

EDD **MapS**
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Walk-Through on Using the EDDMapS
Website, Record Verification, and More

<https://www.eddmaps.org/>

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Top Bar Options

Home – Takes you back to main page

Report Sightings – Reporting forms for:

Plants, Insects, Diseases, Wildlife across the US and Canada with options for Positive, Negative, Treated infestations

Distribution Maps – Current known distribution of species based on data in EDDMapS database

Species Information – Overview of each species, Resource materials, Selected Images for identification, Maps, References and more

Tools & Training – Materials for understanding the EDDMapS database, Bulk Data Resources, Download data from EDDMapS, EDDMapS Statistics, and more.

My EDDMapS – Edit your Profile, Access your Records, Upload Bulk Data, set Alerts, access/manage your Projects, Review Records, and EDDMapS Pro Tools

About – EDDMapS history and more

About Us – Information about Center for Invasive Species and Ecosystem Health and the Staff

Contact Us – Contact information for the Center for Invasive Species and Ecosystem Health to ask questions or comment

User Icon –
Register for Account
Log In to existing Account

Report Sightings

What Are You Reporting?



Plants



Insects



Diseases



Wildlife



UNIVERSITY OF
GEORGIA
Center for Invasive Species
and Ecosystem Health

Report Sightings

What Are You Reporting?



Plants



Insects



Diseases



Wildlife

Where?

U.S. States
Alabama
Alaska
Arizona
Arkansas
California
Colorado
Connecticut
Delaware
Florida
Georgia
Hawaii
Idaho
Illinois
Indiana
Iowa
Kansas
Kentucky
Louisiana
Maine
Maryland
Massachusetts
Michigan
Minnesota

Montana
Nebraska
Nevada
New Hampshire
New Jersey
New Mexico
New York
North Carolina
North Dakota
Ohio
Oklahoma
Oregon
Pennsylvania
Rhode Island
South Carolina
South Dakota
Tennessee
Texas
Utah
Vermont
Virginia
Washington
West Virginia
Wisconsin

U.S. Territories
American Samoa
Guam
Northern Mariana Islands
Puerto Rico
U.S. Minor Outlying Islands
U.S. Virgin Islands
Washington D.C.

Canadian Provinces
Alberta
British Columbia
Manitoba
New Brunswick
Newfoundland and Labrador
Nova Scotia
Northwest Territories
Nunavut
Ontario
Prince Edward Island
Quebec
Saskatchewan
Yukon

Report Sightings

Select **Plants**, **Insects**, **Diseases**, or **Wildlife** to navigate to the invasive species you are reporting. For this training we selected *Plants*.

Select the **State**, **Territory**, or **Province** you are Reporting in.

Report an Invasive Plant Occurrence

Red fields are required.

Species

Pest (?):

Infestation

Status: Positive (?) Negative (?) Treated (?)

Observation Date (?):

Infested Area (?):

Gross Area (?):

Canopy Closure (?):

Habitat (?):

Abundance:

Plant Description:

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

Damage (?):

Yes No

If you select "Yes", please upload a photo of a leaf with damage below. If possible, please place a blue or white background behind the leaf. Include the word "damage" in the caption.

Location

In addition to State and County, please provide details by placing a marker or listing the physical address on where the sighting occurred.

State:

County:

Latitude (?):

Longitude (?):

Must be expressed in Decimal Degrees (00.0000), and DATUM NAD83/WGS84.

Must be expressed in Decimal Degrees (00.0000), 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



Images

Image 1:

(.jpg, .jpeg)

Caption:

Photo by:

Image 3:

(.jpg, .jpeg)

Caption:

Photo by:

Image 5:

(.jpg, .jpeg)

Caption:

Photo by:

Image 2:

(.jpg, .jpeg)

Caption:

Photo by:

Image 4:

(.jpg, .jpeg)

Caption:

Photo by:

Additional Information

Comments:

Identified by:

Voucher Specimen Made (?): Yes No

Location of Specimen:

[Submit Report](#)

Fill In the Report Form and Submit

The data fields are divided into four sections on the form; some field names have additional information associated with them that can be viewed by hovering your mouse cursor over the (?). The four sections on the form are:

1. Species occurrence
2. Occurrence Location
3. Images supporting the observation
4. Additional Information

The forms will differ in the Infestation section fields based on the category of species (Plants, Insects, Diseases, or Wildlife) you selected at the beginning.

Required Fields (in red):

- *Species name*, an auto-suggest will start recommending names as you type
- *Status*: Was the species found (positive), not found (Negative) or removed/treated (Treated) at time of occurrence.
- *Add Observation Date*, it will default to the current date, but is editable
- *Location* can be added as a State and County, Point, Line, or Polygon. Click one of the drawing options the map to drop a point, or draw a line or polygon.

Report an Invasive Plant Occurrence

Red fields are required.

Species

Pest (?):

Infestation

Status: Positive (?) Negative (?) Treated (?)

Observation Date (?):

Infested Area (?):

Gross Area (?):

Canopy Closure (?):

Habitat (?):

Abundance:

Plant Description:

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

Damage (?):

Yes No
 If you select "Yes", please upload a photo of a leaf with damage below. If possible, please place a blue or white background behind the leaf. Include the word "damage" in the caption.

Location

In addition to State and County, please provide details by placing a marker or listing the physical address on where the sighting occurred.

State:

County:

Latitude (?):

Longitude (?):

Must be expressed in Decimal Degrees (00.0000), and DATUM NAD83/WGS84.

Must be expressed in Decimal Degrees (000.0000), 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



Images

Image 1:

(.jpg, .jpeg)

Caption:

Photo by:

Image 3:

(.jpg, .jpeg)

Caption:

Photo by:

Image 5:

(.jpg, .jpeg)

Caption:

Photo by:

Image 2:

(.jpg, .jpeg)

Caption:

Photo by:

Image 4:

(.jpg, .jpeg)

Caption:

Photo by:

Additional Information

Comments:

Identified by:

Voucher Specimen Made (?): Yes No

Location of Specimen:

[Submit Report](#)

Fill In the Report Form and Submit

Additional Information:

- Add abundance, habitat, infested area, phenology, life stage, density, and other species occurrence information as known
- Add up to five images to help verifiers to review your record submission for accuracy
- Comments provide additional relevant information on the subject, habitat, etc.
- Click **Submit Report** to upload your record to the EDDMapS verifier network for review and, if determined accurate, it will be included on maps, data downloads, etc.

