

EDD **Maps**S

Early Detection & Distribution Mapping System

THE NATIONAL PLATFORM FOR
INVASIVE SPECIES EARLY
DETECTION AND MAPPING

So, what do we need?

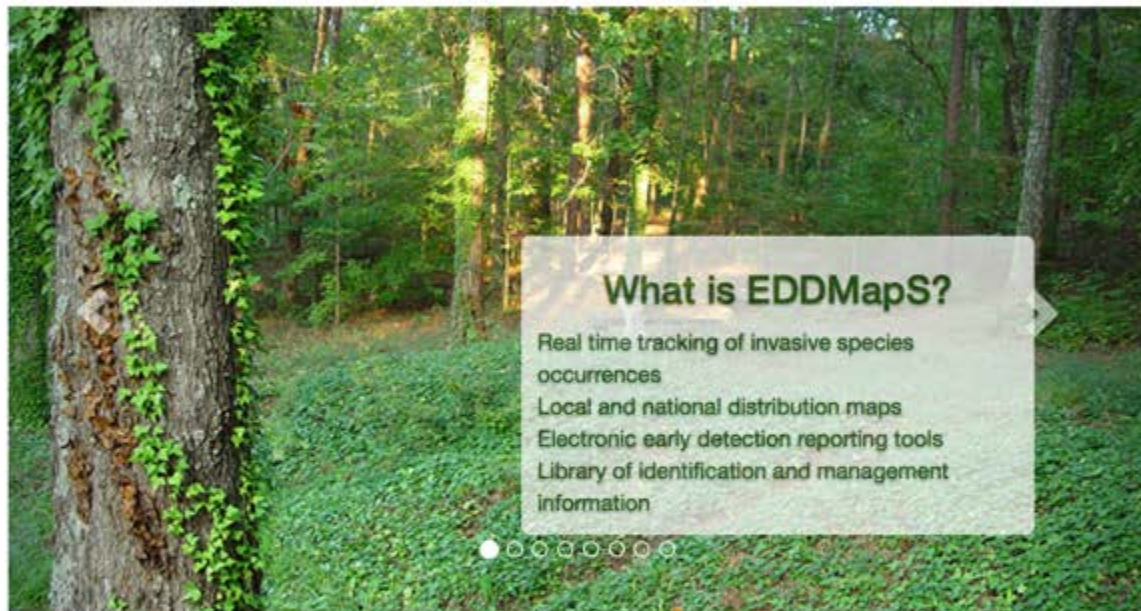
**Common
Operating
Platform**

**Easy
Electronic
Reporting**



Invasive Species Mapping Made Easy!

EDDMapS, started in 2005 with Southeastern U.S. focus, is now providing a picture of the distribution of invasive species across North America



BRING THE POWER OF EDDMAPS TO YOUR SMARTPHONE

Introducing BugwoodApps - comprehensive mobile applications that engage users with invasive species, forest health, natural resource and agricultural management

iPhone | iPad | Android

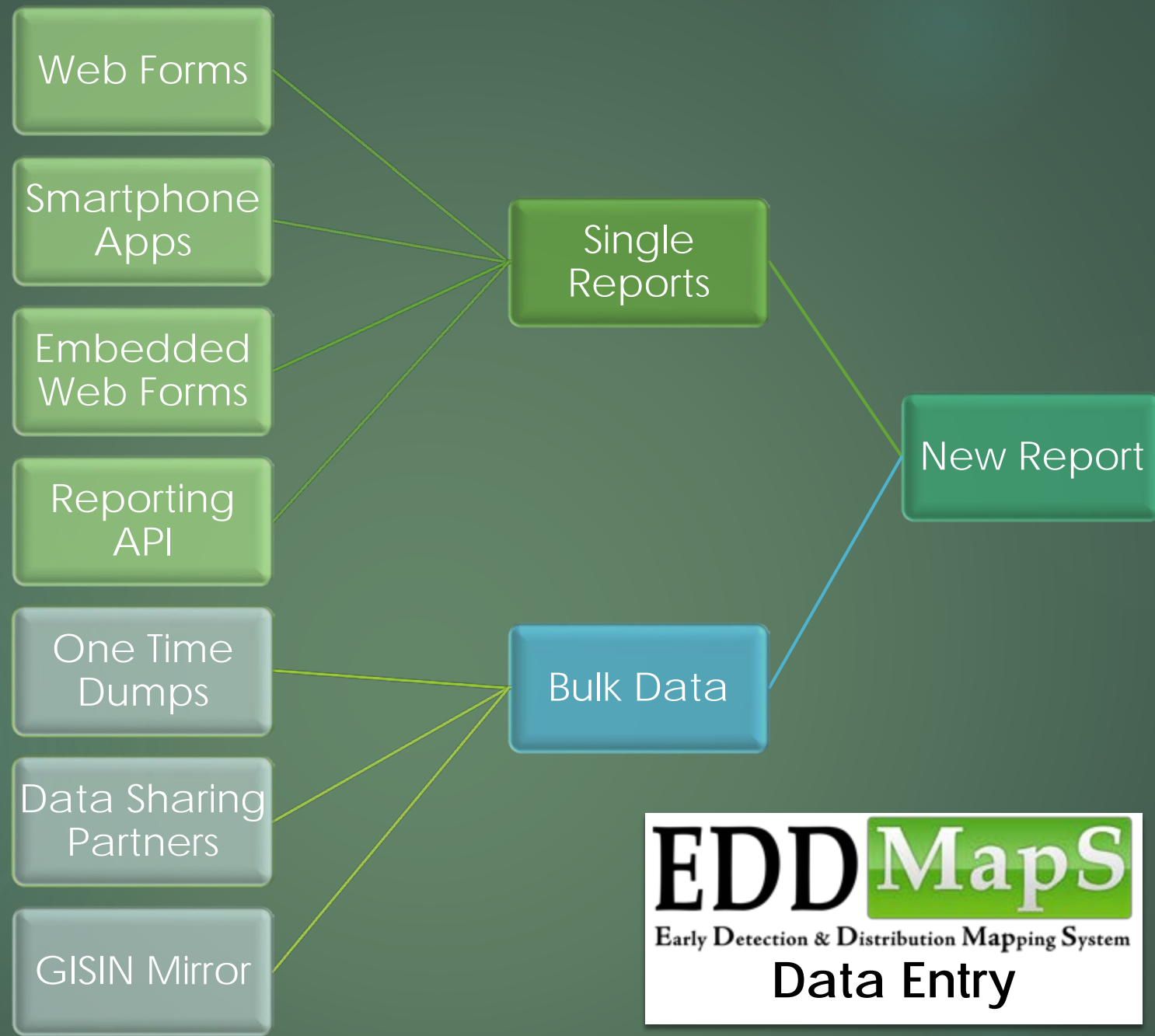
Projects

- ✓ Southeast Early Detection Network
- ✓ EDDMapS West
- ✓ Mid-Atlantic Early Detection Network
- ✓ Invasive Plant Atlas of New England
- ✓ Florida Invasive Species Partnership
- ✓ EDDMapS First Detector Programs
- ✓ EDDMapS Alberta - Alberta Invasive Plants Council
- ✓ EDDMapS Ontario
- ✓ EDDMapS Prairie Region - Manitoba and Saskatchewan
- ✓ Biological Control Agents of Weeds
- ✓ What's Invasive
- ✓ National Wildlife Refuge Early Detection Network for New England
- ✓ Appalachian Trail Conservancy
- ✓ Invaders of Texas
- ✓ Alaska Exotic Plant Information Clearinghouse
- ✓ New Invaders Watch Program
- ✓ Outsmart Invasive Species
- ✓ ReportIN - Indiana

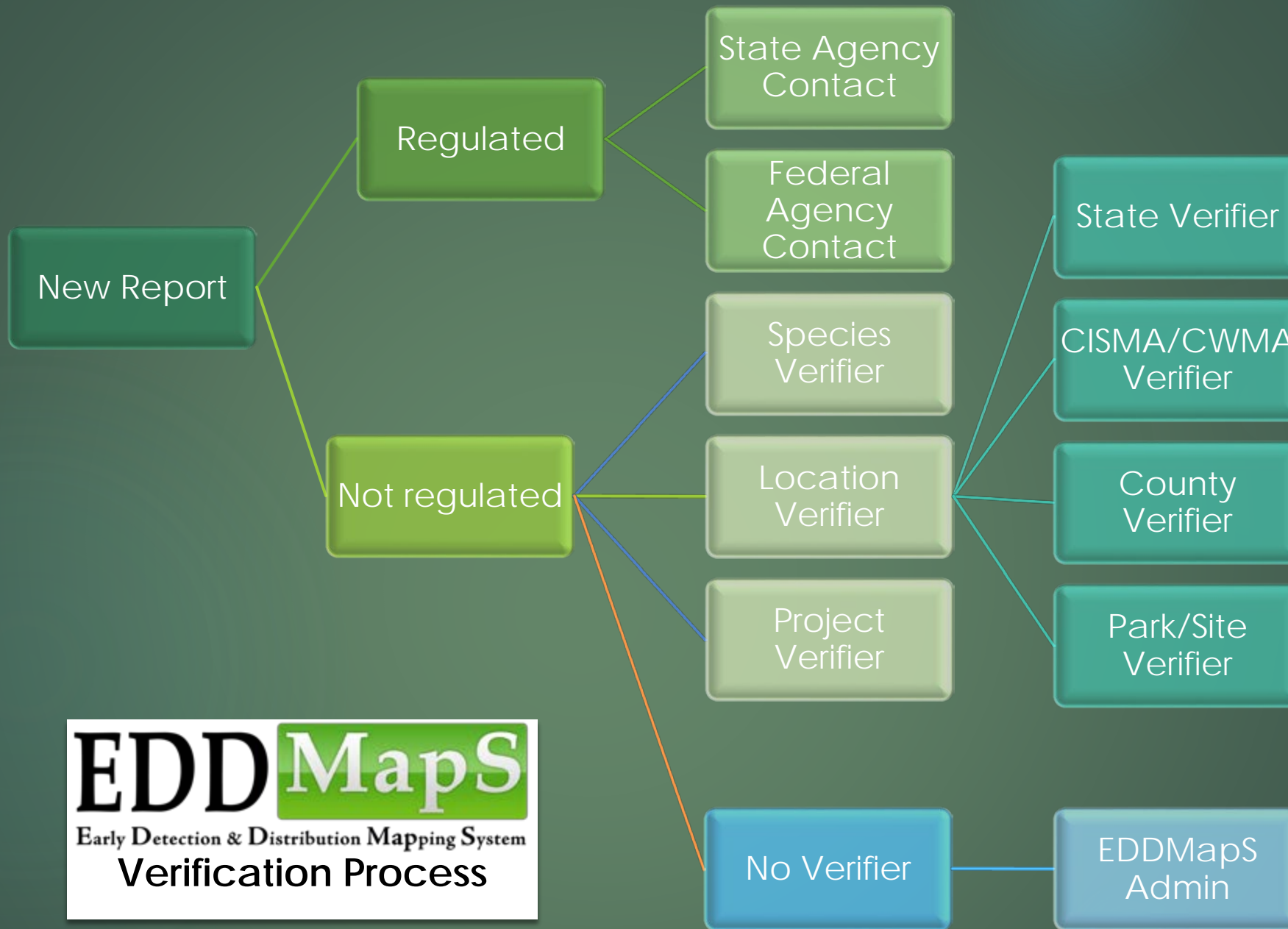
Specific Pest Programs

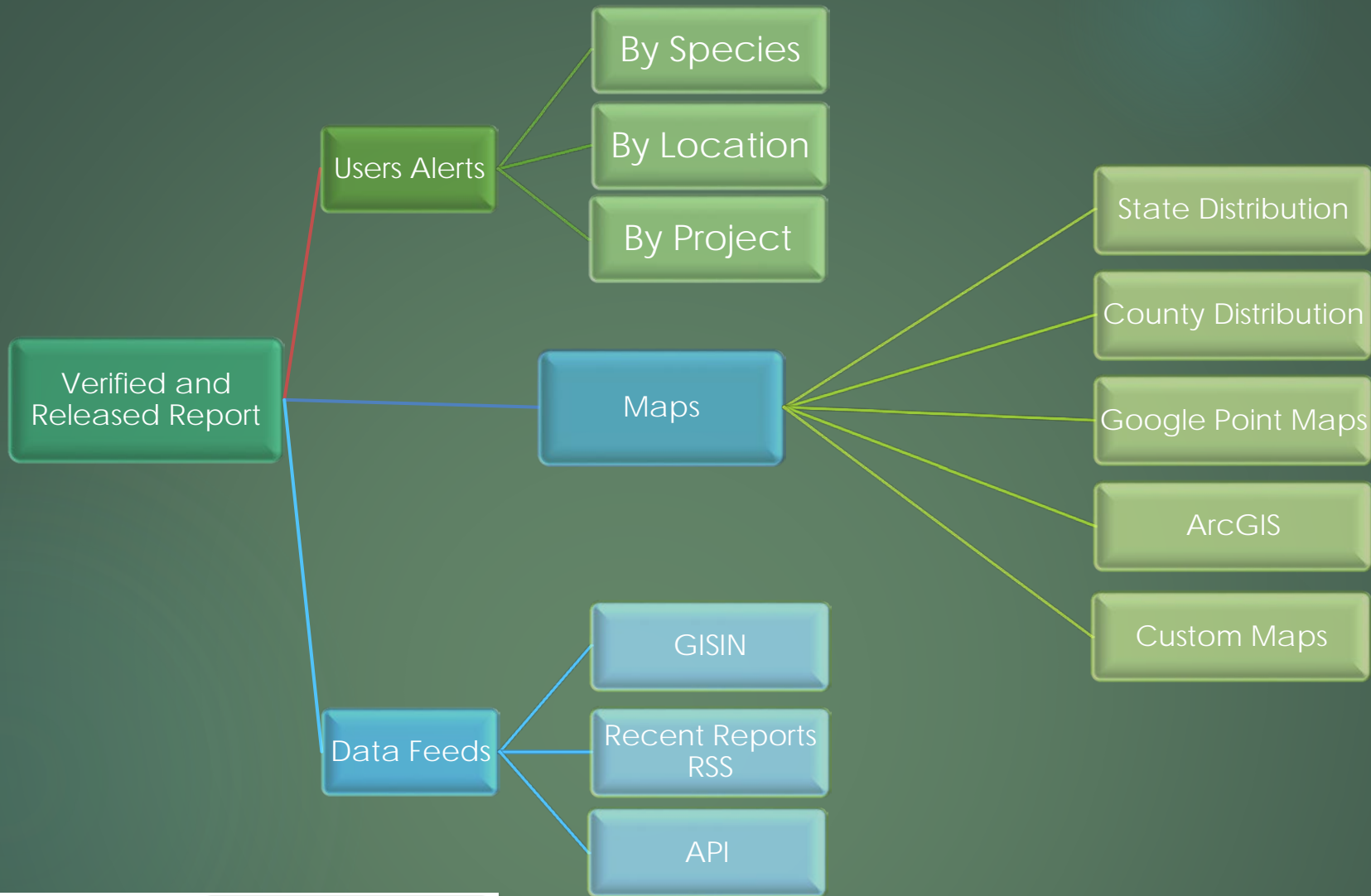
- ✓ Kudzu Bug
- ✓ Brown Marmorated Stink Bug - New York
- ✓ Spotted Wing Drosophila Monitoring Network
- ✓ Crapemyrtle Bark Scale

Statistics



EDD **MapS**
Early Detection & Distribution Mapping System
Data Entry



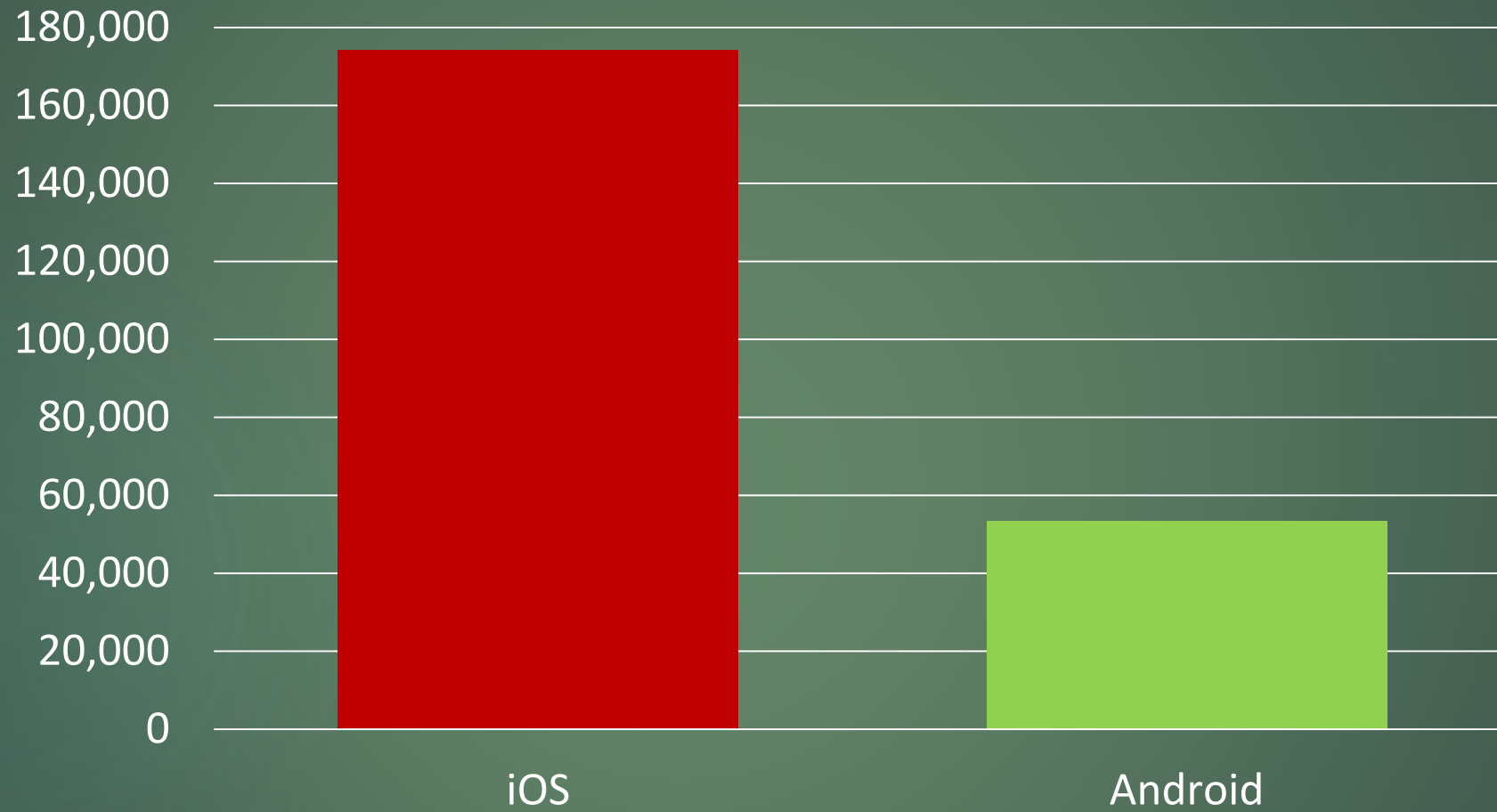




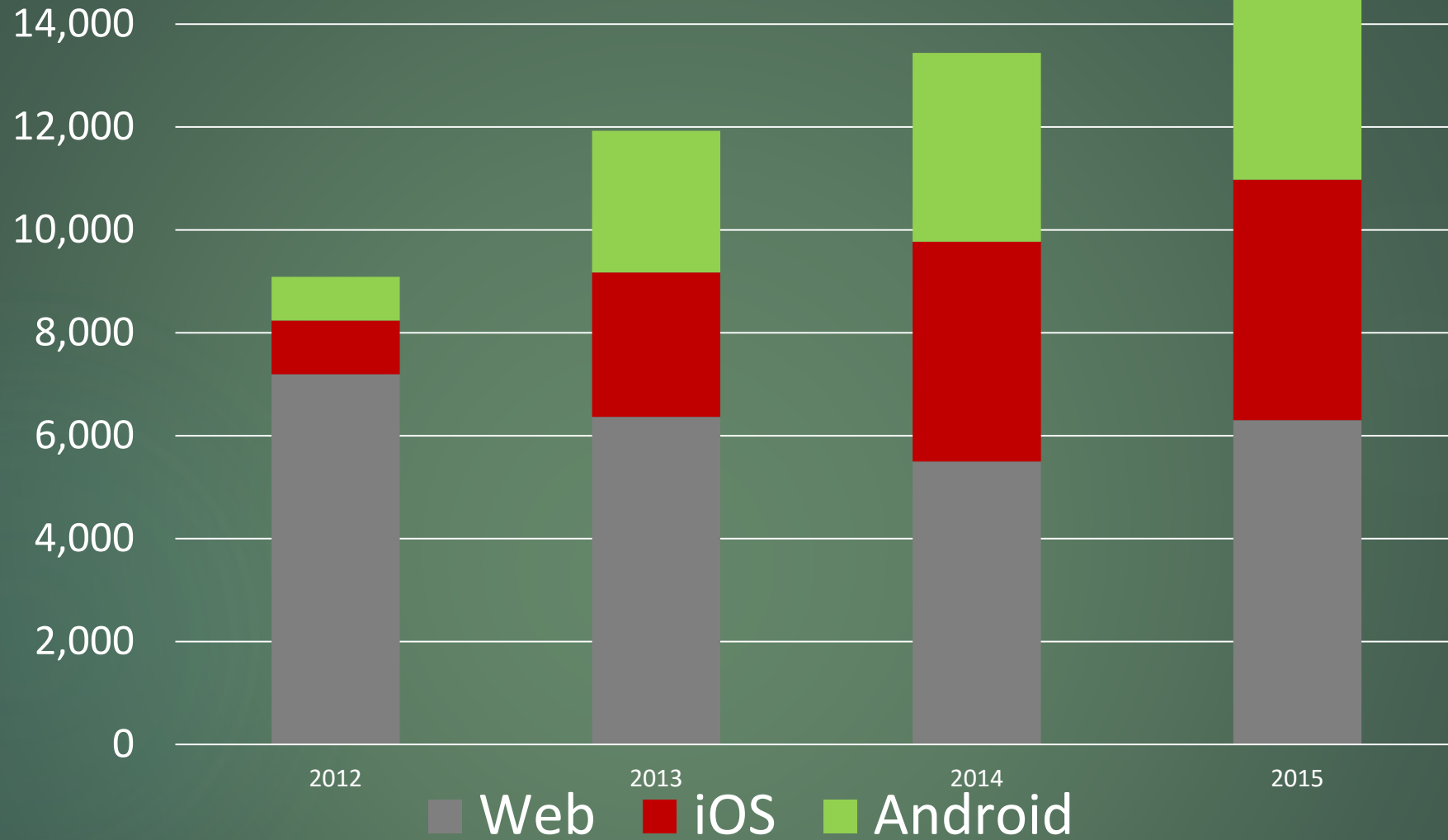


Has It
Worked?

App Downloads



Observations sent to EDDMapS by year

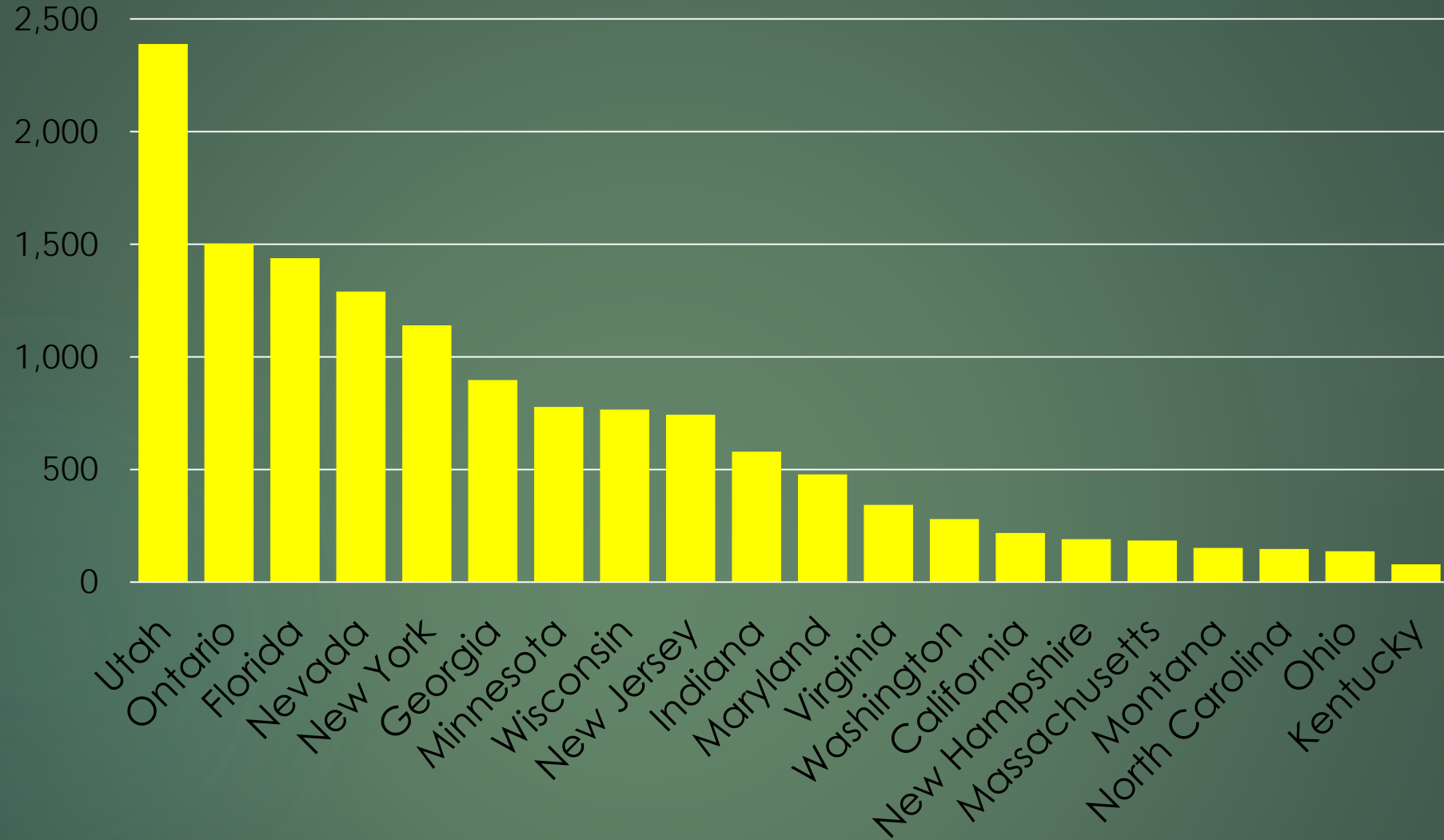


EDDMaps 2015



- Average 41 reports a day in 2015 from web or smartphones
- Most reports in a day: 269 by 38 reporters on July 21, 2015
- 14,514 Reports from 2,048 reporters

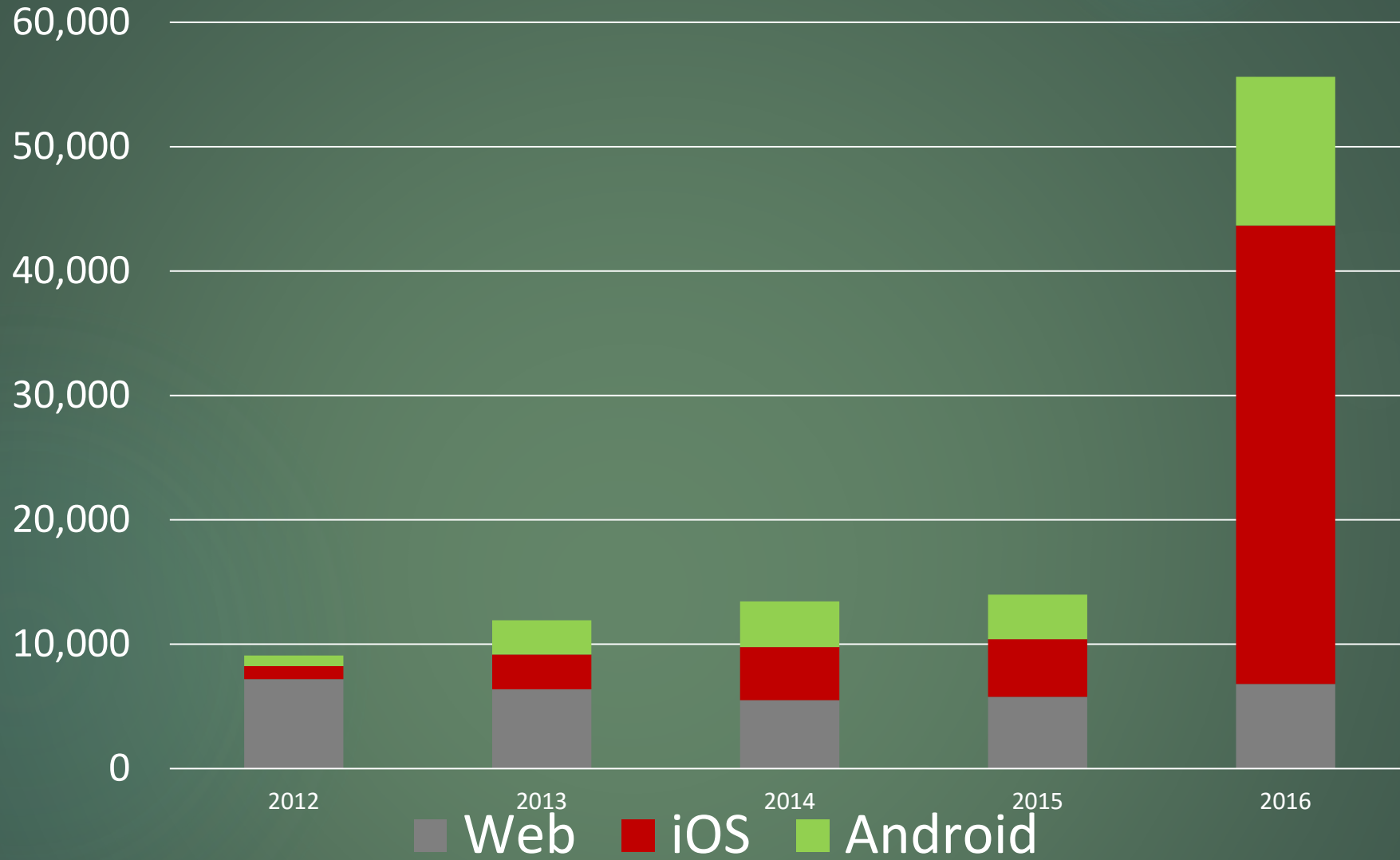
EDDMapS 2015



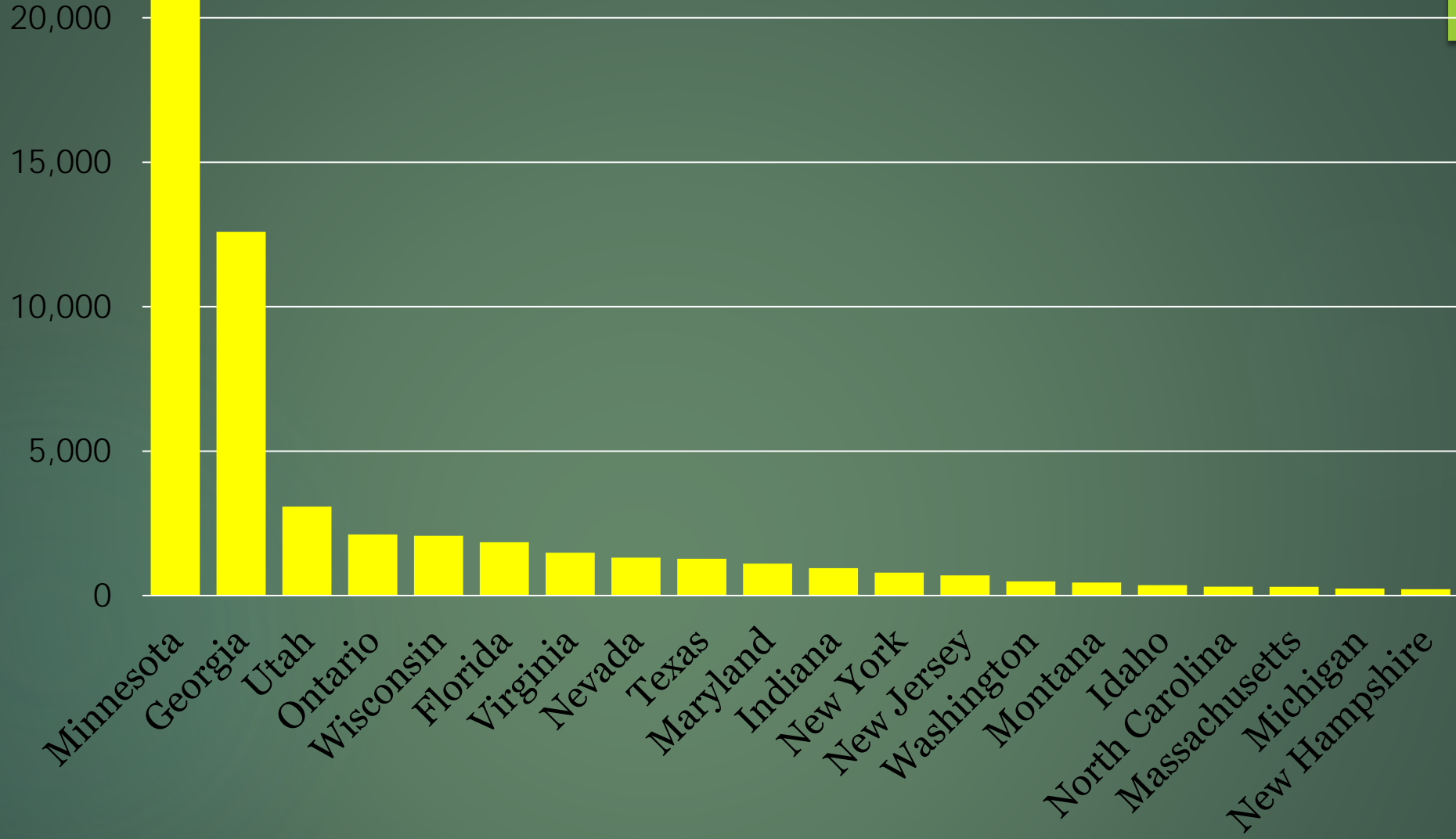
EDDMapS 2016

- ▶ Average 152 reports a day in 2016 from web or smartphones
- ▶ Most reports in a day: 1,496 on August 1, 2016
- ▶ 55,615 Reports in 2016 from 2,638 reporters

