EDDMapS/IveGot1, ECISMA website, Hotline Updates

Chuck Bargeron
The University of Georgia
Center for Invasive Species and Ecosystem Health

EDDMapS Update – Overall

64,592 Web Reports
85,766 iOS Reports
36,209 Android Reports

4,413,890 total records

47,909 Registered Users - 16,640 Reporters

4,576 Species

EDDMapS Update – Last Year

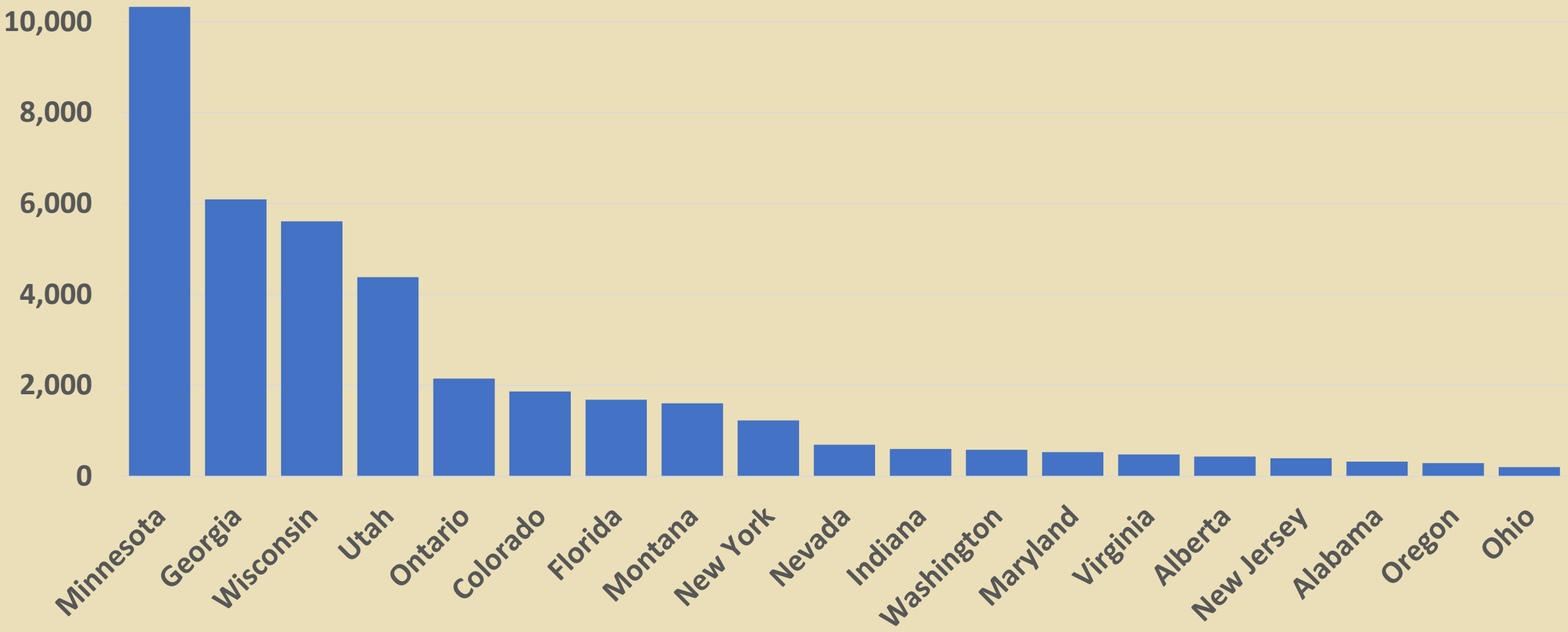
9,223 Web Reports
22,694 iOS Reports
10,256 Android Reports

Average 113 reports a day

Most reports in a day: 990 on July 28, 2017

42,173 Reports from 3,671 reporters

EDDMapS Reports by State – Last Year




IveGot1
Identify and Report
Invasive Animals and Plants
in Florida
EDDMapS
UF FLORIDA

EDDMapS
Early Detection & Distribution Mapping System

FISP
Florida Invasive Species Partnership

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

EDDMapS Florida UPDATE

Statistics

318,433 County Reports
291,482 Point Reports
1,683 Species

Recent Reports in Florida

- Burmese python by Deborah Jansen in Collier County, Florida
- narrow swordfern by Brandon Haught in Volusia County, Florida
- smooth rattlebox by Hillary Cooley in Monroe County, Florida
- wetland nightshade by Jennifer Heller in Polk County, Florida
- by Hugh Holborn in St. Johns