Distribution Maps

Click on each species to view distribution maps.

Search by EDDMapS Record ID

Search



Plants



Insects



Diseases



Wildlife

Search:

Subject Name	Scientific Name	Records	View
Canada thistle	<i>Cirsium arvense</i>	191,223	State County Point List
Japanese honeysuckle	<i>Lonicera japonica</i>	111,317	State County Point List
leafy spurge	<i>Euphorbia esula</i>	101,096	State County Point List
spotted knapweed	<i>Centaurea stoebe ssp. micranthos</i>	97,710	State County Point List
cogongrass	<i>Imperata cylindrica</i>	76,431	State County Point List
musk thistle	<i>Carduus nutans</i>	75,377	State County Point List
squarrose knapweed	<i>Centaurea virgata</i>	62,600	State County Point List
bull thistle	<i>Cirsium vulgare</i>	58,585	State County Point List
Dalmatian toadflax	<i>Linaria dalmatica</i>	56,740	State County Point List
garlic mustard	<i>Alliaria petiolata</i>	51,642	State County Point List

Showing 1 to 11 of 3,107 entries

Distribution Maps

Select an invasive species to find distribution maps that represent where it has been recorded and occurs within the United States. Distribution maps are available as: **State**, **County**, and **Point**. Within the **County** selection, there are also **County Density**, **Literature vs. Observed**, and for select plants: **Future Range** and **Future Certainty**.

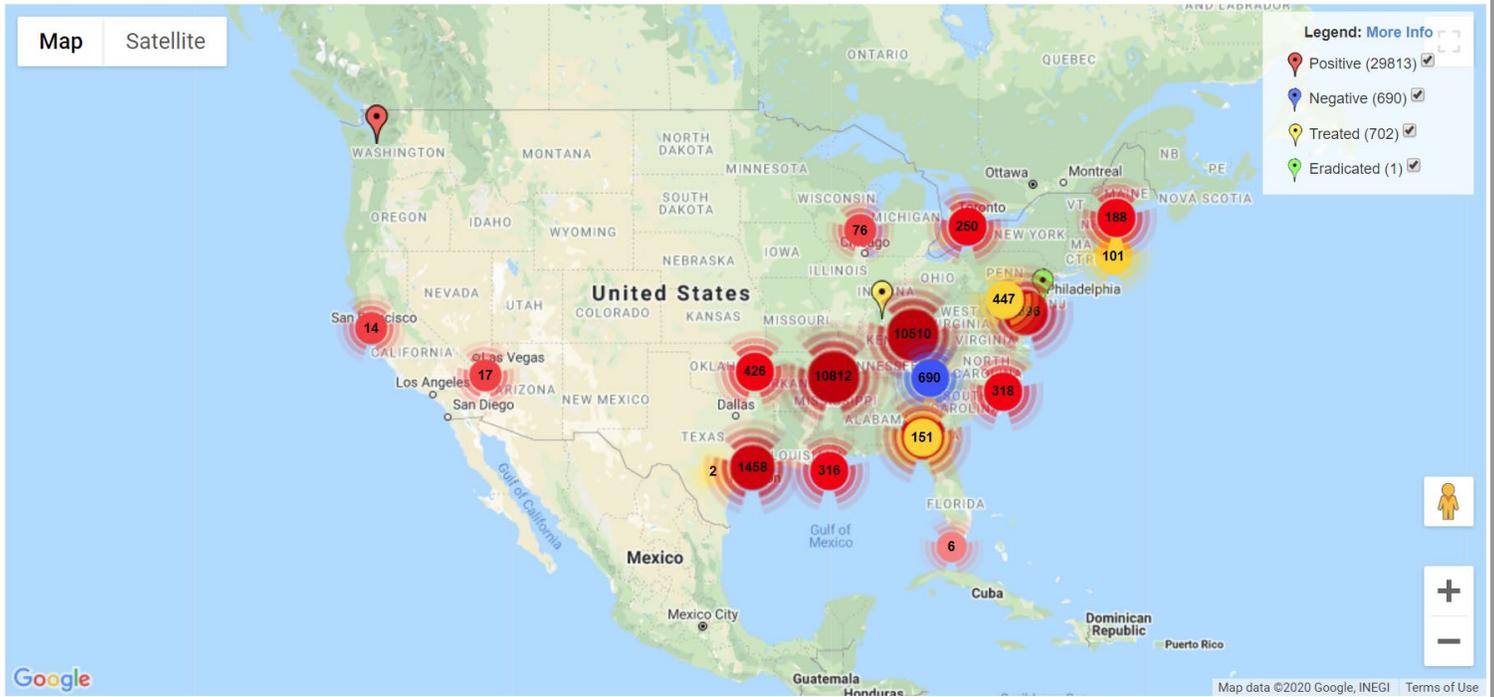
Japanese honeysuckle *Lonicera japonica* Thunb.

This species is Introduced in the United States

States Counties **Points** List Species Info

CSV KML Shapefile

Zoom to My Location Share Flag FullScreen



Point Maps

A distribution map that provides **Point** locations for each record.

The legend color codes each record:

Red – Subject was present at time of report.