Observations sent to EDDMapS by year



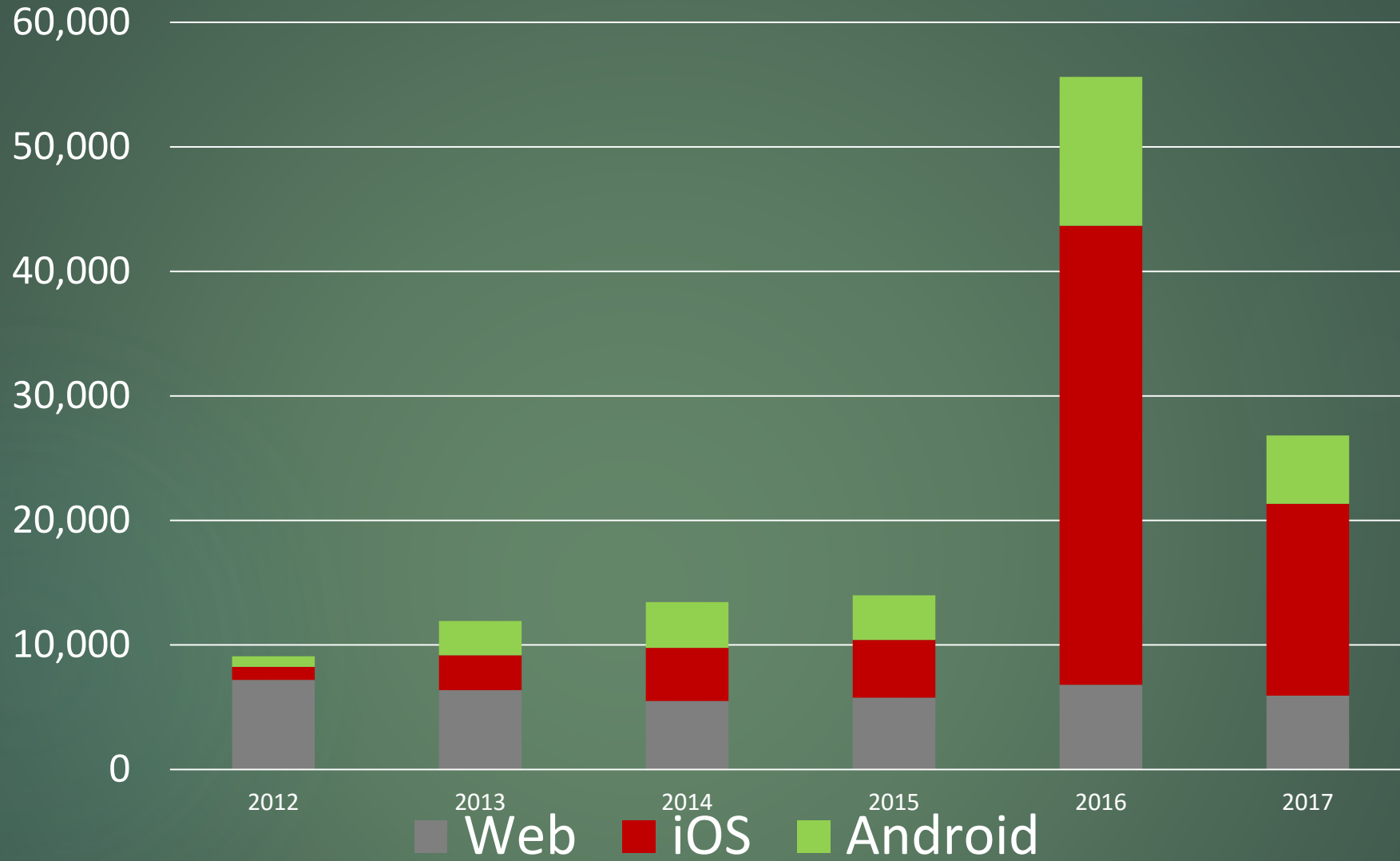
EDDMapS 2016



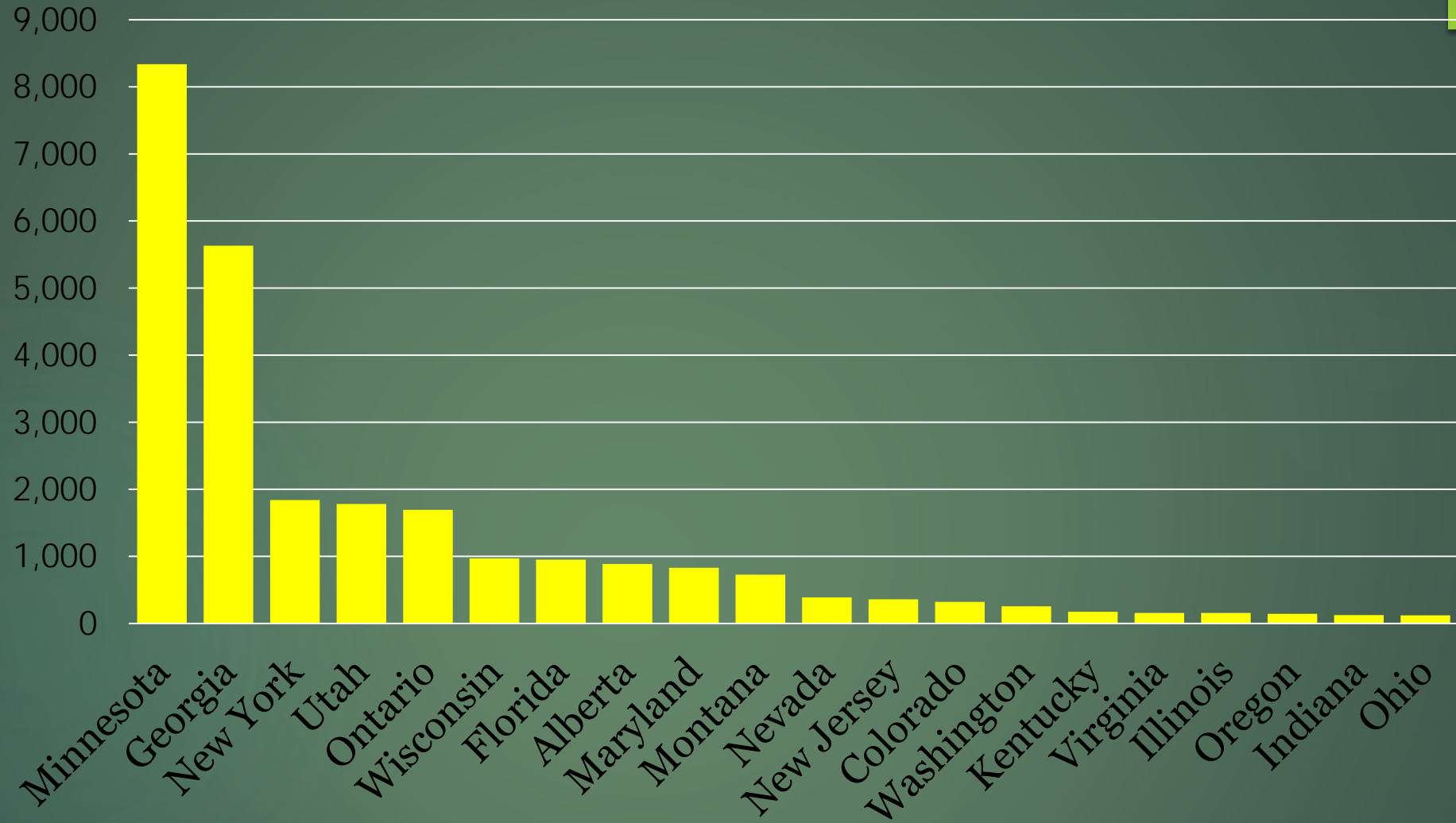
EDDMapS 2017

- ▶ Average 128 reports a day in 2017 from web or smartphones
- ▶ Most reports in a day: 1,004 on April 13, 2017
- ▶ 26,861 Reports in 2017 from 2,638 reporters

Observations sent to EDDMapS by year

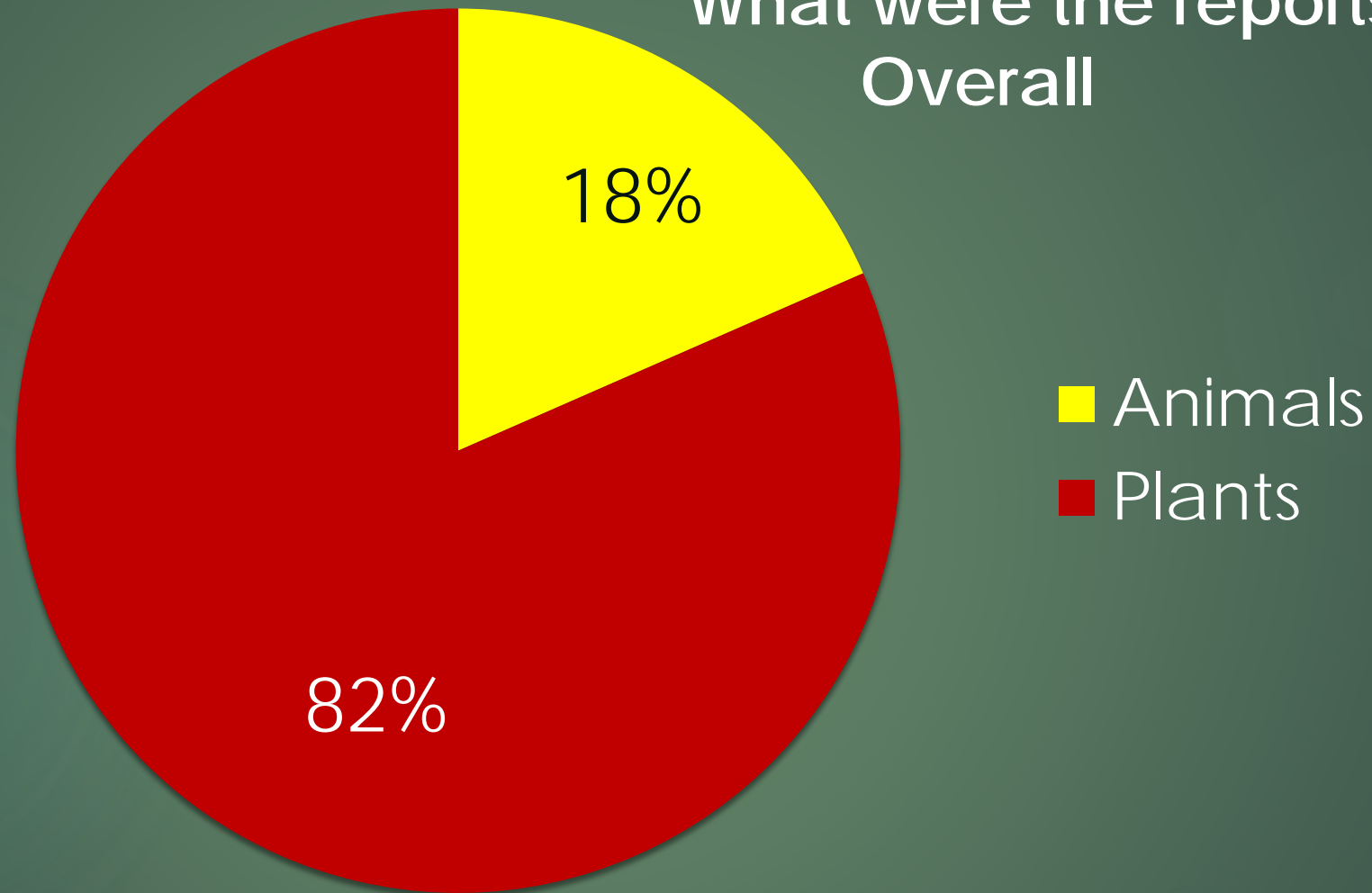


EDDMapS 2017



EDDMapS Florida Statistics

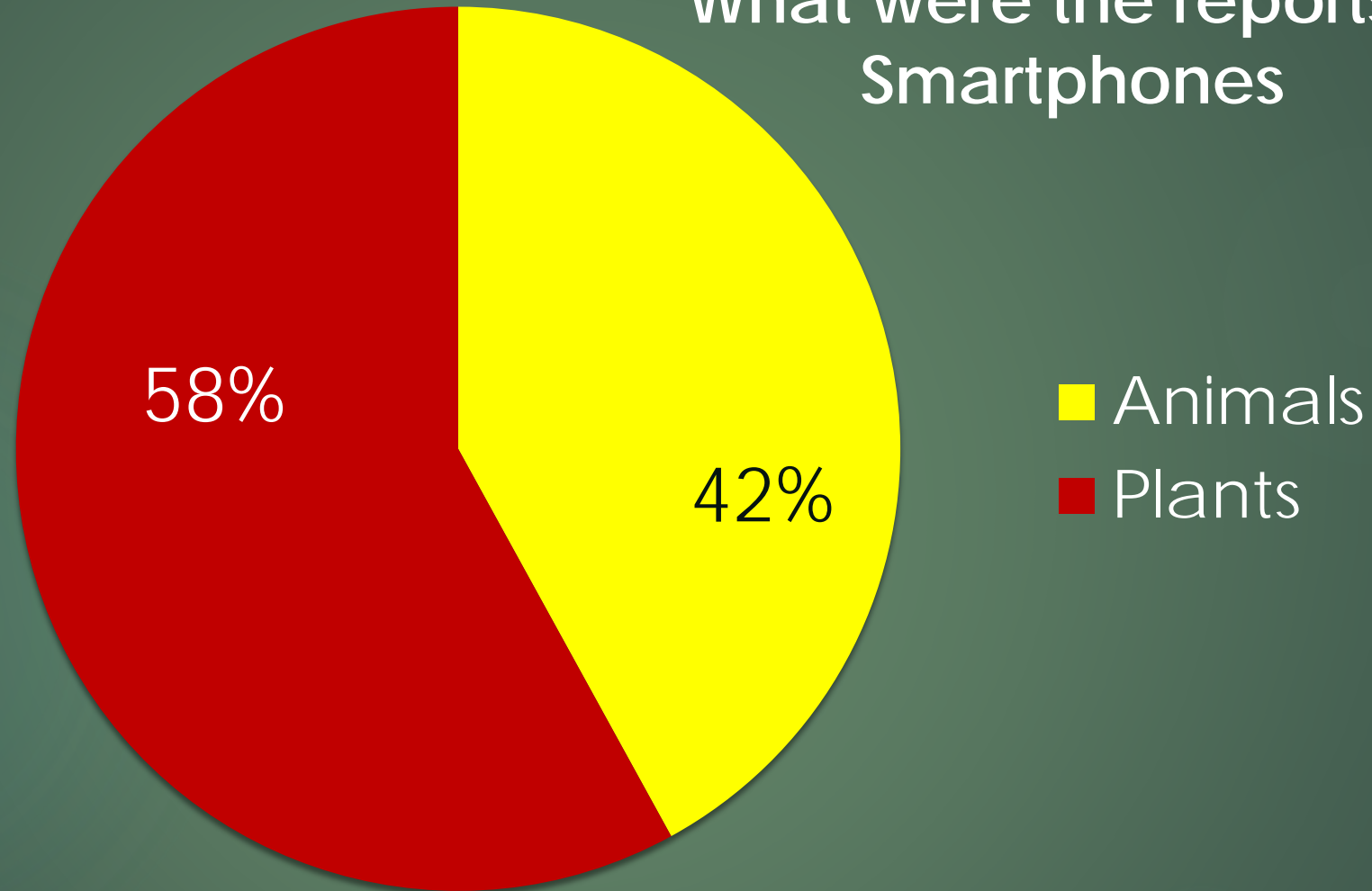
What were the reports?
Overall

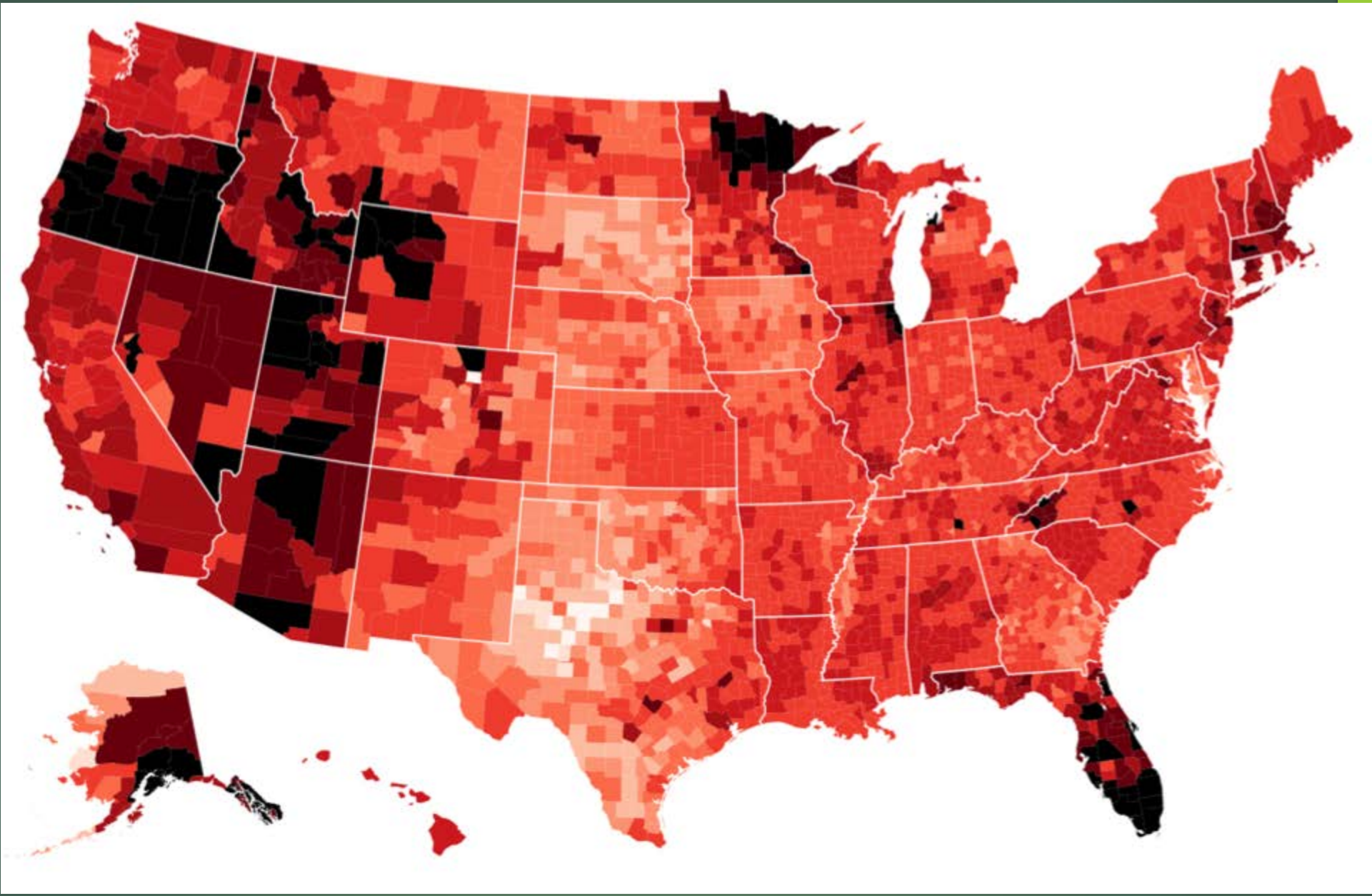


EDDMapS Florida Statistics



What were the reports?
Smartphones







Why Has It
Worked?



Report Invasive Plants and Animals in Indiana



Report IN

Report online at EDDMaps.org/Indiana



Report by smartphone using Great Lakes Early Detections Network app



United States Department of Agriculture
Forest Service



Southern Research Station

Kudzu or English Ivy?



The free new Invasive Plants iPhone App can help ...



Invading Species @invspecies - Sep 12

#MapitMonday: Eurasian water-milfoil - Snap a picture & report sightings to #EDDMapS Ontario or call 1-800-563-7711.



Retweet 3, Like 4



CFIA Canada @CFIA_Canada · Aug 26

Heading out to play #PokemonGo? Keep an eye out for #invasivespecies and report them using #EDDMapS via @invspecies



5 easy steps to get you started using EDDMapS Ontario



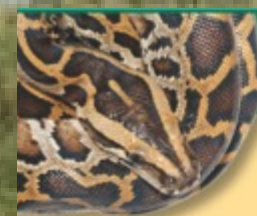


REPORT INVASIVE SPECIES



LIZARDS PYTHONS CHAMELEONS FISH

IveGot1.org 1-888-Ive-Got-1



Seen something exotic?
Report your sighting!

1. Take a picture
2. Note the location
3. Report your sighting

By phone: 888-Ive-Got1 (888-483-4681) Online: IveGot1.org
or download the IveGot1 reporting app.

Knowing the distribution of nonnative species in Florida helps wildlife
biologists plan more effective management strategies.

MyFWC.com/Nonnatives



Anaconda found swimming St. Johns River in Florida

This incident shows how important it is to report sightings of nonnative wildlife including constrictor snakes like this one. If you see nonnative fish and wildlife please report them to our Invasive Species Hotline at 1-888-IveGot1 (1-888-483-4861), online at IVEGOT1.org or by using the free smart phone app IVEGOT1.

If you would like to provide hands-on help to combat nonnatives in Florida, register for the Python Challenge

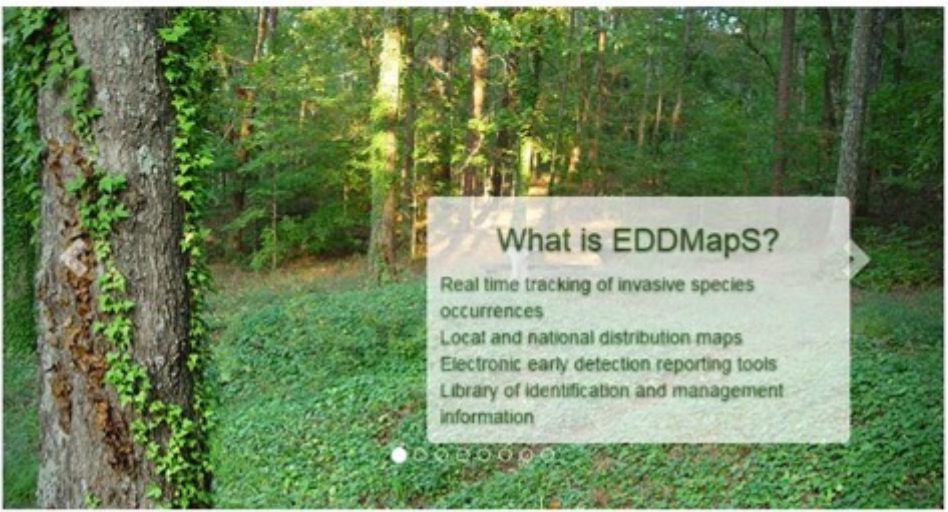
EDD **MapS**



US Army Corps
Of Engineers

TRAINING

Entering Data on the Website



What is EDDMapS?

- Real time tracking of invasive species occurrences
- Local and national distribution maps
- Electronic early detection reporting tools
- Library of identification and management information

Statistics

18,975 Reports
300 Species

Recent Reports

- ✓ common reed by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ purple loosestrife by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ autumn olive by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ Black dog-strangling vine, black swallowwort by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ European buckthorn by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ More Reports

Educational Resources

- ✓ EDDMapS: Invasive Plant Mapping Handbook

✓ Register to create an account

Register

*First name:

*Last Name:

Organization:

Email address:

Verify Email address:

*Password:


*Verify Password:

Unit / Department:

Phone Number:

Are you a First detector:

State:

I'm not a robot 

Become a participant!

- ✓ Sign in
- ✓ Choose your project

Choose Your Project

Search:

Project Name	District	Division
Berlin Lake	Great Lakes & Ohio River	Pittsburgh
Crooked Creek Lake	Great Lakes & Ohio River	Pittsburgh
Conemaugh River Lake	Great Lakes & Ohio River	Pittsburgh
Kinzua Dam and Allegheny Reservoir	Great Lakes & Ohio River	Pittsburgh
Mosquito Creek Lake	Great Lakes & Ohio River	Pittsburgh
Michael J Kirwan Dam and Reservoir	Great Lakes & Ohio River	Pittsburgh
Loyalhanna Lake	Great Lakes & Ohio River	Pittsburgh
Mahoning Creek Lake	Great Lakes & Ohio River	Pittsburgh
Tionesta Lake	Great Lakes & Ohio River	Pittsburgh
Stonewall Jackson Lake	Great Lakes & Ohio River	Pittsburgh
Shenango River Lake	Great Lakes & Ohio River	Pittsburgh
Youghiogheny River Lake	Great Lakes & Ohio River	Pittsburgh
Woodcock Creek Lake	Great Lakes & Ohio River	Pittsburgh
Tuscarora Lake	Great Lakes & Ohio River	Pittsburgh

Showing 1 to 14 of 398 entries



Choose Your Project

Search: miss

Project Name	District	Division
Rend Lake	Mississippi Valley	St. Louis
Smithland Lock - Ohio River Locks and Dams	Mississippi Valley	St. Louis
Wappapello Lake	Mississippi Valley	St. Louis
Lake Shelbyville	Mississippi Valley	St. Louis
Kaskaskia Lock - Kaskaskia River Navigation	Mississippi Valley	St. Louis
Illinois Waterway	Mississippi Valley	St. Louis
Mississippi River between Ohio River & Missouri River (regulating works)	Mississippi Valley	St. Louis
Mississippi River between Missouri River and Minneapolis	Mississippi Valley	St. Louis
Clarence Cannon Dam and Mark Twain Lake	Mississippi Valley	St. Louis
Carlyle Lake	Mississippi Valley	St. Louis
Bigstone Lake Whetstone River	Mississippi Valley	St. Paul
Cross Lake - reservoirs at headwaters of Mississippi River	Mississippi Valley	St. Paul
Eau Galle River Lake	Mississippi Valley	St. Paul

Showing 1 to 15 of 50 entries

Search by District

3 Ways to Search

Choose Your Project

Search: galv

Project Name	District	Division
Somerville Lake	Southwestern	Galveston
Town Bluff Dam and B A Steinhagen Lake	Southwestern	Galveston

Showing 1 to 2 of 2 entries

Search by Division

Choose Your Project

Search: benb

Project Name	District	Division
Benbrook Lake	Southwestern	Fort Worth

Showing 1 to 1 of 1 entries

Search by Project Name



Choose the species

- ✓ Choose the type of species you are reporting
- ✓ For this training we are using Plants

[Home](#)

[Report Sightings](#)

[Distribution Maps](#)

[Species Information](#)

[Tools & Training](#)

[My EDDMapS](#)

[About](#)

[sign out](#)

Click on the type of species you would like to report.



The Web form has Four Sections

1. Information on the Pest
2. Information on the Location
3. Images
4. Additional Notes

4-Additional
Notes

The screenshot shows the 'Report an Invasive Plant Occurrence at Benbrook Lake' web form. The form is organized into several sections: 'Species' (with a search field), 'Information' (including status, observation date, infested area, source area, and canopy closure), 'Location' (with state, county, latitude, and longitude fields, and a map), 'Images' (with five image upload slots, each with a caption and photo by field), and 'Additional Information' (with a comments field and a 'Submitted Report' button). The form is titled 'Report an Invasive Plant Occurrence at Benbrook Lake' and includes a navigation bar at the top with links like 'Home', 'Report Sightings', and 'Species Information'.

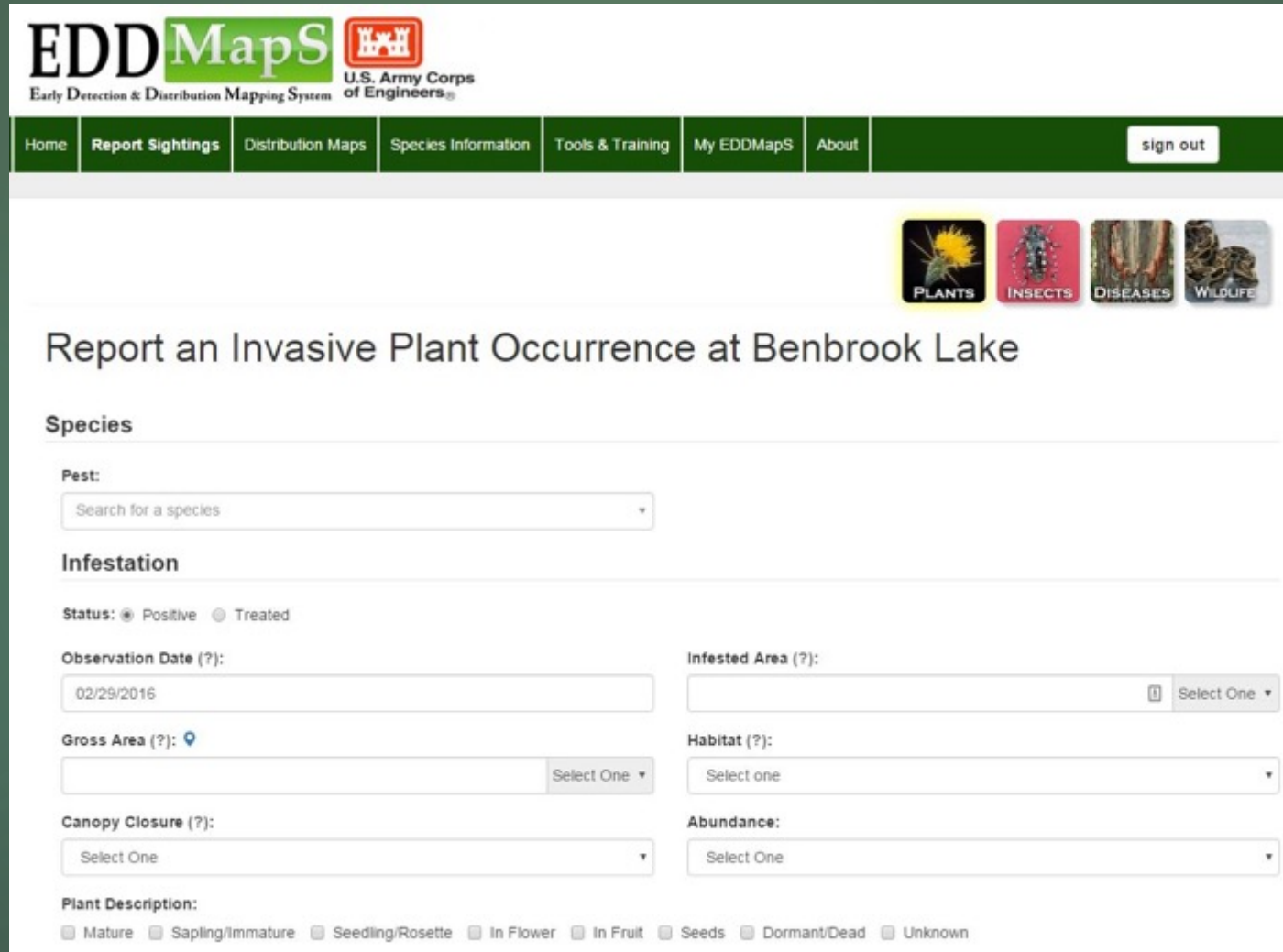
1-Pest

2-Location

3-Images

First section of the web form

- ✓ Document information on the invasive species being surveyed



The screenshot shows the EDDMapS web interface. At the top, there is a navigation bar with links for Home, Report Sightings, Distribution Maps, Species Information, Tools & Training, My EDDMapS, and About, along with a sign out button. Below the navigation bar, there are four icons representing different categories: PLANTS, INSECTS, DISEASES, and WILDLIFE. The main heading of the form is "Report an Invasive Plant Occurrence at Benbrook Lake".

Species

Pest:
Search for a species

Infestation

Status: Positive Treated

Observation Date (?): 02/29/2016

Infested Area (?): Select One

Gross Area (?): Select One

Habitat (?): Select one

Canopy Closure (?): Select One

Abundance: Select One

Plant Description:
 Mature Sapling/Immature Seedling/Rosette In Flower In Fruit Seeds Dormant/Dead Unknown

First section of the web form

- ✓ Begin typing the name of the pest and then
- ✓ Choose your species from the dropdown box

Report an Invasive Plant Occurrence at Benbrook Lake

Species

Pest:

common water hyacinth (*Eichhornia crassipes*)

water

common water hyacinth (*Eichhornia crassipes*)

European water chestnut (*Trapa natans*)

water fern (*Salvinia minima*)

Canopy Closure (?):

Select One

Plant Description:

Mature Sapling/Immature Seedling/Rosette In Flower In Fruit Seeds Dormant/Dead Unknown

Infested Area (?):

Select One

Habitat (?):

Select one

Abundance:

Select One



First section of the web form

- ✓ Click Treated if infestation has been treated (Default = Positive)
- ✓ Date default is the date data is entered

Infestation

Status: Positive Treated

Observation Date (?):

02/29/2016

Gross Area (?): 

1

acres

Canopy Closure (?):

Select One

Infested Area (?):

0.5

acres

Habitat (?):

Select one

Abundance:

Select One

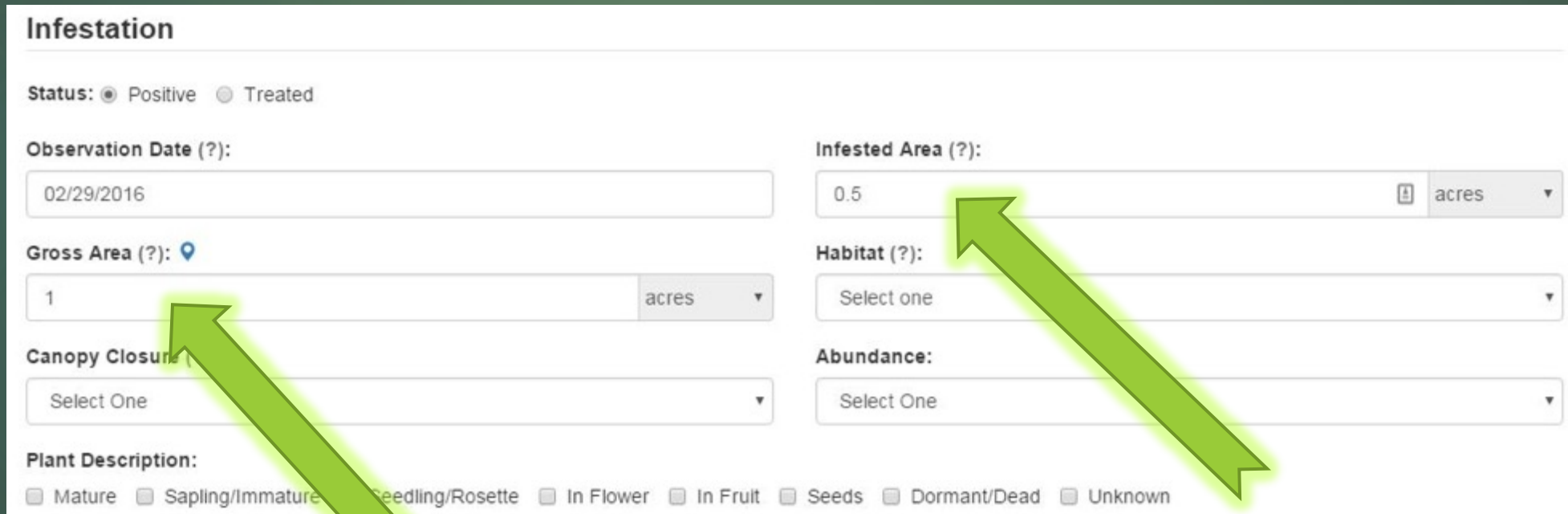
Plant Description:

Mature Sapling/Immature Seedling/Rosette In Flower In Fruit Seeds Dormant/Dead Unknown



First section of the web form

- ✓ Gross area – Estimation of the general area of the infestation, but may include areas that are not occupied by the species of interest
- ✓ Infested area – Estimation of the area that contains only the species of interest
- ✓ You can report in acres, hectares, sq feet or sq meters



Infestation

Status: Positive Treated

Observation Date (?):

Gross Area (?): acres

Infested Area (?): acres

Habitat (?):

Canopy Closure:

Abundance:

Plant Description:

Mature Sapling/Immature Seedling/Rosette In Flower In Fruit Seeds Dormant/Dead Unknown

Two green arrows point to the 'Gross Area' and 'Infested Area' input fields.

