

Early Detection & Distribution Mapping System



How to Use The Early Detection & Distribution Mapping System Ontario (EDDMapS Ontario)

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EDDMapS Ontario



- Launched in 2005 by the Centre for Invasive Species Ecosystem Health at the University of Georgia
- Combines data from other databases, organizations & Volunteers
- Data will become the foundation for a better understanding of invasive species distribution around the world
- > 2.2 million records and 17,530 of these records are from Ontario (as of March 2014

- Observation
- Enter info into EDDMapS

Data immediately loaded to website

Confirmed data freely available to users

- Confirmed/Not Confirmed
- Data reviewed by verifiers

- My EDDMapS
- Interactive queries

View data and/or visualize with interactive maps

EDDMapS Ontario



See it, Map it

- Fast and easy no knowledge of GIS required
- Web-based mapping of invasive species distribution to help fill gaps and identify "leading edge" ranges
- Helps Early Detection and Rapid Response with online data entry, email alerts and network of expert verifiers
- Data can be searched downloaded



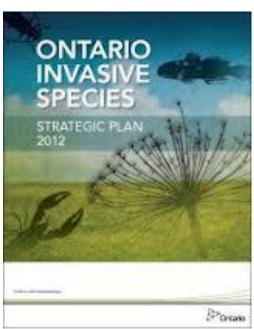
EDDMapS Ontario



Ontario Invasive Species Strategic Plan

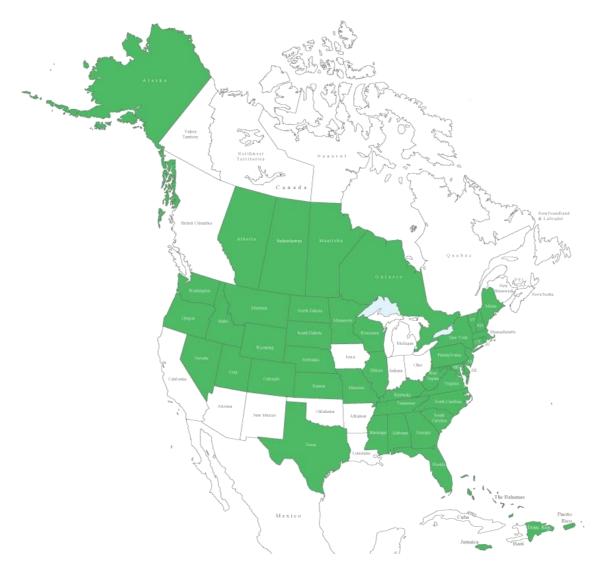
Action 16: Strengthen data management and reporting for invasive species

- Work cooperatively to establish consistent data management standards and data sharing agreements with:
 - Other Provinces
 - Municipalities
 - Conservation Authorities
 - Federal Government
 - Great Lakes border states



Who is using EDDMapS?





Join & Create an Account





Signing up

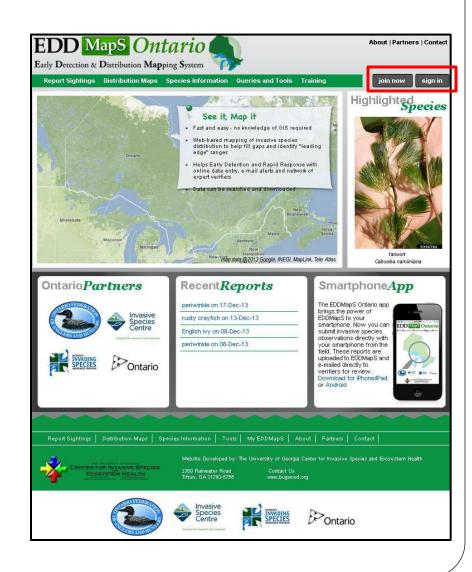


Visit

www.eddmaps.org/Ontario

First time users?<u>Join now</u>

Returning user?<u>Sign up</u>



First Time Users

EDD Man	S On	tario				About Partn	ers Contact
			Toolo	My CDDMan S			-11-
Report Sightings D	Distribution Maps	Species Information	Tools	My EDDMapS		join now	sign in
Register to	Submit l	Data					
If you have any questi	ons, e-mail us at	: bugwood@uga.edu					
	*First name:						
	*Last name:						
*Organi	zation/Company:						
	*E-mail address:						
*User K	Knowledge Level: Se	lect One					
					Note: Your user name a	nd password cannot (contain epaces
	*User name:						
	*Password:						
		*R	equired fields				
	Title:						
	Unit/Department:						
	Address:						
l	City/State/Zip:						