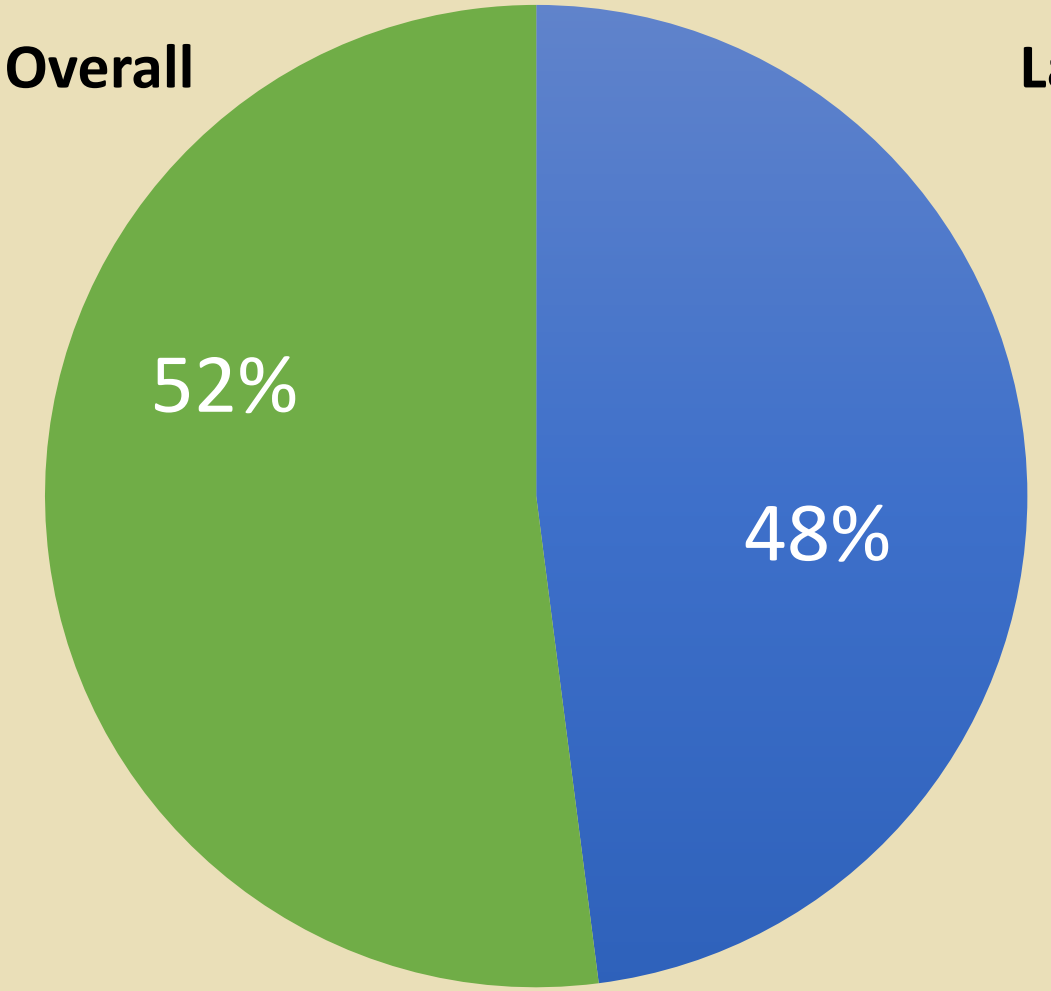
Smartphone App

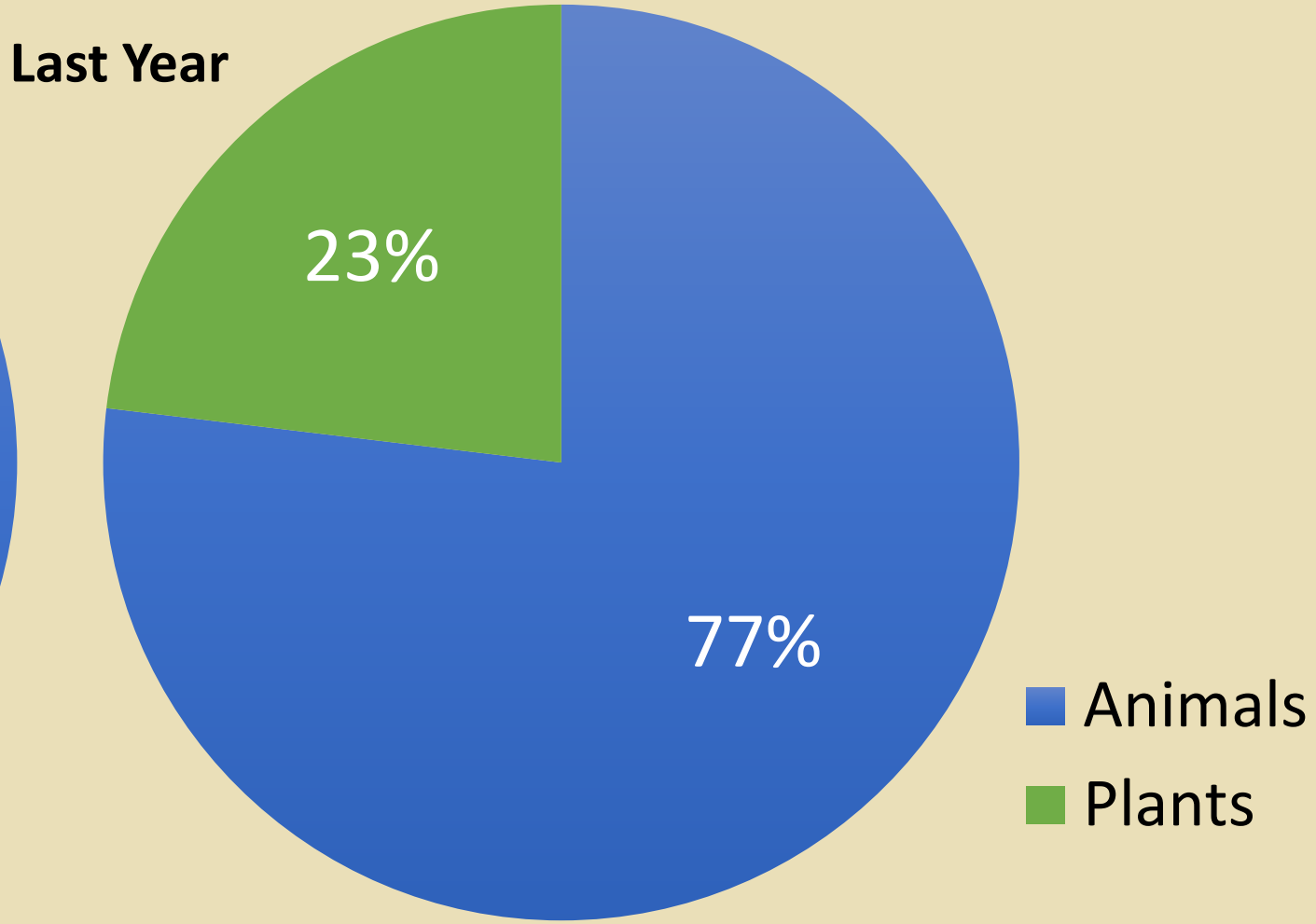
Educational Resources

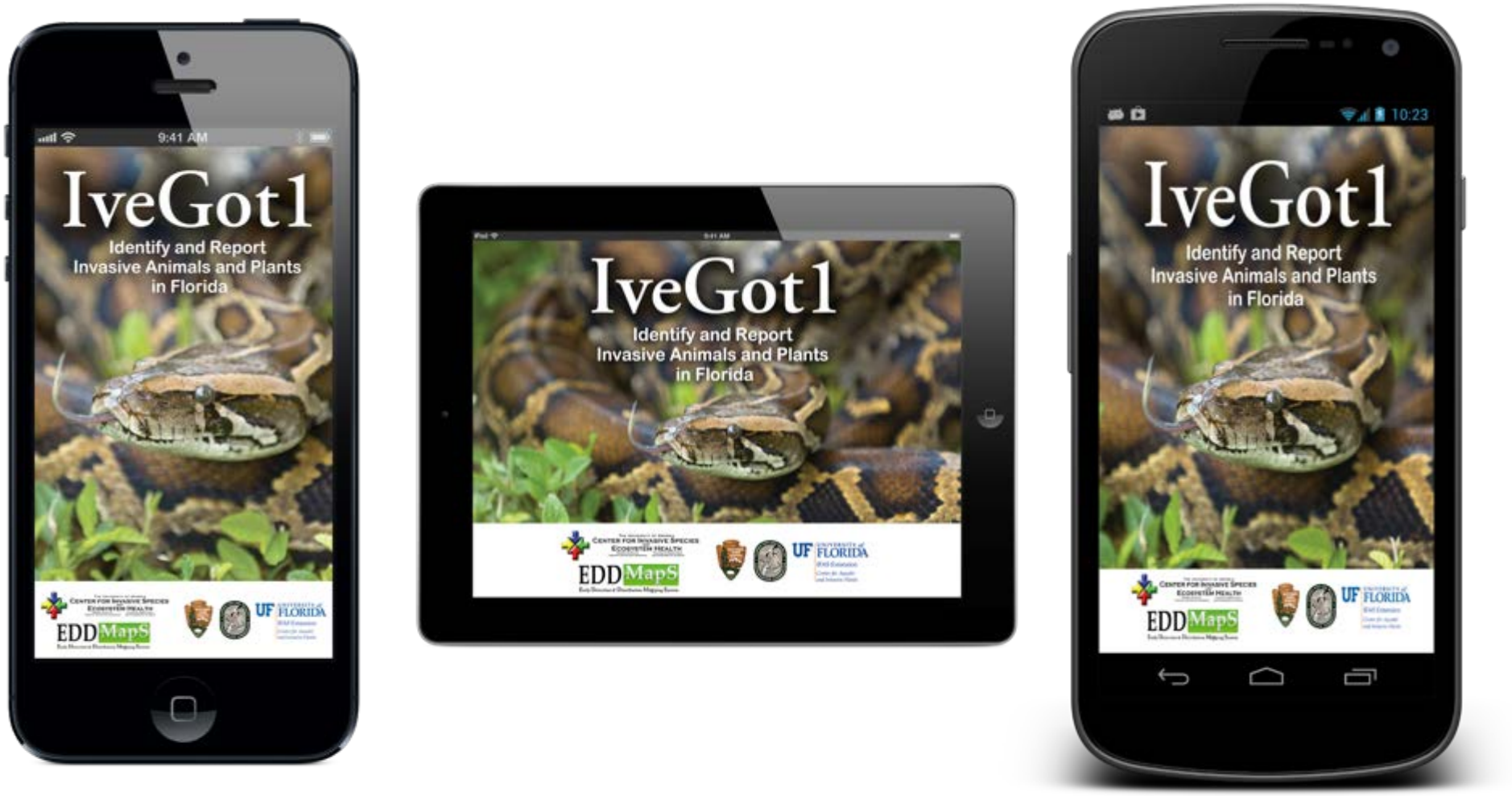
EDDMapS Florida Statistics

Overall	Last Year
318,433 County Reports	13,866 Reports (includes bulk data)
291,482 Point Reports	347 Species
1,683 Species	950 Reporters
3,788 Reporters	
5,838 Web Reports	971 Web Reports
2,157 iPhone Reports	457 iPhone Reports
1,382 Android Reports	257 Android Reports