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

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

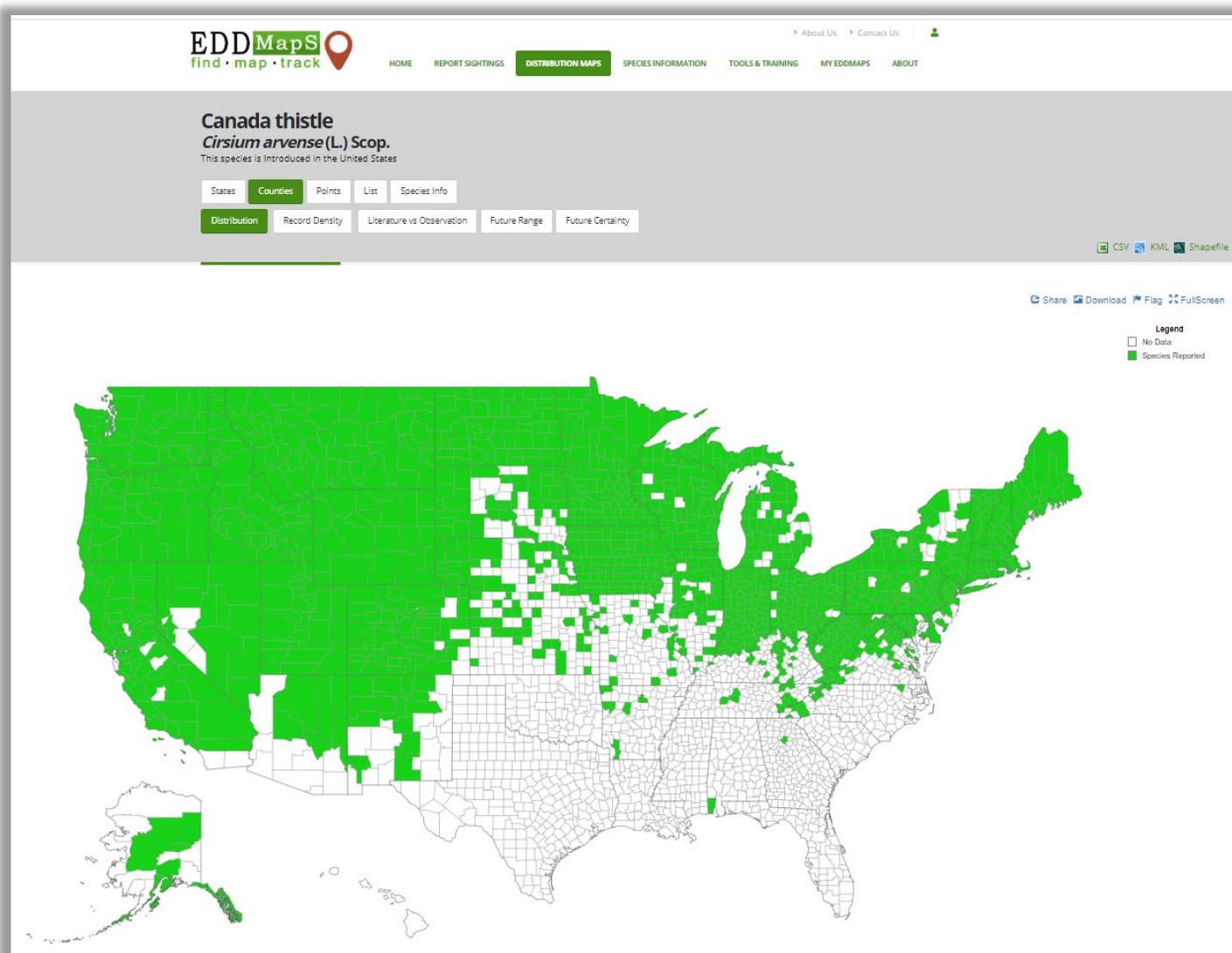
Blue – Subject was not present at time of report.

Records can be downloaded as CSV, KML, or Shapefile. However, it is recommended that users go to the Advanced Query Tools to filter to a more specific data set for their needs.

County Map

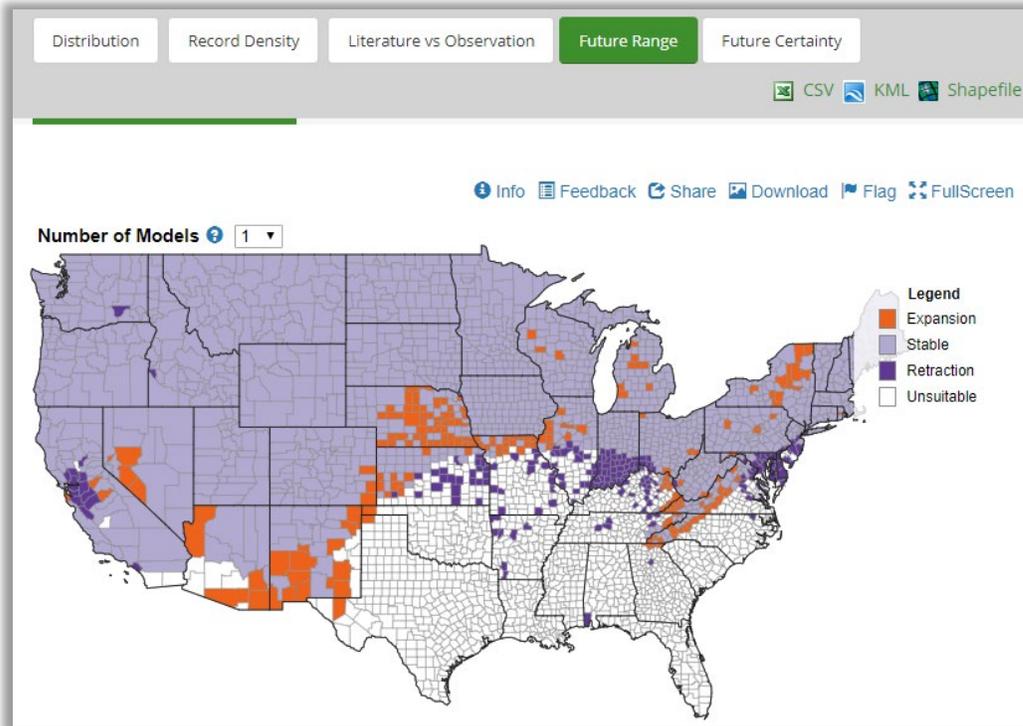
The county distribution maps are one of the most viewed maps for noting presence across the US for a species. This map includes all positive and treated reports of a species and, unlike point maps, has data represented where the location is only available at the county level.

This map also includes options for csv, kml, and shapefile to download all of the data for that species. However, it is recommended that users go to the Advanced Query Tools to filter to a more specific data set for their needs.