Already Registered



Overview





About | Partners | Contact

Welcome: Alison Kirkpatrick, Ontario Federation of Anglers and Hunters

Early Detection & Distribution Mapping System

Report Sightings Distribution Maps Species Information Queries and Tools

Training

My EDDMapS

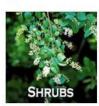
sign out

Report Invasive Species Sightings in Ontario

















Report Sightings | Distribution Maps | Species Information | Tools | My EDDMapS | About | Partners | Contact



Website Developed by: The University of Georgia Center for Invasive Species and Ecosystem Healt

2360 Rainwater Road Tifton, GA 31793-5766 Contact Us www.bugwood.org

Species Information

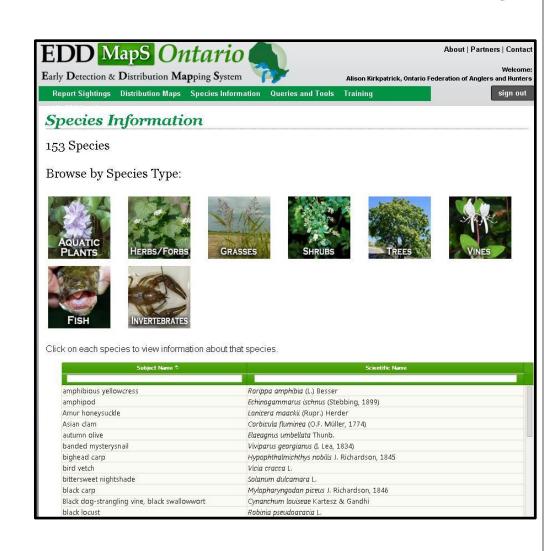




Species Information



- Over 150 species profiles
- Browse by Species type
 - Aquatic Plants
 - Herbs/Forbs
 - Grasses
 - Shrubs
 - Trees
 - Vines
 - Fish
 - Invertebrates

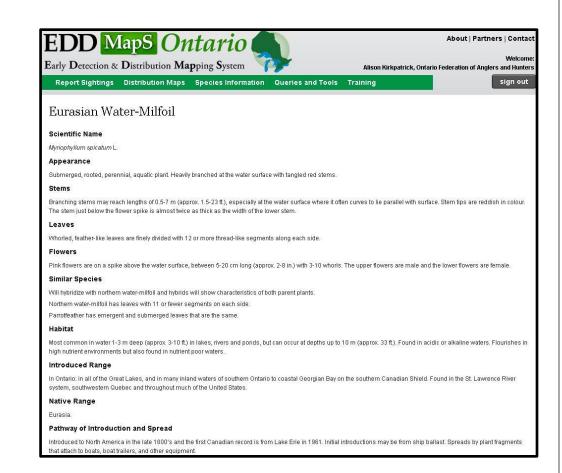


Species Profiles



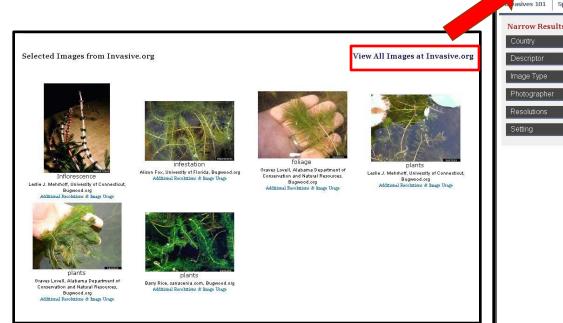
Each profile includes:

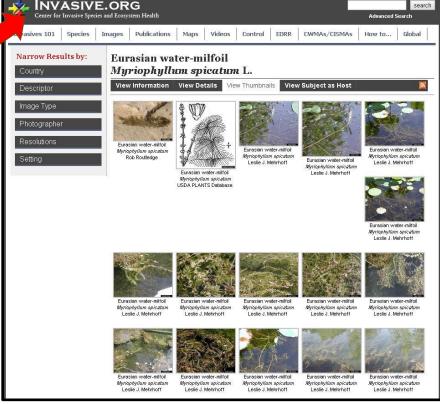
- Scientific name
- Appearance
- Description
- Similar species
- Habitat
- Introduced & native range
- Pathway of introduction & spread
- Impacts