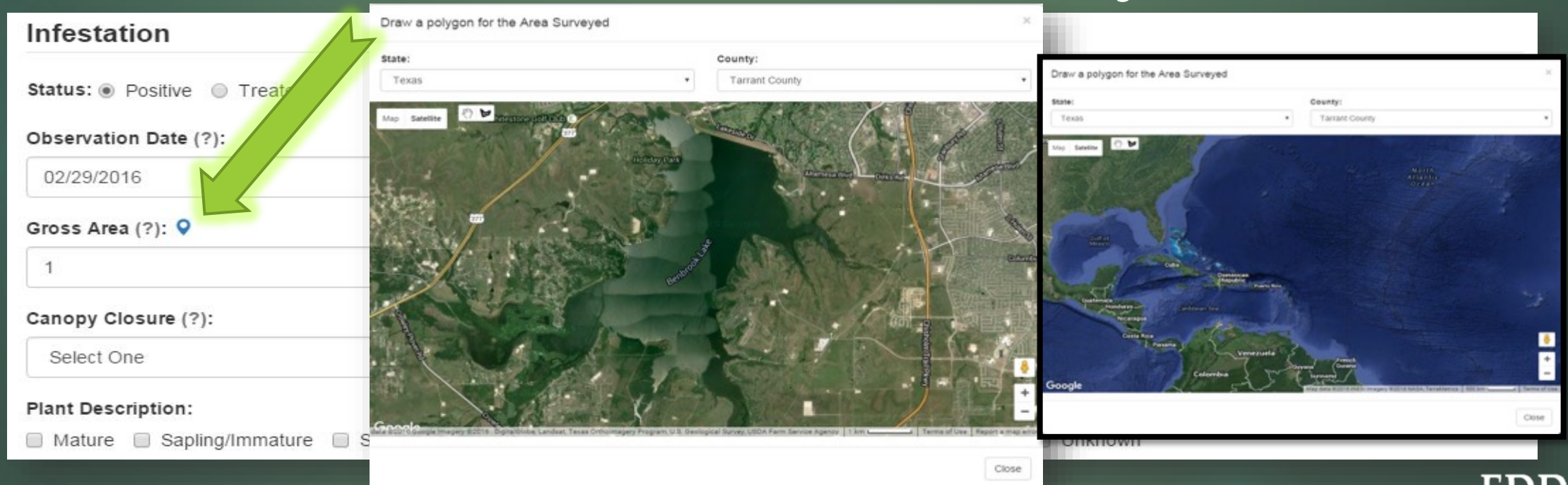


First section of the web form

Want to draw a polygon of the Gross Area (entire survey site)?

Click on the marker 

- ✓ Zoom in to your location
- ✓ Click on  to draw the Gross Area of your survey site
- ✓ Gross area is then filled in automatically



The image shows a screenshot of the EDD MapS web form. On the left, the 'Infestation' section is visible, with a green arrow pointing to the 'Gross Area (?)' field. The 'Gross Area (?)' field contains the number '1'. To the right, a dialog box titled 'Draw a polygon for the Area Surveyed' is open, showing a map of Tarrant County, Texas. The dialog box has dropdown menus for 'State' (Texas) and 'County' (Tarrant County). The map shows a satellite view of the area around Berbrook Lake. A second, smaller version of the dialog box is shown to the right, with a black border, showing a zoomed-out view of the same area.

First section of the web form

- ✓ Canopy Closure - Estimate ground covered by foliage

Report an Invasive Plant Occurrence at Benbrook Lake

Species

Pest:
common water hyacinth (*Eichhornia crassipes*)

Infestation

Status: Positive Treated

Observation Date (?):
02/29/2016

Infested Area (?):
0.5 acres

Gross Area (?):
1 acres

Habitat (?):
Aquatic: Freshwater

Canopy Closure (?):
Select One
Select One
Trace (Less than 1%)
Low (1.0 - 5.0%)
Moderate (5.1 - 25%)
High (25.1 - 100%)

Abundance:
Select One

Seeds Dormant/Dead Unknown

LOCATION



First section of the web form

- ✓ Choose Habitat type from the dropdown list

Report an Invasive Plant Occurrence at Benbrook Lake

Species

Pest:
common water hyacinth (Eichhornia crassipes)

Infestation

Status: Positive Treated

Observation Date (?):
02/29/2016

Gross Area (?): 1 acres


Canopy Closure (?):
Select One

Plant Description:
 Mature Sapling/Immature Seedling/Rosette In Flower In Fruit

Infested Area (?):
0.5 acres

Habitat (?):

- Select one
- Right-of-Way
- Rocky Outcrops
- Beach
- Abandoned lot/Old home site
- Other
- Park
- Fencerow
- Riparian
- Pasture/Rangeland
- Floodplain
- Ruderal
- Forested Understory
- Edge: Trail
- Grassland/Prairie/Meadow
- Developed/Disturbed area
- Coastal
- Aquatic: Brackish
- Aquatic: Freshwater**
- Aquatic: Saltwater
- River: near shore



First section of the web form

- ✓ Abundance – choose the best description from the drop down list for the site you are reporting

Report an Invasive Plant Occurrence at Benbrook Lake

Species

Pest:

common water hyacinth (*Eichhornia crassipes*)

Infestation

Status: Positive Treated

Observation Date (?):

02/29/2016

Infested Area (?):

0.5

acres

Gross Area (?):

1

Habitat (?):

Aquatic; Freshwater

Canopy Closure (?):

High (25.1 - 100%)

Abundance:

Select One

Select One

Single Plant

Scattered Plants

Dense Monoculture

Scattered Dense Patches





Plant Description:

Mature Sapling/Immature Seedling/Rosette In Flower In Fruit S



First section of the web form

- ✓ Finally, Check any relevant Plant Descriptions



Report an Invasive Plant Occurrence at Benbrook Lake

Species

Pest:
common water hyacinth (*Eichhornia crassipes*)

Infestation

Status: Positive Treated

Observation Date (?): 02/29/2016

Infested Area (?): 0.5 sq feet

Gross Area (?): 5 acres

Habitat (?): Aquatic: Freshwater

Canopy Closure (?): High (25.1 - 100%)

Abundance: Scattered Dense Patches

Plant Description:

Mature Sapling/Immature Seedling/Rosette In Flower In Fruit Seeds Dormant/Dead Unknown



Second Section of the Web form

- ✓ Document the Location information

Location

State:

County:

Latitude (?):

Must be expressed in Decimal Degrees (XX.XXXX), and DATUM NAD83/WGS84.

Longitude (?):

Must be expressed in Decimal Degrees (XX.XXXX), and DATUM NAD83/WGS84.

lat/long conversion tools

place marker at position

clear map

Location Description/Nearest Address:

Ownership:

* If reporting infestation on private land, be sure to have landowner's permission.

Private (?): Yes No



Second Section of the Web form

- ✓ State and County will fill in automatically based on the Project you chose

Location

State: Texas **County:** Tarrant County

Latitude (?): **Longitude (?):**

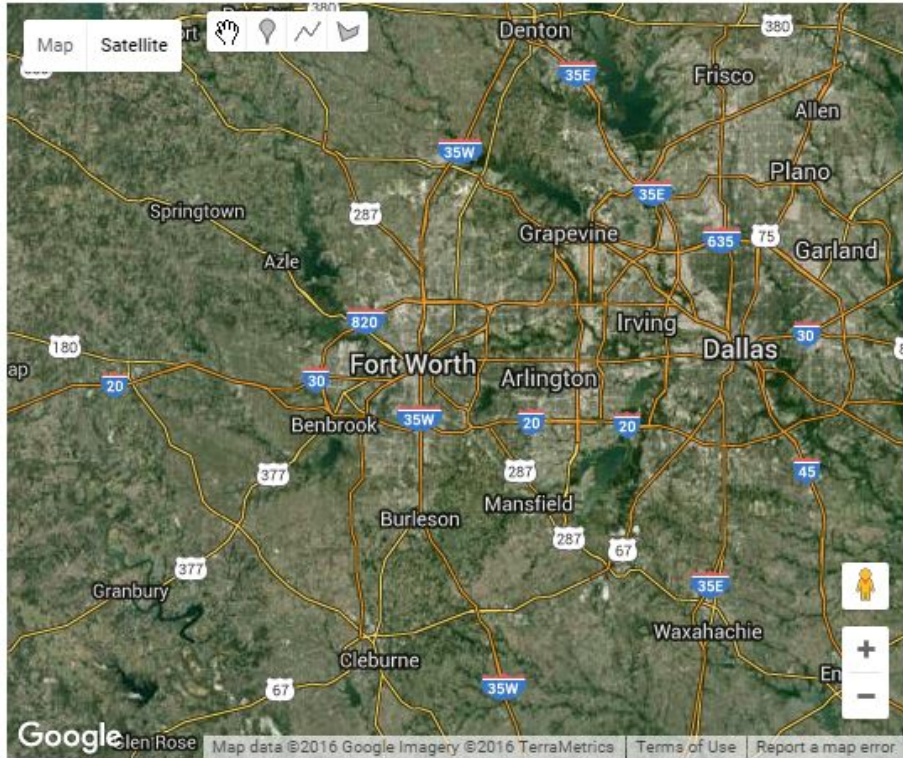
Must be expressed in Decimal Degrees (XX.XXXX), and DATUM NAD83/WGS84.

Location Description: **Street Address:**

Ownership: Select One

* If reporting infestation on private land, be sure to have landowner's permission.

Private (?): Yes No



Second Section of the Web form

Coordinates – Two choices

- ✓ Type in the coordinates or
- ✓ Place the marker at the correct location and the Latitude and Longitude will fill in automatically

Location

State: Texas
County: Tarrant County

Latitude (?): 32.629689301973436
Longitude (?): -97.45233535766602

Must be expressed in Decimal Degrees (XX.XXXX), and DATUM NAD83/WGS84.

lat/long conversion | place marker at position | clear map

Location Description:
Nearest Address:

Ownership:
Select One

* If reporting infestation on private land, be sure to have landowner's permission.




Private (?): Yes No

Map Satellite | Google | Map data ©2016 Google Imagery ©2016 | Terms of Use | Report a map error



Second Section of the Web form

Site delineation – Three choices

- ✓ Click on  to show where an invasive is located
- ✓ Click on  to draw along a road or shoreline
- ✓ Click on  to create a site with three or more sides
- ✓ Infested Area will automatically update

Location

State: County:

Latitude (?): Longitude (?):

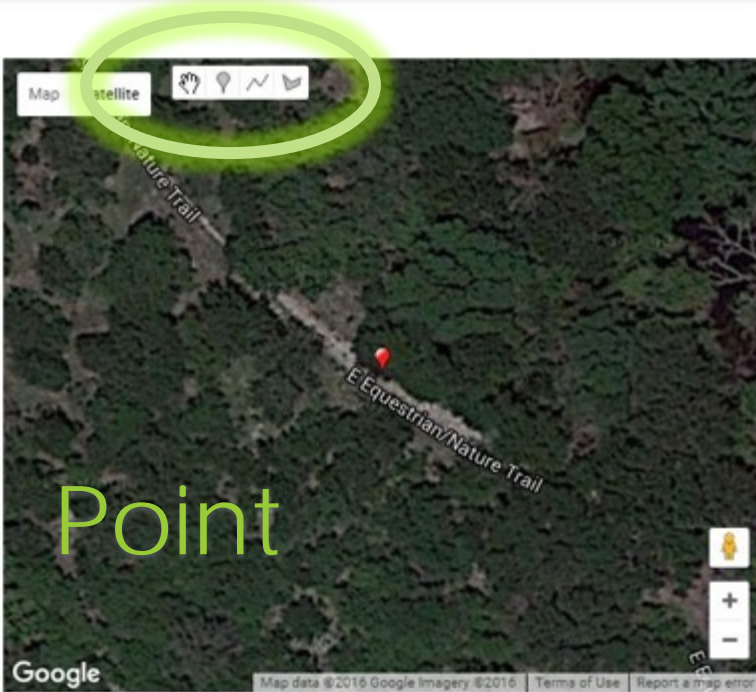
Must be expressed in Decimal Degrees (XX.XXXX), and DATUM NAD83/WGS84.

Location Description/Nearest Address:

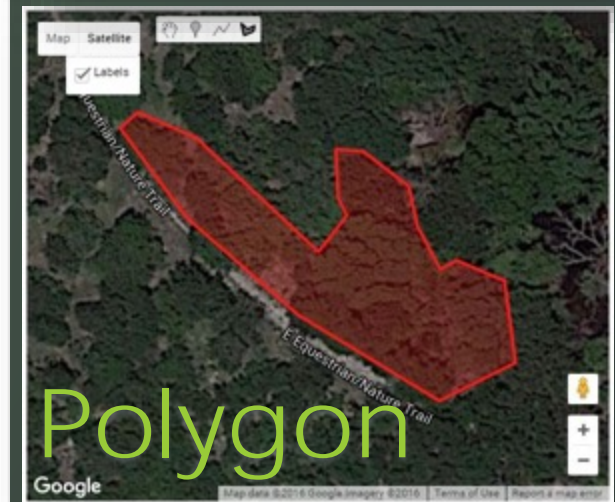
Ownership:

* If reporting infestation on private land, be sure to have landowner's permission.

Private (?): Yes No



The screenshot shows the 'Location' section of the web form. A green circle highlights the map controls, specifically the 'Location pin', 'Line drawing', and 'Polygon drawing' icons. The map shows a satellite view of a trail area with a red pin placed on the trail.



Second Section of the Web form

- ✓ Location Description/Nearest Address is a text box for additional information to help relocate an infestation
- ✓ Choose Ownership from the dropdown box
- ✓ Click on Yes if the record should be private (No = default)



Location

State: Texas **County:** Tarrant County

Latitude (?): 32.62977005692548 **Longitude (?):** -97.45232529938221

Must be expressed in Decimal Degrees (XX.XXXX), and DATUM NAD83/WGS84. Must be expressed in Decimal Degrees (XX.XXXX), and DATUM NAD83/WGS84.

[lat/long conversion tools](#) [place marker at position](#) [clear map](#)

Location Description/Nearest Address:

Northeast of East Equestrian/Nature Trail

Ownership: U. S. Army Corps of Engineers

* If reporting infestation on private land, be sure to have landowner's permission.

Private (?): Yes No

A satellite map showing a red outline of a field area. The map includes a search bar, map controls, and a Google logo. The text 'Equestrian/Nature Trail' is visible on the map.



Third Section of the Web form – Add Images

- ✓ Upload up to five images for each report
- ✓ Caption: Identify the feature in the image
- ✓ Photo by: If someone else took the picture, add their name

Images

Image 1: IMG_20140428_135100101.jpg (.jpg) Choose file	Image 2: IMG_20140428_135029808.jpg (.jpg) Choose file
Caption: foliage	Caption: inflorescence
Photo by: John Smith	Photo by: John Smith
Image 3: IMG_20140428_135109782_HDR.jpg (.jpg) Choose file	Image 4: IMG_20140623_172230559.jpg (.jpg) Choose file
Caption: infestation	Caption: fruits
Photo by: John Smith	Photo by: John Smith
Image 5: IMG_20140428_135035592.jpg (.jpg) Choose file	
Caption: bark	
Photo by: John Smith	



Fourth Section of the Web form – Additional Info

- ✓ Comments: Add any additional information that may be needed in this text box
- ✓ Identified by: Add names here if someone other than you identified the species
- ✓ Click Yes and add the location if a specimen is taken (Default = No)
- ✓ Click on Submit Report and you are done.

Additional Information

Comments:

Infestation is well established at this site.

Identified by:

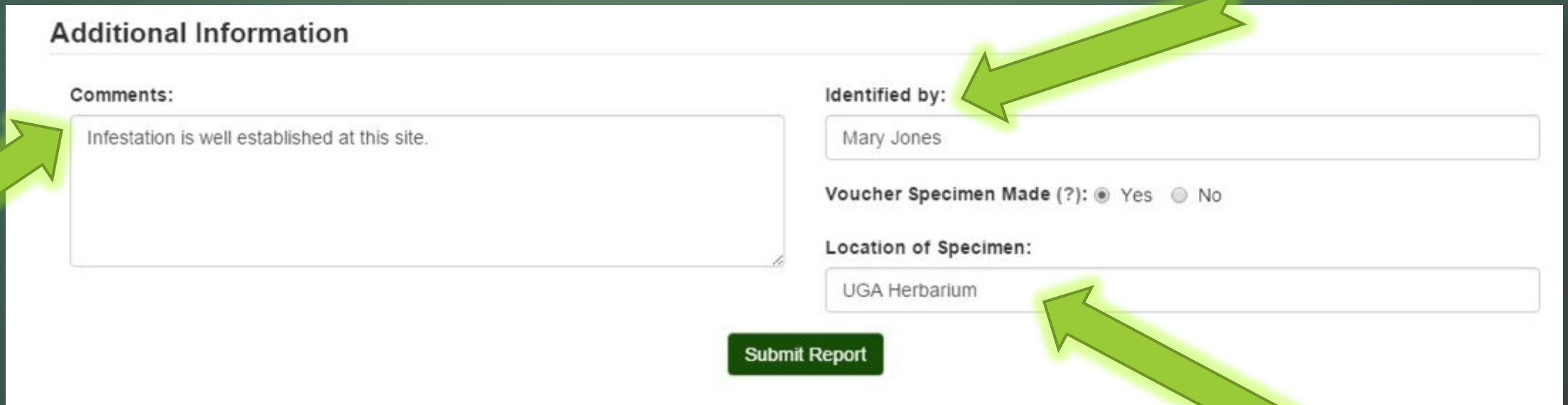
Mary Jones

Voucher Specimen Made (?): Yes No

Location of Specimen:

UGA Herbarium

Submit Report



EDDMapS USACE Web form is complete



- ✓ Reports are automatically sent to be Verified
- ✓ Once verified, reports are available on the EDDMapS website
- ✓ This and other trainings are available on the EDDMapS USACE homepage

The screenshot shows the EDDMapS USACE web form for reporting an invasive plant occurrence at Benbrook Lake. The form is titled "Report an Invasive Plant Occurrence at Benbrook Lake" and includes the following sections:

- Species:** A dropdown menu for selecting a species.
- Observation Date (??):** A date input field.
- Infested Area (??):** A text input field.
- Disturbance (??):** A dropdown menu.
- Abundance:** A dropdown menu.
- Plant Description:** A dropdown menu.
- Location:** A dropdown menu for State and County, and input fields for Latitude (??) and Longitude (??). A map shows the location of Benbrook Lake with a red arrow pointing to the site.
- Ownership:** A dropdown menu.
- Images:** A section for uploading and describing images. It includes five image upload fields, each with a "Choose file" button, and a "Photo" field for each image.
- Additional Information:** A section for providing additional details, including a "Comments" field and a "Verified by" field.



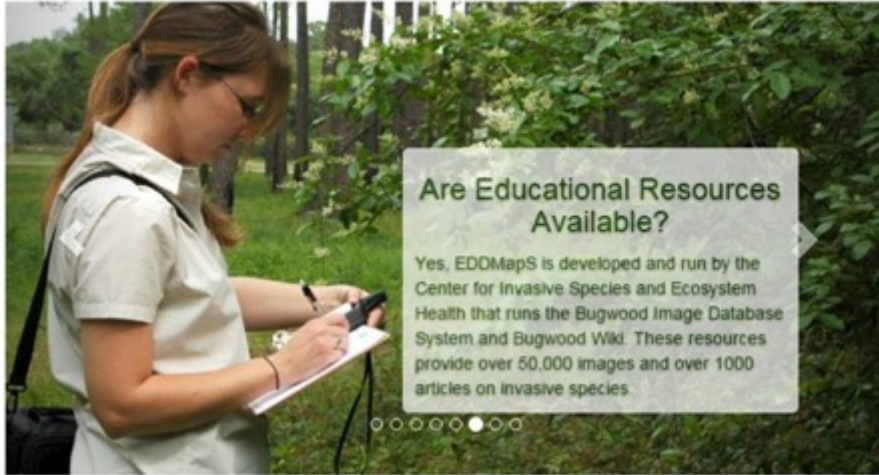
EDD **MapS**



US Army Corps
Of Engineers

TRAINING

Revisit and Edit Your Data



Are Educational Resources Available?

Yes, EDDMapS is developed and run by the Center for Invasive Species and Ecosystem Health that runs the Bugwood Image Database System and Bugwood Wiki. These resources provide over 50,000 images and over 1000 articles on invasive species.

Statistics

18,975 Reports
300 Species

Recent Reports

- ✓ common reed by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ purple loosestrife by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ autumn olive by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ Black dog-strangling vine, black swallowwort by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ European buckthorn by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ More Reports

Educational Resources

- ✓ EDDMapS: Invasive Plant Mapping Handbook

First Step – Sign In



Statistics

18,975 Reports
300 Species

Recent Reports

- ✓ common reed by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ purple loosestrife by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ autumn olive by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ Black dog-strangling vine, black swallowwort by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ European buckthorn by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ More Reports

Educational Resources

- ✓ EDDMapS: Invasive Plant Mapping Handbook

Click on your My EDDMapS

Your Dashboard Includes:

My EDDMapS - Karan A. Rawlins

User Statistics

	Overall	This Year	This Month
Reports	1224	0	0
Species	96	0	0
States	9	0	0
Counties	111	0	0

Recent Reports

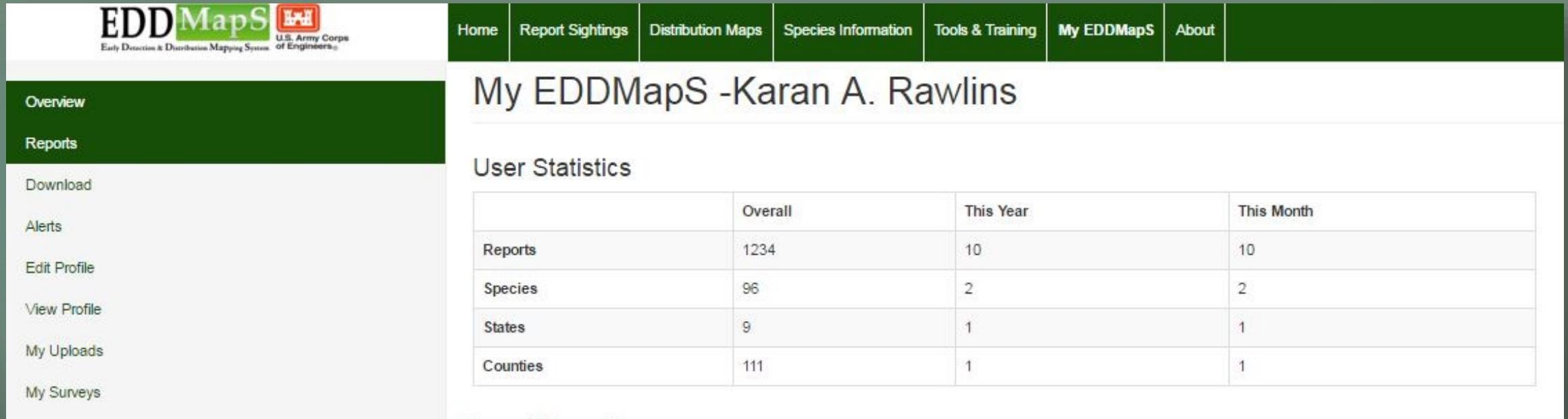
ID	Subject	Location	Date	Manage
4426125	mimosa	Houston County, Georgia	Oct-25-2015	View Edit Revisit Delete
4426128	Callery pear (Bradford pear)	Houston County, Georgia	Oct-25-2015	View Edit Revisit Delete
4426127	Chinese privet	Houston County, Georgia	Oct-25-2015	View Edit Revisit Delete
4426130	Chinese tallowtree	Houston County, Georgia	Oct-25-2015	View Edit Revisit Delete
4426118	Chinese wisteria	Houston County, Georgia	Oct-25-2015	View Edit Revisit Delete
4426116	Japanese honeysuckle	Houston County, Georgia	Oct-25-2015	View Edit Revisit Delete
4426117	giant reed	Houston County, Georgia	Oct-25-2015	View Edit Revisit Delete
4426123	johnsongrass	Houston County, Georgia	Oct-25-2015	View Edit Revisit Delete
4426126	mimosa	Houston County, Georgia	Oct-25-2015	View Edit Revisit Delete
4426120	glossy privet	Houston County, Georgia	Oct-25-2015	View Edit Revisit Delete
4426122	Chinese wisteria	Houston County, Georgia	Oct-25-2015	View Edit Revisit Delete
4426133	sacred bamboo	Houston County, Georgia	Oct-25-2015	View Edit Revisit Delete
4426131	Chinese privet	Houston County, Georgia	Oct-25-2015	View Edit Revisit Delete

- ✓ Your Statistics
- ✓ Recent Reports
- ✓ Reports
 - ✓ View
 - ✓ Edit
 - ✓ Revisit
 - ✓ Delete
- ✓ Downloaded data
- ✓ Alerts
- ✓ Projects
- ✓ Edit your profile
- ✓ View your profile
- ✓ Your uploads
- ✓ Your surveys



Your Statistics

- ✓ Number of Reports
- ✓ Number of different Species
- ✓ Number of different States
- ✓ Number of different Counties
- ✓ Overall Total Reports
- ✓ Reports This Year
- ✓ Reports This Month



The screenshot displays the EDDMapS user interface. At the top, there is a navigation bar with links for Home, Report Sightings, Distribution Maps, Species Information, Tools & Training, My EDDMapS, and About. The left sidebar contains a menu with options: Overview, Reports (highlighted), Download, Alerts, Edit Profile, View Profile, My Uploads, and My Surveys. The main content area is titled "My EDDMapS -Karan A. Rawlins" and features a "User Statistics" table.

	Overall	This Year	This Month
Reports	1234	10	10
Species	96	2	2
States	9	1	1
Counties	111	1	1



Your Recent Reports

Listed conveniently on your dashboard



Recent Reports

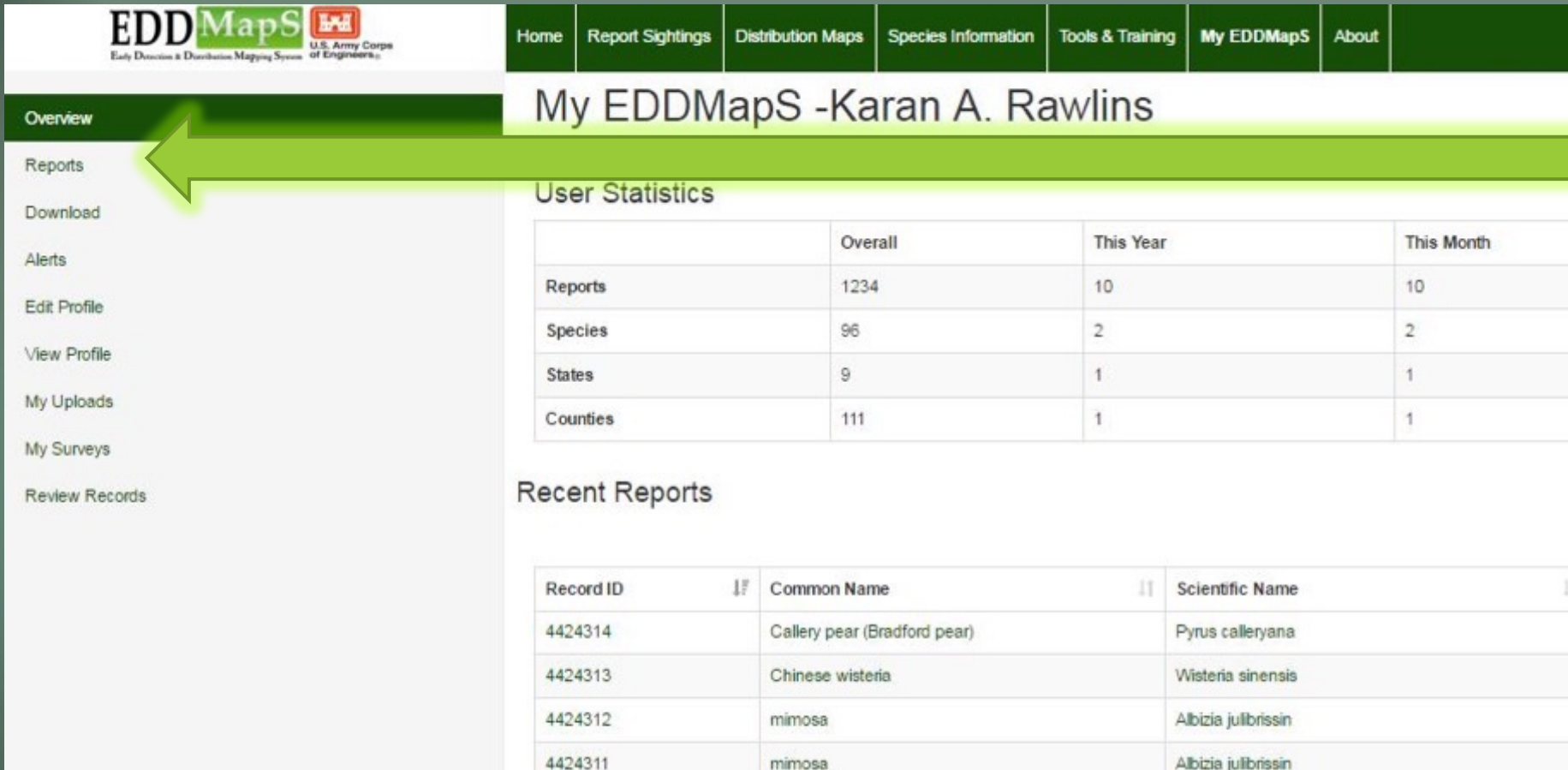
Search:

Record ID	Common Name	Scientific Name	Location	Date	Manage
4493653	glossy privet	Ligustrum lucidum	Tift County, Georgia	03/16/2016	View Edit revisit delete
4493652	glossy privet	Ligustrum lucidum	Tift County, Georgia	03/16/2016	View Edit revisit delete
4493651	glossy privet	Ligustrum lucidum	Tift County, Georgia	03/07/2016	View Edit revisit delete
4493650	Chinese privet	Ligustrum sinense	Tift County, Georgia	03/16/2016	View Edit revisit delete
4493649	glossy privet	Ligustrum lucidum	Tift County, Georgia	03/16/2016	View Edit revisit delete
4493648	glossy privet	Ligustrum lucidum	Tift County, Georgia	03/16/2016	View Edit revisit delete
4493647	Chinese privet	Ligustrum sinense	Tift County, Georgia	03/16/2016	View Edit revisit delete
4493646	glossy privet	Ligustrum lucidum	Tift County, Georgia	03/16/2016	View Edit revisit delete
4493645	Chinese privet	Ligustrum sinense	Tift County, Georgia	03/16/2016	View Edit revisit delete
4493644	glossy privet	Ligustrum lucidum	Tift County, Georgia	03/16/2016	View Edit revisit delete
4426135	English ivy	Hedera helix	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426133	sacred bamboo	Nandina domestica	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426132	northern catalpa	Catalpa speciosa	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete

Showing 1 to 14 of 1,234 entries



Reports



EDDMapS
Early Detection & Distribution Mapping System
U.S. Army Corps
of Engineers

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About

My EDDMapS -Karan A. Rawlins

Overview
Reports
Download
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Edit Profile
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My Uploads
My Surveys
Review Records

User Statistics

	Overall	This Year	This Month
Reports	1234	10	10
Species	96	2	2
States	9	1	1
Counties	111	1	1

Recent Reports

Record ID	Common Name	Scientific Name
4424314	Callery pear (Bradford pear)	Pyrus calleryana
4424313	Chinese wisteria	Wisteria sinensis
4424312	mimosa	Albizia julibrissin
4424311	mimosa	Albizia julibrissin

Click Reports
to access all
of your reports



Manage Reports

Search by location, species, or record number

The screenshot shows the EDDMapS interface with the search bar containing 'sh'. A green box labeled 'Location' is positioned over the search results table. The table lists records with columns for Record ID, Common Name, Scientific Name, Location, Date, and Manage.

Record ID	Common Name	Scientific Name	Location	Date	Manage
3044246	Chinese pivet	Ligustrum sinense	Tift County, Georgia, United States	06/27/2013	View Edit revisit delete
3044236	Japanese honeysuckle	Lonicera japonica	Tift County, Georgia, United States	06/27/2013	View Edit revisit delete
3044231	Chinese pivet	Ligustrum sinense	Tift County, Georgia, United States	06/27/2013	View Edit revisit delete
3044172	Chinese pivet	Ligustrum sinense	Tift County, Georgia, United States	06/25/2013	View Edit revisit delete

The screenshot shows the EDDMapS interface with the search bar containing 'tallo'. A green box labeled 'Species name' is positioned over the search results table. The table lists records with columns for Record ID, Common Name, Scientific Name, Location, Date, and Manage.

Record ID	Common Name	Scientific Name	Location	Date	Manage
4426130	Chinese tallowtree	Triadica sebifera	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4424327	Chinese tallowtree	Triadica sebifera	Houston County, Georgia, United States	09/27/2015	View Edit revisit delete
4259642	Chinese tallowtree	Triadica sebifera	Tift County, Georgia, United States	09/18/2015	View Edit revisit delete
4101011	Chinese tallowtree	Triadica sebifera	Tift County, Georgia, United States	09/12/2014	View Edit revisit delete
4101009	Chinese tallowtree	Triadica sebifera	Tift County, Georgia, United States	09/12/2014	View Edit revisit delete
4101005	Chinese tallowtree	Triadica sebifera	Tift County, Georgia, United States	09/12/2014	View Edit revisit delete
2987031	Chinese tallowtree	Triadica sebifera	Dougherty County, Georgia, United States	06/17/2013	View Edit revisit delete

The screenshot shows the EDDMapS interface with the search bar containing '4493651'. A green box labeled 'Record number' is positioned over the search results table. The table lists records with columns for Record ID, Common Name, Scientific Name, Location, Date, and Manage.

