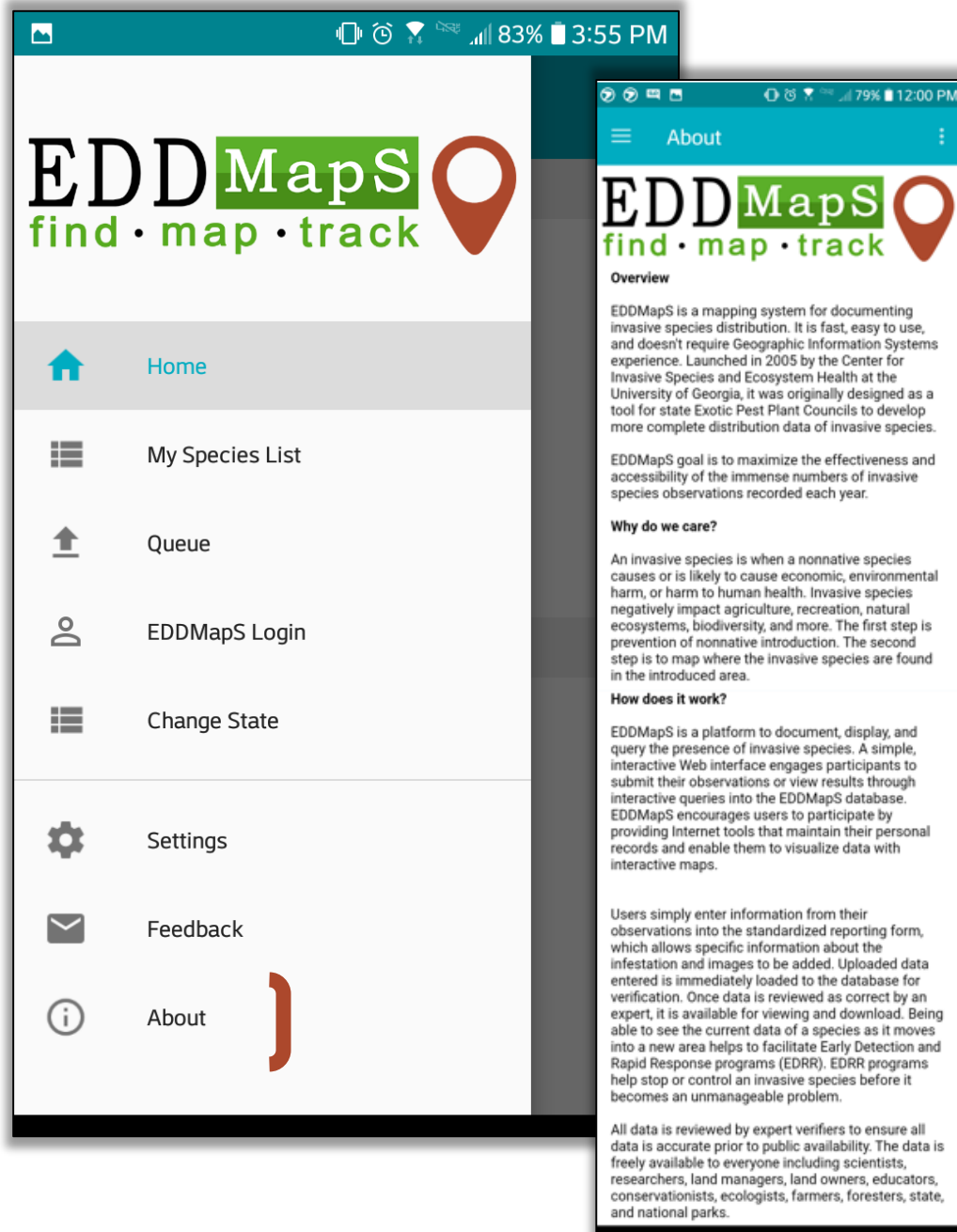




Feedback

Provide information about any issues with the app





About

Provide information about any issues with the app

Additional Information

To access reports:

- Visit www.eddmaps.org
- Login with email address/username and password
- Click on My EDDMapS
 - From here, you can search for reports, view, revisit, edit, and/or delete reports as needed

To report a species not in App

- Select Unknown Animal or Unknown Plant if you don't know what the species is
- Select Unlisted Animal or Unlisted Plant if you do know the species; add species name in the comments
- When you upload the report, you will receive an email requesting that you update the species name if you are able

Additional Information

More Apps? apps.bugwood.org

More Info? www.invasive.org

More Bugwood websites? www.bugwood.org

Additional Questions?

Contact Rebekah Wallace at bekahwal@uga.edu