Species Profiles







Report Sightings





Selecting a Species



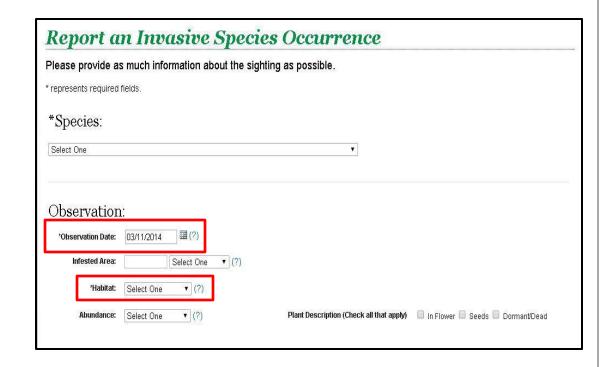


Easy-to-Use Features



Observations:

- Standardized on-line reporting forms with custom attribute fields by taxa
- * represents required fields
 - Observation Date
 - Habitat
- Include any other available information

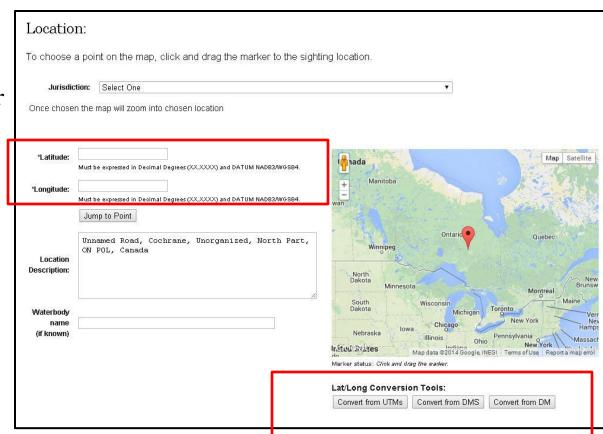


Easy-to-Use Features



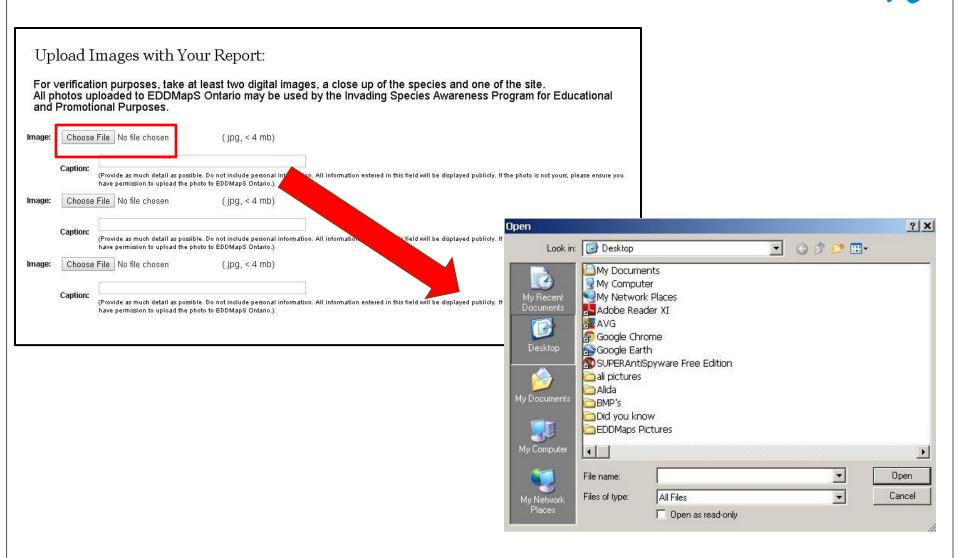
Location Tools:

- Click and drag red marker to sighting location
- Select a Jurisdiction
- *Required fields
- Latitude
- Longitude
- Conversions









Verification



Every record goes in as "unverified" until it is reviewed

Report

- Submission of report
- Automatic email to verifier

Review

- Trusted observer/clear picture = Verify/Not Verify
- None of the above \longrightarrow follow up on report = V/NV

Submit

- Ensure record details correct (e.g., how V)
- Put name in "reviewed by" & submit for display