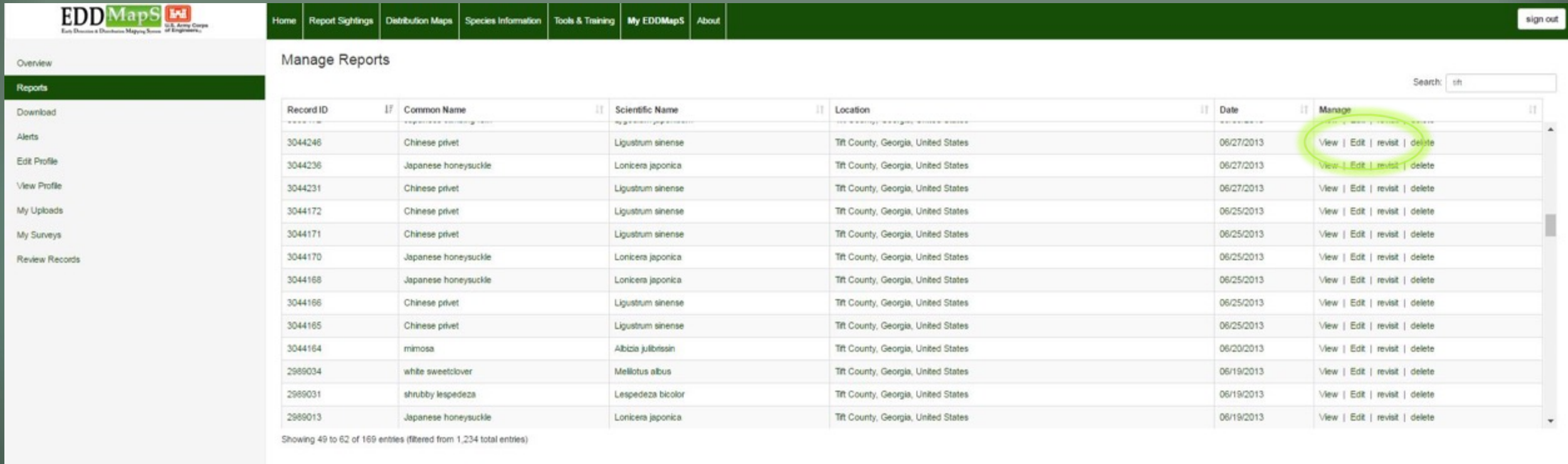
Record ID	Common Name	Scientific Name	Location	Date	Manage
4493651	glossy pivet	Ligustrum lucidum	Tift County, Georgia	03/07/2016	View Edit revisit delete

Showing 1 to 1 of 1 entries



Manage Reports - Editing

Clicking Edit takes you to an editing page for that report



EDDMapS
Eros Database & Distribution Mapping System U.S. Army Corps of Engineers

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About sign out

Overview

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My Surveys

Review Records

Manage Reports

Search:

Record ID	Common Name	Scientific Name	Location	Date	Manage
3044248	Chinese privet	Ligustrum sinense	Tift County, Georgia, United States	06/27/2013	View Edit revisit delete
3044236	Japanese honeysuckle	Lonicera japonica	Tift County, Georgia, United States	06/27/2013	View Edit revisit delete
3044231	Chinese privet	Ligustrum sinense	Tift County, Georgia, United States	06/27/2013	View Edit revisit delete
3044172	Chinese privet	Ligustrum sinense	Tift County, Georgia, United States	06/25/2013	View Edit revisit delete
3044171	Chinese privet	Ligustrum sinense	Tift County, Georgia, United States	06/25/2013	View Edit revisit delete
3044170	Japanese honeysuckle	Lonicera japonica	Tift County, Georgia, United States	06/25/2013	View Edit revisit delete
3044168	Japanese honeysuckle	Lonicera japonica	Tift County, Georgia, United States	06/25/2013	View Edit revisit delete
3044166	Chinese privet	Ligustrum sinense	Tift County, Georgia, United States	06/25/2013	View Edit revisit delete
3044165	Chinese privet	Ligustrum sinense	Tift County, Georgia, United States	06/25/2013	View Edit revisit delete
3044164	mimosa	Albizia julibrissin	Tift County, Georgia, United States	06/20/2013	View Edit revisit delete
2989034	white sweetclover	Mellilotus albus	Tift County, Georgia, United States	06/19/2013	View Edit revisit delete
2989031	shrubby lespedeza	Lespedeza bicolor	Tift County, Georgia, United States	06/19/2013	View Edit revisit delete
2989013	Japanese honeysuckle	Lonicera japonica	Tift County, Georgia, United States	06/19/2013	View Edit revisit delete

Showing 49 to 62 of 169 entries (filtered from 1,234 total entries)



Manage Reports - Editing

The form has the same fields as the EDDMapS web form

- ✓ You can edit reports you submitted
 - ✓ On EDDMapS USACE website
 - ✓ From the smartphone apps

EDDMapS U.S. Army Corps of Engineers

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About sign out

Edit your Report

Species

Pest:
Chinese privet (Ligustrum sinense)

Infestation

Status: Positive Treated

Observation Date (?): 03/16/2016

Infested Area (?): 4 sq feet

Gross Area (?): Select One

Habitat (?): Select one

Canopy Closure (?): Select One

Abundance: Select One

Plant Description:
 Mature Sapling/Immature Seeding/Rosette In Flower In Fruit Seeds Dormant/Dead Unknown


First section
Information on the pest



Manage Reports - Editing

Second section

Location information

EDDMapS  Early Detection & Distribution Mapping System

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My Surveys

Review Records

Location

State: Georgia

County: Tift County

Latitude (?): 31.4778495

Longitude (?): -83.5253795

Must be expressed in Decimal Degrees (XX.XXXXX), and DATUM NAD83/WGS84.

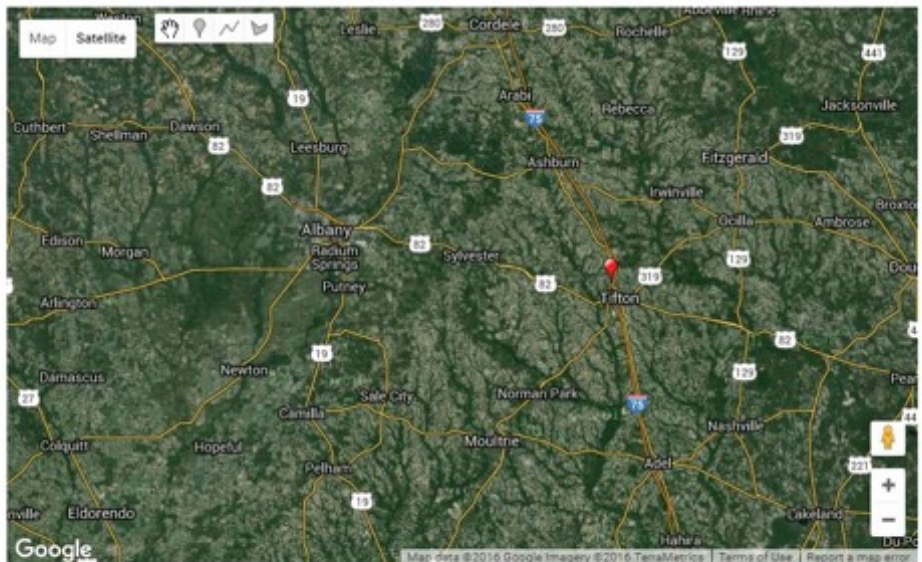
[lat/long conversion tools](#) [place marker at position](#) [clear map](#)

Location Description/Nearest Address:

Ownership: Select One

* If reporting infestation on private land, be sure to have landowner's permission.

Private (?): Yes No



Manage Reports - Editing

Third section

Upload additional images

The screenshot displays the EDDMapS web application interface. At the top, there is a navigation bar with the following links: Home, Report Sightings, Distribution Maps, Species Information, Tools & Training, My EDDMapS, and About. A 'sign out' button is located in the top right corner. On the left side, there is a sidebar menu with the following items: Overview, Reports (highlighted), Download, Alerts, Edit Profile, View Profile, My Uploads, My Surveys, and Review Records. The main content area is titled 'Images' and contains five image upload sections. Each section includes a file selection button (labeled 'Choose file'), a file type indicator (.jpg), a 'Caption:' label, a text input field for the caption, a 'Photo by:' label, and another text input field for the photographer's name. The first section, 'Replace Image 1:', shows a small thumbnail of a ground-level photograph. The other sections are currently empty.



Manage Reports - Editing

Fourth section
Edit Additional Information as needed

Additional Information

Comments:

Identified by:

Voucher Specimen Made (?): Yes No

Location of Specimen:

Remember to Submit Report



Manage Reports - Revisits

Revisits are used to record

- ✓ Changes in the infestation over time
- ✓ Document management plans, actions and outcomes

EDDMapS
Early Detection & Distribution Mapping System
U.S. Army Corps of Engineers

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About sign out

Manage Reports

Record ID	Common Name	Scientific Name	Location	Date	
4426135	English ivy	Hedera helix	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426133	sacred bamboo	Nandina domestica	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426131	Chinese privet	Ligustrum sinense	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426130	Chinese tallowtree	Triadica sebifera	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426129	chinaberry	Melia azedarach	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426128	Callery pear (Bradford pear)	Pyrus calleryana	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426127	Chinese privet	Ligustrum sinense	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426126	mimosa	Albizia julibrissin	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426125	mimosa	Albizia julibrissin	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426123	johnsongrass	Sorghum halepense	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426122	Chinese wisteria	Wisteria sinensis	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426121	sacred bamboo	Nandina domestica	Clarke County, Georgia, United States	10/23/2015	View Edit revisit delete
4426120	glossy privet	Ligustrum lucidum	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426116	leatherleaf mahonia	Mahonia hastata	Clarke County, Georgia, United States	10/25/2015	View Edit revisit delete

Showing 1 to 14 of 1,137 entries

Click on Revisit



Manage Reports - Revisits

The original record and any revisits are permanently linked

Revisit




Record ID	4426131
Reporter Information	
Reporter	Karen A. Reasins, University of Georgia
Observation Date	28 October 2018
Date Entered	28 October 2018
Date Updated	28 October 2018
Source Type	Android
Species Information	
Common Name	Chinese privet
Scientific Name	Ligustrum sinense
Verification and Review	
Verification Method	Bulk Verified
Identification University	UGA/UGA
Reviewed	Reviewed
Reviewer	Reviewed
Date Reviewed	28 October 2018
Infestation Information	
Density	Medium
Infested Area	5.8 Acres
Infestation Status	Positive
Location Information	
Location	Houston County, Georgia, United States
Coordinates	32.6112-83.6286
Coordinate Uncertainty	7 meters
Survey Information	
Station	199884
Comments	GROUND CHURCH PARKING LOT
Collection Type	0
Other	

Original record



Manage Reports - Revisits

The original record and any revisits are permanently linked

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Overview

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Site Revisit Information

Use this form for site revisits including treatments, monitoring and evaluations.

Original Record **New Record**

Status: Positive (?) Treated (?) Eradicated (?)

Revisit Type Treatment	Revisit Date 03/16/2016
Abundance/Density Scattered Plants	Canopy Closure (?) Moderate (5.1 - 25%)
Infested Area (?) 0.011 acres	Reporter Karan A. Rawlins

Growth Stage


Flower Fruit Seedling Seeds Dormant/Dead Unknown

Upload Images with Your Revisit Report:

For verification purposes, take at least two digital images, a close up of the species and one of the site.

Image 1: Capture56.JPG (.jpg, < 4 mb)	Image 2: Capture48.JPG (.jpg, < 4 mb)
Caption: infestation	Caption: flowers
Image 3: Capture60.JPG (.jpg, < 4 mb)	

Location (?)



Map Satellite

Google

Map data ©2018 Google Imagery © 2018 | Terms of Use | Report a map error



Manage Reports - Revisits

Management plans can be added and updated as needed

EDDMapS
Early Detection & Distribution Mapping System U.S. Army Corps of Engineers

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Review Records

Upload Images with Your Revisit Report:

For verification purposes, take at least two digital images, a close up of the species and one of the site.

Image 1:
 Choose file
(.jpg, < 4 mb)

Image 2:
 Choose file
(.jpg, < 4 mb)

Caption:

Image 3:
 Choose file
(.jpg, < 4 mb)

Caption:

Comments -Describe in detail what was done during the revisit.

[Save this Revisit](#)

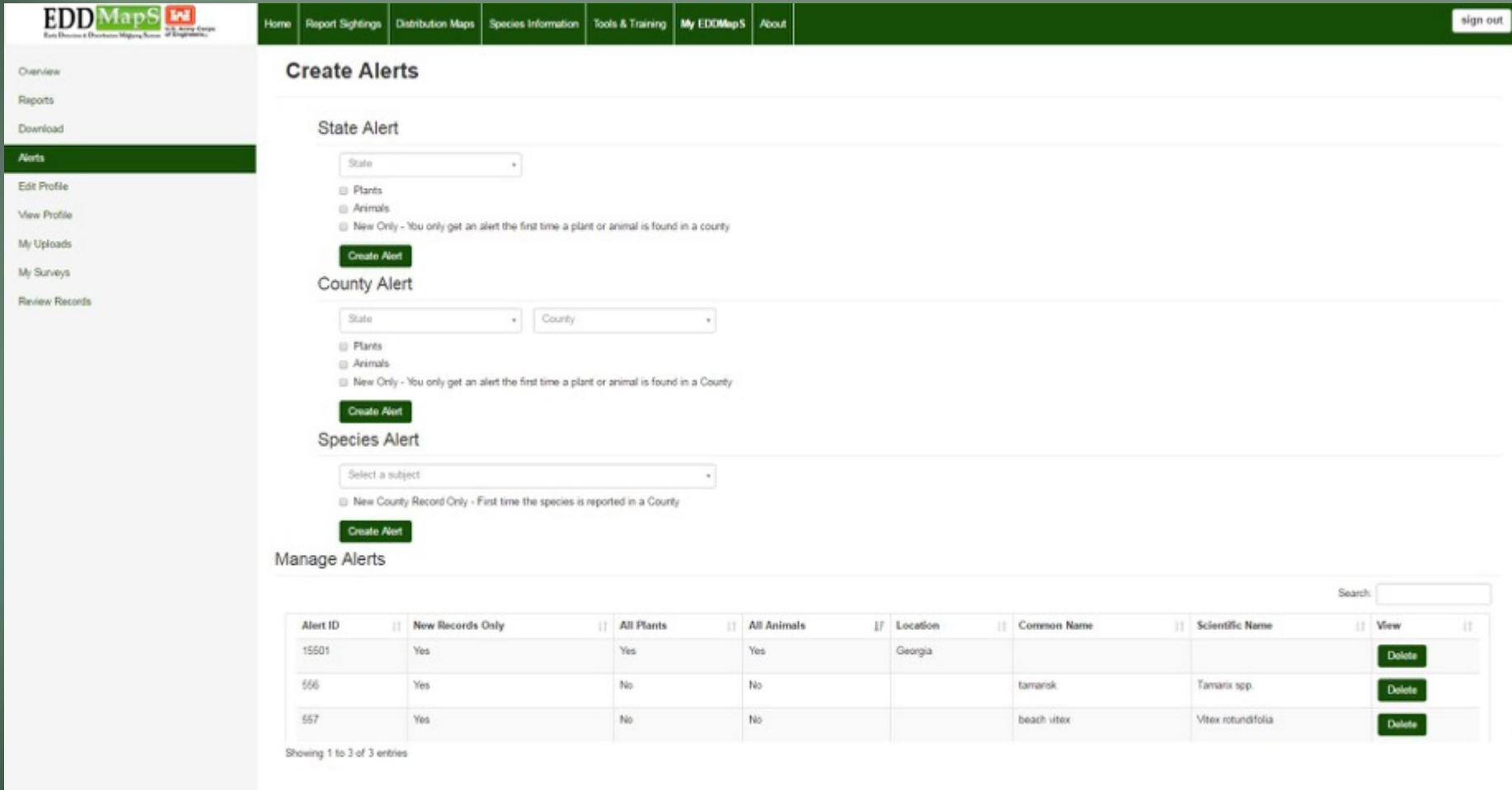
Remember to Save this Revisit

Alerts

Get email alerts when species of interest are reported in your region



- ✓ Location
 - ✓ State
 - ✓ County
- ✓ Species
 - ✓ First time reports only
 - ✓ Every time it is reported



The screenshot shows the EDDMapS website interface. The top navigation bar includes links for Home, Report Sightings, Distribution Maps, Species Information, Tools & Training, My EDDMapS, and About, along with a sign out button. A left sidebar contains navigation options: Overview, Reports, Download, Alerts (highlighted), Edit Profile, View Profile, My Uploads, My Surveys, and Review Records. The main content area is titled "Create Alerts" and is divided into three sections: State Alert, County Alert, and Species Alert. Each section has a "Create Alert" button. Below these sections is a "Manage Alerts" section with a search bar and a table of existing alerts.

Alert ID	New Records Only	All Plants	All Animals	Location	Common Name	Scientific Name	View
15501	Yes	Yes	Yes	Georgia			Delete
556	Yes	No	No		tamansk	Tamarix spp.	Delete
557	Yes	No	No		beach vitex	Vitex rotundifolia	Delete

Showing 1 to 3 of 3 entries



View Your Profile

EDDMapS U.S. Army Corps of Engineers
Early Detection & Distribution Mapping System

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About

My EDDMapS -Karan A. Rawlins

User Statistics

	Overall	This Year	This Month
Reports	1234	10	10

Karan A. Rawlins

Organization University of Georgia
Email krawlins@uga.edu
Phone Number 229-386-3298
Title Invasive Species Coordinator
Unit Center for Invasive Species and Ecosystem Health

As Invasive Plants Coordinator for the Center for Invasive Species and Ecosystem Health at the University of Georgia Tifton Campus my duties include: development and delivery of outreach materials and presentations, expanding the development and operation of the Georgia Invasive Species Task Force, developing Cooperative Invasive Species Management Areas in Georgia, classification of images and information into the Bugwood Image Database System, development and training associated with the Early Detection and Distribution Mapping System (EDDMapS), and field work including installation and management of research plot and collection of field survey data. My goal is to help preserve and restore our native habitats and landscapes by working in the field of invasive species.

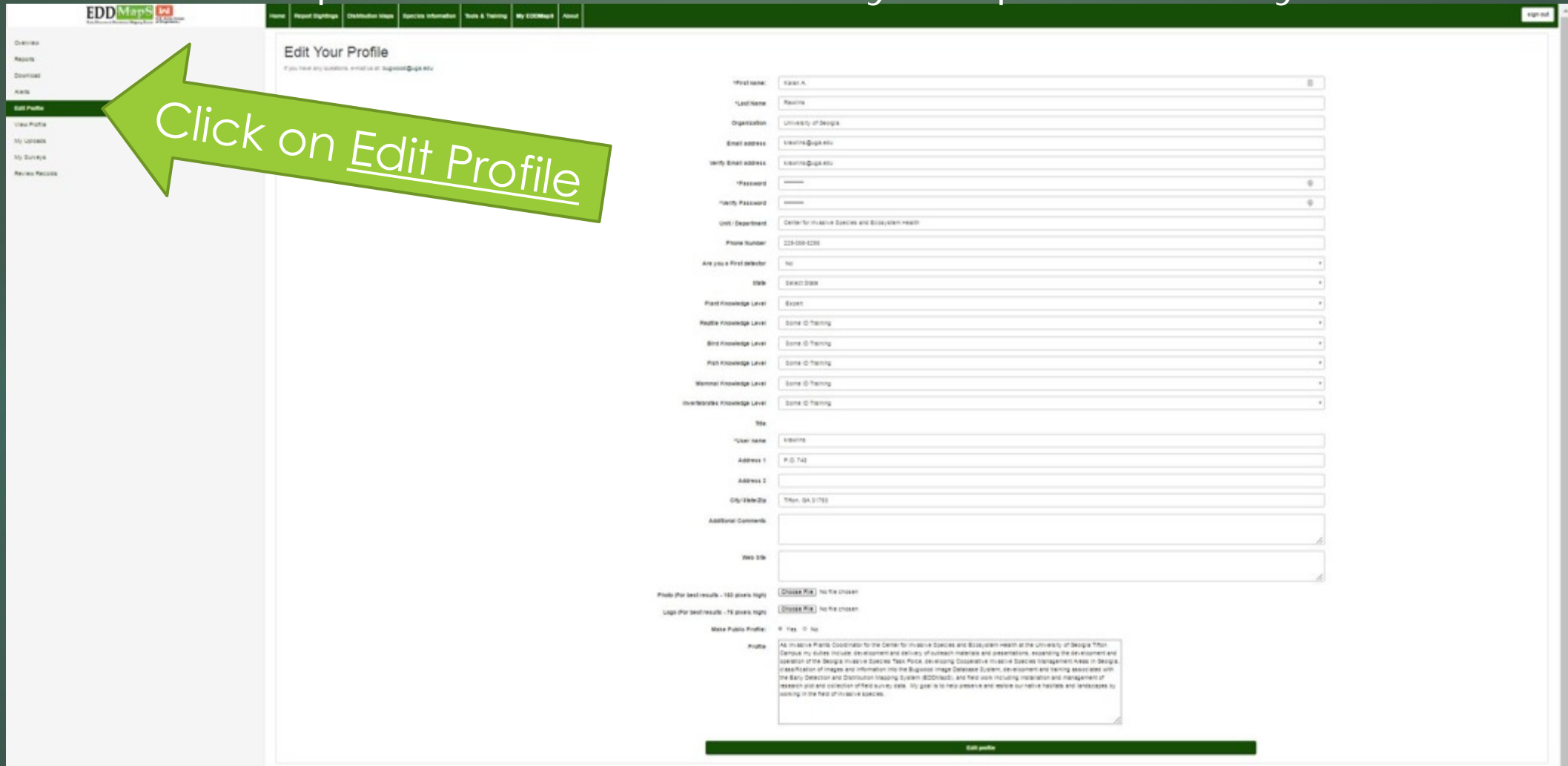
4424313	Chinese wisteria	Wisteria sinensis
4424312	mimosa	Albizia julibrissin
4424311	mimosa	Albizia julibrissin

Click [View Profile](#)



Edit Your Profile

Your profile information is easy to update at anytime



EDD Maps Inv 1.0

Home Report Settings Distribution Issues Species Information Tools & Training My EDDMaps About Logout

Dashboard Reports Downloads **Home** My Lists My Surveys Review Records

Edit Profile

Edit Profile

Click on Edit Profile

Edit Your Profile
If you have any questions, e-mail us at support@uga.edu

First name:

Last name:

Organization:

Email address:

Verify Email address:

*Password:

*Verify Password:

Unit / Department:

Phone Number:

Are you a First Detector?

State:

Plant Knowledge Level:

Reptile Knowledge Level:

Bird Knowledge Level:

Fish Knowledge Level:

Mammal Knowledge Level:

Invertebrates Knowledge Level:

Title:

*User name:

Address 1:

Address 2:

City/State/Zip:

Additional Comments:

Web Site:

Photo (for best results - 150 pixels high) No file chosen

Logo (for best results - 75 pixels high) No file chosen

Make Public Profile: Yes No

Profile:





Thank you for participating in this
EDDMapS USACE training.

This and other trainings are available
on the EDDMapS USACE Website.



EDD **MapS**



US Army Corps
Of Engineers

TRAINING

Uploading Bulk Data to EDD **MapS**

Login to EDDMapS



Click on My EDDMapS

[Home](#)[Report Sightings](#)[Distribution Maps](#)[Species Information](#)[Tools & Training](#)[My EDDMapS](#)[About](#)[sign out](#)

Statistics

18,975 Reports
300 Species

Recent Reports

- ✓ multiflora rose by US Army Corps of Engineers Ombil Database in Pickaway County, Ohio
- ✓ autumn olive by US Army Corps of Engineers Ombil Database in Delaware County, Ohio
- ✓ autumn olive by US Army Corps of Engineers Ombil Database in Floyd County, Kentucky
- ✓ Japanese honeysuckle by US Army Corps of Engineers Ombil Database in Floyd County, Kentucky
- ✓ Japanese knotweed by US Army Corps of Engineers Ombil Database in Floyd County, Kentucky
- ✓ More Reports

Educational Resources

- ✓ EDDMapS: Invasive Plant Mapping Handbook



Check on Your Uploads

EDDMapS
Early Detection & Distribution Mapping System
U.S. Army Corps of Engineers

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About sign out

My EDDMapS -Karan A. Rawlins

User Statistics

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States	9	0	0
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Recent Reports

Search:

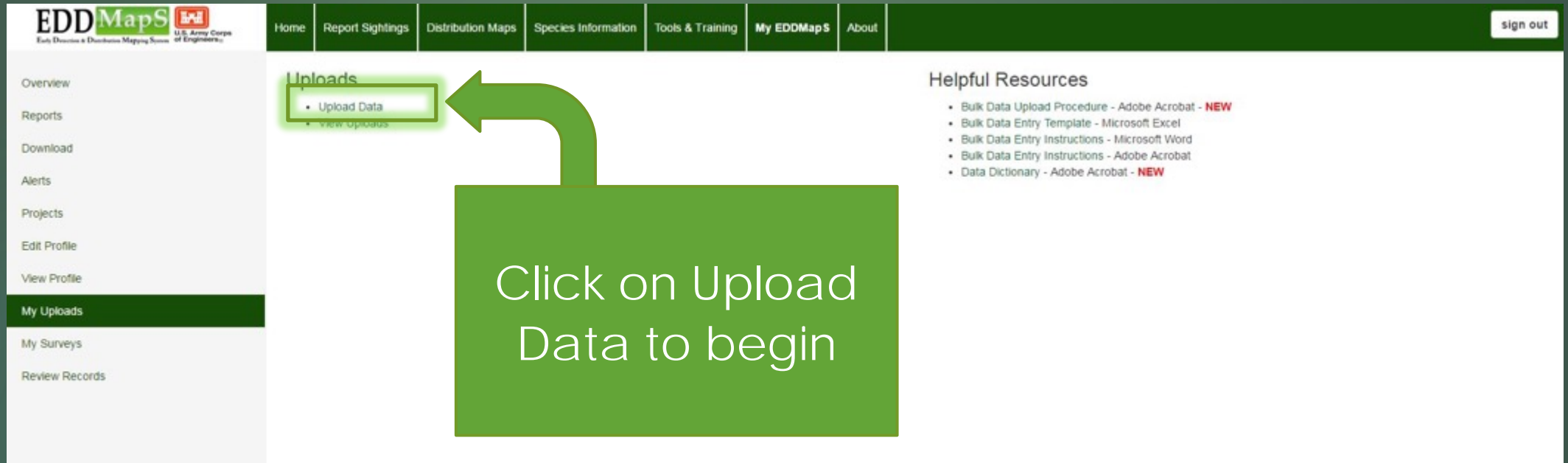
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4426127	Chinese privet	Ligustrum sinense	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426126	mimosa	Albizia julibrissin	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426125	mimosa	Albizia julibrissin	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426123	johnsongrass	Sorghum halepense	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426122	Chinese wisteria	Wisteria sinensis	Houston County, Georgia, United States	10/25/2015	View Edit revisit delete
4426121	sacred bamboo	Nandina domestica	Clarke County, Georgia, United States	10/23/2015	View Edit revisit delete

Showing 1 to 14 of 1,224 entries

Click on My Uploads



Uploading Data



The screenshot shows the EDDMapS website interface. At the top left is the logo for EDDMapS, U.S. Army Corps of Engineers. A navigation bar contains links for Home, Report Sightings, Distribution Maps, Species Information, Tools & Training, My EDDMapS, and About. A 'sign out' button is in the top right. A left sidebar lists menu items: Overview, Reports, Download, Alerts, Projects, Edit Profile, View Profile, My Uploads (highlighted), My Surveys, and Review Records. The main content area has an 'Uploads' section with a sub-menu containing 'Upload Data' and 'View Uploads'. A green callout box with the text 'Click on Upload Data to begin' has an arrow pointing to the 'Upload Data' link. To the right is a 'Helpful Resources' section with a list of links.

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About [sign out](#)

Overview
Reports
Download
Alerts
Projects
Edit Profile
View Profile
My Uploads
My Surveys
Review Records

Uploads

- [Upload Data](#)
- [View Uploads](#)

Helpful Resources

- [Bulk Data Upload Procedure - Adobe Acrobat - NEW](#)
- [Bulk Data Entry Template - Microsoft Excel](#)
- [Bulk Data Entry Instructions - Microsoft Word](#)
- [Bulk Data Entry Instructions - Adobe Acrobat](#)
- [Data Dictionary - Adobe Acrobat - NEW](#)

Click on Upload Data to begin



Add Files

- Overview
- Reports
- Download
- Alerts
- Projects
- Edit Profile
- View Profile
- My Uploads**
- My Surveys
- Review Records

Bulk Data Uploader

Batch Name (something you will recognize)

Reporter Name (who should these reports go under)

Batch name is optional

Select files
Add files to the upload queue and click the start button.

Filename	Status	Size
USACEviewData.pptx		838 kb

1 files queued 0% 838 kb

Click Add Files to browse to data files, images, metadata, etc. to load to the Upload Queue

When finished, click Upload

If you are receiving a File Extension error or having trouble uploading a file please email mdliles@uga.edu or bugwood@uga.edu and we will add your file extension to our accepted list.

View Uploads

- Overview
- Reports
- Download
- Alerts
- Projects
- Edit Profile
- View Profile
- My Uploads**
- My Surveys
- Review Records

Uploads

- Upload Data
- **View Uploads**




Click View Uploads to check the status of your uploads

Helpful Resources

- Bulk Data Upload Procedure - Adobe Acrobat - **NEW**
- Bulk Data Entry Template - Microsoft Excel
- Bulk Data Entry Instructions - Microsoft Word
- Bulk Data Entry Instructions - Adobe Acrobat
- Data Dictionary - Adobe Acrobat - **NEW**



View Status

EDD MapS  Early Detection & Distribution Mapping System

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About sign out

All uploads for Karan A. Rawlins

Click on a upload below to see more details

Upload ID	Title	Date Uploaded	Status
76		Mar-15-2016	New
75		Mar-15-2016	New

Status notifies you if the data is New, is Processing, Needing Information (Check your email!), Uploaded, or has been Removed



Helpful Resources

- ▶ Bulk Data Upload Procedure - Adobe Acrobat - NEW
- ▶ Bulk Data Entry Template - Microsoft Excel
- ▶ Bulk Data Entry Instructions - Microsoft Word
- ▶ Bulk Data Entry Instructions - Adobe Acrobat
- ▶ Data Dictionary - Adobe Acrobat - NEW



Bulk Data Entry Template - Microsoft Excel

The screenshot shows a Microsoft Excel spreadsheet titled "datasheet (1).xls [Compatibility Mode] - Excel". The ribbon includes FILE, HOME, INSERT, PAGE LAYOUT, FORMULAS, DATA, REVIEW, and VIEW. The HOME ribbon is active, showing options for Clipboard, Font, Alignment, Number, Styles, Cells, and Editing. The spreadsheet grid shows columns A through W and rows 1 through 33. The first row (row 1) contains the following headers: A: Date, B: Scientific name, C: Common name, D: Rep. Name & affiliation, E: State, F: County, G: Latitude, H: Longitude, I: Infested area, J: Gross area, K: Canopy closure, L: Habitat, M: Abundance, N: Ownership, O: Loc. Descrip/Comments, P: Voucher Spec., Q: Herbarium, R: Image 1, S: Image 2, T: Image 3, U: Image 4, V: Image 5. Green arrows point to the first few columns: A, B, D, E, F, G, and H.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	Date	Scientific name	Common name	Rep. Name & affiliation	State	County	Latitude	Longitude	Infested area	Gross area	Canopy closure	Habitat	Abundance	Ownership	Loc. Descrip/Comments	Voucher Spec.	Herbarium	Image 1	Image 2	Image 3	Image 4	Image 5	
2																							
3																							
4																							
5																							
6																							
7																							
8																							
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32																							
33																							

- Headings in the excel file show you exactly what information can be uploaded as part of the reports in your bulk data
- The more information you provide, the more valuable the data will be



Bulk Data Entry Instructions

Microsoft Word or Adobe Acrobat

EDDapS Mapping Project Data Collection/Excel Worksheet

The more data fields you fill in the more valuable the data is. Highlighted fields are required.

A: Observation date: in 02/05/2010 format

B: Scientific name

C: Common name

D: Reporters name and affiliation: Bob Smith UGA

E: State

F: County

G: Latitude: in decimal degrees, 32.89762 (up to 9 decimal places) (set to NAD83)

H: Longitude: in decimal degrees, -082.23561 (up to 9 decimal places) (set to NAD83)

I: Infested area – specify number and unit (acre, hectares, square feet or square meters)

J: Gross area - specify number and unit (acre, hectares, square feet or square meters)

K: Canopy closure of invasive species- specify

- Trace (Less than 1%)
- Low (1.0 – 5.0%)
- Moderate (5.1 – 25%)
- High (25.1- 100%)

L: Habitat- specify

- | | | |
|------------------------|---------------------|---------------------------|
| • Edge: Upland/wetland | • Forests: Pine | • Wetlands: Swamp |
| • Edge: Field/forest | • Forests: Hardwood | • Wetlands: Bog |
| • Edge: Lake edge | • Forests: Mixed | • Stream bank |
| • Edge: Roadside | • Dune | • Yard/Garden |
| • Open Field | • Beach | • Ag Field |
| • Old Field | • Park | • Abandoned lot/home site |
| • Right-of-way | • Rocky outcrops | • Other |
| | • Wetlands: Marsh | |

M: Abundance – specify

- Single plant
- Dense monoculture
- Scattered plants
- Scattered dense patches

N: Ownership - specify

- | | | |
|---|---|--|
| • U. S. Army Corps of Engineers | • Tennessee Valley Authority | • Agricultural Research Station |
| • Environmental Protection Agency | • United States Forest Service | • USDA Forest Service Research Station |
| • Department of Defense | • United States Fish and Wildlife Service | • University Lands |
| • National Biological Survey | • United States Geological Survey | • State Lands |
| • National Oceanic and Atmospheric Administration | • U.S. Government (Other Federal Lands) | • County Government |
| • National Park Service | • Native American Allotments | • The Nature Conservancy |
| • Natural Resources Conservation Service | • Bureau of Indian Affairs | • Private Landowner |
| | • Tribal Lands | • Other/Unknown |

O: Location Description/Comments

P: Voucher Specimen Made – specify yes or no

Q: Name of Herbarium holding specimen

R: Image 1: image file name

S: Image 2: image file name

T: Image3: image file name

U: Image4: image file name

V: Image 5: image file name



Data Dictionary - Adobe Acrobat – Part 1



Category	Field	Data type	Description	Example	Required?
Reporter Information	Reporter	nvarchar(MAX)	Name of the person, agency, group, organization reporting the data	John Smith or Florida Fish and Wildlife Conservation Commission	Required
	ObservationDate	datetime	Date the subject was observed/recorded in the field	mm/dd/yyyy; 10/17/2009	Required
	YearAccuracy	nvarchar(255)	Use when only have year or month/year for observation date	Actual, estimated, published, to the year, to the month	Optional
	dateentered	datetime	Date record is entered into the database	mm/dd/yyyy; 10/17/2009	Required
	Dateupdated	datetime	Date record information is updated in the database	mm/dd/yyyy; 10/17/2009	Optional
	Updatedby	nvarchar(MAX)	Person or group who updated the record	John Smith or Florida Fish and Wildlife Conservation Commission	Optional
Species Information	Genus	nvarchar(MAX)	Genus name of the subject	Centaurea	Required
	Species	nvarchar(MAX)	Specific epithet of the subject	stoebii	Required
	Variety	nvarchar(MAX)	The variety or subspecies of the subject	micranthos	Required
	phenology	nvarchar(MAX)	Description of subject life stage and characteristics	Flowering, Fruiting, Seedling, Mature plant, Adult, Juvenile, Immature, etc.	Optional
	Sex	nvarchar(50)	Sex of the subject, if known	Male/Female/Both	Optional
	ObservationIdentifier	nvarchar(100)	Person or group who identified subject	John Smith or Florida Fish and Wildlife Conservation Commission	Optional
	Confidence	nvarchar(50)	Confidence of subject identification of the reporter	Unsure, Possible, Probable, Certain	Optional
	Voucher	bit	If a herbarium or museum specimen was made	True (1) or false (0)	Optional
	Herbarium	char(255)	Name of Herbarium or Voucher Location	University of Georgia Herbarium	Optional
	HerbariumRecord	char(50)	Code associated with the record at Herbarium or Museum	1354832	Optional
	reference	nvarchar(MAX)	If record of observation is taken from literature	Wunderlin, R.P., and B.F. Hansen. 2002. Atlas of Florida vascular plants (http://www.plantatlas.usf.edu/). University of South Florida, Tampa	Optional
	Host	nvarchar(MAX)	Host species (Genus species), for biocontrol or insect pest reporting	Glycine max	Required - Biocontrol
Verification and Review	VerificationMethod	nvarchar(255)	Review process, reviewer describing verification method	Expertise, photographs, herbarium specimen	Optional
	IdentificationCredibility	nvarchar(255)	Review process, the reviewer making the call on record information accuracy	Verified or credible	Optional
	ReviewIdentifier	nvarchar(100)	Review process, person or group who identified subject	John Smith or Florida Fish and Wildlife Conservation Commission	Optional
	Identificationdate	datetime	Date of subject identification	mm/dd/yyyy; 10/17/2009	Optional
	reviewed	bit	If record is reviewed by a person or group to determine information accuracy	True (1) or false (0)	Optional
	reviewer	nvarchar(50)	Name of Reviewer	John Smith or Florida Fish and Wildlife Conservation Commission	Optional
Infestation Information	date-reviewed	datetime	Date record is reviewed by a person or group for record information accuracy	mm/dd/yyyy; 10/17/2009	Optional
	NumberCollected	nvarchar(255)	Number or description of species observed or collected	4 beetles, 20 birds, 18 egg masses, etc.	Optional
	Abundance	int	Distribution pattern and amount of plants	Single plant, Scattered plants, Dense monoculture, Dominant cover, or Linearly scattered	Recommended
	density	nvarchar(50)	Number of plants, or abundant, common, rare, etc.	10-20	Optional
	Grossarea	float	Entire area that a large or discontinuous infestation covers	3 acres; gross area = 3	Recommended
	Grossareaunits	nvarchar(20)	Unit of measure (acres, sq feet, etc)	3 acres; gross area units = acres	Recommended
	Infestedarea	float	Actual amount of infested area within the gross area	2 acres; infested area = 2	Recommended
	Infestedareaunits	nvarchar(20)	Unit of measure (acres, sq feet, etc)	2 acres; infested area units = acres	Recommended
	canopycover	char(10)	Percent Cover (High, Low, Moderate, Trace, or a percentage number)	10% or low	Recommended
	stemcount	nvarchar(50)	Approximate number of stems for infestation, range of numbers	15, or 25-30	Optional
	Treatment	bit	If an attempt at control of invasive species was made (1) or not made (0)	True (1) or false (0)	Optional
	TreatmentComments	nvarchar(255)	Description and/or date of treatment	Type of treatment made (pesticide name, mechanical method, etc), date of treatment, environmental conditions at time of treatment, etc.	Optional