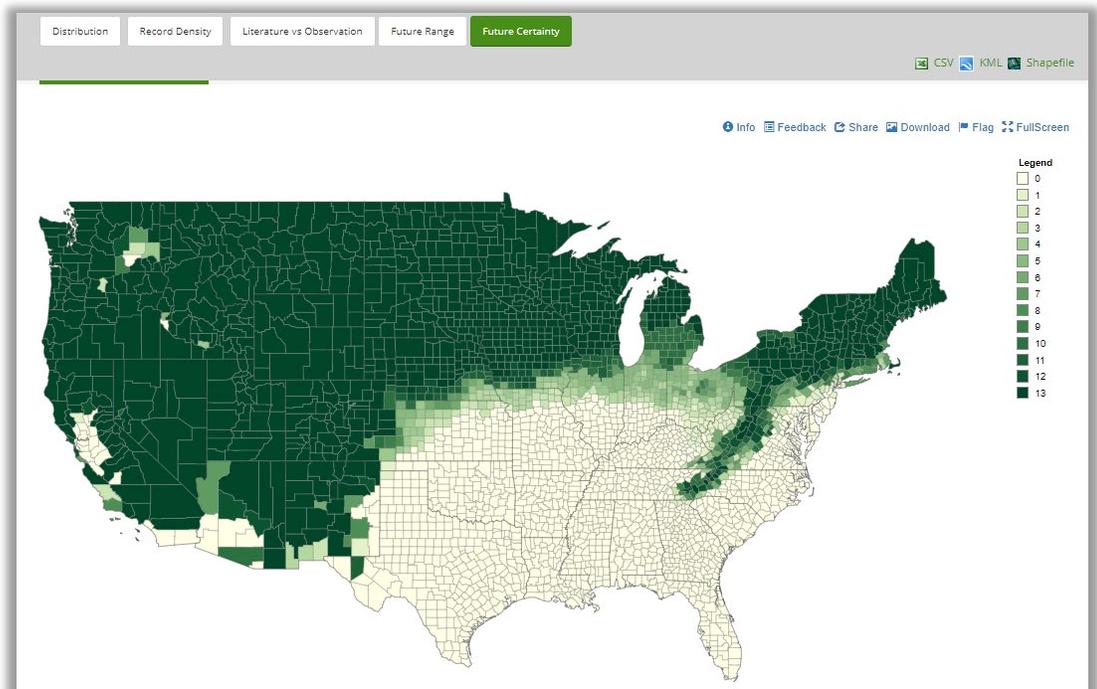
Future Range/Future Certainty Maps

Future Range and Certainty maps exist for almost 900 plant species. These compare known data by county with a number of models for where these species will be in 2040-2060.



Change Number of Models to show predictions for:
Expansion – not currently present, but predicted to be
Stable – currently present and will be
Retraction – currently present, but will not be
Unsuitable – not currently present and not predicted to be

Certainty map shows how many models predict future distribution of species of interest. Darker green, more models agree and lighter green fewer models agree.



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HOME REPORT SIGHTINGS DISTRIBUTION MAPS **SPECIES INFORMATION** TOOLS & TRAINING MY EDDMAPS ABOUT

> About Us > Contact Us

Canada thistle

Cirsium arvense (L.) Scop.
This species is Introduced in the United States

States Counties Points List **Species Info**

Overview

Appearance
Cirsium arvense, a rhizomatous perennial grows from 1-5 ft. (0.3-1.5 m) tall. Roots can grow deep into the ground. Stems do not have conspicuous spines.

Foliage
Leaves are dark green and lanceolate to oblong-lanceolate. They are glabrous above, but their undersides have short, white hairs. They may be pinnatifid and very prickly. Basal leaves are 5-8 in. (12-20 cm) long. Leaves are usually sessile to slightly clasping. Leaf characteristics are variable across different varieties and subspecies.

Flowers
It has male and female plants. Female flowers are flask-shaped, 0.4-0.6 in. (1-1.5 cm) in diameter, and 0.4-0.75 in. (1-2 cm) tall. Female flowers are fragrant, the male flowers are not. Male flowers are smaller and more globose than the female flowers. Flowers range from purple to pink or white. It blooms from June to August.

Fruit
Fruits are tiny, 0.1 in. (2-3 mm) long, about 0.04 in. (1 mm) in diameter, with a white to light brown pappus.

Ecological Threat
Cirsium arvense is most commonly found in agricultural and disturbed sites, or sites that are undergoing restoration. It is shade intolerant and therefore is rarely found within wooded sites, except in clearings. It is found in some dry, sandy sites, but more commonly on the edges of wet habitats such as stream banks and lake shores. In the western and northern U.S. it presents a significant problem in prairie and riparian habitats.

Top
Resources
Selected Images
Maps
Invasive List Sources
Taxonomy
Other System Links
References

Species Information

Each invasive species page provide:

- **Overview** – background information and identification descriptions
- **Resources** – additional materials for information
- **Selected Images** – pre-selected images to help with identification
- **Maps** – selected distribution maps
- **Invasive Listing Sources** – links to sources where said species is listed as invasive
- **Taxonomic Rank** – the biological classification of the invasive species
- **References** – citations for materials listed

Tools and Training Materials



Database Tools

Statistics

Recently Added Records

View Invasive Species by Congressional District

Invasive Species Status Report By State

Advanced Query Tools

Report Verifier Lookup

Testing Lab Lookup

Invasive Range Expanders Listing Tool

Mapping Tools

Find a Location

Latitude/Longitude Converter

Geocode a Physical Address

Bulk Data Resources

Resources for Uploading Data to EDDMapS

Bulk Data Upload Procedure - Adobe Acrobat

Bulk Data Entry Template - Microsoft Excel

Data Dictionary

Resources for downloading data from EDDMapS

Dictionary for Downloaded Data - Adobe Acrobat



Training Materials

EDDMapS Training Materials

- What is EDDMapS/Entering Data Online - PPT | PDF
- Set up Alerts/ Edit Your Profile - PPT | PDF
- Add Revisits and Edit Your Data - PPT | PDF
- Uploading Bulk Data - PPT | PDF
- Entering Negative Data - PPT | PDF
- Advanced Query Tools Webinar

Additional Training Materials

Reporting Negative Data in the Apps

- Survey an area and didn't find certain species? Report that!

Invasive Species Mapping Handbook

General Features of EDDMapS Reporting Apps

How to Report a Species Not Listed in the App!