EDDMapS Florida Statistics







Smartphone Apps Update

IveGot1 Statistics

iOS

37,065 downloads +7,000 last year

86,877 upgrades

Android

5,619 downloads +675 last year

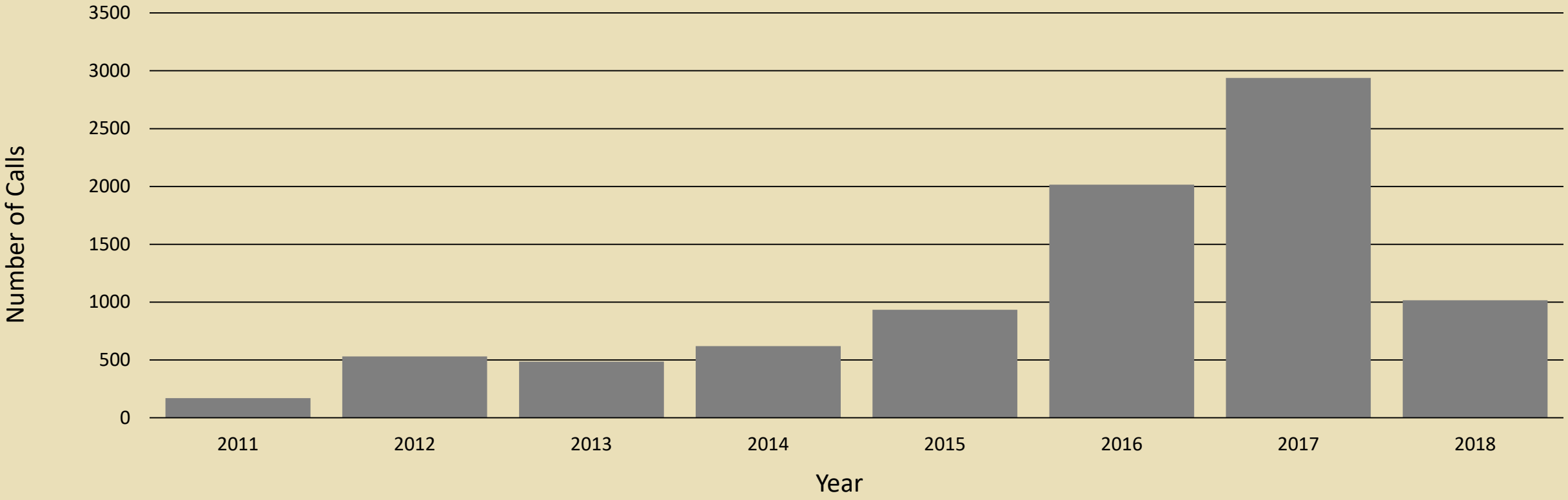
8,964 updates

Nonnative Fish and Wildlife (EDRR)

FWC Exotic Species Hotline (1-888-Ive-Got-1)

Inherited by FWC in 2011

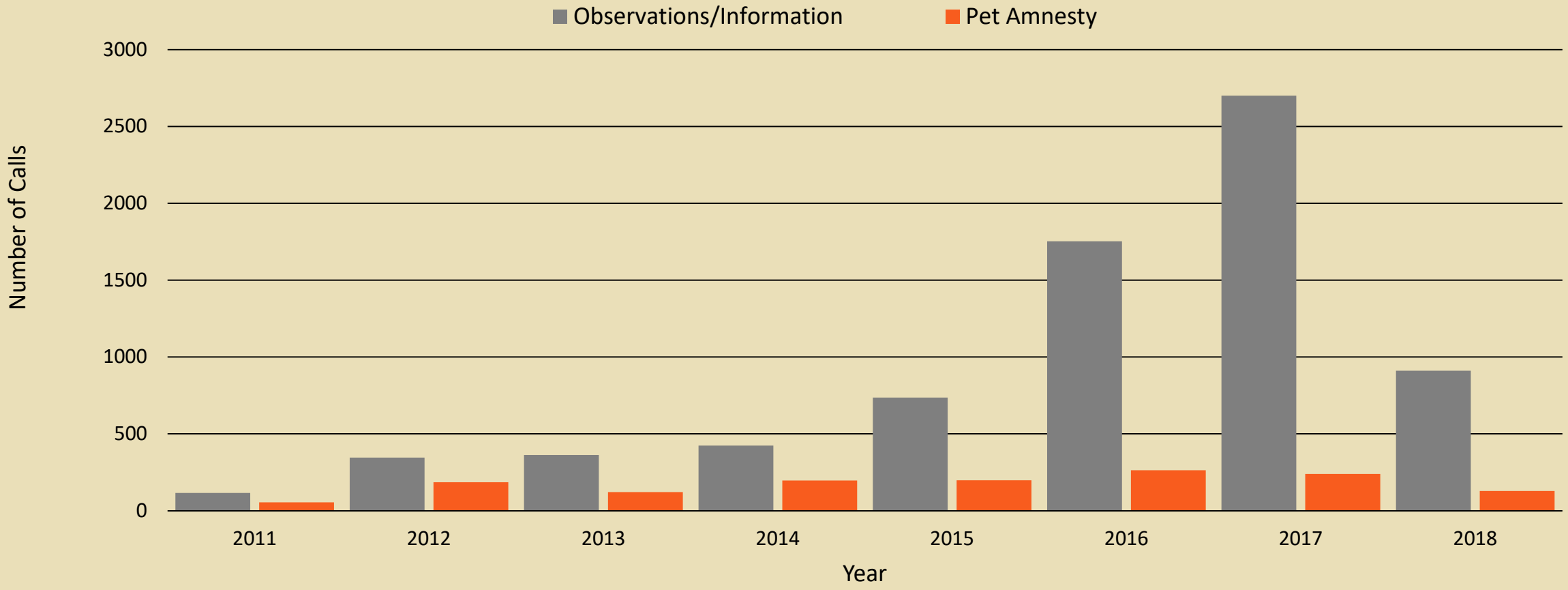
> 8700 total calls



Nonnative Fish and Wildlife (EDRR)

