WI First Detector Network

CISMA MEETING 3/25/2015

TONY SUMMERS

THE UNIVERSITY OF WISCONSIN

Extension
What is WIFDN?

- Citizen scientist network designed to increase awareness and volunteerism relating to invasive species
  - Biology
  - Impacts
  - Identification
  - Projects
How do we interact with volunteers?

- Youtube videos
- Interactive webinars
- Hands on workshops
- Email and Facebook updates
Invasive plant mapping

- Map point or polygon occurrences or negative findings
  - Smartphone app
  - EDDMaps website

Report an Invasive Species Occurrence

Please provide as much information about the sighting as possible.

Species:

Begin typing scientific or common name and then select species from dropdown. If the pest is not listed or is unknown, type and choose “unlisted plant” or “unknown plant” from the list and describe the plant in the Comments section below.

Pest: *Alliaria petiolata (garlic mustard)*
Cerceris Project

- Survey of baseball fields for wood boring beetles for:
  - Emerald ash borer
  - Oak borers
  - Native beetles

- Uses native stingless Cerceris wasp
New this year

- Crazy/jumping worm survey
  - Developing with WI DNR

- Improvements to mapping tools for land managers
  - IPC Connect
  - Interfaces with GLEDN app
  - More on that later...
Can WIFDN help you?

- Do you
  - Have volunteers that need training?
  - Need a network to improve collaboration?
  - Need to improve your mapping?
  - Need to learn more about invasive species projects your volunteers can participate in?
GLEDN Smartphone App

MAKING ACCURATE MAPPING ACCESSIBLE
Available on Apple and Android

Great Lakes Early Detection Network

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.

GLEDN is an online system that collects invasive species reports from casual observers, verifies these reports and integrates them with other networks. The system then uses this integrated information to send customized early detection email alerts.

Available on the App Store
Available on Google Play

FREE for iPhone
FREE for Android

Learn More
**Lonicera x bella**

Bell's honeysuckle

2014-04-07 11:03:23

Report Image

GPS location

Latitude: 43.074856
Longitude: -89.411642
Accuracy: 50.000000

Infested Area

Take a Picture
Pick from Library
Finalize and upload

- Bell's honeysuckle
  Lonicera x bella
- Bighead Carp
  Hypophthalmichthys nobilis
- Bird's-foot trefoil
  Lotus corniculatus
- Black Swallowwort
  Cynanchum louseae
- Border privet
  Ligustrum obtusifolium
- Brown knapweed
  Centaurea jacea
- Bull thistle
  Cirsium vulgare
- Bur oak blight
  Tubakia An undescribed species
Recent Updates to the App

• New dashboard
• Negative survey feature
• Species point or polygon feature
• State lists
• Customized “My List”
• “How to” video:
  o Fyi.uwex.edu/wifdn/trainings
Thank you

- **Funders**
  - US Forest Service
  - USDA

- **Contact Tony Summers**
  - asummers2@wisc.edu