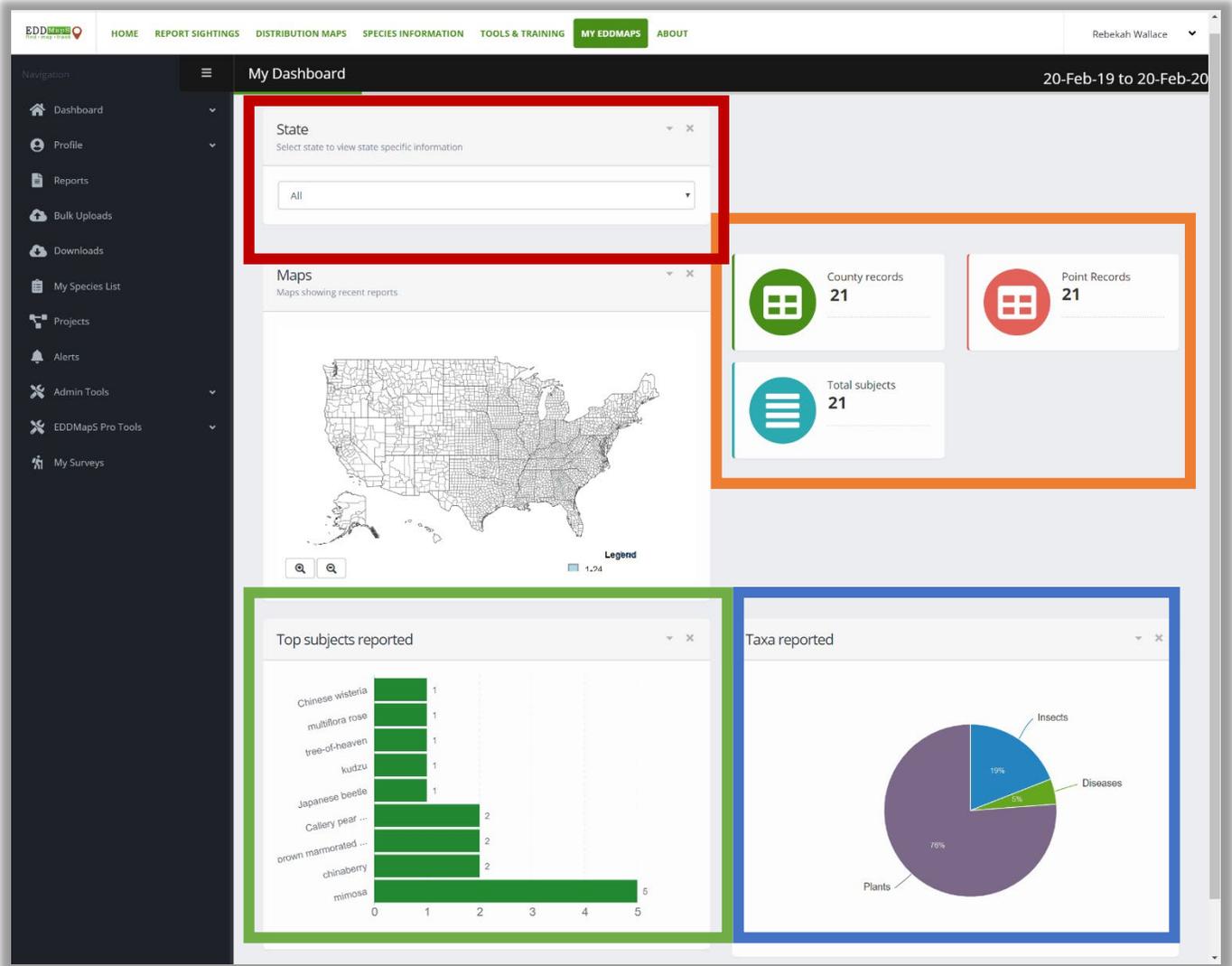
How to Verify a Record

Herbarium Collecting Guidelines

Herbarium Mounting Guidelines

Tools & Training

Find information on EDDMapS training, Bulk Data Resources, Database and Mapping Tools, and more. Advanced Query Tools are where you would query the data in EDDMapS for downloading.



Dashboard – My Dashboard

The My Dashboard allows users to see your specific EDDMapS records and statistics. Find, your **Top Subjects Reported**, a **Map** of your record locations, a pie chart of **Taxa Reported**, and your number of **Records** and **Subjects**.

You can sort your records by **State**.



Dashboard – EDDMapS Dashboard

The EDDMapS Dashboard is similar to My Dashboard however it allows users to see all EDDMapS records and statistics.

View a Map of recent reports; bar charts showing: top reporters, most reported subjects, source of data by project, and overall source (i.e., web report, iOS, Android, etc.). View a pie chart of all reports based on source type as well as statistics such as average records per day.

Records can be sorted by State.

Dashboard – Report – Manage reports

Navigation

- Dashboard
- Profile
- Reports
- Bulk Uploads
- Downloads
- My Species List
- Projects
- Alerts
- Admin Tools
- EDDMapS Pro Tools
- My Surveys
- My Labs

HOME REPORT SIGHTINGS DISTRIBUTION MAPS SPECIES INFORMATION TOOLS & TRAINING **MY EDDMAPS** ABOUT

Rebekah Wallace

Manage Reports

Search...

Record ID	Common Name	Scientific Name	Location	Date	Review Status	Manage
8315630	test record		Tift County, Georgia, United States	02/12/2020	Unreviewed	View Edit Revisit Delete
8315111	Japanese holly	Ilex crenata	Dougherty County, Georgia, United States	02/08/2020	Unreviewed	View Edit Revisit Delete
8315110	Japanese honeysuckle	Lonicera japonica	Dougherty County, Georgia, United States	02/08/2020	Unreviewed	View Edit Revisit Delete
8315109	sacred bamboo	Nandina domestica	Dougherty County, Georgia, United States	02/08/2020	Unreviewed	View Edit Revisit Delete
8303973	princesstree	Paulownia tomentosa	Tift County, Georgia, United States	10/11/2019	Reviewed & Public	View Edit Revisit Delete
8286407	Cupid's-shaving-brush	Emilia fosbergii	Orange County, Florida, United States	02/02/2019	Reviewed & Public	View Edit Revisit Delete
8285822	Himalayan blackberry	Rubus armeniacus	Jackson County, Oregon, United States	06/21/2019	Unreviewed	View Edit Revisit Delete
8285821	brown marmorated stink bug	Halyomorpha halys	Deschutes County, Oregon, United States	10/25/2019	Reviewed & Public	View Edit Revisit Delete
8266473	sweet autumn virginbower	Clematis terniflora	Tift County, Georgia, United States	08/17/2019	Reviewed & Public	View Edit Revisit Delete
8168706	mimosa	Albizia julibrissin	Jackson County, Oregon, United States	06/21/2019	Unreviewed	View Edit Revisit Delete

Manage your records and reports within the **Reports** sections of your My EDDMapS.