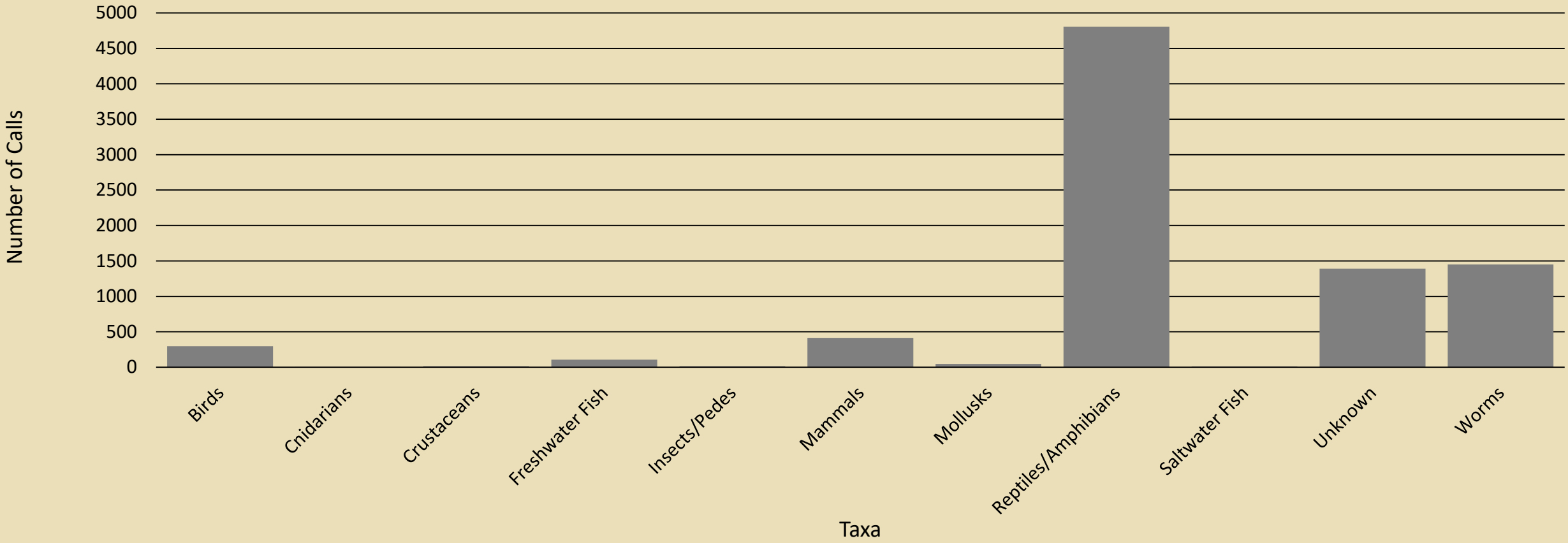
FWC Exotic Species Hotline (1-888-Ive-Got-1)

7349 vs. 1385 calls

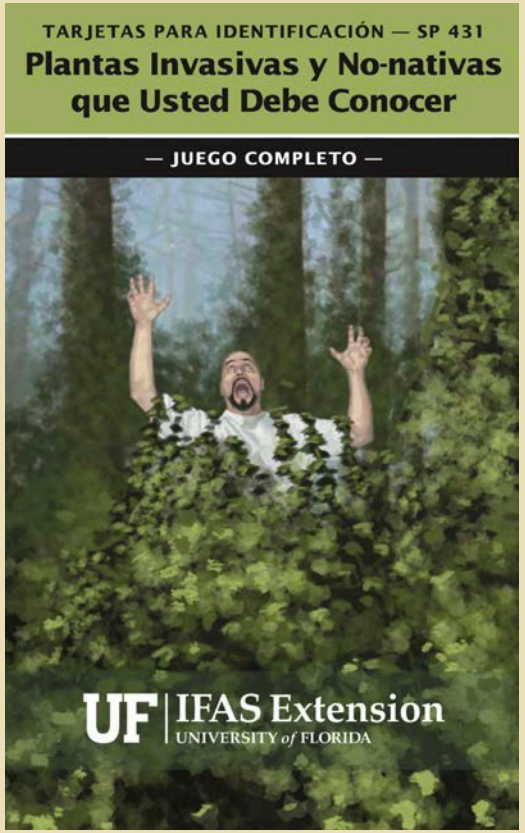


Nonnative Fish and Wildlife (EDRR)

FWC Exotic Species Hotline (1-888-Ive-Got-1)