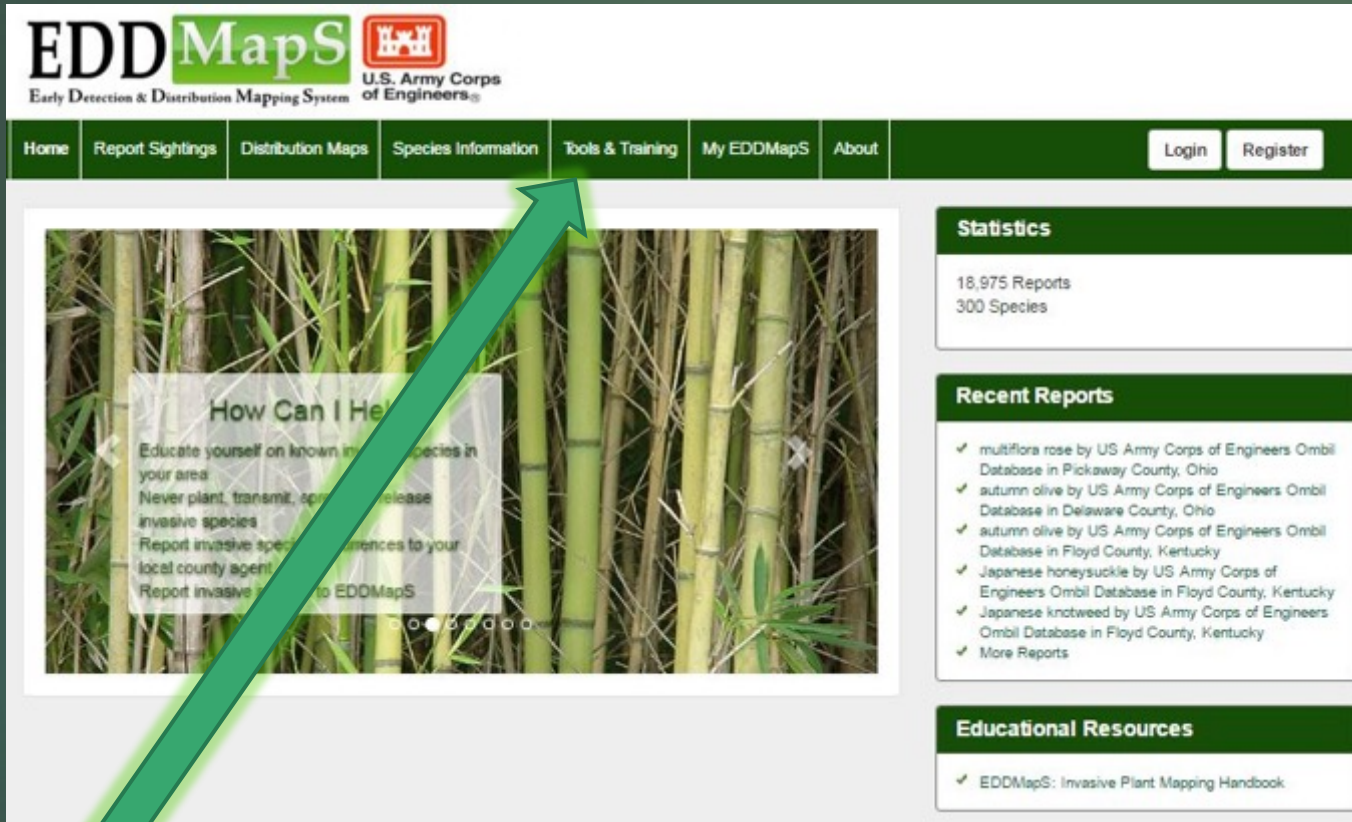
Data Dictionary - Adobe Acrobat – Part 2



Location Information				
Habitat	nvarchar(255)	Area where the subject was located	Forest	Recommended
Locality	nvarchar(MAX)	Description about the Habitat	Located at the East edge of forest near pond	Required
HUC_Number	nvarchar(50)	Hydrologic Unit Code (8-digit number), Recommended for aquatic species	Little Watershed: 03110204	Optional
Elevation	int	Elevation from sea level	100 ft = 100	Optional
Elevation_Units	char(10)	Units of elevation	100 ft = ft	Optional
DisturbTyp	nvarchar(255)	Description of current or historical disturbance that occurred to habitat	Agriculture, road, trail, fence, mining, logging, hog damage/digging, etc.	Optional
DisturbSev	nvarchar(255)	Description of severity of disturbance	Light, moderate, heavy	Optional
ManagementType	nvarchar(255)	Description of priority for land management	Recreation, wildlife, water quality, etc..	Recommended
ImpactedResources	nvarchar(255)	Description of resource the subject is impacting by infestation	Specific animal sanctuary, endangered species, habitat restoration, etc.	Recommended
FIPSCode	nchar(5)	FIPS Code of the state and county the subject is located	Clarke county, GA = 13059	Required
State	int	The state portion of the FIPS Code	13059 = 13	Required
County	int	The county portion fo the FIPS Code	13059 = 059	Required
Country	int	Country in which the subject was recorded	United States of America, Canada, Mexico, etc.	Recommended
Latitude_Decimal	float	Latitude coordinate in decimal degrees	31.450843	Required
Longitude_Decimal	float	Longitude coordinate in decimal degrees	-83.507764	Required
City	nvarchar(50)	City of occurrence	Atlanta	Optional
Section	nvarchar(255)	Public land survey system, numbers	034	Optional
Township	nvarchar(255)	Public land survey system, numbers and letters	45S	Optional
Range	nvarchar(255)	Public land survey system, numbers and letters	40E	Optional
Quart	nchar(10)	Public land survey system, Direction and fraction	SW 1/4	Optional
Quad_Name	nvarchar(255)	Public land survey system, name on quadrangle map	Alton	Optional
Quad_Number	nvarchar(50)	Public land survey system, Combination of letters and numbers	Q3915	Optional
QtrQuad	nvarchar(50)	Public land survey system, recorded as "q###direction"	q2103sw	Optional
National_Ownership	char(4)	Federal ownership, Name	Bureau of Land Management (BLM), National Park Service (NPS), etc.	Optional
Local_Ownership	char(200)	State or regional ownership, description	Stephen Foster State Park	Optional
Survey Information				
DataType	nvarchar(50)	Description of shape of documented subject	Point, Line, Polyline, Polygon, County Record, Quad Record, Quarterquad Record	Recommended
StudyType	nvarchar(50)	Survey method or type	Highest priority species, Single species study, Aerial Survey, Driving Survey, Walking Survey, Specimen, Observaton	Optional
visittype	nvarchar(50)	Purpose of visit to area	Control, Monitoring, Recon, Research	Optional
method	nvarchar(50)	Method of documenting coordinates	GPS, Map, Google Earth, Google Map	Optional
precision	nvarchar(50)	Accuracy Error (in feet) for geographic coordinate data if number	Accurate, Number Range, Centroid, Approximate	Optional
Surveyor	nvarchar(255)	Name or initials of surveyor other than Reporter	John Smith; J. S.	Optional
otherSurveyors	nvarchar(255)	Name or initials of surveyor other than Reporter	Mary Jones, Jane Kelly	Optional
ReporterAffiliation	nvarchar(50)	Agency or Company that the surveyor is affiliated with	United States Department of Agriculture, USDA	Optional
ReporterAffiliation2	nvarchar(50)	Agency or Company that the surveyor is affiliated with	Animal & Plant Health Inspection Service	Optional
Srcname	nvarchar(255)	Organization providing data	Florida Fish and Wildlife Conservation Commission	Optional
Srcid	nvarchar(255)	Organizational number for record	Waypoint or Organization ID	Optional
SiteName	nvarchar(255)	Specific name of area by organization	GH135	Optional
URL	nvarchar(255)	URL link to source data record	www.invasiveplants.org/specimen/IP65461	Optional
NADatum	char(10)	North America Datum	WGS84, NAD83	Recommended
GPSModel	nvarchar(50)	Brand and model of the GPS used to document the coordinates	Trimble Nomad 900G	Optional
Comments	nvarchar(MAX)	Anything that is relevant to the subject, environment, mapping	"Infestation across road from landscaping with many documented invasive species"	Optional
Actionable	bit	True (1) or false (0),	Want data entered, but not publicly available to view	Optional
private	bit	True (1) or false (0),	Doesn't show latitude or longitude	Optional



These resources are also available on the Tools and Training page



EDDMapS U.S. Army Corps of Engineers
Early Detection & Distribution Mapping System

Home Report Sightings Distribution Maps Species Information **Tools & Training** My EDDMapS About Login Register

How Can I Help?

- Educate yourself on known invasive species in your area
- Never plant, transmit, spread, or release invasive species
- Report invasive species sightings to your local county agent
- Report invasive species to EDDMapS

Statistics

18,975 Reports
300 Species

Recent Reports

- ✓ multiflora rose by US Army Corps of Engineers Ombil Database in Pickaway County, Ohio
- ✓ autumn olive by US Army Corps of Engineers Ombil Database in Delaware County, Ohio
- ✓ autumn olive by US Army Corps of Engineers Ombil Database in Floyd County, Kentucky
- ✓ Japanese honeysuckle by US Army Corps of Engineers Ombil Database in Floyd County, Kentucky
- ✓ Japanese knotweed by US Army Corps of Engineers Ombil Database in Floyd County, Kentucky
- ✓ More Reports

Educational Resources

- ✓ EDDMapS: Invasive Plant Mapping Handbook



EDDMapS U.S. Army Corps of Engineers
Early Detection & Distribution Mapping System

Home Report Sightings Distribution Maps Species Information **Tools & Training** My EDDMapS About sign out

Tools and Training Materials

Database Tools

- Statistics
- Access/Download Point Data
- Recently Added Records
- View Plants by County
- View Plants by State
- View invasive species by Congressional district
- Invasive Plant Status Report By State
- Advanced Query Tools

Mapping Tools

- Find a Location
- Latitude/Longitude Converter
- Geocode a Physical Address

Control Resources

- Plant Invaders of Mid-Atlantic Natural Areas
- General Principles for Controlling Normative Invasive Plants
- Weed Control Methods Handbook
- Prescriptions for Specific Normative Invasive Plants
- Control of Problem Weeds in Range and Pasture
- Invasive Plant Responses to Silvicultural Practices in the Southeast
- Invasive Species Management Plans for Plantation Owners
- Herbicide Advice for Homeowners
- Tools of the trade: Tool Reviews

Training Materials

- Reporting Negative Data in the Apps
 - Survey an area and didn't find certain species? Report that!
- EDDMapS Florida Training PowerPoint
- EDDMapS Florida Animals Training PowerPoint
- EDDMapS Florida Training Video
- EDDMapS Florida Animals Training Video
- EDDMapS Missouri River Watershed Coalition Training Video
- Mid-Atlantic Early Detection Network Training Video
- REDCy: Reptile Early Detection and Documentation Observer Training Course
- EDDMapS: Invasive Plant Mapping Handbook - **NEW**
- EDDMapS: Using the Bugwood Smartphone Apps - **NEW**
- How to Verify a Record in EDDMapS
- Florida EDDMapS installer
- Herbarium Collecting Guidelines
- Herbarium Mounting Guidelines

Bulk Data Resources

Resources for uploading data to us

- Data Collection Form - Adobe Acrobat
- Bulk Data Upload Procedure - Adobe Acrobat - **NEW**
- Bulk Data Entry Template - Microsoft Excel
- Bulk Data Entry Collecting Instructions - Microsoft Word
- Bulk Data Entry Collecting Instructions - Adobe Acrobat
- Data Dictionary

Resources for downloading data from us

- Dictionary for Downloaded Data - Adobe Acrobat - **NEW**

Developed by The University of Georgia - Center for Invasive Species and Ecosystem Health.
Last updated on Wednesday, September 10, 2014 at 12:48 PM.
Contact Us - Privacy Policy





Thank you for watching this
EDDMapS USACE Training Video

For questions on uploading bulk data to
EDDMapS contact Rebekah Wallace at
bekahwal@uga.edu



EDD **MapS**

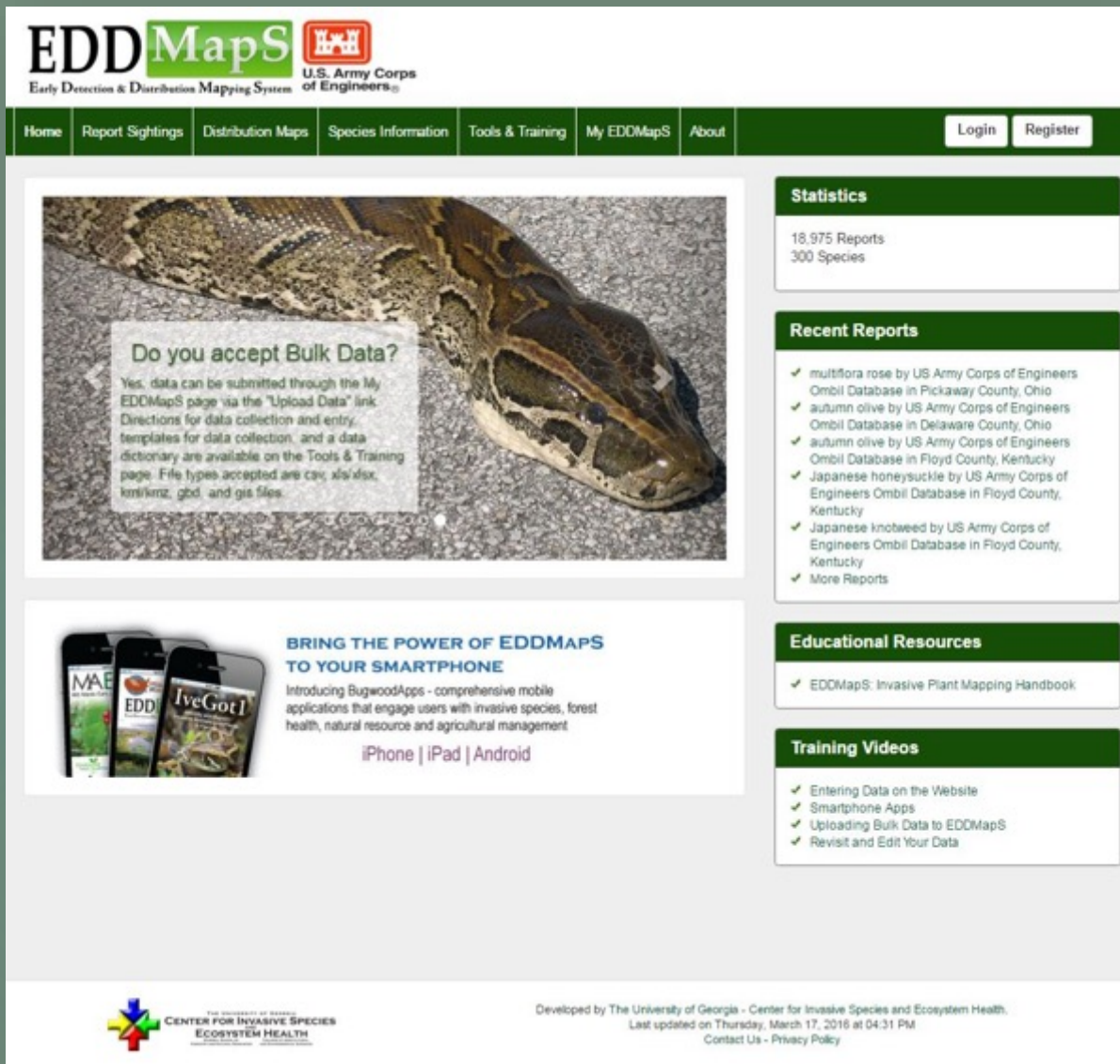


US Army Corps
Of Engineers

TRAINING

Maps and
Advanced Query Tools

Begin by Signing In



The screenshot shows the EDDMapS website homepage. At the top left is the logo for EDDMapS, which includes the text "Early Detection & Distribution Mapping System" and "U.S. Army Corps of Engineers". Below the logo is a navigation menu with links for Home, Report Sightings, Distribution Maps, Species Information, Tools & Training, My EDDMapS, and About. To the right of the menu are buttons for Login and Register. The main content area is divided into several sections. On the left, there is a large image of a snake with a text box that asks "Do you accept Bulk Data?" and provides information about submitting data. Below this is a section titled "BRING THE POWER OF EDDMAPS TO YOUR SMARTPHONE" which features images of three smartphones displaying the EDDMapS app interface. On the right side, there are three green-bordered boxes: "Statistics" showing 18,975 Reports and 300 Species; "Recent Reports" listing several reports with checkmarks; and "Educational Resources" and "Training Videos" sections, each with a list of items and checkmarks. At the bottom of the page, there is a footer with the logo for the Center for Invasive Species and Ecosystem Health, the text "Developed by The University of Georgia - Center for Invasive Species and Ecosystem Health.", and the date "Last updated on Thursday, March 17, 2016 at 04:31 PM".

EDDMapS
Early Detection & Distribution Mapping System
U.S. Army Corps of Engineers

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About Login Register

Do you accept Bulk Data?
Yes, data can be submitted through the My EDDMapS page via the "Upload Data" link. Directions for data collection and entry, templates for data collection, and a data dictionary are available on the Tools & Training page. File types accepted are csv, xls/xlsx, kmz/kmz, gbd, and gis files.

BRING THE POWER OF EDDMAPS TO YOUR SMARTPHONE
Introducing BugwoodApps - comprehensive mobile applications that engage users with invasive species, forest health, natural resource and agricultural management
iPhone | iPad | Android

Statistics
18,975 Reports
300 Species

Recent Reports

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- ✓ Japanese honeysuckle by US Army Corps of Engineers Ombil Database in Floyd County, Kentucky
- ✓ Japanese knotweed by US Army Corps of Engineers Ombil Database in Floyd County, Kentucky
- ✓ More Reports

Educational Resources

- ✓ EDDMapS: Invasive Plant Mapping Handbook

Training Videos

- ✓ Entering Data on the Website
- ✓ Smartphone Apps
- ✓ Uploading Bulk Data to EDDMapS
- ✓ Revisit and Edit Your Data

THE UNIVERSITY OF GEORGIA
CENTER FOR INVASIVE SPECIES AND ECOSYSTEM HEALTH

Developed by The University of Georgia - Center for Invasive Species and Ecosystem Health.
Last updated on Thursday, March 17, 2016 at 04:31 PM
Contact Us - Privacy Policy

Note: You can always view the data in EDDMapS without signing in

Distribution Maps

To see Maps for a project click on Distribution Maps

EDDMapS
Early Detection & Distribution Mapping System

U.S. Army Corps of Engineers

Home Report Sightings **Distribution Maps** Species Information Tools & Training My EDDMapS About sign out

What is EDDMapS?

Real time tracking of invasive species occurrences
Local and national distribution maps
Electronic early detection reporting tools
Library of identification and management information

BRING THE POWER OF EDDMAPS TO YOUR SMARTPHONE

Introducing BugwoodApps - comprehensive mobile applications that engage users with invasive species, forest health, natural resource and agricultural management

iPhone | iPad | Android

Statistics

18,975 Reports
300 Species

Recent Reports

- ✓ common reed by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ purple loosestrife by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ autumn olive by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ Black dog-strangling vine, black swallowwort by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ European buckthorn by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ More Reports

Educational Resources

- ✓ EDDMapS: Invasive Plant Mapping Handbook

Training Videos

- ✓ Entering Data on the Website
- ✓ Smartphone Apps
- ✓ Uploading Bulk Data to EDDMapS
- ✓ Revisit and Edit Your Data



Distribution Maps

EDDMapS U.S. Army Corps of Engineers
Early Detection & Distribution Mapping System

Home Report Sightings **Distribution Maps** Species Information Tools & Training My EDDMapS About [sign out](#)

Distribution Maps

Click on each species to view distribution maps.

[PLANTS](#) [INSECTS](#) [DISEASES](#) [WILDLIFE](#) [View Distribution by Project](#)

Search:

Subject Name	Scientific Name	Records	View
multiflora rose	<i>Rosa multiflora</i>	857	State County Point List
european starling	<i>Sturnus vulgaris</i>	736	State County Point List
Japanese honeysuckle	<i>Lonicera japonica</i>	579	State County Point List
purple loosestrife	<i>Lythrum salicaria</i>	476	State County Point List
Russian olive	<i>Elaeagnus angustifolia</i>	463	State County Point List
wild pig	<i>Sus scrofa (feral type)</i>	424	State County Point List
kudzu	<i>Pueraria montana var. lobata</i>	412	State County Point List
red imported fire ant	<i>Solenopsis invicta</i>	403	State County Point List
autumn olive	<i>Elaeagnus umbellata</i>	398	State County Point List
sericea lespedeza	<i>Lespedeza cuneata</i>	376	State County Point List
johnsongrass	<i>Sorghum halepense</i>	365	State County Point List
tree-of-heaven	<i>Ailanthus altissima</i>	344	State County Point List
Canada thistle	<i>Cirsium arvense</i>	324	State County Point List
garlic mustard	<i>Alliaria petiolata</i>	312	State County Point List

Showing 1 to 14 of 296 entries

You can view maps by

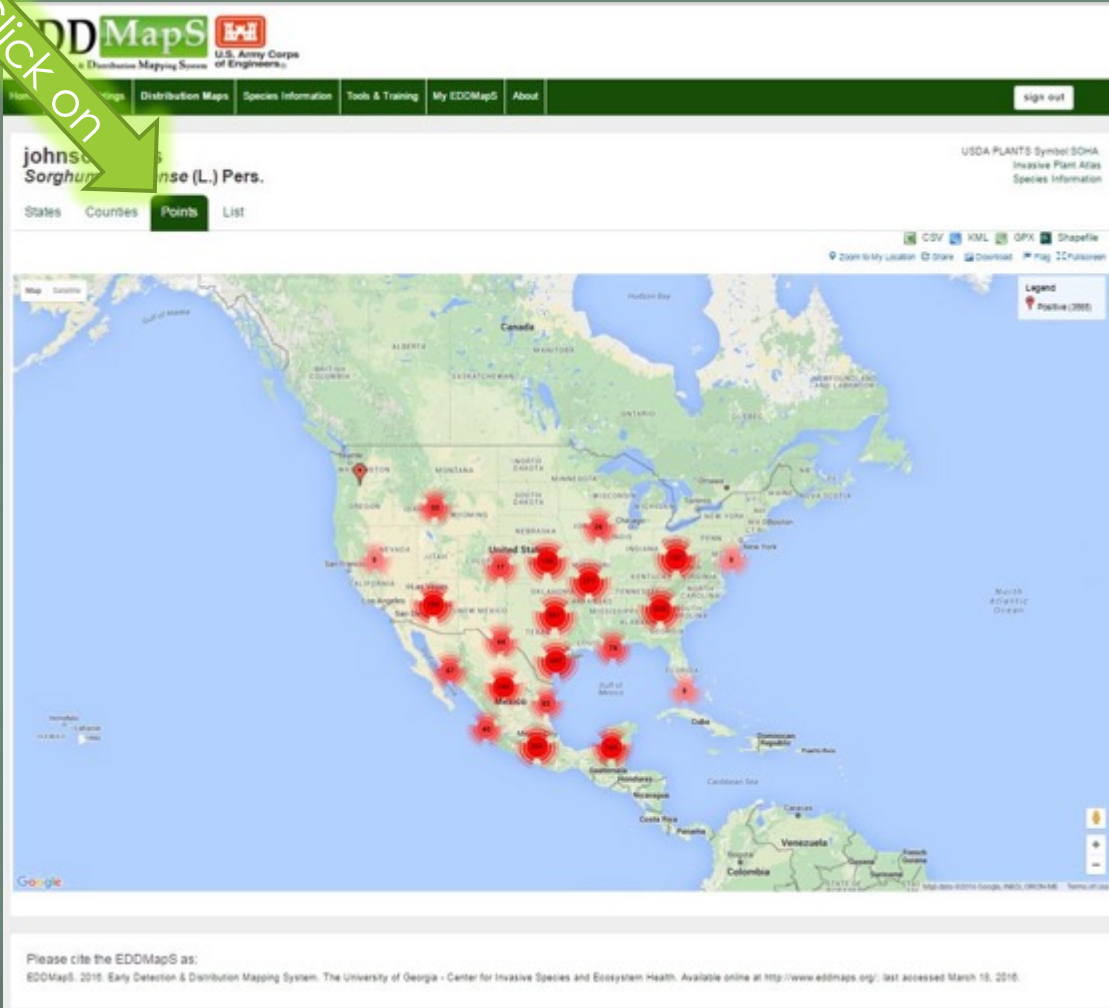
- ✓ Individual species
- ✓ Project



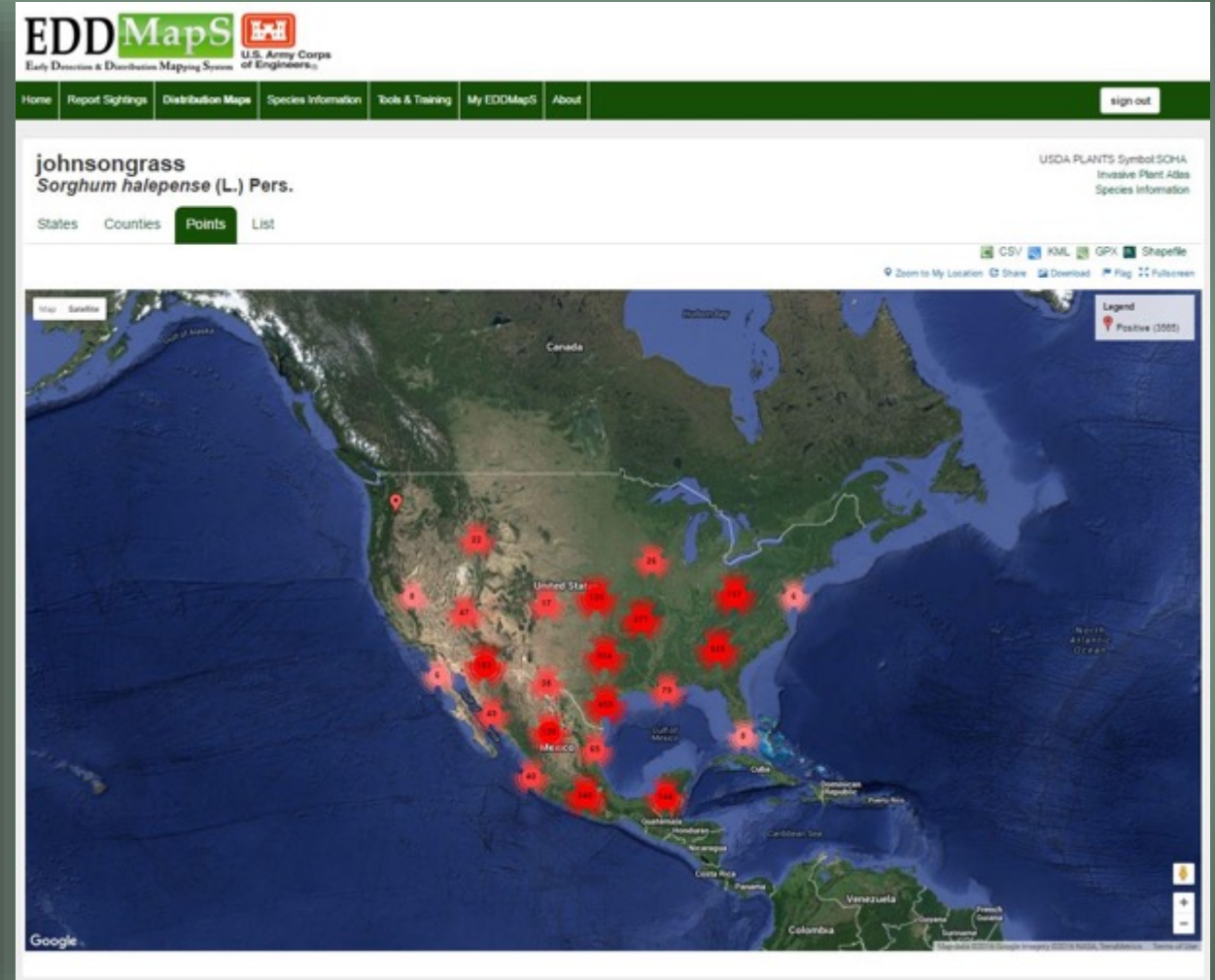
Distribution Maps by Species

View data as Points

Click on



Map



Or Satellite



Distribution Maps – by Species

EDDMapS U.S. Army Corps of Engineers
Early Detection & Distribution Mapping System

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About sign out

johnsongrass
Sorghum halepense (L.) Pers.

USDA PLANTS Symbol:SOHA
Invasive Plant Atlas
Species Information

States Counties Points List

CSV KML GPX Shapefile
Zoom to My Location Share Download Flag Fullscreen

Map Satellite

Legend
Positive (386)

Record ID: 3106533
Reporter: Texas Invasives
Observation Date: 05 Jun 2012

- ✓ Zoom in to see details
- ✓ Click on record to pull it up

EDDMapS U.S. Army Corps of Engineers
Early Detection & Distribution Mapping System

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About sign out

johnsongrass
Sorghum halepense (L.) Pers.

USDA PLANTS Symbol:SOHA
Invasive Plant Atlas
Species Information

States Counties Points List

Record ID: 3106533
Reporter: Texas Invasives
Observation Date: 05 Jun 2012
Date Entered: 27 November 2012
Source Type: Nonprofit

Species Information
Common Name: Johnsongrass
Scientific Name: *Sorghum halepense*

Verification and Review
Reviewed: 14/1/12
Reviewer: JDS
Date Approved: 17 August 2012

Information Information
Plant Type: Grass
Disturbance: Field
Invasion Status: Present

Location Information
Location: Tarrant County, Texas, United States
Coordinates: 32.815, -97.2025

Survey Information
Source Name: Texas Invasives
Source ID: 10211
Comments: 08 S 015 of Road Right Road Shoulder Plus 2775 and 2800 West Road Drive Edge of physical portion of road
08/10/12 during site visit conducted. Repeatedly observed. One reproductive unit present. One seedling
08/10/12. Pathological symptoms (light green)

Creation Time
Other:

Map Satellite



Distribution Maps – by Species

EDDMapS
Early Detection & Distribution Mapping System

U.S. Army Corps of Engineers

Home Report Sightings **Distribution Maps** Species Information Tools & Training My EDDMapS About [sign out](#)

johnsongrass
Sorghum halepense (L.) Pers.

USDA PLANTS Symbol: SOHA
Invasive Plant Atlas
Species Information

States Counties **List**

Search:

ID	User	Location	Date
4427410	Nathan Klaus Georgia Department of Natural Resources	Monroe County, Georgia, United States	11/22/2015
4426123	Karan A. Rawlins University of Georgia	Houston County, Georgia, United States	10/25/2015
4255760	Dan Ashworth Kimley-Horn and Associates	Jackson County, Georgia, United States	07/24/2015
4255772	Dan Ashworth Kimley-Horn and Associates	Jackson County, Georgia, United States	07/08/2015
4239591	Eric Nicoletti CHA, Inc.	Laurens County, Georgia, United States	05/14/2015
4428089	Brooke Shamblyn National Park Service	Collier County, Florida, United States	04/15/2015
4176241	Texas Invaders	Bandera County, Texas, United States	11/28/2014
4176235	Texas Invaders	Williamson County, Texas, United States	10/24/2014
4176236	Texas Invaders	Williamson County, Texas, United States	10/24/2014
4176373	Texas Invaders	Brazoria County, Texas, United States	10/20/2014
4176377	Texas Invaders	Brazoria County, Texas, United States	10/20/2014
4176346	Texas Invaders	Brazoria County, Texas, United States	10/15/2014
4101334	Karan A. Rawlins University of Georgia	Houston County, Georgia, United States	10/11/2014
4176227	Texas Invaders	Brazoria County, Texas, United States	10/05/2014

Showing 1 to 14 of 6,093 entries

View data as a List



Distribution Maps – by Species

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U.S. Army Corps of Engineers

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About sign out

johnsongrass
Sorghum halepense (L.) Pers.

USDA PLANTS Symbol:SOHA
Invasive Plant Atlas
Species Information

States Counties Points List

CSV KML GPX Shapefile
Share Download Flag Fullscreen

Maine

PR
VI
GU
AS
MP

Click on

View data
at State level



Distribution Maps – by Species



EDDMapS
Early Detection & Distribution Mapping System
U.S. Army Corps of Engineers

Home | Report Sightings | **Distribution Maps** | Species Information | Tools & Training | My EDDMapS | About | [Sign out](#)

Bromus tectorum
Bromus tectorum (L.) Pers.

USDA PLANTS Symbol SOHA
Invasive Plant Atlas
Species Information

States | **Counties** | Points | List

Distribution | Record Density | Literature vs Observation

CSV | KML | GPX | Shapefile
Share | Download | Flag | Fullscreen

Legend
□ No Data
■ Species Reported

Click on

Click on

View data at County level by clicking Distribution



Distribution Maps – by Species



EDDMapS U.S. Army Corps of Engineers
Early Detection & Distribution Mapping System

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johnsongrass
Sorghum halepense (L.) Pers.