You can sort records by Record ID, Common Name, Scientific Name, Location, Date, or Review Status by selecting the \updownarrow symbols. Search for reports within the Search bar.

From this page, you can Manage your reports by selecting **View**, **Edit**, **Revisit** or **Delete**.

Bulk Uploads

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User Uploads

Uploads

- Upload Data
- View Uploads

Helpful Resources

- Bulk Data Upload Procedure - Adobe Acrobat
- Bulk Data Entry Templates and Data Dictionaries - Microsoft Excel
- Data Dictionary - Adobe Acrobat

Helpful Resources provide additional information on **Bulk Data Entry Instructions** and **Upload Procedures**. Click **Upload Data** to submit files. Click **View Uploads** to see status of previous upload batches.

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Bulk Data Uploader

Batch Name (something you will recognize)

Reporter Name (who should these reports go under)

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

Filename	Status	Size
Drag files here.		

Add Files 0% 0 kb

Upload clear

All users can submit:

- Enter *Batch Name*
- Add data files (xls, xlsx, geodatabases, shapefiles, etc.)
- Click *Upload*

- You will need to answer questions about Bulk Upload to help the Data Coordinator to format your data properly
- You may need to fix data prior to upload based on answers
- Once submitted, your files will enter the queue for formatting and upload into the EDDMapS Database

Downloads

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Downloads

Download My Reports

- New Invaders Watch Program reports as csv
- Outsmart Invasives reports as csv
- UGA Weed Science Class reports as csv
- ipmPIPE reports as csv
- AgPestMonitoring Network reports as csv
- Example Project reports as csv

Bulk Data Entry reports as csv
IPCCconnect reports as csv
EDDMapS IPM reports as csv
Pest Literature Data reports as csv
AgPestMonitoring Network reports as csv
Example Project reports as csv

My Requests

Show 10 entries

Search:

Request Number	Date	File type	Parameters	Num. of rows	Status	Completion Time	File
24306	02-12-2020	csv	subjectnumber:80239	123	finished	00h 00m 01s	Download
24305	02-12-2020	csv	subjectnumber:3046	16,534	finished	00h 00m 33s	Download
24125	01-31-2020	csv	layerid:152294	61	finished	00h 00m 01s	Download
24068	01-30-2020	csv	subjectnumber:165 country:926	5,130	finished	00h 00m 10s	Download
22850	01-03-2020	csv	country:926 reporter:2724	122	finished	00h 00m 02s	File Expired
22495	11-27-2019	csv	subjectnumber:71622 country:926	3	finished	00h 00m 01s	File Expired
22494	11-27-	csv	subjectnumber:73130 country:926	32	finished	00h 00m 01s	File

Showing 1 to 10 of 108 entries

Previous 1 2 3 4 5 ... 11 Next

Request to **Download** data from a project that you have contributed to or your own data. View your **Downloads** of EDDMapS data. **Search** your requests by Request Number, Date, File Type, or any Key Word from the Parameters section.

My Species List

The screenshot displays the 'Manage My Species List' interface in EDDMapS. The top navigation bar includes 'HOME', 'REPORT SIGHTINGS', 'DISTRIBUTION MAPS', 'SPECIES INFORMATION', 'TOOLS & TRAINING', 'MY EDMAPS', and 'ABOUT'. The user 'Rebekah Wallace' is logged in. The left sidebar contains navigation options: Dashboard, Profile, Reports, Bulk Uploads, Downloads, My Species List, Projects, Alerts, Admin Tools, EDDMapS Pro Tools, My Surveys, and My Labs.

The main content area is titled 'Manage My Species List' and features two sections for adding species:

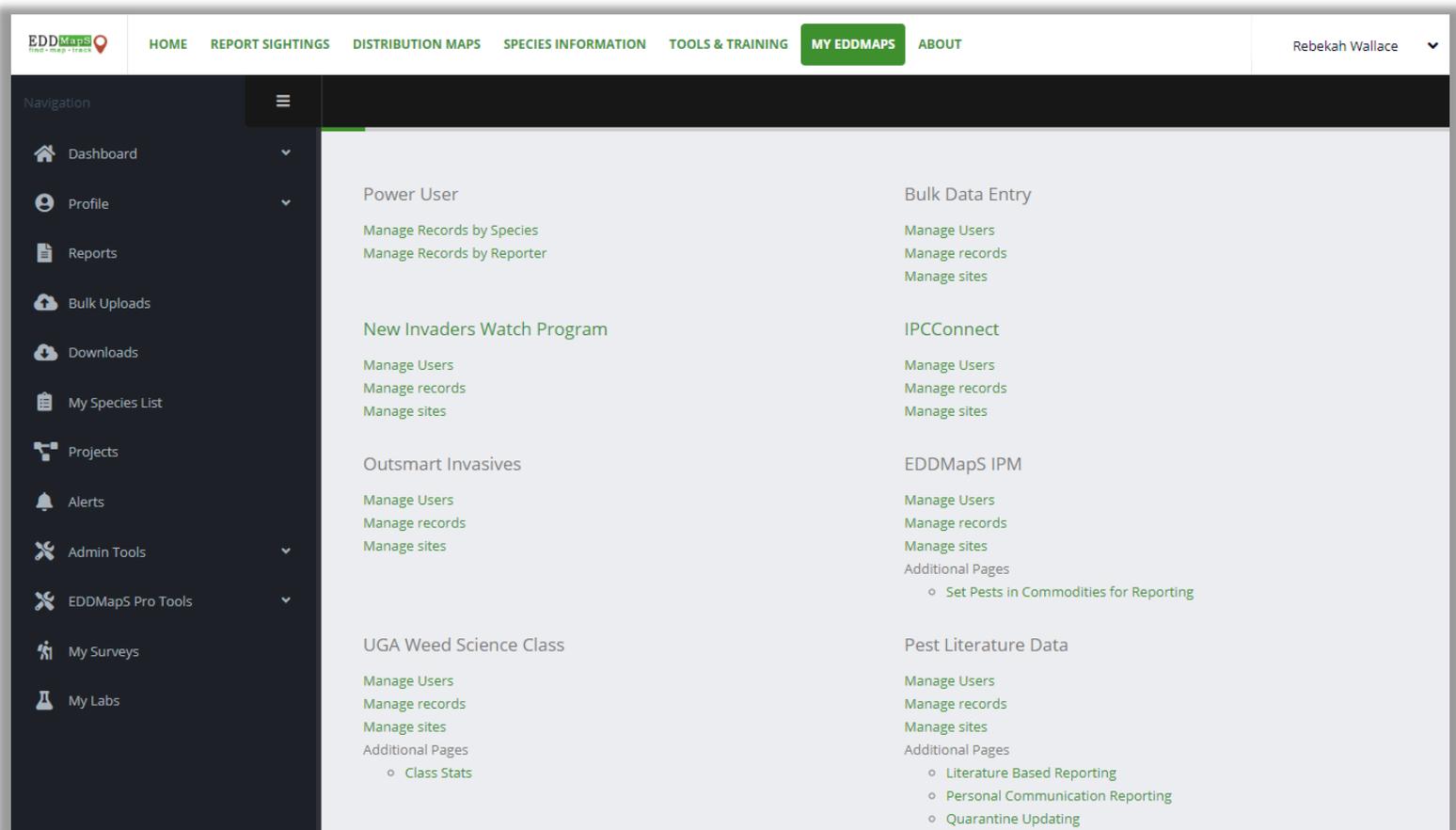
- Add Individual Species:** Includes a dropdown for 'Select a subject' and buttons for 'Add Species' and 'Clear'.
- Add Species List:** Includes a dropdown for 'Select A List' and buttons for 'Add List' and 'Clear'.