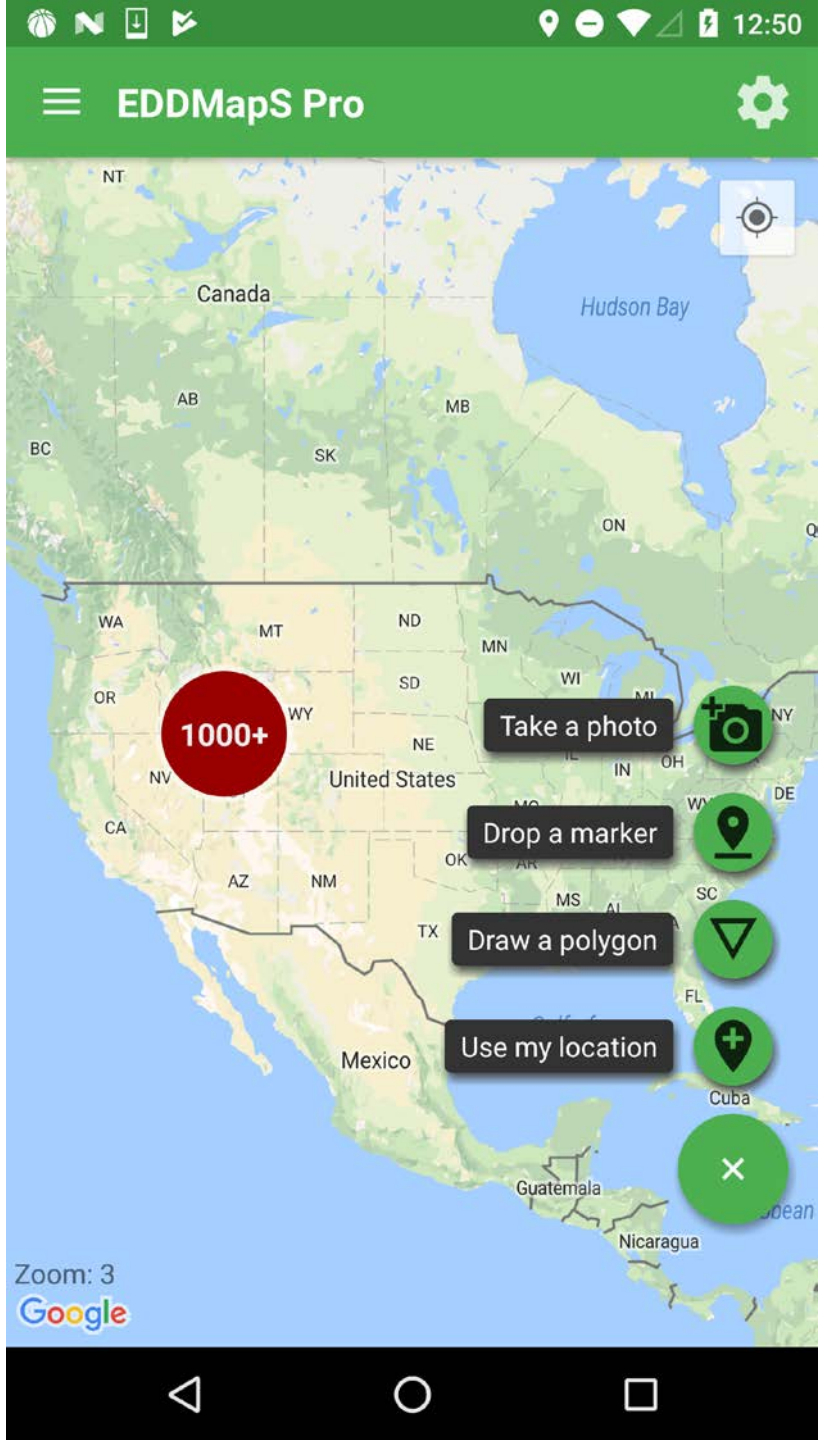


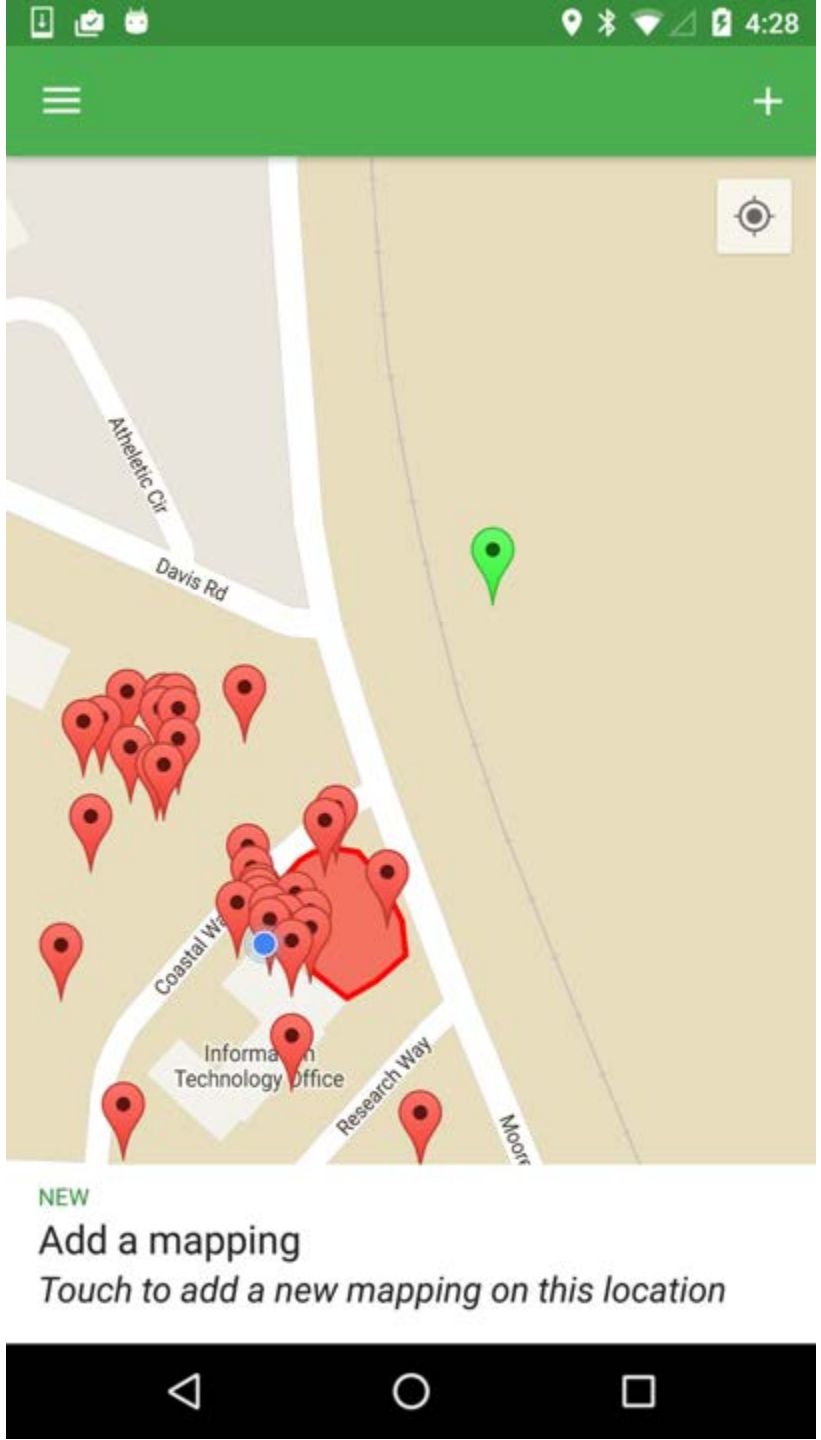
IveGot1 español – Now Available



Translation by Ernesto Lasso de la Vega, Lee County Hyacinth Control District

EDD MapS Pro


12:50
EDDMapS Pro
Canada
Hudson Bay
AB
MB
BC
SK
ON
WA
MT
ND
MN
OR
SD
WI
WY
NY
1000+
NE
United States
NV
IN
OH
DE
CA
OK
AZ
NM
MS
SC
TX
FL
Take a photo
Drop a marker
Draw a polygon
Use my location
Mexico
Cuba
Guatemala
Nicaragua
Zoom: 3
Google


4:28
Athletic Cir
Davis Rd
Coastal Wa
Technology Office
Research Way
NEW
Add a mapping
Touch to add a new mapping on this location

Positive

Treated

Negative

Eradicated

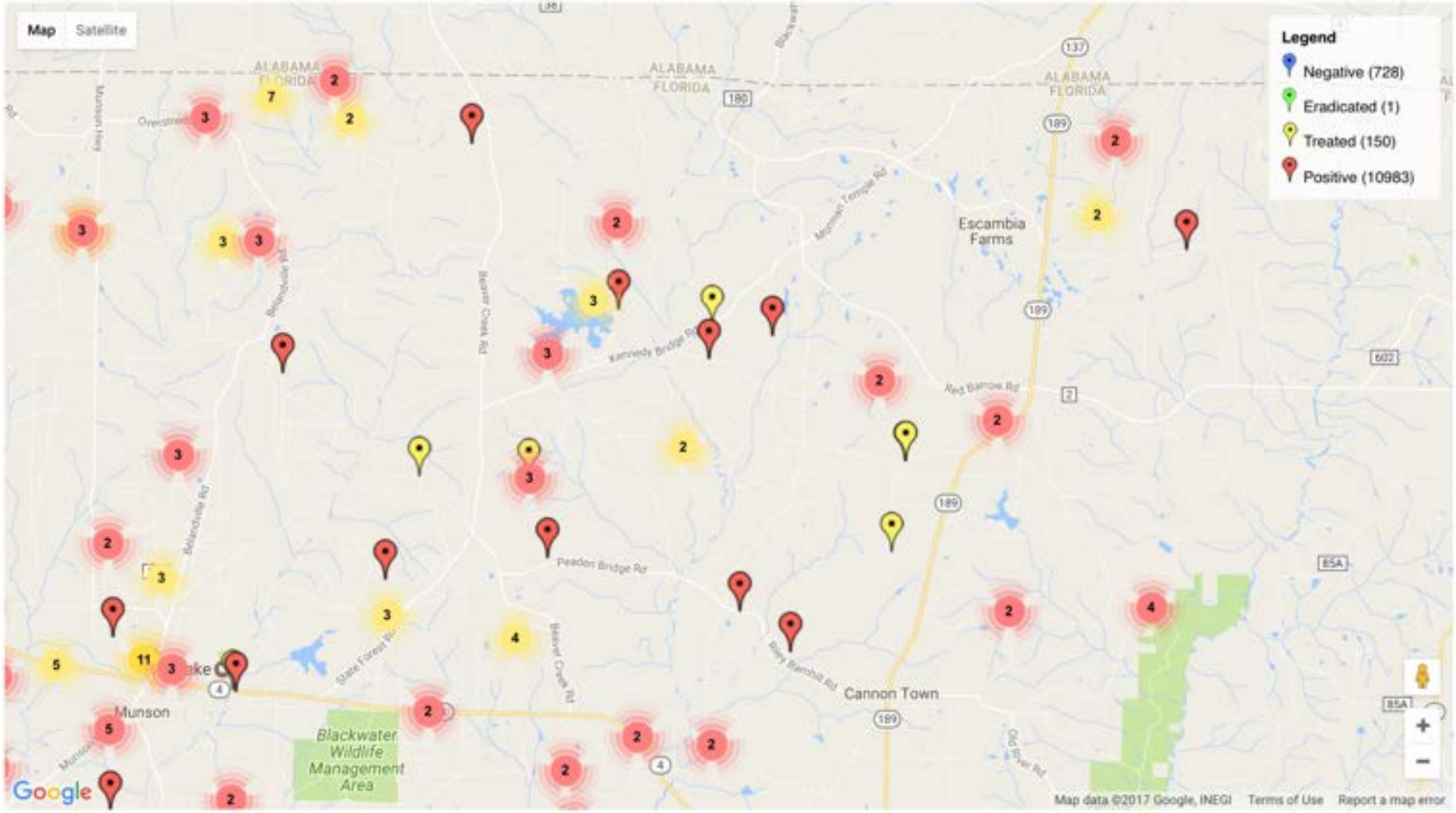
Japanese honeysuckle
Lonicera japonica Thunb.