USDA PLANTS Symbol:SOHA
Invasive Plant Atlas
Species Information

States **Counties** Points List

Distribution **Record Density** Literature vs Observation

CSV KML GPX Shapefile
Share Download Flag Fullscreen

Legend

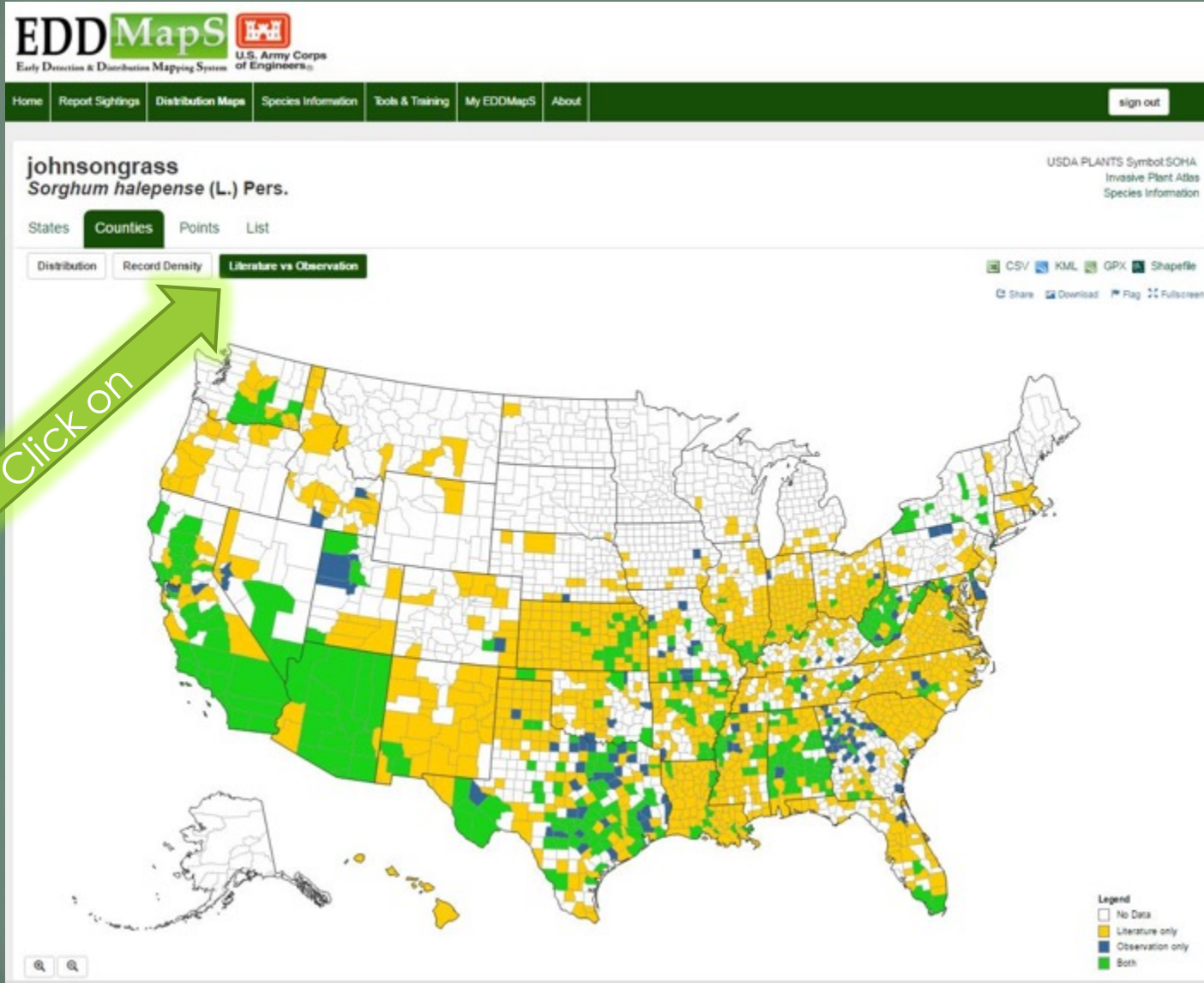
- No Data
- 1
- 2-10
- 11-100
- 101-500
- 501+

US Army Corps of Engineers

View data at County level by clicking Record Density



Distribution Maps – by Species



View data at County level by clicking Literature vs Observation



Distribution Maps – by Species

EDD MapS U.S. Army Corps of Engineers
Early Detection & Distribution Mapping System

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About sign out

johnsongrass
Sorghum halepense (L.) Pers.

USDA PLANTS Symbol: SOHA
Invasive Plant Atlas
Species Information

States Counties Points List

You will receive an email shortly with instructions to download the requested content.

CSV KML GPX Shapefile
Zoom to My Location Share Download Map Fullscreen

Legend
Positive (305)

Download the data as

- ✓ CSV file
- ✓ KML file
- ✓ GPX file
- ✓ Shapefile

You will receive an email shortly with instructions to download the requested content



Distribution Maps – by Species

Click on Share to get the url

EDDMapS
Early Detection & Distribution Mapping System
U.S. Army Corps of Engineers

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About

johnsongrass
Sorghum halepense (L.) Pers.

USDA PLANTS Symbol:SOHA
Invasive Plant Atlas
Species Information

States Counties Points List

Distribution Record Density Literature vs Observation

CSV KML GPX Shapefile
State Download Flag 22 Fullscreen

Click on Flag to report a problem

EDDMapS
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U.S. Army Corps of Engineers

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About

johnsongrass
Sorghum halepense (L.) Pers.

USDA PLANTS Symbol:SOHA
Invasive Plant Atlas
Species Information

States Counties Points List

Distribution Record Density Literature vs Observation

CSV KML GPX Shapefile

Map Embed code
`<script src='\"/>`

Map Url
`<input type='\"/>`

Legend
No Data
Literature only
Observation only
Both

Report Content or Site Problem

Reason

- Content is offensive or indecent
- Information on page is incorrect
- Provided information is ambiguous or misleading
- Content infringes copyright
- Page is not working as expected
- Suggestion for improvement

Please describe the problem

Please describe the problem or issue that you are seeing

Your name

Name (not required but helpful)

Your Email

Email (Required)

Submit

Distribution Maps – by Project



EDD MapS U.S. Army Corps of Engineers
Early Detection & Distribution Mapping System

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About sign out

Top 15 species within 5 miles of Benbrook Lake

- turpweed, *Rapizum rugosum*
- Chinese privet, *Ligustrum sinense*
- bermudagrass, *Cynodon dactylon*
- plant reed, *Arundo donax*
- dellgrass, *Paspalum dilatatum*
- chocolate, *Melia azadirach*
- glossy privet, *Ligustrum lucidum*
- johnsongrass, *Sorghum halepense*
- dandelion, *Taraxacum officinale*
- mimosa, *Albizia julibrissin*
- waxyleaf privet, *Ligustrum quihoui*
- yellow bluestem, *Bolbocytis ischaemum*
- Japanese honeysuckle, *Lonicera japonica*
- sacred bamboo, *Nandina domestica*

All species within 5 miles of Benbrook Lake

Subject Name	Scientific Name	Records
turpweed	<i>Rapizum rugosum</i>	28
chocolate	<i>Melia azadirach</i>	31
glossy privet	<i>Ligustrum lucidum</i>	20
waxyleaf privet	<i>Ligustrum quihoui</i>	20
johnsongrass	<i>Sorghum halepense</i>	19
Japanese honeysuckle	<i>Lonicera japonica</i>	17
Chinese privet	<i>Ligustrum sinense</i>	16
bermudagrass	<i>Cynodon dactylon</i>	14
sacred bamboo	<i>Nandina domestica</i>	13
yellow bluestem	<i>Bolbocytis ischaemum</i>	12
dandelion	<i>Taraxacum officinale</i>	11
plant reed	<i>Arundo donax</i>	9
feld introduced	<i>Convolvulus arvensis</i>	8

Showing 1 to 14 of 42 entries

Top 15 species within five miles is mapped, each species marked with a different pin color

All species within five miles is listed – 42 different species have been reported within five miles



Distribution Maps – by Project

Zoom in to see more detail or to view an individual record

EDDMapS Early Detection & Distribution Mapping System U.S. Army Corps of Engineers

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About sign out

Top 15 species within 5 miles of Benbrook Lake

- turnipweed, *Rapistrum rugosum*
- Chinese privet, *Ligustrum sinense*
- bermudagrass, *Cynodon dactylon*
- giant reed, *Arundo donax*
- dallisgrass, *Paspalum dilatatum*
- chinaberry, *Melia azedarach*
- glossy privet, *Ligustrum lucidum*
- johnsongrass, *Sorghum halepense*
- dandelion, *Taraxacum officinale*
- mimosa, *Albizia julibrissin*
- waxyleaf privet, *Ligustrum quihoui*
- yellow bluestem, *Bothriochloa ischaemum*
- Japanese honeysuckle, *Lonicera japonica*
- sacred bamboo, *Nandina domestica*

Map Satellite

chinaberry, *Melia azedarach*
More Information

Google

Map data © 2016 20 mi Terms of Use Report a map error

Click to view record



Advanced Query Tools - Maps

EDDMapS
Early Detection & Distribution Mapping System
U.S. Army Corps of Engineers

Home | Report Sightings | Distribution Maps | Species Information | **Tools & Training** | EDDMapS | About | sign out

What is EDDMapS?

Real time tracking of invasive species occurrences
Local and national distribution maps
Electronic early detection reporting tools
Library of identification and management information

Recent Reports

- ✓ common reed by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ purple loosestrife by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ autumn olive by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ Black dog-strangling vine, black swallowwort by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ European buckthorn by US Army Corps of Engineers Ombil Database in Waushara County, Wisconsin
- ✓ More Reports

Educational Resources

- ✓ EDDMapS: Invasive Plant Mapping Handbook

Training Videos

- ✓ Entering Data on the Website
- ✓ Smartphone Apps
- ✓ Uploading Bulk Data to EDDMapS
- ✓ Revisit and Edit Your Data

BRING THE POWER OF EDDMAPS TO YOUR SMARTPHONE

Introducing BugwoodApps - comprehensive mobile applications that engage users with invasive species, forest health, natural resource and agricultural management

iPhone | iPad | Android

Click on Tools & Training



Advanced Query Tools - Maps




EDDMapS
Early Detection & Distribution Mapping System

U.S. Army Corps of Engineers


Home | Report Sightings | Distribution Maps | Species Information | Tools & Training | My EDDMapS | About | sign out

Tools and Training Materials



Database Tools

- Statistics
- Access/Download Point Data
- Recently Added Records
- View Plants by County
- View Plants by State
- View invasive species by Congressional district
- Invasive Plant Status Report
- Advanced Query Tools



Training Materials

- Reporting Negative Data in the Apps
 - Survey an area and didn't find certain species? Report
- EDDMapS Florida Training Course
- EDDMapS Missouri River Watershed Coalition Training Video
- EDDMapS Missouri River Watershed Coalition Training Video
- Mid-Atlantic Early Detection Network Training Video
- REDDy: Reptile Early Detection and Documentation Observer Training Course
- EDDMapS: Invasive Plant Mapping Handbook - **NEW**
- EDDMapS: Using the Bugwood Smartphone Apps - **NEW**
- How to Verify a Record in EDDMapS
- Florida EDDMapS minifyer
- Herbarium Collecting Guidelines
- Herbarium Mounting Guidelines

Mapping Tools

- Find a Location
- Latitude/Longitude Converter
- Geocode a Physical Address

Control Resources

- Plant Invaders of Mid-Atlantic Natural Areas
- General Principles for Controlling Nonnative Invasive Plants
- Weed Control Methods Handbook
- Prescriptions for Specific Nonnative Invasive Plants
- Control of Problem Weeds in Range and Pasture
- Invasive Plant Responses to Silvicultural Practices in the South
- Invasive Species Management Plans for Florida
- Herbicide Advice for Homeowners
- Tools of the trade: Tool Reviews

Bulk Data Resources

Resources for uploading data to us

- Data Collection Form - Adobe Acrobat
- Bulk Data Upload Procedure - Adobe Acrobat - **NEW**
- Bulk Data Entry Template - Microsoft Excel
- Bulk Data Entry Collecting Instructions - Microsoft Word
- Bulk Data Entry Collecting Instructions - Adobe Acrobat
- Data Dictionary

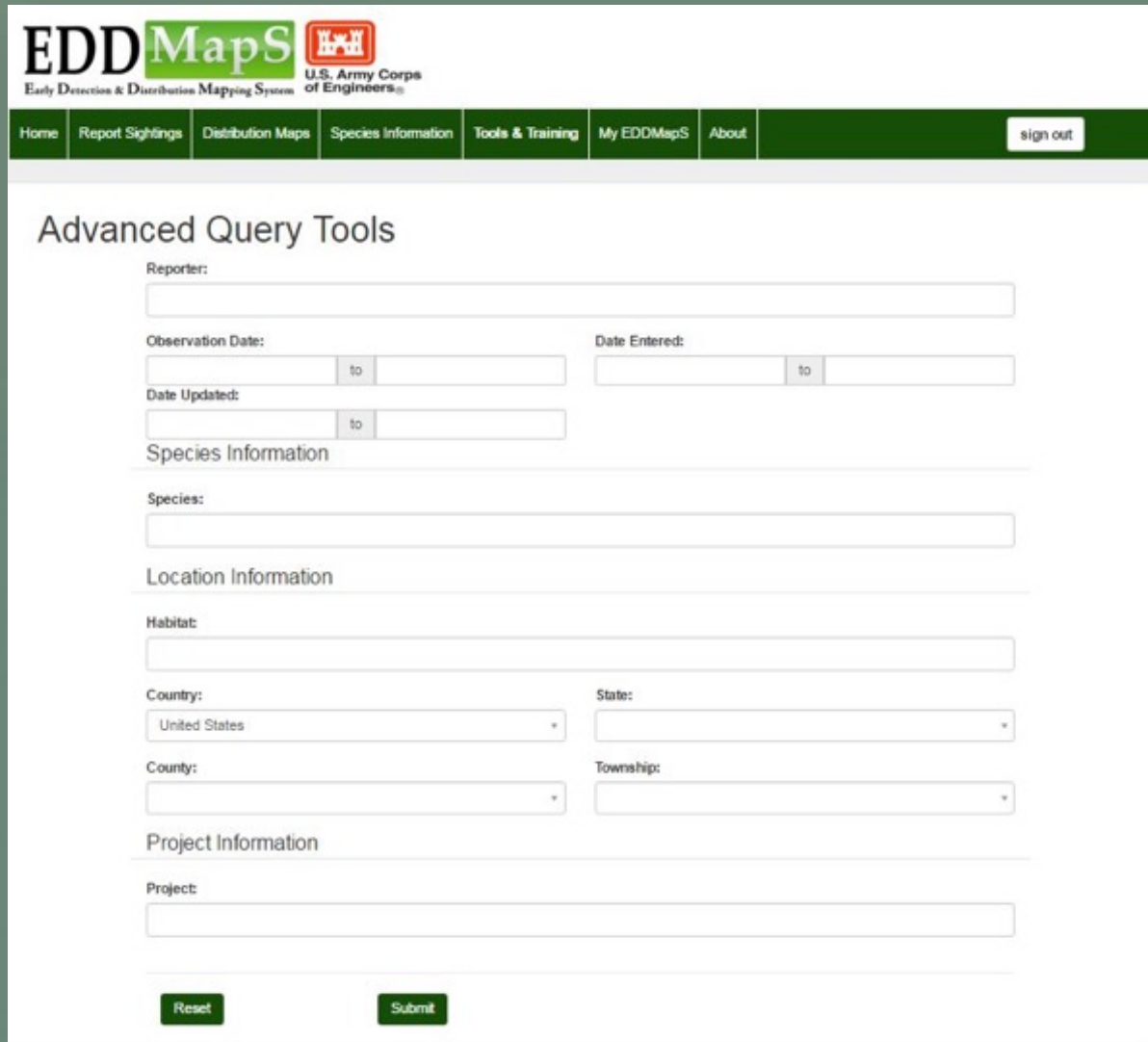
Resources for downloading data from us

- Dictionary for Downloaded Data - Adobe Acrobat - **NEW**

Click on
Advanced Query Tools



Advanced Query Tools - Maps



The screenshot shows the EDDMapS web application interface. At the top left is the logo for EDDMapS, which includes the text "Early Detection & Distribution Mapping System" and "U.S. Army Corps of Engineers". Below the logo is a navigation menu with links for Home, Report Sightings, Distribution Maps, Species Information, Tools & Training, My EDDMapS, and About. A "sign out" button is located on the right side of the menu. The main content area is titled "Advanced Query Tools" and contains several sections of search criteria:

- Reporter:** A single text input field.
- Observation Date:** Two date input fields with "to" separators between them.
- Date Entered:** Two date input fields with "to" separators between them.
- Date Updated:** Two date input fields with "to" separators between them.
- Species Information:** A section header followed by a "Species:" label and a text input field.
- Location Information:** A section header followed by a "Habitat:" label and a text input field.
- Country:** A dropdown menu currently showing "United States".
- State:** A dropdown menu.
- County:** A dropdown menu.
- Township:** A dropdown menu.
- Project Information:** A section header followed by a "Project:" label and a text input field.

At the bottom of the form are two buttons: "Reset" and "Submit".

You can set the criteria for the search to be as general or as specific as you need



Advanced Query Tools - Maps

EDD MapS
Early Detection & Distribution Mapping System
U.S. Army Corps of Engineers

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About [sign out](#)

Advanced Query Tools

Reporters:

- Amin Karadaghy
- kara hauge
- Kara Lotto-Swagart
- Kara Spahl
- Karan A. Rawlins
- Karan Rempel
- Mehmet Karal

Location Information

Habitat:

Country: State:

County: Township:

Project Information

Project:

Choose one or multiple reporters

Begin typing in a name and then choose from the drop down list



Advanced Query Tools - Maps

EDD MapS
Early Detection & Distribution Mapping System
U.S. Army Corps of Engineers

Home | Report Sightings | Distribution Maps | Species Information | Tools & Training | My EDDMapS | About | [sign out](#)

Advanced Query Tools

Reporter:
 A.M. Falls Acrid Deadfield Karan A. Rawlins

Observation Date: to Date Entered: to

Date Updated: to

Species Information

Species:
 johnsongrass (*Sorghum halepense*) kudzu (*Pueraria montana* var. *lobata*) loni

- alpine honeysuckle *Lonicera alpigena*
- American fly honeysuckle *Lonicera canadensis*
- Amur honeysuckle *Lonicera maackii*
- angelon *Angelonia* spp.
- Arizona honeysuckle *Lonicera arizonica*
- banana aphid *Pentalonia nigronervosa*
- Ipomoea stolonifera - Synonym for *Ipomoea imperati***
- Miscanthus *Miscanthus sinensis*

County: Township:

Project Information

Project:

[Reset](#) [Submit](#)

Choose one or multiple Species

Begin typing in a name and then choose from the drop down list



Advanced Query Tools - Maps

The screenshot shows the EDDMapS web application interface. At the top left is the logo for EDDMapS (Early Detection & Distribution Mapping System) and the U.S. Army Corps of Engineers. A navigation bar contains links for Home, Report Sightings, Distribution Maps, Species Information, Tools & Training, My EDDMapS, and About, along with a sign out button. The main content area is titled "Advanced Query Tools" and contains several sections for filtering data:

- Reporter:** A search box with three suggestions: "A.M. Falls", "Acrid Deadfield", and "Karan A. Rawlins".
- Observation Date:** A date range selector with "3/1/2016" and "3/15/2016" entered, and a "to" separator.
- Date Entered:** An empty date range selector with a "to" separator.
- Date Updated:** An empty date range selector with a "to" separator.
- Species Information:** A search box with three suggestions: "johnsongrass (Sorghum halepense)", "kudzu (Pueraria montana var. lobata)", and "bush honeysuckles (exotic) (Lonicera spp.)".
- Location Information:**
 - Habitat:** A search box with "Riparian", "Edge: Upland/wetland", and "we" entered. A dropdown list shows "Wetlands: Bog", "Wetlands: Marsh", and "Wetlands: Swamp".
 - County:** An empty dropdown menu.
 - Township:** An empty dropdown menu.
- Project Information:** A search box with "Project:" above it.

At the bottom of the form are two buttons: "Reset" and "Submit".

Choose one or multiple Habitat types

Begin typing in a name and then choose from the drop down list



Advanced Query Tools - Maps

EDD MapS U.S. Army Corps of Engineers
Early Detection & Distribution Mapping System

Home Report Sightings Distribution Maps Species Information Tools & Training My EDDMapS About [sign out](#)

Advanced Query Tools

Reporter:
 A.M. Falls Acrl Deadfield Karan A. Rawlins

Observation Date: to Date Entered: to

Date Updated: to

Species Information

Species:
 johnsongrass (*Sorghum halepense*) kudzu (*Pueraria montana var. lobata*) bush honeysuckles (exotic) (*Lonicera* spp.)

Location Information

Habitat:
 Riparian Edge: Upland/wetland Wetlands: Bog

Country: State:

County: Township:

Project Information

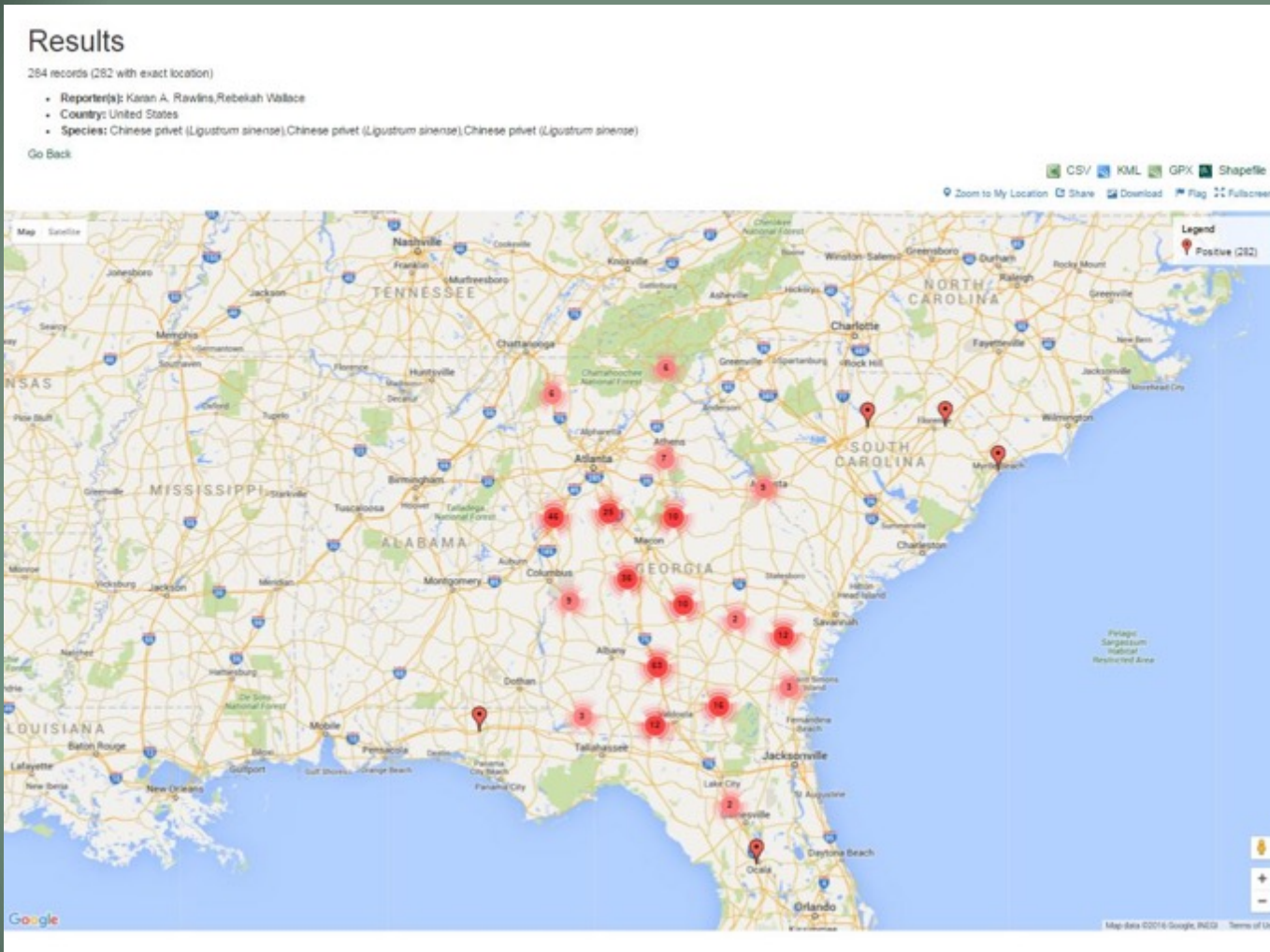
Project:

Click on Submit to run the search

For USACE Projects use Distribution MapS



Advanced Query Tools - Maps



Downloads work the same way as Distribution Maps

You can Share the map the same way as Distribution Maps





Thank you for participating in this
EDDMapS USACE training.

This and other trainings are available
on the EDDMapS USACE Website.

For any questions contact us at
Bugwood@uga.edu



EDD **MapS**



US Army Corps
Of Engineers

TRAINING

Smartphone Apps and EDD **MapS**

BUGWOOD APPS Home Our Applications Contact

Center for Invasive Species and Ecosystem Health Mobile Applications
We design and publish comprehensive mobile applications that engage users with invasive species, forest health, natural resource and agricultural management.

liveGot!
liveGot! brings the power of EDDMapS to your phone. Now you can submit invasive species observations directly with your phone from the field. These reports are sent to local and state verifiers for review. liveGot! was developed by the University of Georgia Center for Invasive Species and Ecosystem Health through a cooperative agreement with the National Park Service, in cooperation with the Florida Pan and Wildlife Conservation Commission and the University of Florida Center for Aquatic and Invasive Plants. liveGot! is more than just an iPhone app. It is an integrated mobile system including a robust database for Florida that includes the app, a website with direct access to invasive species reporting and a hotline (800) 358-3527 for report requests and reviews.

Available on the App Store | Download on the Google play

EDDMapS West
On December 28, 2010 the NRVCC and CDEH launched the EDDMapS West: a customized solution that includes an interface that displays interactive field markers to the location scene, and that provides a means of entering new sightings of invasive plant species, a mechanism for saving, appropriate individuals to the report, and generates distribution maps for the reported species.

Available on the App Store | Download on the Google play

Mid-Atlantic Early Detection Network (MAEDN)
Mid-Atlantic Early Detection Network (MAEDN) is a new network of land managers, forest owners, urban foresters, naturalists, gardeners and other interested in documenting invasive plant occurrences in the mid-Atlantic region for the purposes of early detection, invasive management and better coordination. The region includes Delaware, Maryland, New Jersey, New York, Pennsylvania, Virginia, West Virginia and the District of Columbia.

Available on the App Store | Download on the Google play

SEEDN Southeast Early Detection Network
The Southeast Early Detection Network (SEEDN) now brings the power of EDDMapS to your smartphone. Now you can submit invasive species observations directly with your smartphone from the field. These reports are sent to EDDMapS and emailed directly to local and state verifiers for review. SEEDN was developed by the University of Georgia Center for Invasive Species and Ecosystem Health. SEEDN is more than just a smartphone app. It is an integrated mobile system including a robust database for the Southeastern United States that includes the app and the EDDMapS website.

Available on the App Store | Download on the Google play

Invasive Plant Atlas of New England
This app allows IPANE to become mobile and allow IPANE users to report sightings of invasive plants directly in the field.

Available on the App Store | Download on the Google play

Outsmart Invasive Species
The goal of the project is to strengthen ongoing invasive species monitoring efforts in Massachusetts by providing help from experts. The user can photograph, record, and report invasive species to experts, and connect with other users who are also reporting. The user can also view all the reported sightings.

Available on the App Store | Download on the Google play

Great Lakes Early Detection Network (GLEDN)
GLEDN is an invasive species early detection and warning system for the Great Lakes region developed through funding provided by the National Park Service as part of the Great Lakes Restoration Initiative.

Available on the App Store | Download on the Google play

Texas Invaders
The mission of Texas Invasive Species program collect species observations from counties "border to border" across the state to identify and monitor invasive species. Early Detection and Reporting (EDR) with the 11 volunteer citizen scientist teams and students in their own neighborhoods. The program offers assistance in locating geographical locations and distributional information for known and potentially invasive plant species.

Available on the App Store | Download on the Google play



New Jersey Invasive Species Strike Team
Seeking Early Detection & Evaluation Point Response: Our fundamental approach to the control of emerging invasive species involves harnessing the observational expertise of public & private land stewards. Once a site has been detected, evaluation activities are planned, using the cooperation the best management practices in place for each invasive species being targeted. Other evaluation is typically provided, but used to confirm the observations of what has been detected so that they are not missed.

Available on the App Store | Download on the Google play

Alaska Weeds ID
Alaska Weeds ID brings the power of EDDMapS to your phone. Now you can use an interactive tool to identify invasive plants and submit those observations directly with your phone from the field. By recording sightings of invasive plants, we can better understand the extent of these invasions and identify and evaluate new infestations before they become huge problems. The goal of Alaska Weeds ID is to make identification and reporting of invasive plants as easy and efficient as possible.

Available on the App Store

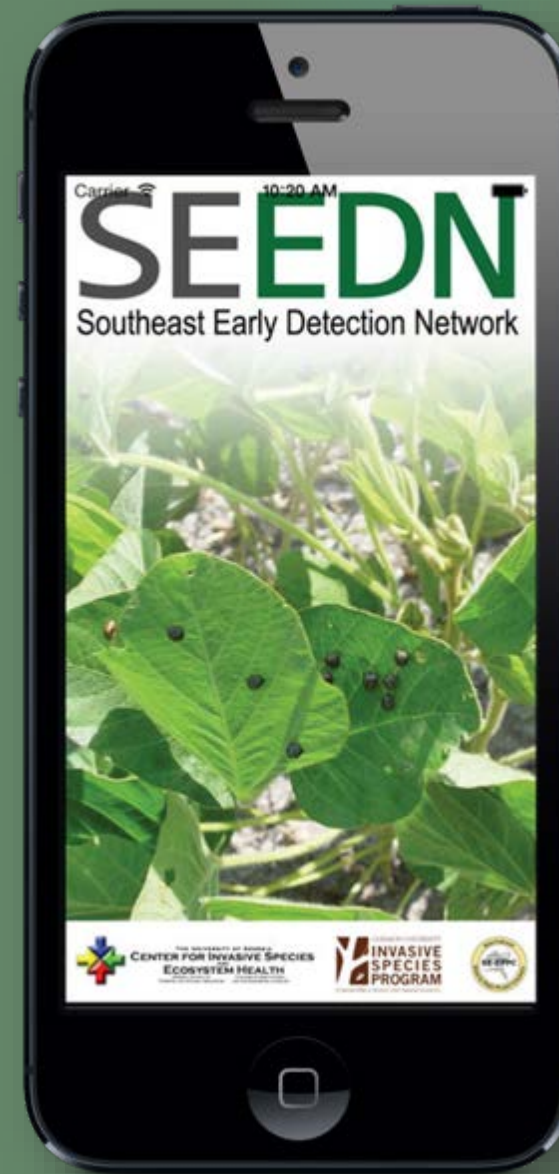
Bring the Power of EDDMapS to Your Smartphone

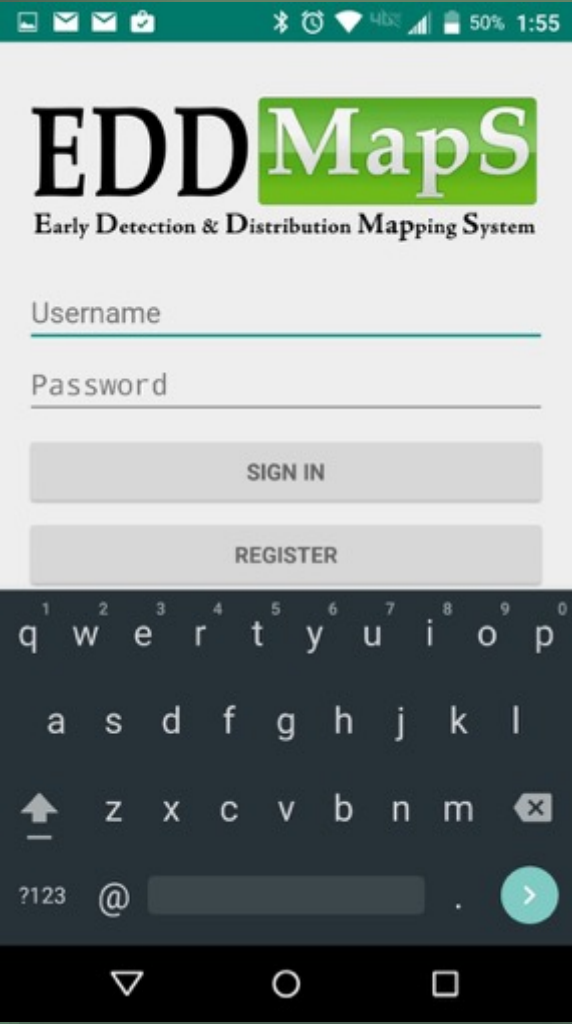
- ✓ Choose the app closest to your region
- ✓ Download the app  
- ✓ Submit invasive species observations directly with your phone from the field
- ✓ All reports are sent to verifiers for review
- ✓ Works on both Android and iPhone devices

We will use the SEEDN app for this training

Included in the apps

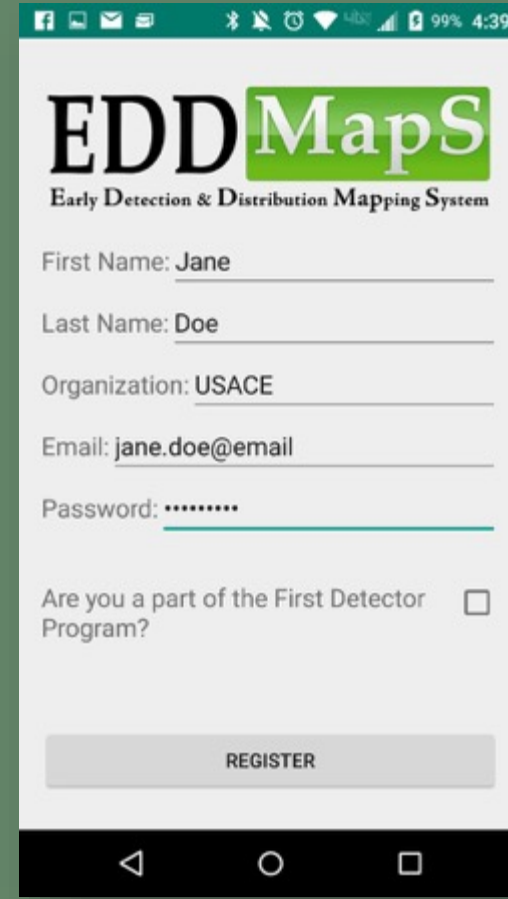
- ✓ Field Guides
 - ✓ Create your own species list
 - ✓ Information
 - ✓ Images
- ✓ Distribution Maps
 - ✓ View all points reported
 - ✓ View individual reports
- ✓ Reporting forms
 - ✓ Report Infestations
 - ✓ Report Negative Data (where invasives are not present)





Sign In or Register

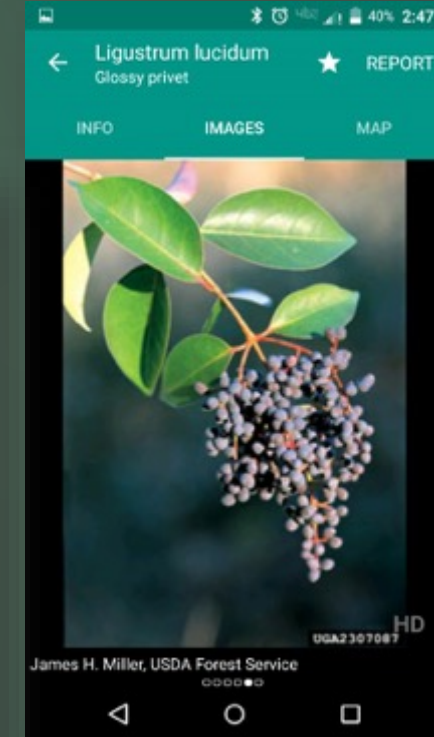
You can Register right on your smartphone



Field Guide – To help with identification of species

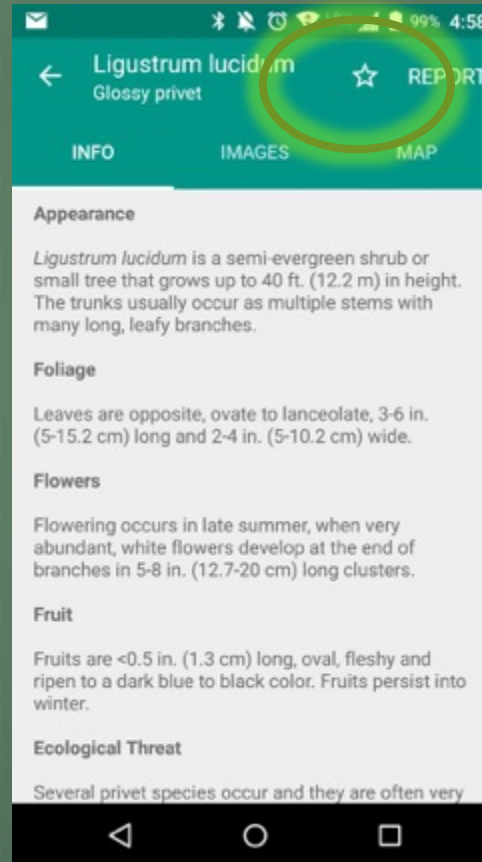
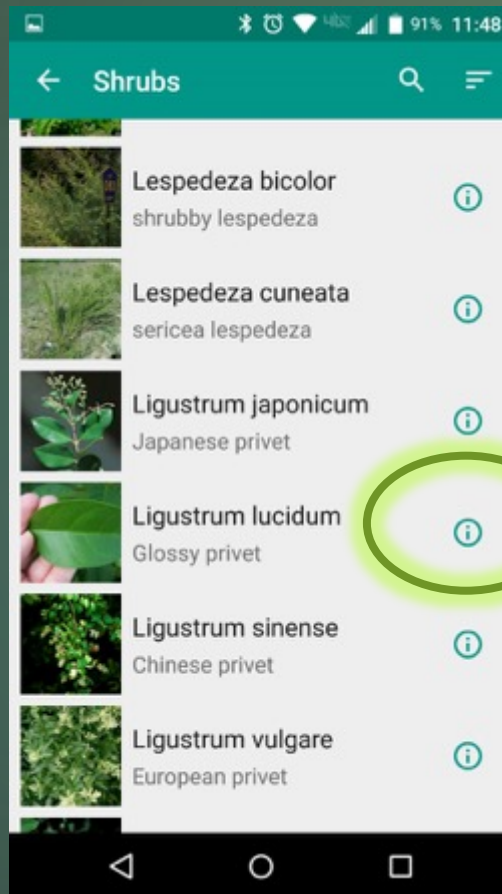
- ✓ Information/Description
- ✓ Images