Below these sections is a 'Manage My List' section with a 'Clear List' button and a search bar labeled 'Search...'. A table lists the species in the user's list:

Species	Priority	
Canada thistle (<i>Cirsium arvense</i>)	1	Delete
Brazilian waterweed (<i>Egeria densa</i>)	2	Delete
Russian olive (<i>Elaeagnus angustifolia</i>)	3	Delete

EDDMapS Users can create **My Species** Lists to create personalized invasive species lists within their account. This allows for easily accessible lists with only species you are interested in or can personally identify. **Add Species List** allows users to add species from existing state lists.

Projects



View individual projects that you are participating in. For each project you can:

- Manage Users
- Manage Records
- Manage Sites

Most users will not be part of a project

Alerts

Alert ID	New Records Only	Division	category	Location	Species	
14054	No				unlisted animal	Delete
14055	No				unknown plant	Delete
14056	No				unlisted plant	Delete

Alerts – Be notified when verified records of species are made publicly available.

- Select **State** (required)
- Select **County** (optional)
- Must select one of the following
 - **Division** (i.e., Diseases, Insects, Plants, Wildlife),
 - **Category** (e.g., Nuisance Insects, Aquatic Plants), OR
 - **Subject**
- Check **New Only** if you want alerts for the first occurrence only
- Click **Create Alert** to submit or **Clear** to restart

Manage Alerts – View and/or delete existing alerts to stop receiving notifications of verified records

Admin Tools – Review Records

If you are set up to be a record verifier, you will have access within Admin Tools to Review Records. Verifiers are experts who are willing to identify species they are familiar with and near their geographic location.

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Review Records

Filter by -- Show all --

Insects Diseases Plants Animals Show Negative Records

View Your Recently Reviewed records
View All Recently Reviewed records
View All Recently Reviewed but not Public records
View Deleted records
View Unable to be Confirmed records
Clear Filters

Species: Select Species Reporter: Select Reporter(s) Date Entered: to 2/12/2020

Show 10 entries

ID	Species	Images	Submitted By	Location	Date Entered	Observation Date	Review Status
8315659	Japanese tiltgrass		Amanda Lasley	Burke County, North Carolina	February, 13 2020	August, 19 2019	Unreviewed
8315658	scotch thistle		Brad Winder	Washington County, Utah	February, 13 2020	February, 13 2020	Unreviewed
8315657	thruddy espedeza		Amanda Lasley	Burke County, North Carolina	February, 13 2020	August, 19 2019	Unreviewed

On the Review Records page, verifiers can use **Search filter** to limit records by species, location, date entered, or reporter. **Review Status** lets you and other verifiers know the last status update on the record based on verifier or reporter actions. **Filter by** Species Type, first report in county, first report by user, or reports with images. Click on an **ID number** to assess individual records for review. For more instruction, visit our How to Verify an EDDMapS Record presentation on the Tools & Training page.

EDDMapS Pro Tools

The screenshot displays the EDDMapS Pro Tools interface. The top navigation bar includes links for HOME, REPORT SIGHTINGS, DISTRIBUTION MAPS, SPECIES INFORMATION, TOOLS & TRAINING, MY EDDMAPS (highlighted), and ABOUT. The user name 'Rebekah Wallace' is visible in the top right corner. The left sidebar contains a 'Navigation' menu with options: Dashboard, Profile, Reports, Bulk Uploads, Downloads, My Species List, Projects, Alerts, Admin Tools, EDDMapS Pro Tools (expanded), My County List, Site Image Projects, My Surveys, and My Labs. The main content area is titled 'Manage My County List' and features a 'Create My County List' section with dropdown menus for 'State' and 'County', and 'Add County' and 'Clear' buttons. Below this is a 'Manage My County List' section with a search bar and a table of entries.

ID	Location	
1710	Wake County, North Carolina	Delete
1711	Orange County, North Carolina	Delete
1837	Cook County, Illinois	Delete
1506	Box Elder County, Utah	Delete

Showing 1 to 4 of 5 entries

EDDMapS Pro tools are for users who submit records via the EDDMapS Pro app. Selecting Counties in the **My County List** creates the list of Counties you can download data from in the app. The **Site Image Projects** is specific to programs that document changes to sites with images.

About EDDMapS

- History
- What is an invasive species?
- Why do plants become invasive?
- What you can do?
- Why should I report data to EDDMapS?
- What kind of data is appropriate?
- Step-by-step Instructions for Reporting an Invasive Plant Sighting
- Bulk Data Entry
- How does GPS work?
- Photography for Invasive Species Occurrences
- Data Collection Preparation and Safety
- Public and Private Land Issues
- Developing a State Invasive Species Program
- Partners
- Frequently Asked Questions
- Code of Conduct

[Register and Report Now!](#)

EDDMapS - Early Detection and Distribution Mapping System *Invasive Species Mapping Made Easy!*

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

Overview

EDDMapS is a web-based mapping system for documenting invasive species distribution. It is fast, easy to use and doesn't require Geographic Information Systems experience. Launched in 2005 by the Center for Invasive Species and Ecosystem Health at the University of Georgia, it was originally designed as a tool for state Exotic Pest Plant Councils to develop more complete distribution data of invasive species.