USDA PLANTS Symbol:LOJA
Invasive Plant Atlas
Species Information

States | Counties | **Points** | List

CSV KML GPX Shapefile

Zoom to My Location | Share | Download | Flag | Fullscreen



Lat/Long Precision

Degree precision versus length				
decimal places	decimal degrees	DMS	qualitative scale that can be identified	N/S or E/W at equator
0	1.0	1° 00′ 0″	country or large region	111.32 km
1	0.1	0° 06′ 0″	large city or district	11.132 km
2	0.01	0° 00′ 36″	town or village	1.1132 km
3	0.001	0° 00′ 3.6″	neighborhood, street	111.32 m
4	0.0001	0° 00′ 0.36″	individual street, land parcel	11.132 m
5	0.00001	0° 00′ 0.036″	individual trees, door entrance	1.1132 m
6	0.000001	0° 00′ 0.0036″	individual humans	111.32 mm
7	0.0000001	0° 00′ 0.00036″	practical limit of commercial surveying	11.132 mm
8	0.00000001	0° 00′ 0.000036″	specialized surveying (e.g. tectonic plate mapping)	1.1132 mm

Utah Combine Points Example

Group by Grid and Species

Saved oldest report in grid

Move other points to revisits

No data lost

214,097 Points became 171,086 Points

Reduced records by 43,011

WILD SPOTTER™

Mapping Invasives in America's Wild Places™

UNIVERSITY OF GEORGIA

Wildlife Forever

FOREST SERVICE U.S. DEPARTMENT OF AGRICULTURE

WILD & SCENIC 50 YEARS 1968–2018 RIVERS

NATIONAL TRAILS SYSTEM 1968 50 YEARS 2018

Wild Spotter™ - Engaging and empowering the public to help find, map, and prevent invasive species in America's wilderness areas, wild rivers, and other natural areas. Become a Wild Spotter citizen scientist volunteer, download the Mobile App, and help protect America's Wild Places!

Carrier 4:39 PM

WILD SPOTTER
Mapping Invasives in America's Wild Places™


Species ID


Report


Locate


About

Lincoln National Forest

Carrier 4:40 PM

Home
Species List
Wild Place Map
Queue
Wild Places
Login
About Wild Spotter

Mapping


Species


Locate

Lin

Carrier 4:40 PM

Back

Dalmatian toadflax
Linaria dalmatica

2018-06-27 16:39 PM

Images


Tap Here
to Add Photo

GPS Location

Latitude	31.47762
Longitude	-83.524...
Accuracy	5.0

Time Spent in Minutes

5 | 10 | 15 | 30 | 45 | 60

Observation Data

Area 0.0 Acres | Sq Feet

Notes

Any Extra Information Goes Here

Save

Facebook: Build Community

Pilot National Forests

Promotional Materials

Partners


MONTANA
FULL CIRCLE


MONTANA
CONSERVATION
CORPS
Tools for Living. Experience for Life.