- ✓ Click on Report to go straight to reporting form



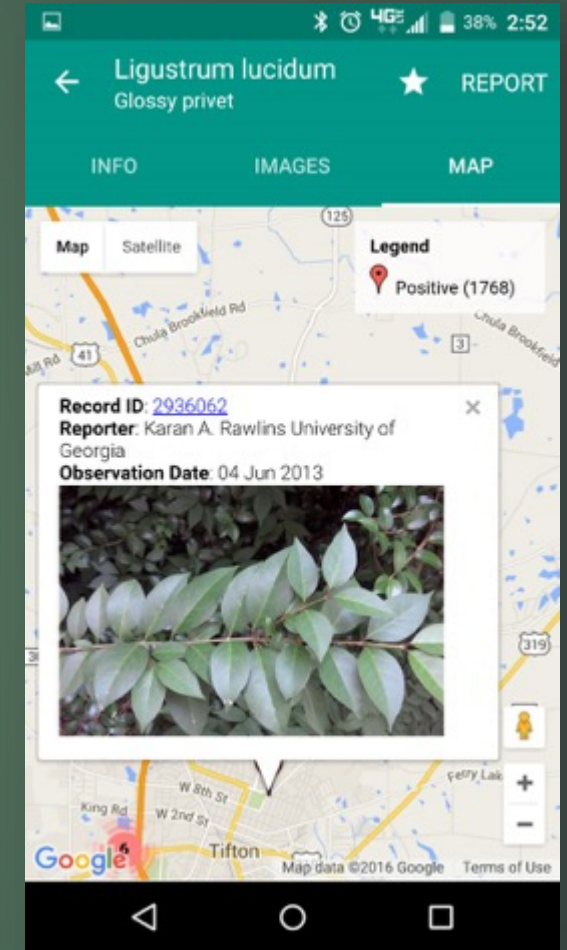
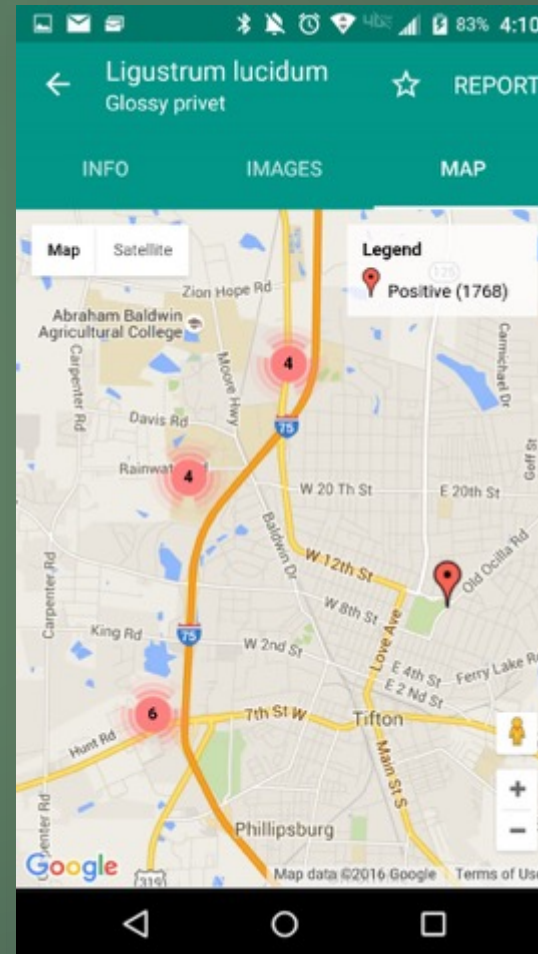
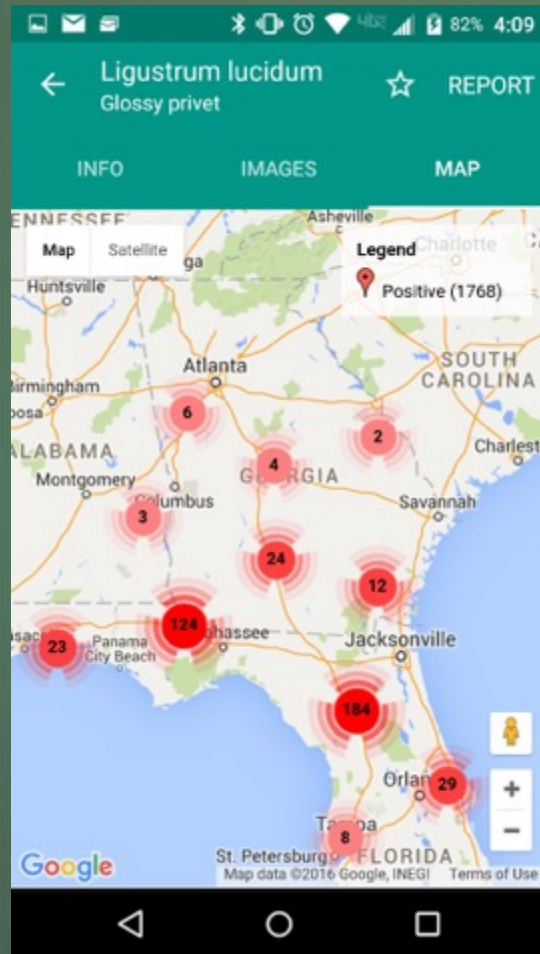
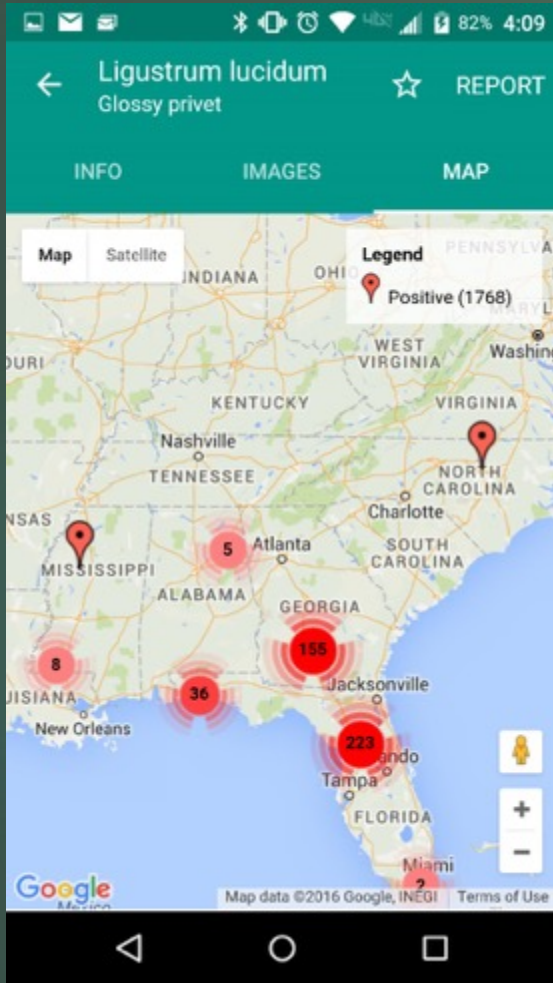
Field Guide – Create your list

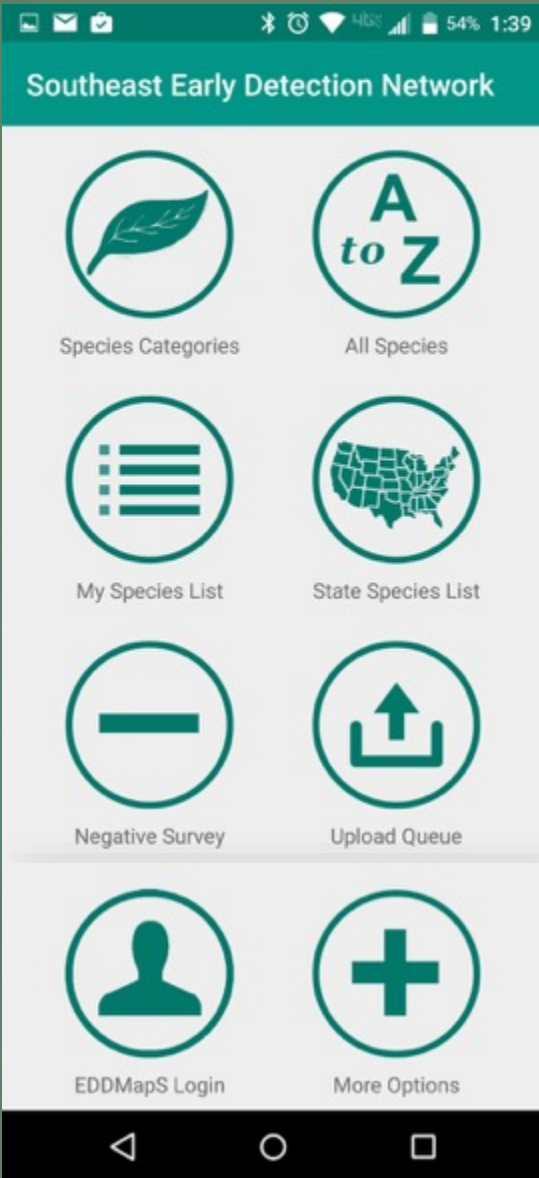
- ✓ Click on  to go to the Field Guide
- ✓ Easily create your own list, with only the species you need for each survey, by clicking on the star



Distribution Maps

- ✓ View all reports for this species
- ✓ Zoom in
- ✓ View details of a report

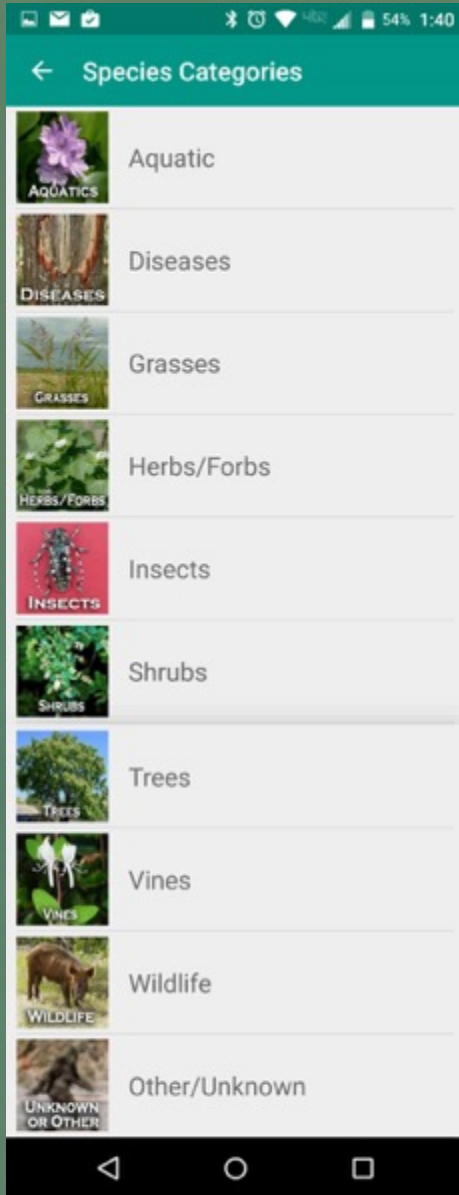




Find your species – *Search By*

- ✓ Species Categories
- ✓ All Species
- ✓ My Species List
- ✓ State Species List (Coming soon)





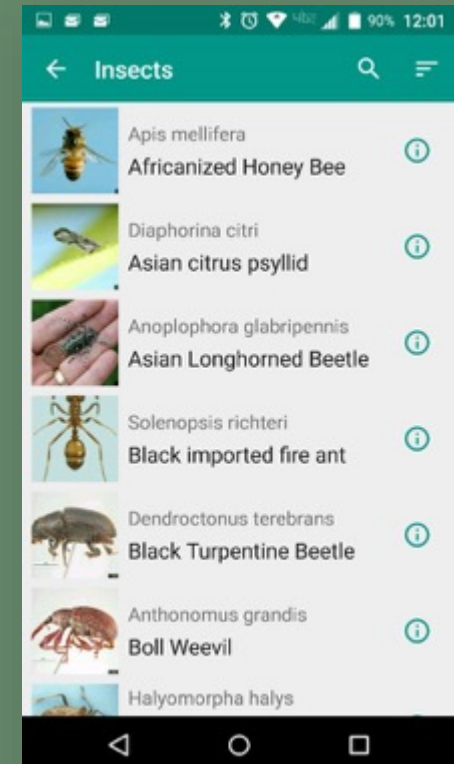
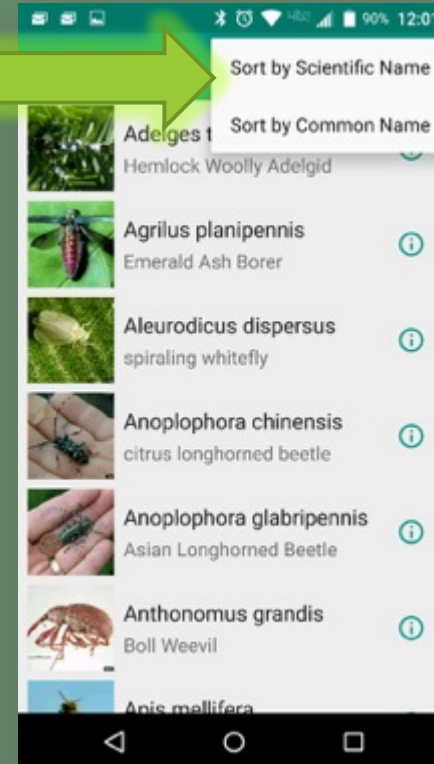
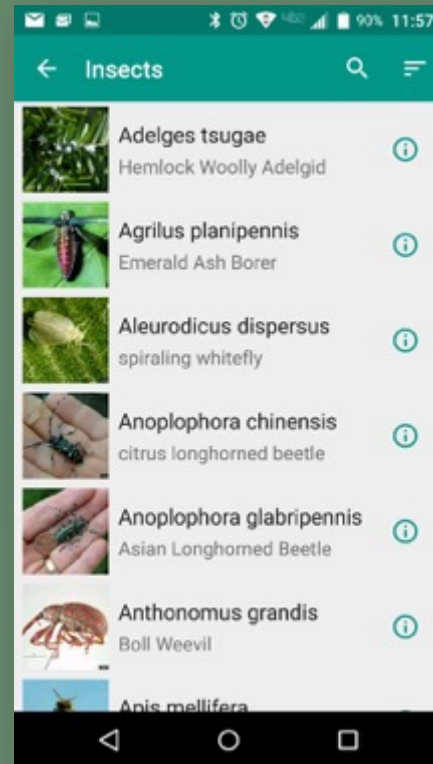
Search by: Species Categories

- ✓ Click on the category, then
- ✓ You can choose to sort species by

Scientific Name

or

Common Name

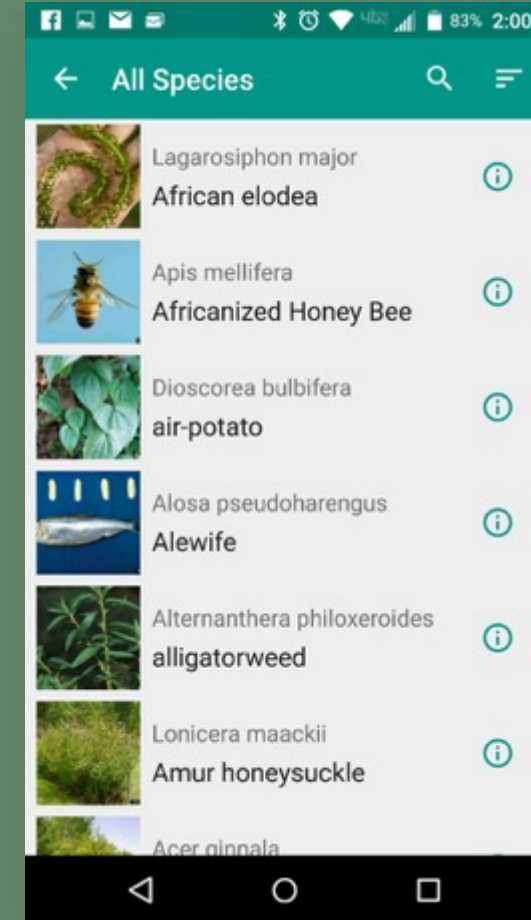
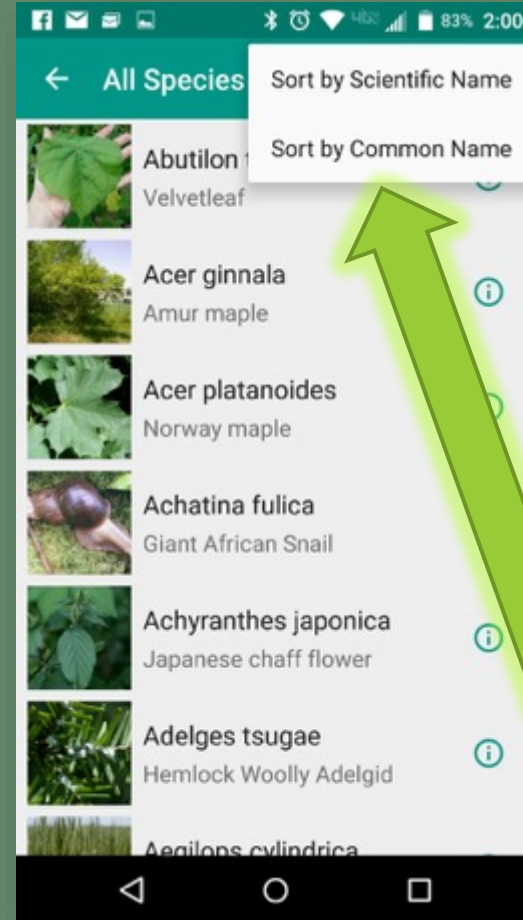
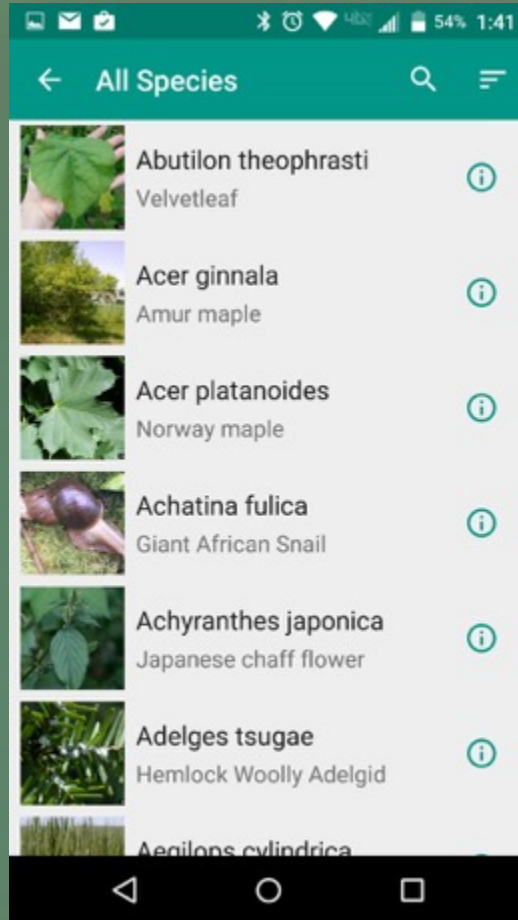


Search by: All Species

Scientific Name

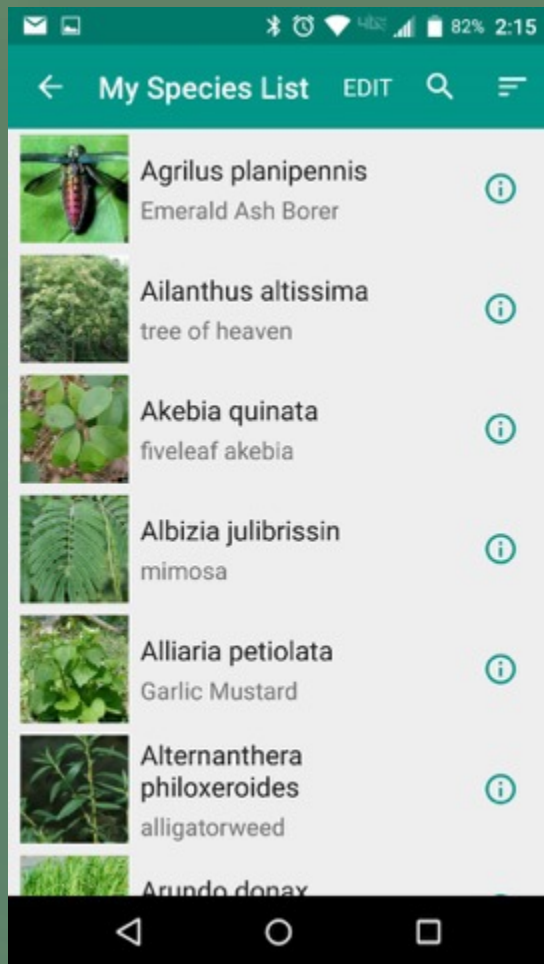
or

Common Name

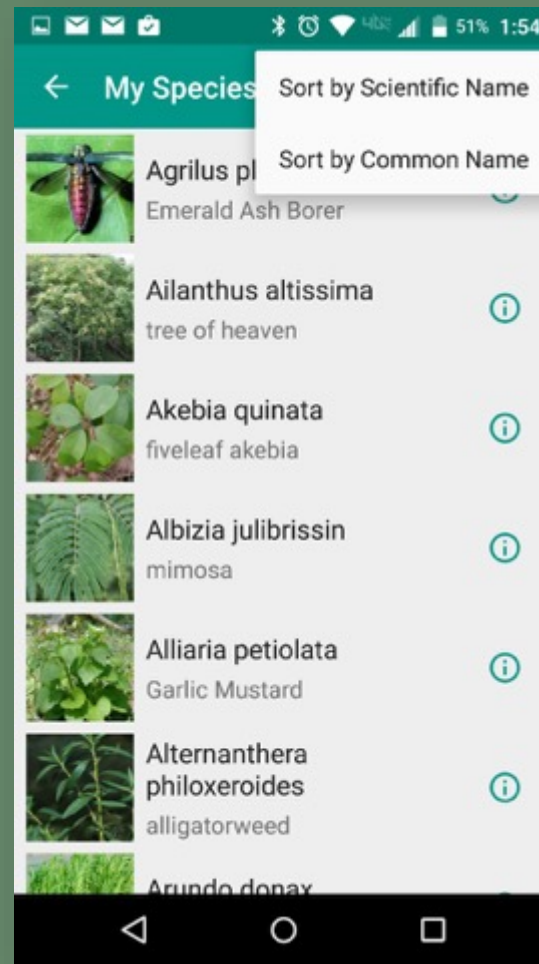


Search by: My Species List

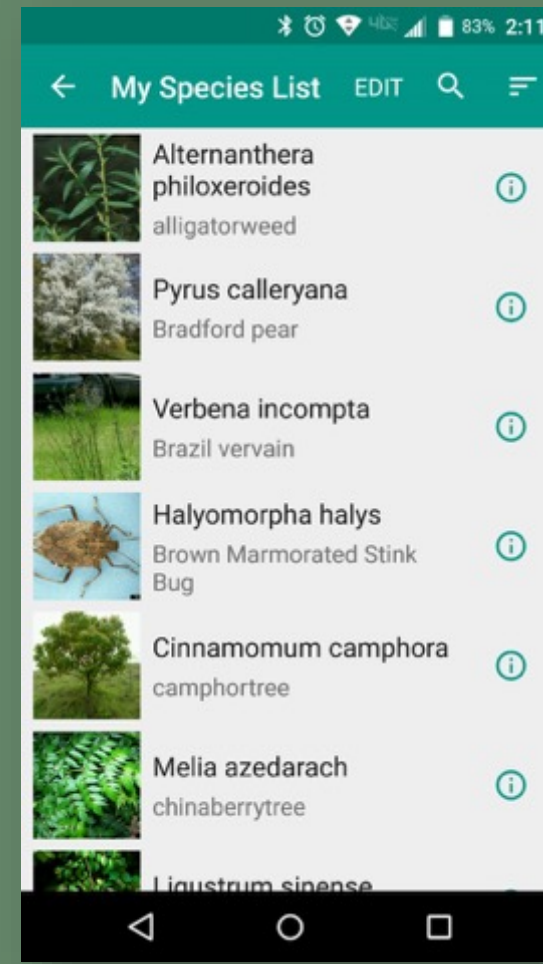
Scientific Name



or



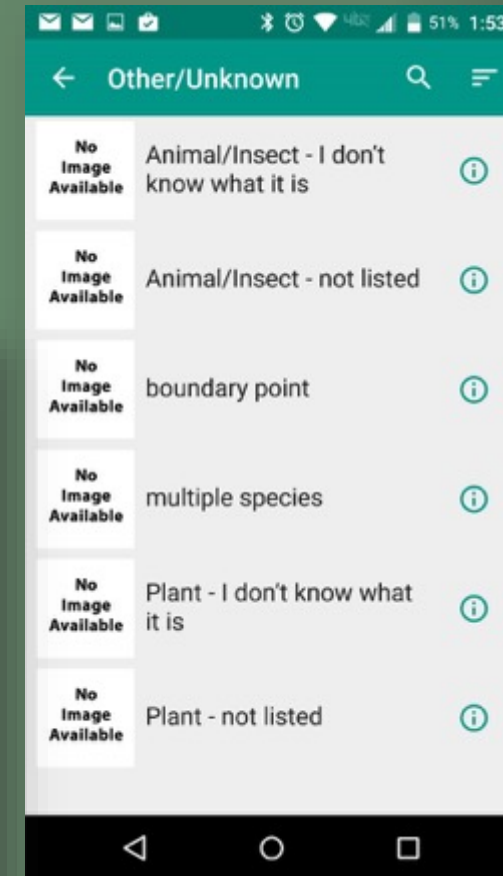
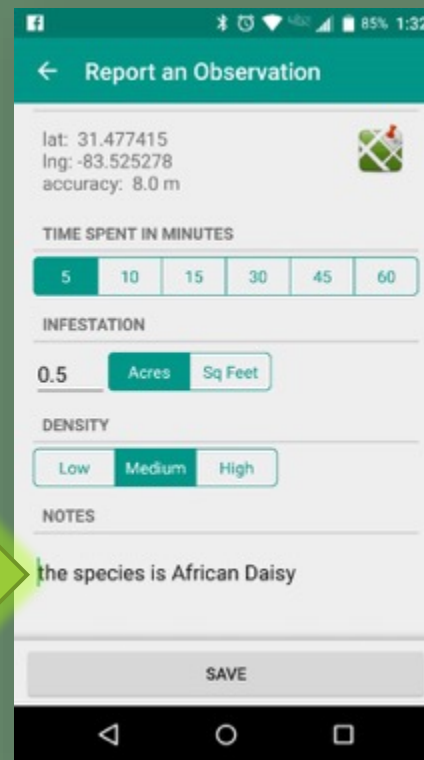
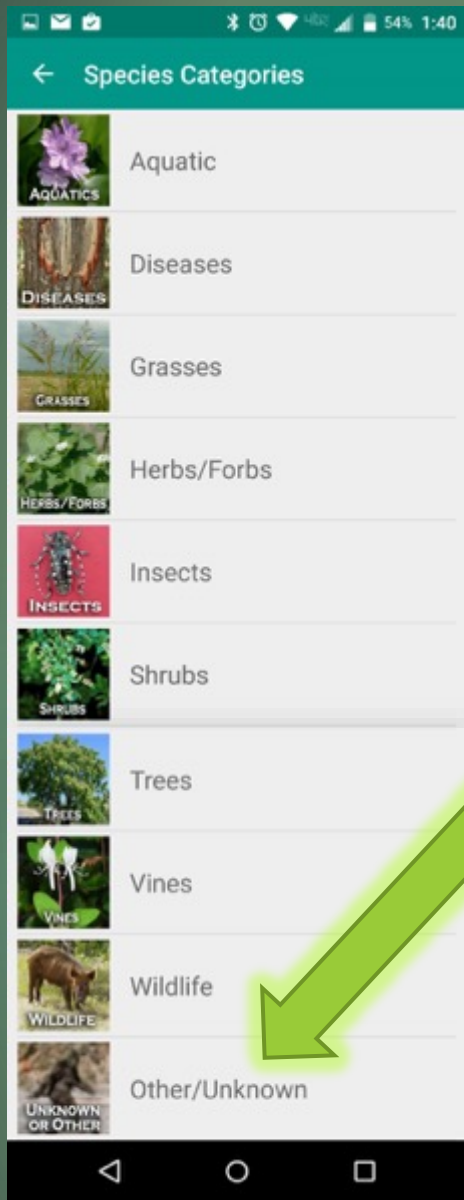
Common Name



Click on Other/Unknown

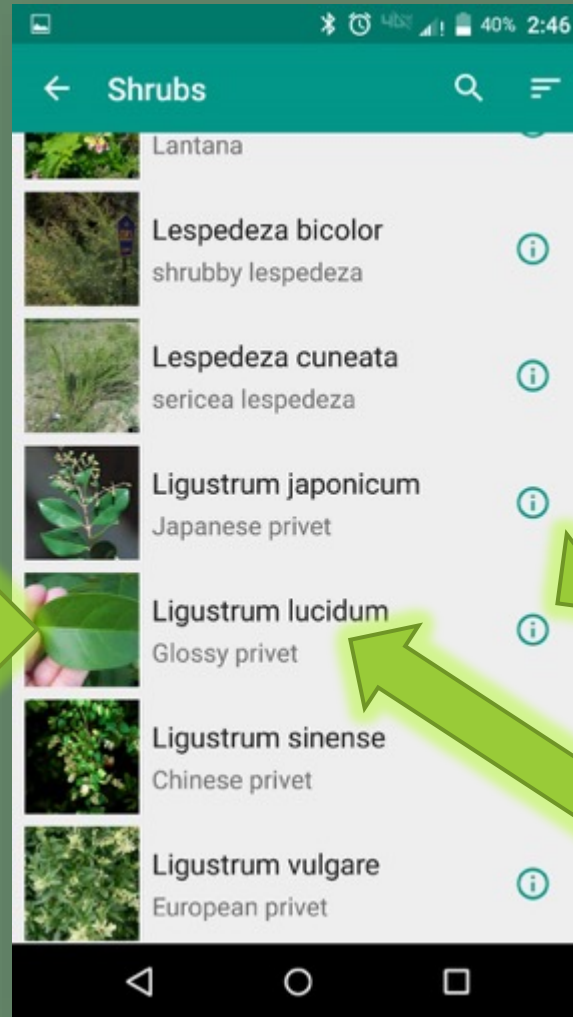
- ✓ To report an Animal/Insect you can't identify
- ✓ To report an Animal/Insect not on the list
- ✓ To report a Plant you can't identify
- ✓ To report a Plant not on the list

When reporting a species not on the list, add the name of the species in the NOTES section



Reporting Forms – Report an Infestation

✓ Click on image to go to images of the species



✓ Click on  to go to the Field Guide

✓ Click on species name to report



Smartphone App Reporting Form

Species name
Date & Time



Images added will show up here

Latitude & Longitude

Size of infestation

Density or ground cover of invasive

Add any notes needed here

Remember to click on Save when you finish

Report an Observation

Ligustrum lucidum
Glossy privet

2016-03-07 2:17 PM

SITE NAME

Choose a site

ATTACH IMAGES

No images

LOCATION

lat: 31.477413
lng: -83.525136
accuracy: 20.9 m

TIME SPENT IN MINUTES

5 10 15 30 45 60

INFESTATION

Acres Sq Feet

DENSITY

Low Medium High

NOTES

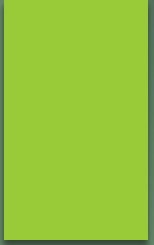
Any additional information

SAVE


Camera icon

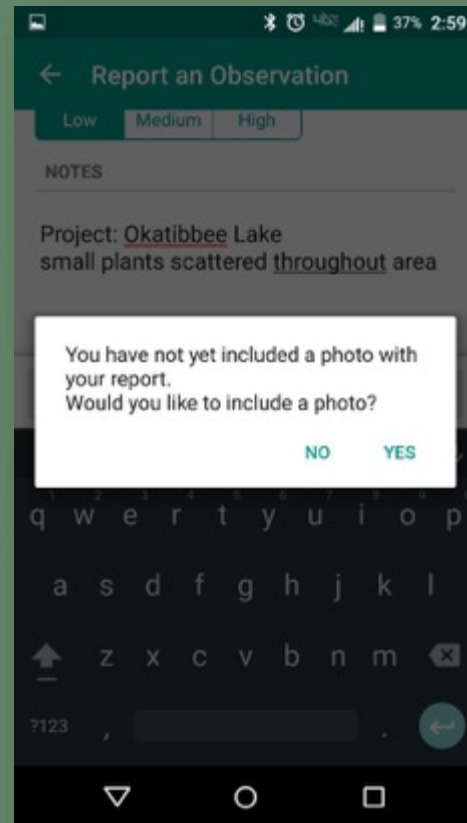
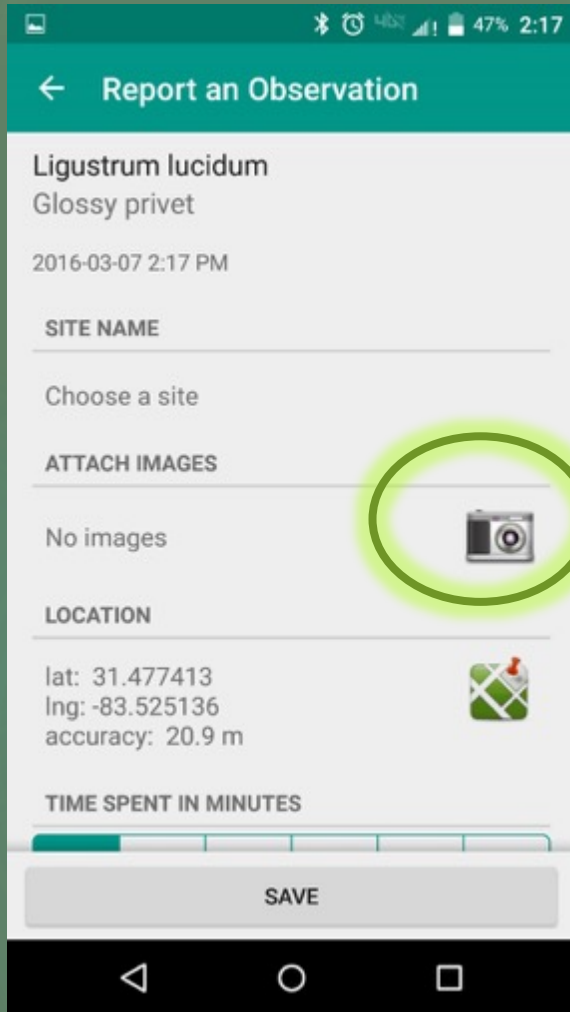
Mapping icon