EDDMapS goal is to maximize the effectiveness and accessibility of the immense numbers of invasive species observations recorded each year. As of February 2020, EDDMapS has over 4.9 million records.

EDDMapS combines data from other databases and organizations as well as volunteer observations to create a national network of invasive species distribution data that is shared with educators, land managers, conservation biologists, and beyond. This data will become the foundation for a better understanding of invasive species distribution around the world.



Why do we care?

The biological pollution caused by invasive species is extremely challenging, because even if we never import another non-native species, the ones already invading our native ecosystems will continue to grow and spread. We must actively seek solutions to control or eradicate the species which are problems already or have the potential to become problems.

How does it work?

EDDMapS documents the presence of invasive species. A simple, interactive Web interface engages participants to submit their observations or view results through interactive queries into the EDDMapS database. EDDMapS encourages users to participate by providing Internet tools that maintain their personal records and enable them to visualize data with interactive maps.

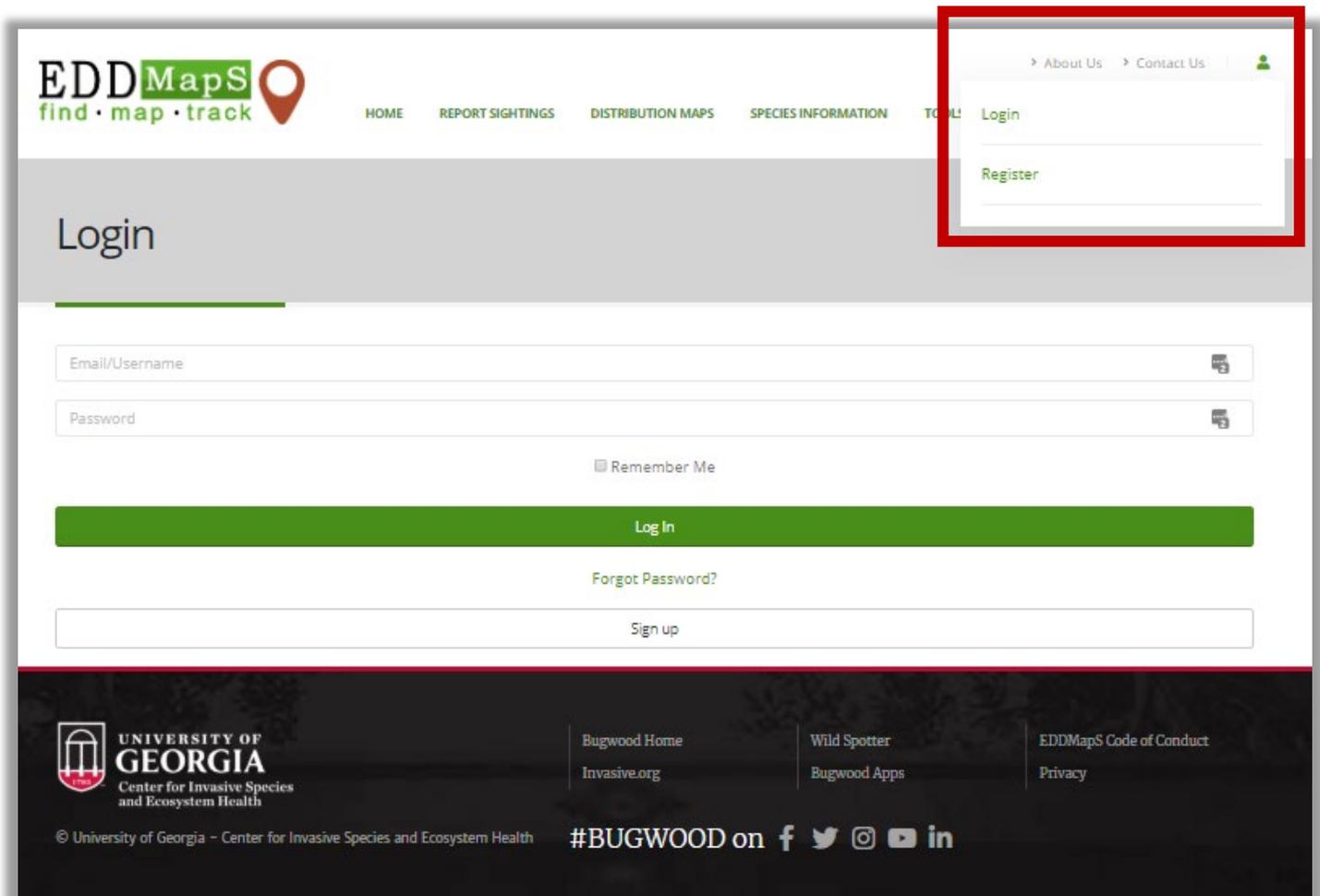
Users simply enter information from their observations into the standardized on-line data form, which allows specific information about the infestation and images to be added. Data entered is immediately loaded to the Website, allowing real time tracking of species. Being able to see the current data of a species as it moves into a new area helps to facilitate Early Detection and Rapid Response programs (EDRR). EDRR programs help stop or control an invasive species before it becomes an unmanageable problem.



All data is reviewed by state verifiers to ensure all data is accurate. The data is made freely available to scientists, researchers, land managers, land owners, educators, conservationists, ecologists, farmers, foresters, state and national parks.

About
Find information about EDDMapS history and invasive species information.

User Icon



The image shows a screenshot of the EDDMapS website. The top navigation bar includes links for 'About Us' and 'Contact Us', and a user icon. Below the navigation bar, the main content area features a 'Login' section with a large green 'Log In' button. A 'Sign up' button is also visible. The footer contains the University of Georgia logo and various links including 'Bugwood Home', 'Invasive.org', 'Wild Spotter', 'Bugwood Apps', 'EDDMapS Code of Conduct', and 'Privacy'. Social media icons for Facebook, Twitter, Instagram, YouTube, and LinkedIn are also present.

Select the User Icon to Login to an existing EDDMapS account or Register/Sign Up for a new EDDMapS account.



Have Questions or Want More Information?

Rebekah Wallace
EDDMapS Coordinator
bekahwal@uga.edu