The
CorpsNetwork
Strengthening America through
service and conservation


ARKANSAS WILDLIFE FEDERATION, INC.
19
36


MONTANA WILDERNESS
ASSOCIATION


IDAHO
magazine


Badger
Sportsman
A FARFROMWORKIN' EXPERIENCE

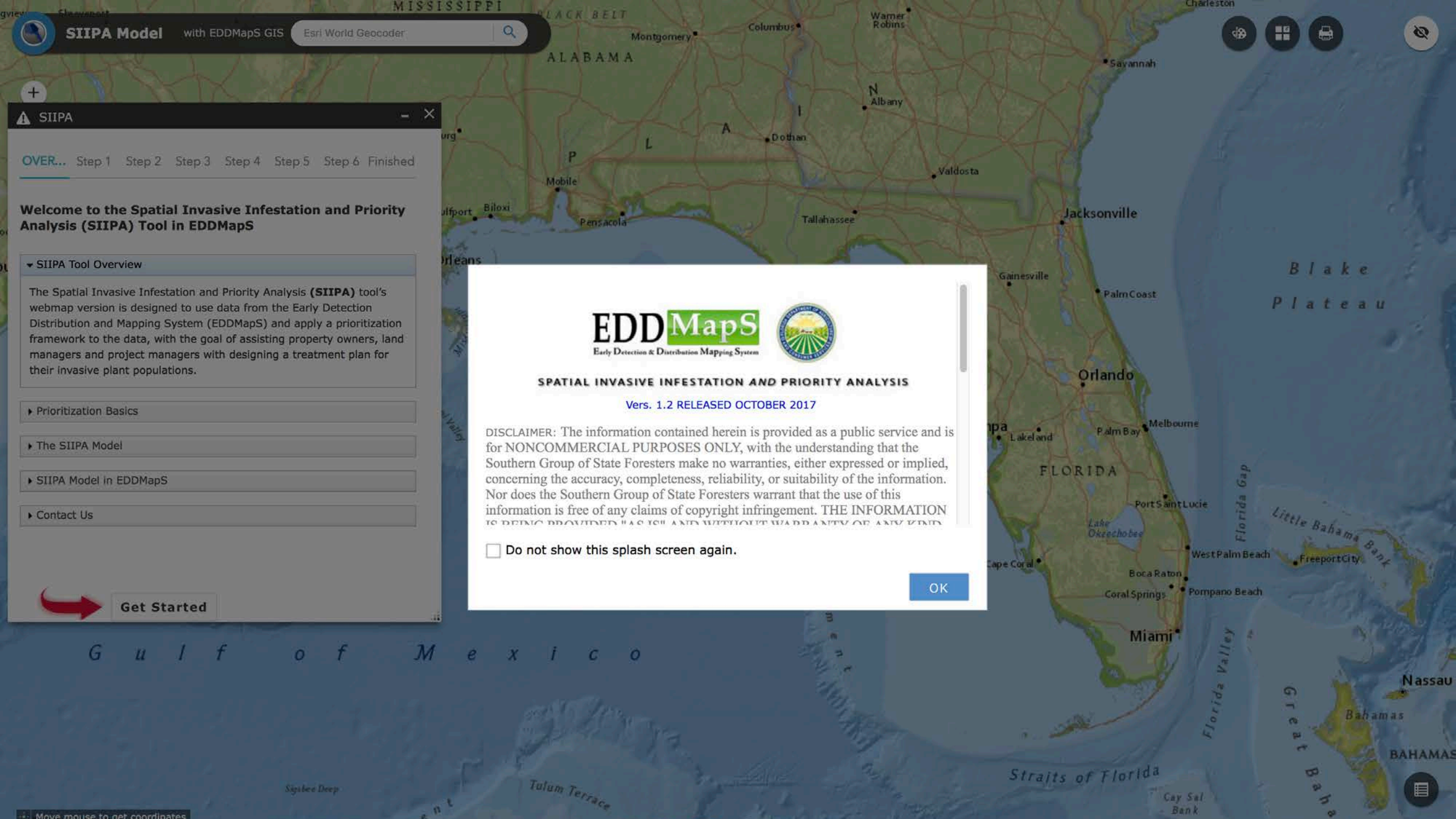

BACKCOUNTRY
HUNTERS & ANGLERS


OISC
OREGON INVASIVE SPECIES COUNCIL


NATIONAL
FOREST
FOUNDATION


RiversEdge West
RESTORE + CONNECT + INNOVATE


DISCOVER the
FOREST


SIIPA Model
with EDDMapS GIS
Esri World Geocoder
SIIPA
OVER...
Step 1
Step 2
Step 3
Step 4
Step 5
Step 6
Finished
Welcome to the Spatial Invasive Infestation and Priority Analysis (SIIPA) Tool in EDDMapS
SIIPA Tool Overview
The Spatial Invasive Infestation and Priority Analysis (SIIPA) tool's webmap version is designed to use data from the Early Detection Distribution and Mapping System (EDDMapS) and apply a prioritization framework to the data, with the goal of assisting property owners, land managers and project managers with designing a treatment plan for their invasive plant populations.
Prioritization Basics
The SIIPA Model
SIIPA Model in EDDMapS
Contact Us
Get Started
EDDMapS
Early Detection & Distribution Mapping System
SPATIAL INVASIVE INFESTATION AND PRIORITY ANALYSIS
Vers. 1.2 RELEASED OCTOBER 2017
DISCLAIMER: The information contained herein is provided as a public service and is for NONCOMMERCIAL PURPOSES ONLY, with the understanding that the Southern Group of State Foresters make no warranties, either expressed or implied, concerning the accuracy, completeness, reliability, or suitability of the information. Nor does the Southern Group of State Foresters warrant that the use of this information is free of any claims of copyright infringement. THE INFORMATION
Do not show this splash screen again.
OK
MISSISSIPPI
ALABAMA
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Columbus
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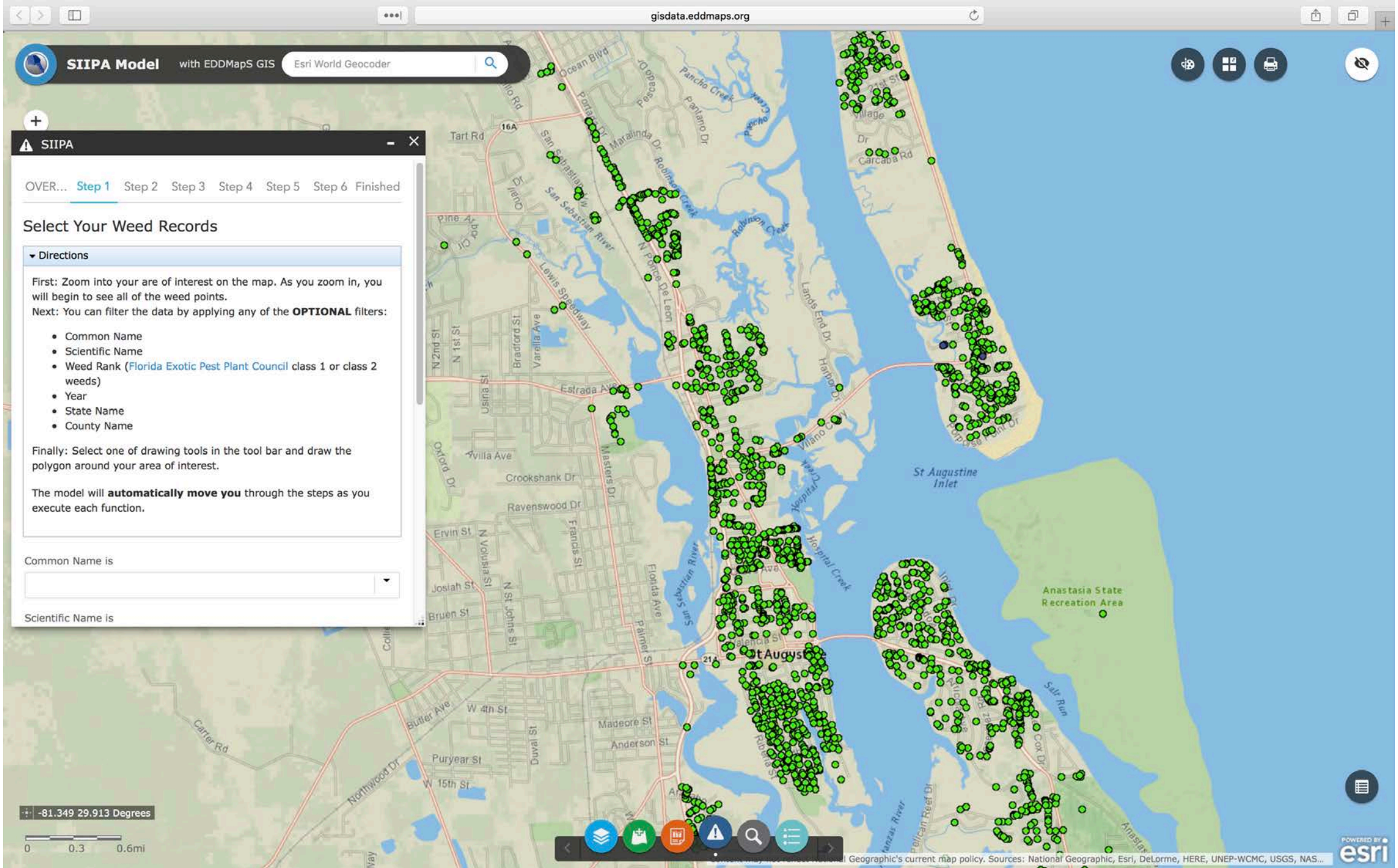
Albany
Dothan
Valdosta
Mobile
Pensacola
Tallahassee
Biloxi
Jacksonville
Gainesville
Palm Coast
Orlando
Lakeland
Palm Bay
Melbourne
Port Saint Lucie
West Palm Beach
Freeport City
Boca Raton
Pompano Beach
Coral Springs
Miami
Cape Coral
Lake Okeechobee
Savannah
Charleston
Nassau
Bahamas
BAHAMAS
Blake Plateau
Florida Gap
Little Bahama Bank
Florida Valley
Great Bahama
Straits of Florida
Gulf of Mexico
Tulum Terrace
Sigsbee Deep
Cay Sal Bank
Move mouse to get coordinates


gisdata.eddmaps.org
SIIPA Model
with EDDMapS GIS
Esri World Geocoder
SIIPA
OVER...
Step 1
Step 2
Step 3
Step 4
Step 5
Step 6
Finished
Select Your Weed Records
Directions
First: Zoom into your are of interest on the map. As you zoom in, you will begin to see all of the weed points.
Next: You can filter the data by applying any of the OPTIONAL filters:
Common Name
Scientific Name
Weed Rank (Florida Exotic Pest Plant Council class 1 or class 2 weeds)
Year
State Name
County Name
Finally: Select one of drawing tools in the tool bar and draw the polygon around your area of interest.
The model will automatically move you through the steps as you execute each function.
Common Name is
Scientific Name is
St Augustine Inlet
Anastasia State Recreation Area
-81.349 29.913 Degrees
0
0.3
0.6mi
esri

Everglades Cooperative Invasive Species Management Area

WORKING TO PROTECT THE EVERGLADES FROM INVASIVE SPECIES

HOME | HOW YOU CAN HELP | WHAT WE DO | THE DIRTY DOZEN | PUBLICATIONS & TOOLS | INFORMATION FOR PARTNERS

AUSTRALIAN PINE
Casuarina spp.

BRAZILIAN PEPPER
Schinus terebinthifolius

AIR POTATO
Dioscorea bulbifera

Have you spotted an invasive animal or plant in Florida? Please report all sightings to IveGot1!