Time spent
collecting data



Reporting Forms – Images

- ✓ Always include images with your reports
- ✓ Images help to identify and verify the species
- ✓ Click on  to take pictures



Reporting Forms – Mapping

Your GPS enabled smart device fills in the coordinates

or

Use the app's mapping function to more precisely map an infestation

Click on

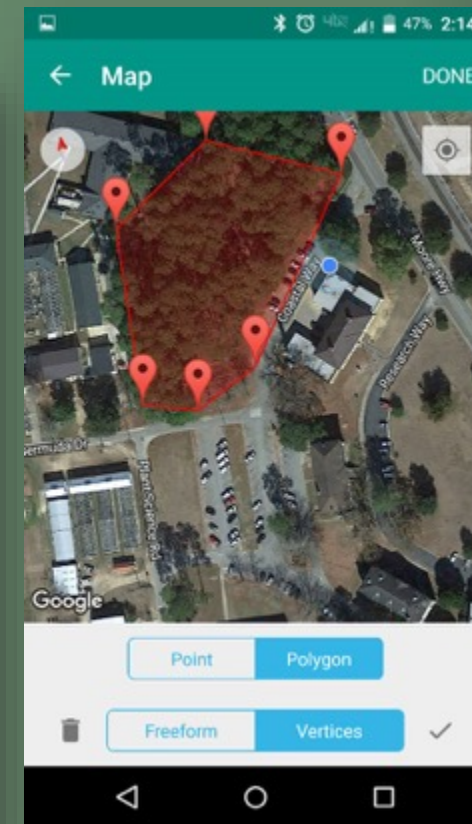
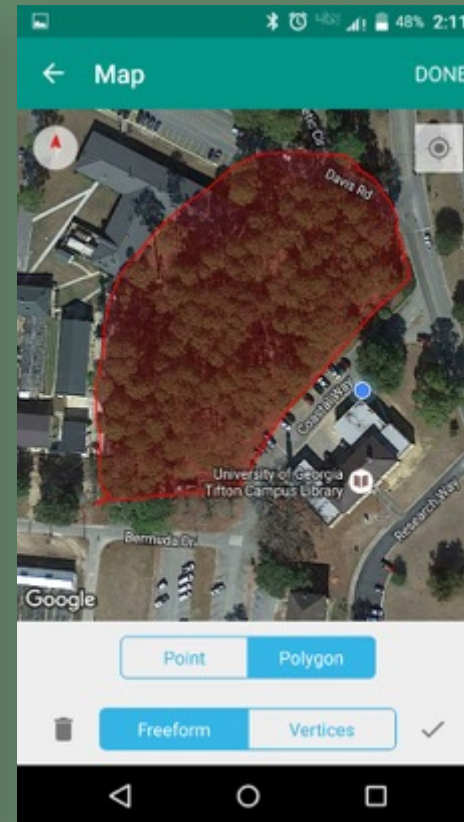
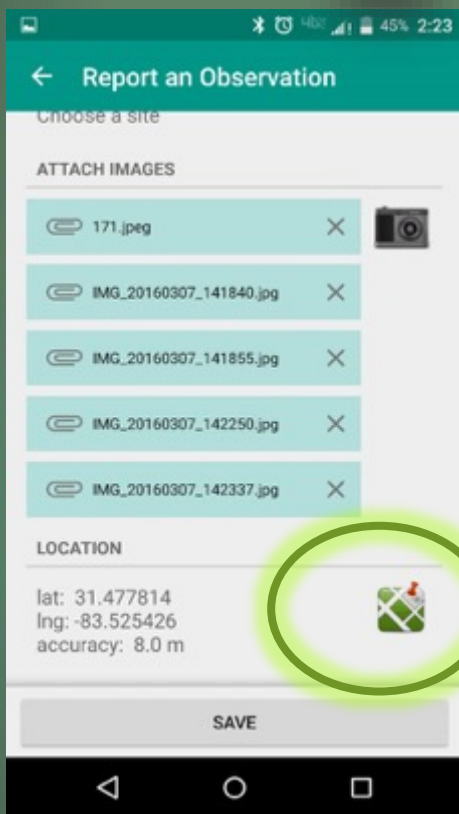


Vertices

Zoom in

Point

Freeform



Reporting Form - Document

Report an Observation

DENSITY

Low Medium High

NOTES

Project: Okatibbee Lake
small plants scattered throughout area

SAVE

Density or Ground cover

Include special information like project name

Time spent

Size of infestation

In NOTES add any other relevant information for this infestation

Clicking Save adds this report to your Upload Queue

Report an Observation

User-drawn polygon

TIME SPENT IN MINUTES

5 10 15 30 45 60

INFESTATION

2.5 Acres Sq Feet

DENSITY

Low Medium High

NOTES

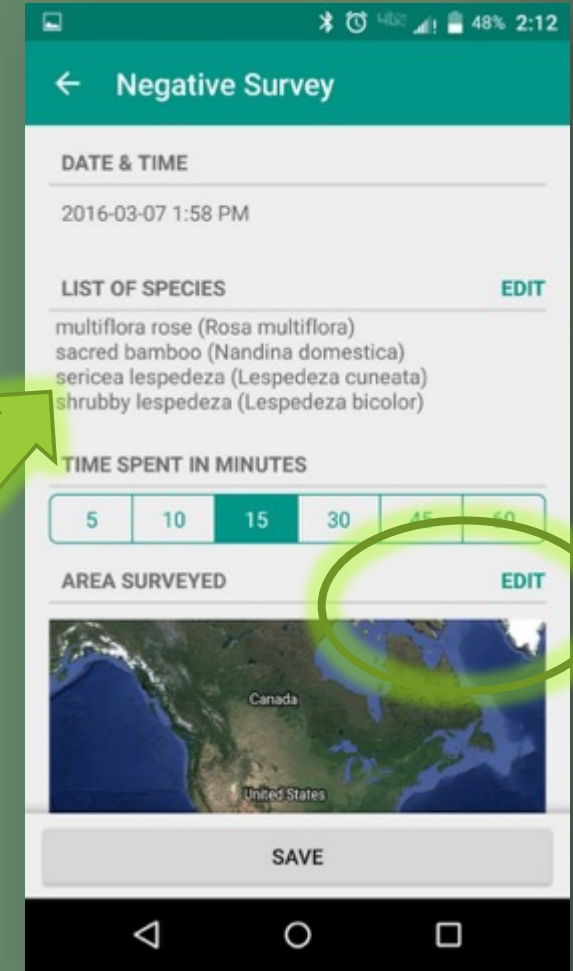
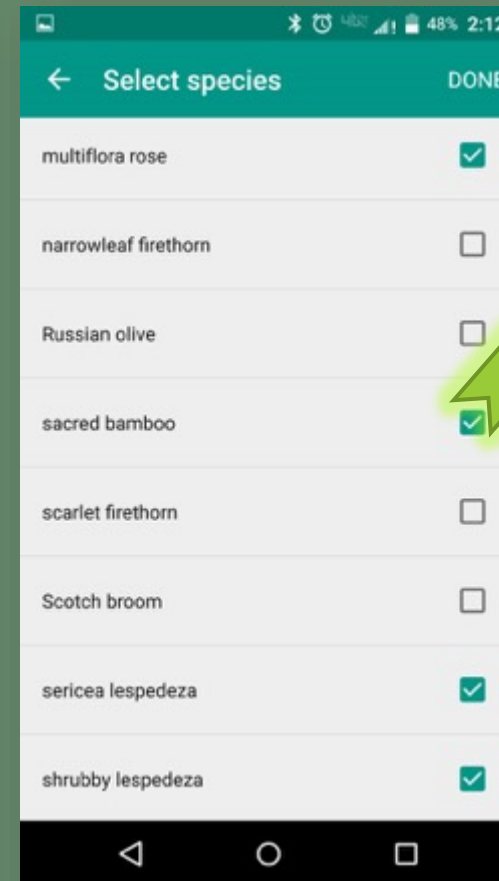
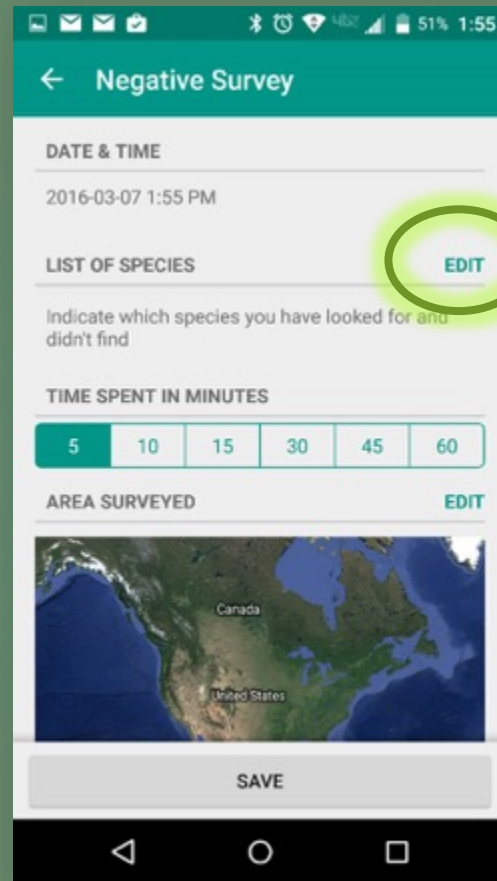
mature plants scattered around perimeter of site.

SAVE



Reporting Forms - Negative Surveys

- ✓ Click Negative Survey in main menu
- ✓ Click Edit to add all species surveyed
- ✓ Click Edit in Area Surveyed to map it



Reporting Forms - Negative Surveys - Mapping

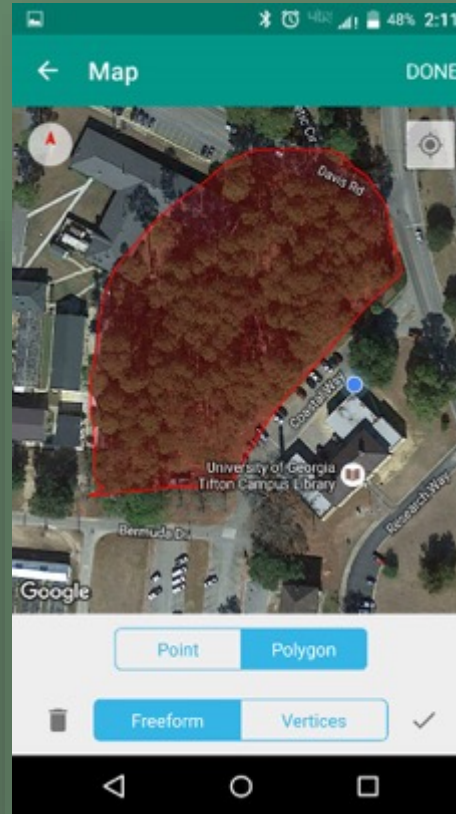
Zoom In



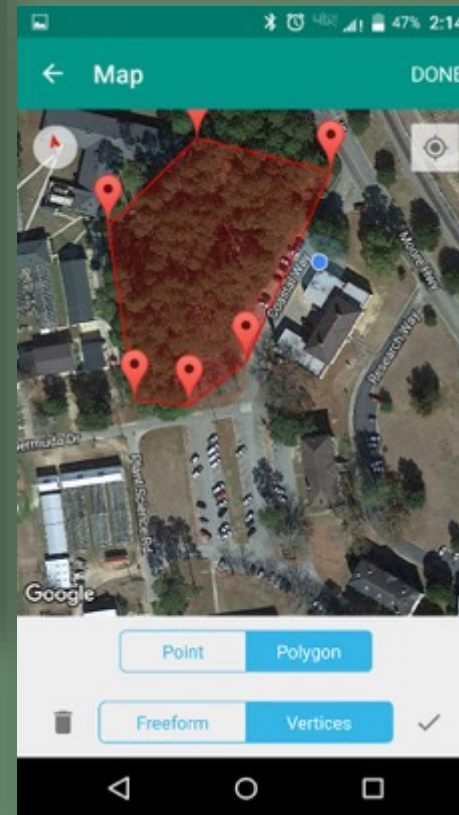
Point



Freeform



Vertices



DATE & TIME
2016-03-07 1:58 PM

LIST OF SPECIES EDIT
multiflora rose (*Rosa multiflora*)
sacred bamboo (*Nandina domestica*)
sericea lespedeza (*Lespedeza cuneata*)
shrubby lespedeza (*Lespedeza bicolor*)

TIME SPENT IN MINUTES
5 10 15 30 45 60

AREA SURVEYED EDIT

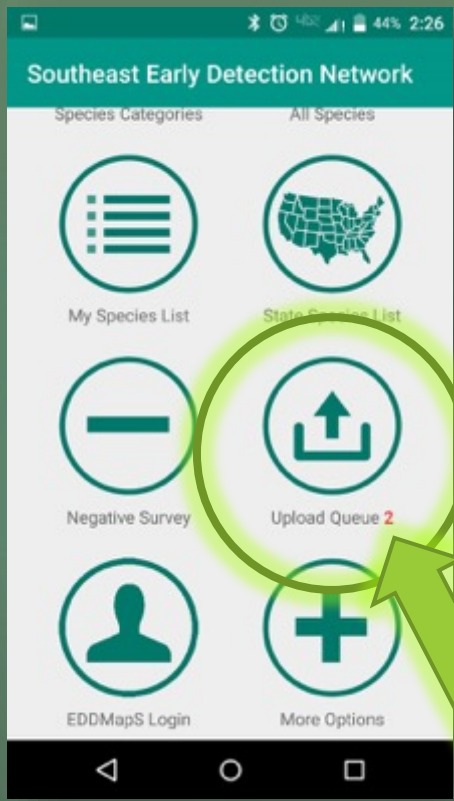
SAVE



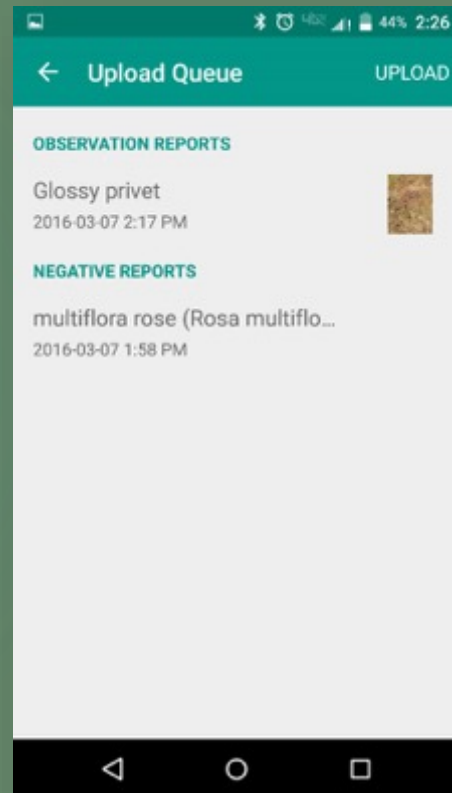
Upload Queue

- ✓ Save all reports to your device
- ✓ Upload after connecting to WiFi
- ✓ Saves your data and your device's battery

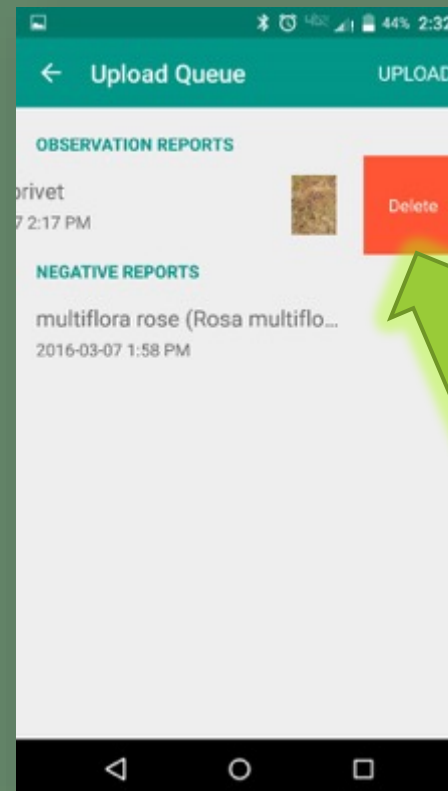
Shows # of reports in Queue



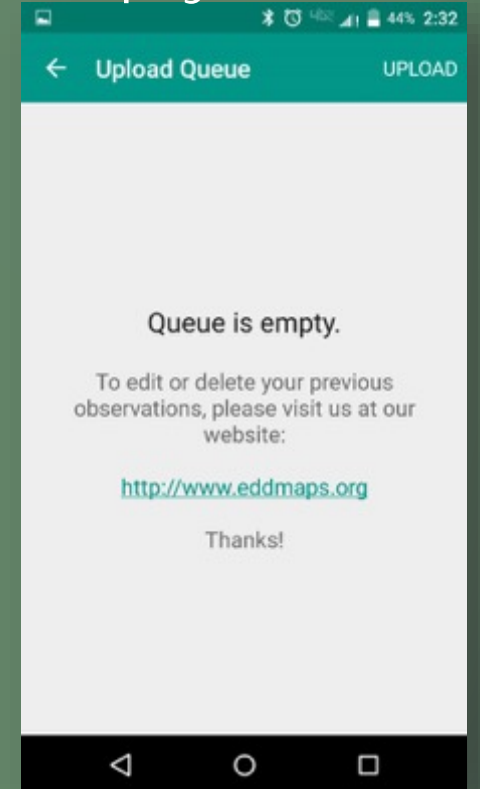
Reports in Queue



Swipe to edit or delete reports in Queue



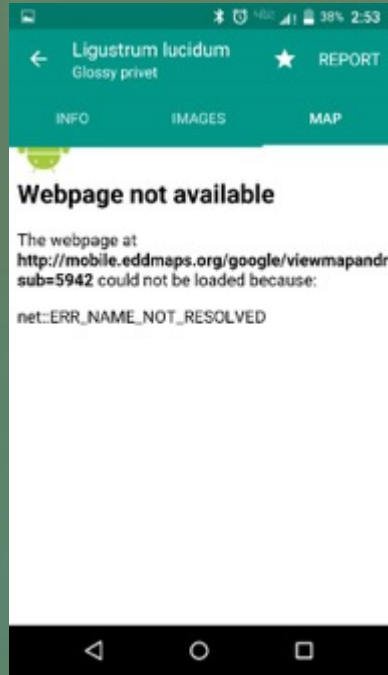
Empty Queue



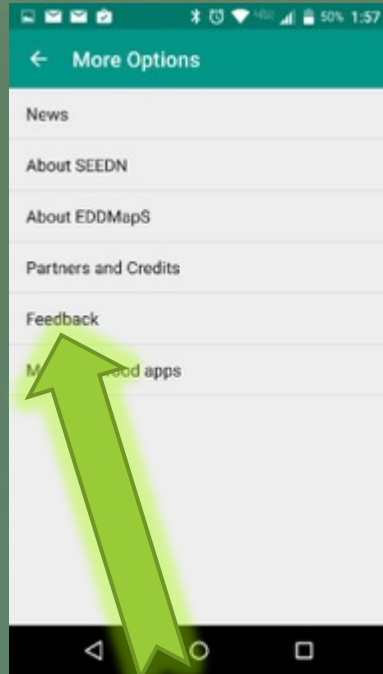
Wrapping It Up

Communicate

Your Data is Off

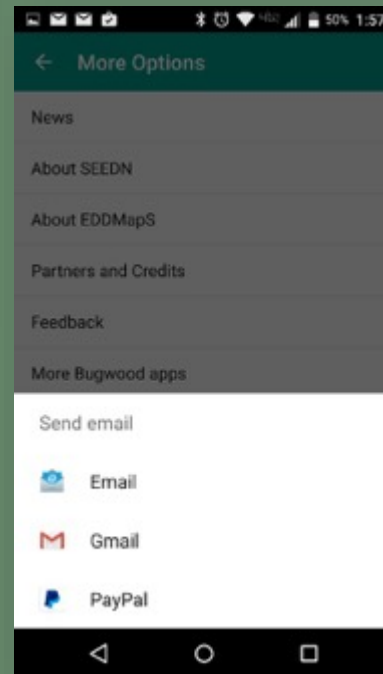


Go to settings on your phone to turn it on

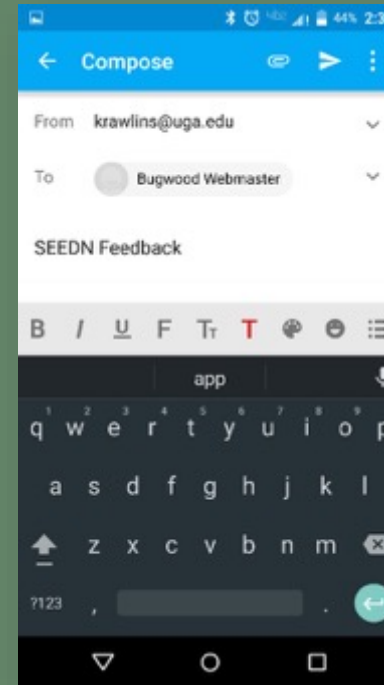


Click on Feedback

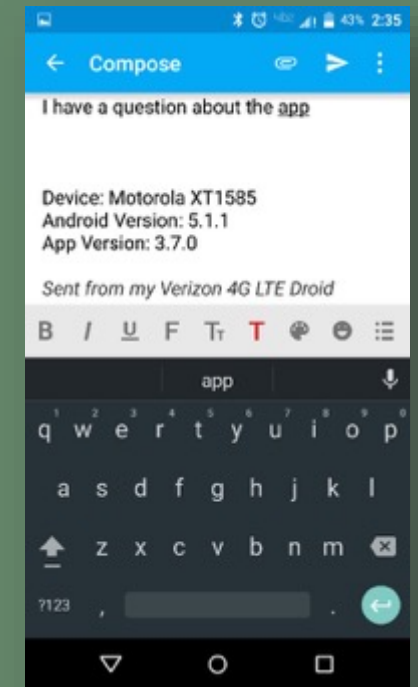
Email us with questions or problems



Right from your phone

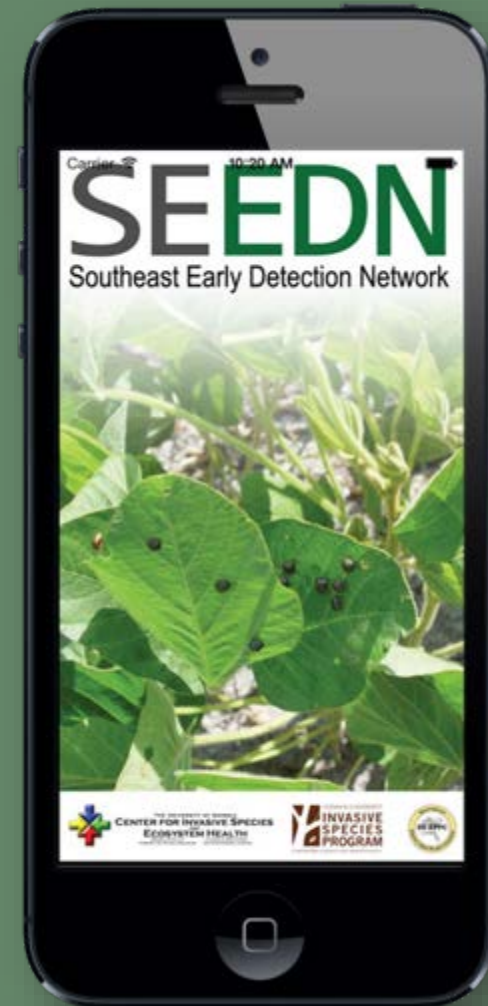


This sends information to our techs so they can better help you



Thank you for reporting invasive species

- ✓ Reports are automatically sent to the proper Verifiers
- ✓ Once verified, reports are available on the EDDMapS website
- ✓ This and other EDDMapS trainings are available through the Tools & Training link



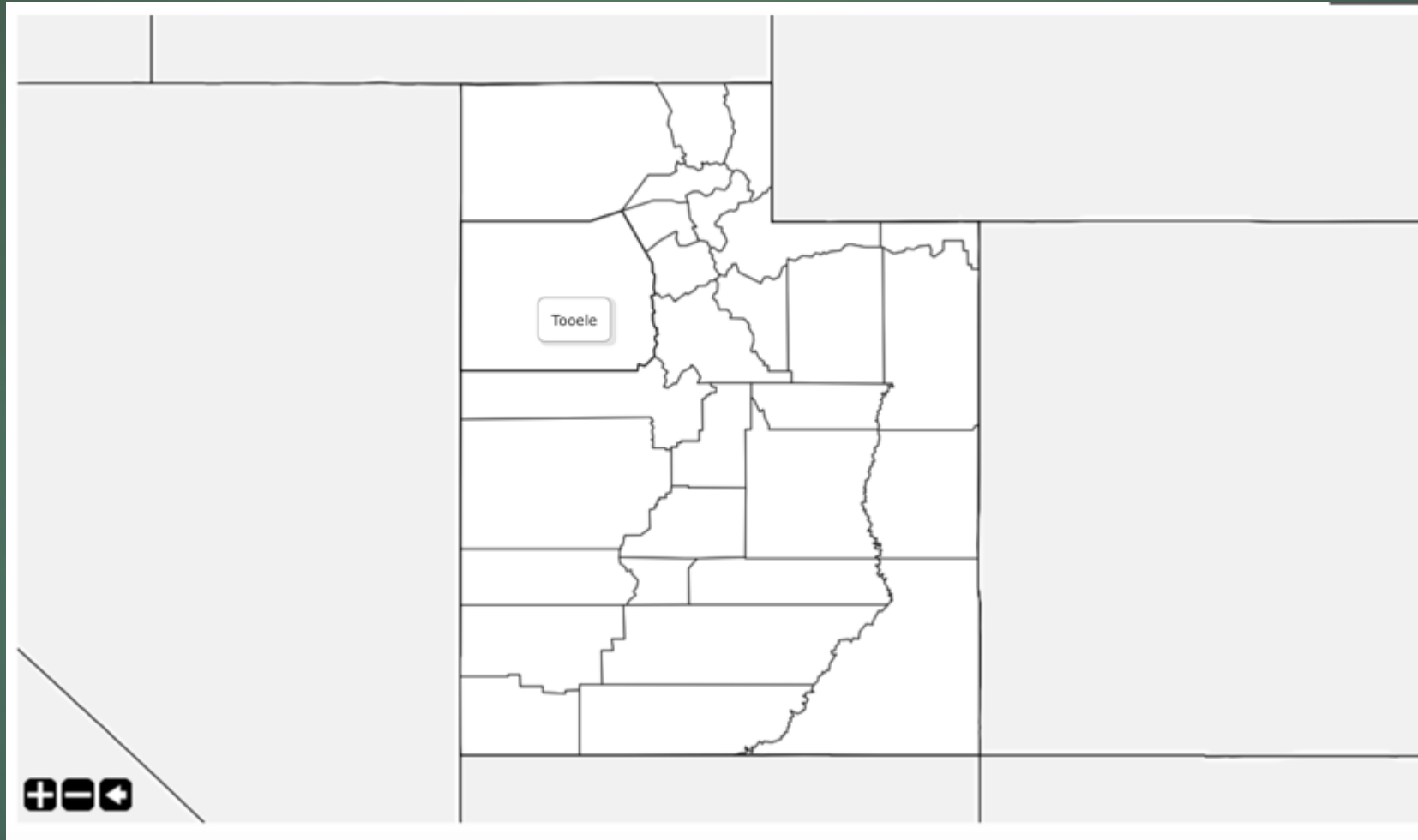
EDD **MapS** *Pro*



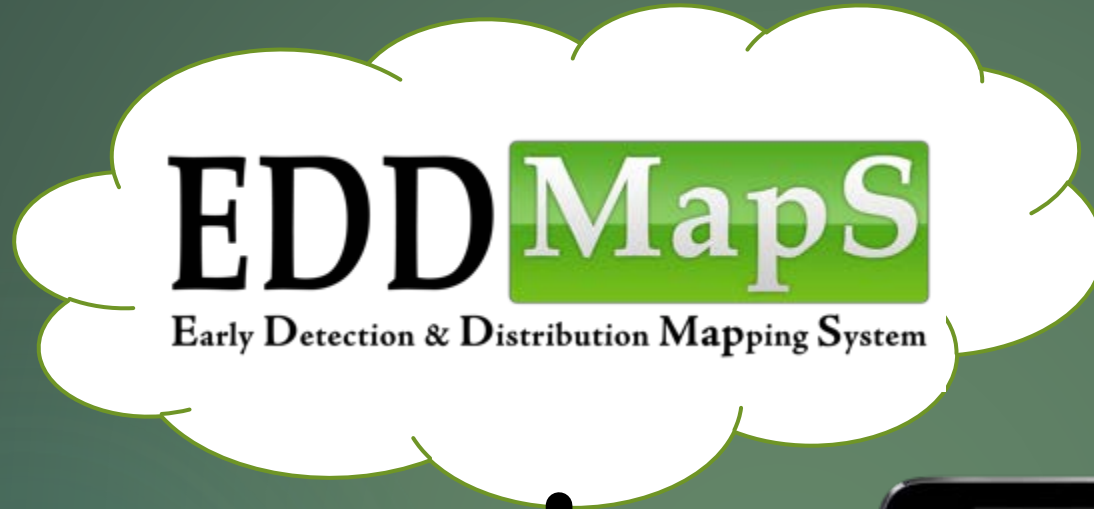
Select area on web - State



Select area on web - County



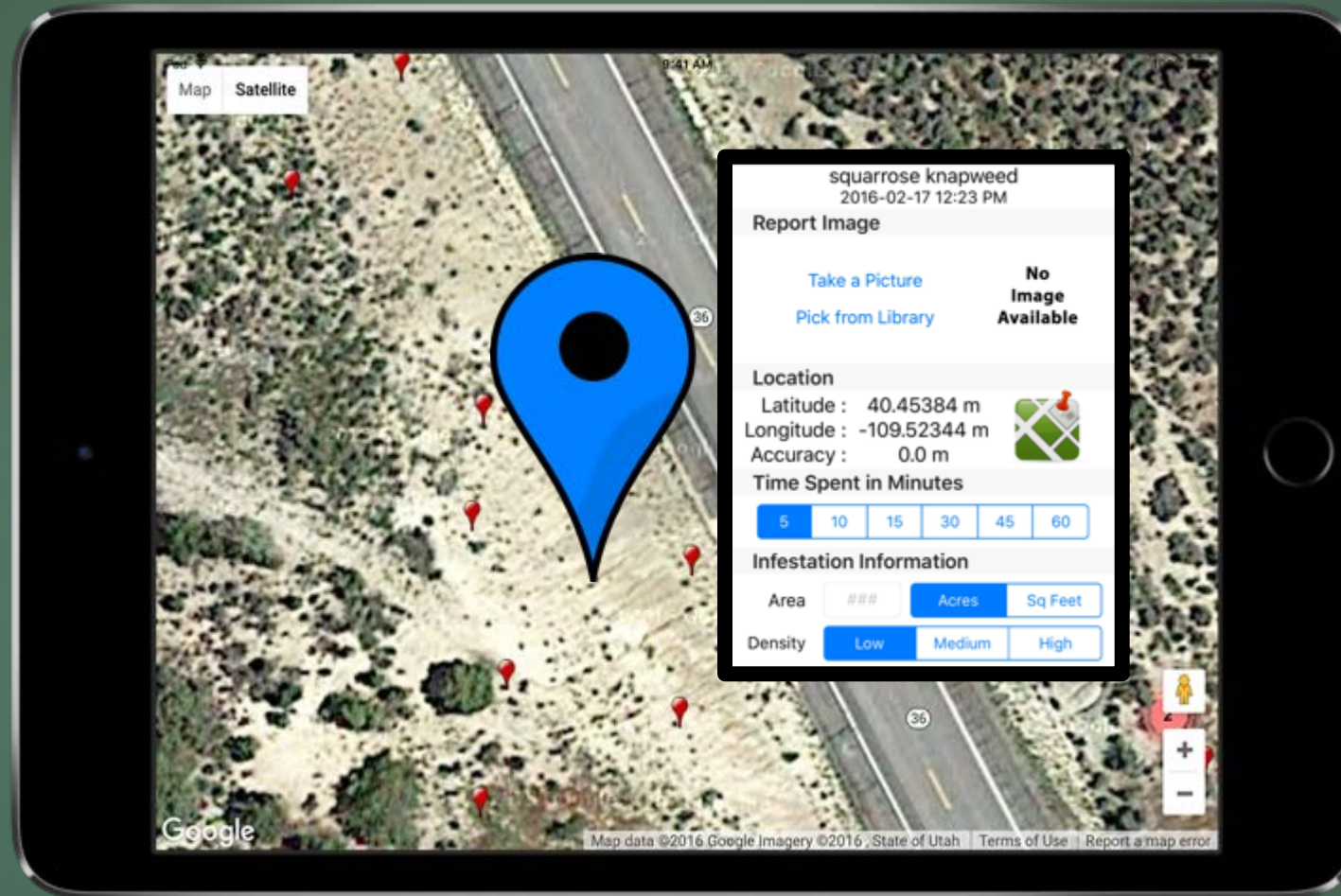
Download selected data



Directions to Point



Drop a new point



Do a revisit

Map Satellite

9:41 AM

Site Revisit Information

Use this form for site revisits including treatments, monitoring and evaluations.

Original Record New Record

Status: Positive Treated Not Found

Revisit Type
Select One

Revisit Date
2016-02-17

Abundance/Density
Select One

Canopy Closure (?)
Select One

Infested Area (?)
Select One

Reporter
Chuck Bergeron

Growth Stage
Flower Fruit Seedling Seeds Dormant/Dead Unknown

Upload Images with Your Revisit Report:
For verification purposes, take at least two digital images, a close up of the species and one of the site.

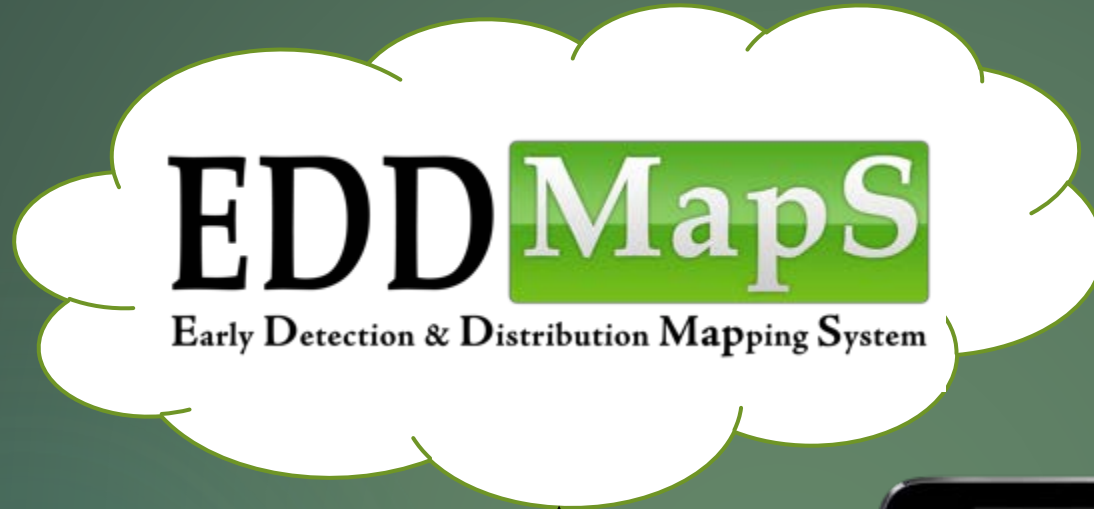
Image 1:
Choose file

1.02 - 4 MB

Google

Map data ©2016 Google Imagery ©2016 State of Utah Terms of Use Report a map error

Sync back to servers



Google Street View Interface





Goal is to have
complete by
June 2018