1-888-IVE-GOT1

www.IveGot1.org

IPhone app

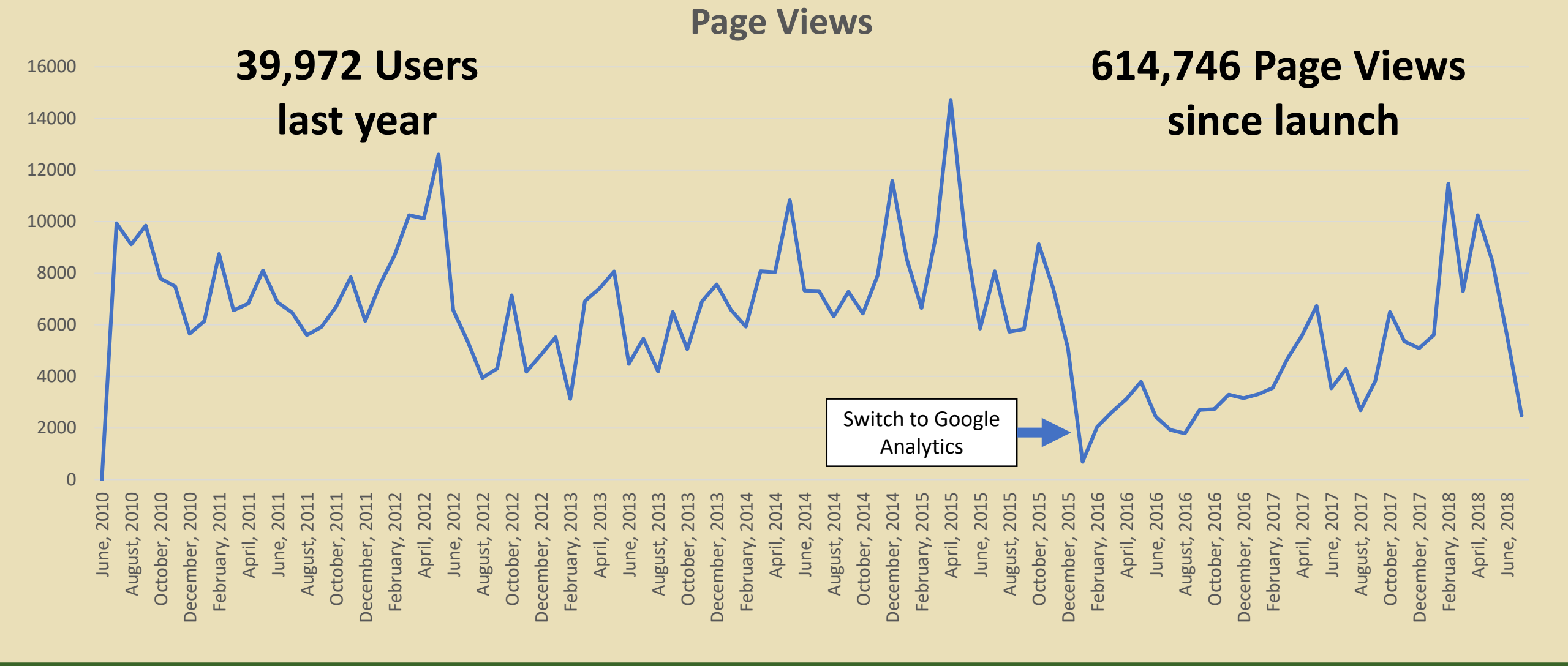
Android app

WEBSITE UPDATE

South Florida is a hotspot for biological invasions.

Plants and animals from all over the world arrive in South Florida's ports every day. Some of these nonnative species escape from their cages, aquariums, or garden beds into the wild. Some are intentionally released. Some take well to the subtropical climate and rapidly increase and expand their populations. We call these species ***invasive*** when they hurt the environment, the economy, and/or human health. Hundreds of invasive species

ECISMA - Web Traffic



Popular Pages (Last Year)

1. Tegu Lizards
2. Chameleons
3. Species Pages
4. Home Page
5. Burmese Python
6. Dirty Dozen
7. Snakeheads
8. Australian Pine
9. Nile Monitor
10. Reptiles Species Pages

Social Media

facebook

557 likes

+100

632 Followers +50

709 Tweets

Invasive Species Data Meetings

- **Invasive Species Data Sharing for Effective Landscape Level Management – May 8, 2017 – Savannah, GA**
- **Mapping Standards Workshop - November 27, 2017 - Las Vegas, NV**
- **Western Governors' Association Invasive Species Data Management Workshop – March 14-15, 2018 – Denver, CO**
- **Meeting of Invasive Species Data Integrators – May 30-31, 2018 – Gainesville, FL**

NISC
NATIONAL INVASIVE SPECIES COUNCIL
SECRETARIAT

U.S. DEPARTMENT OF THE INTERIOR · OFFICE OF THE SECRETARY
1849 C STREET NW · WASHINGTON, DC 20240

ENABLING DECISIONS THAT MAKE A DIFFERENCE

GUIDANCE FOR IMPROVING ACCESS TO AND ANALYSIS OF INVASIVE SPECIES INFORMATION

A. INTRODUCTION

1. The capacity of governments to prevent and respond to biological invasions depends on ready access to the best available scientific and socio-economic information. Recognizing this, Presidential

Western Governors' Association Invasive Species Data Management Workshop
Findings and Recommendations
May 15, 2018

On March 14-15, 2018, the Western Governors' Association (WGA) held a workshop in Denver, CO focusing on the interagency management and exchange of invasive species occurrence data in the West. The WGA Invasive Species Data Management Workshop (workshop) convened 27 representatives from state and federal agencies, non-governmental organizations, industry, and other groups. The goal of the workshop was to develop a set of agreements to improve the reporting, exchange and utilization of invasive species occurrence data by state and federal agencies, invasive species data aggregators, private landowners, industry, and other stakeholders. This paper reports on the recommendations and agreements developed by the participants.
The workshop included representatives from four major national invasive species data aggregators with significant data for the West.

- Early Detection & Distribution Mapping System (EDDMapS)
- iMapInvasives
- USGS Biodiversity Information Serving Our Nation (BISON)

Mapping Standards

What are the NAISMA Mapping Standards?

The mapping standards were designed to be compatible with most existing invasive species inventories. Their purpose is not to add to the level of work for weed managers, but to lighten their workload by making it possible to share information across boundaries easily. Of couse, for the full benefit of the standards to be realized, everyone involved in weed management needs to adopt the standards.

The main purpose of these minimum standards is to increase the ability to share information. The idea is not to create a single database, but to create a system where information being collected is compatible across multiple databases. It is important to note that these are intended to be the minimum standards. The standards address the most basic information required to accurately compare invasive species problems across all landscapes by all land managers.

There are three basic elements of a proper weed inventory. Information collected must answer the following questions: what is the weed?; where is it located?; and how large is the infestation? The standards contain the data fields that are requried to satisfy these basic elements.

The 2014 Mapping Standards documents are listed below:

2014 Mapping Standards

Previous Naisma Mapping Documents:

Mapping Standards

Mapping Standards Appendices

Addendum to Mapping Standards (2007)

10 YEARS
UMISC
Upper Midwest Invasive Species Conference
JOINT CONFERENCE
2018
25 YEARS
NAISMA
North American Invasive Species Management Association

umisc.net

2018 Upper Midwest Invasive Species Conference — North American Invasive Species Management Association JOINT CONFERENCE

Celebrating Milestones; Building a Legacy for the Future

OCTOBER 15–18, 2018

Mayo Civic Center, Rochester, Minnesota

ABOUT THE CONFERENCE:

Following five successful biennial conferences since 2008, the **2018 Upper Midwest Invasive Species Conference will be a joint conference with the North American Invasive Species Management Association.** This year's conference will be the most engaging yet. Unique offerings include:

- Special symposia including GL BIOTIC II.
- Special sessions on citizen science and community of practice.
- New technology and tools.
- Field trips showcasing invasive species management advancements

The Mayo Civic Center, Rochester, Minnesota.

ECISMA Partners

Think Locally, Act neighborly
invasive species know no boundaries!

THANKS

Try out the apps and website,
Send us feedback

cbargero@uga.edu