Distribution Maps



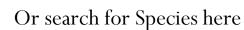


Verification

Sort by taxa









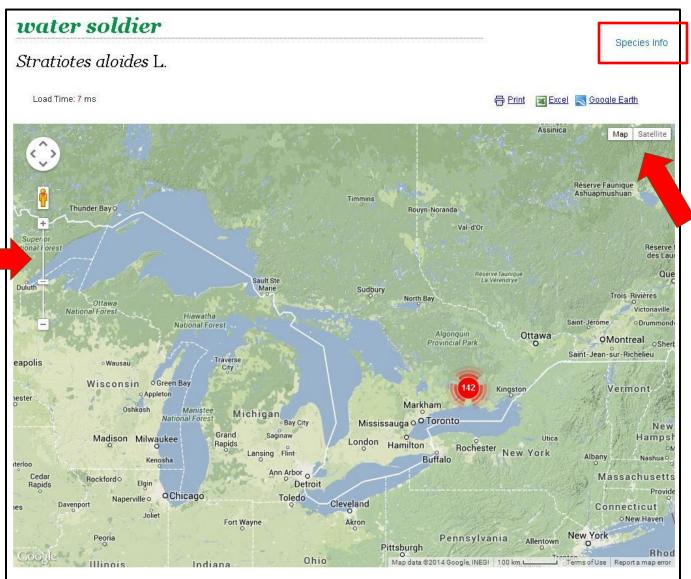
153 Species

Click on each species to view distribution maps.

Subject Name 🗢	Scientific Name		
amphibious yellowcress	Rorippa amphibia (L.) Besser		
amphipod	Echinogammarus ischnus (Stebbing, 1899)		
Amur honeysuckle	Lonicera maackii (Rupr.) Herder		
Asian clam	Corbicula fluminea (O.F. Müller, 1774)		
autumn olive	Elaeagnus umbellata Thunb.		
banded mysterysnail	Viviparus georgianus (I. Lea, 1834)		
bighead carp	Hypophthalmichthys nobilis J. Richardson, 1845		
bird vetch	Vicia cracca L.		

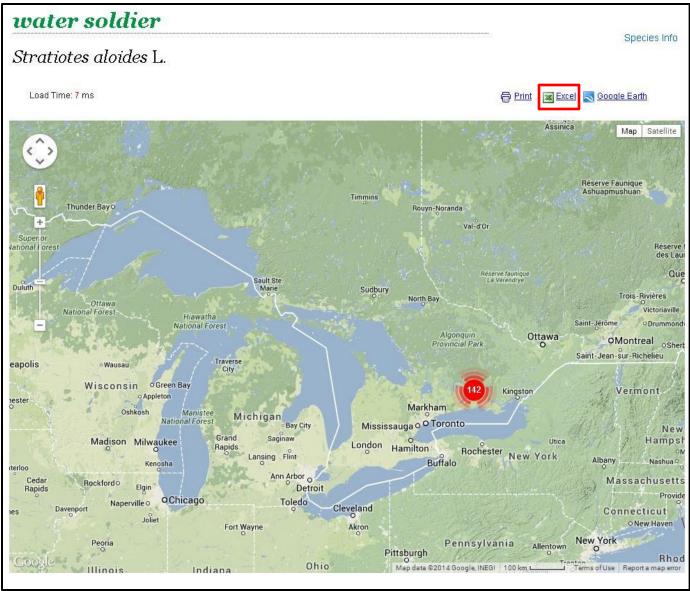
Mapping Features





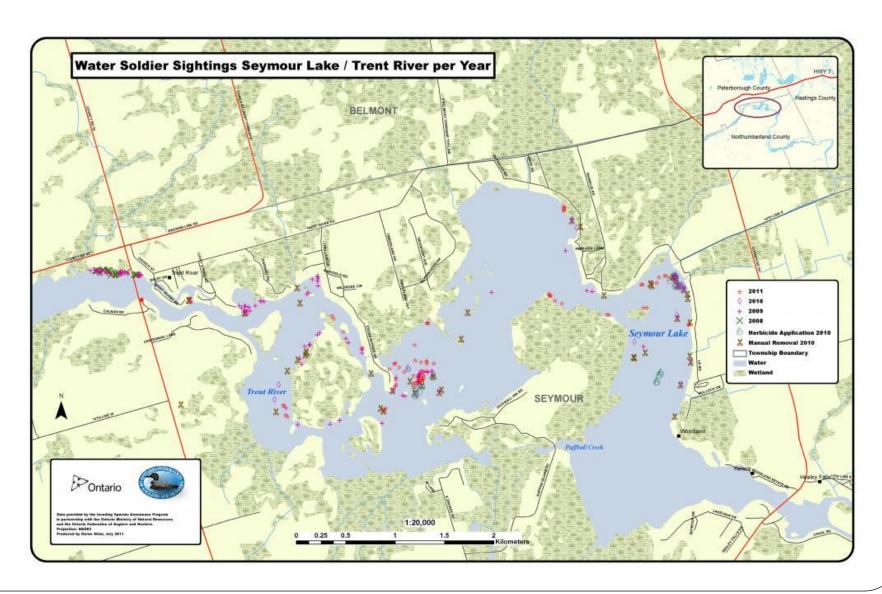
Data Export





Data Export - GIS Maps





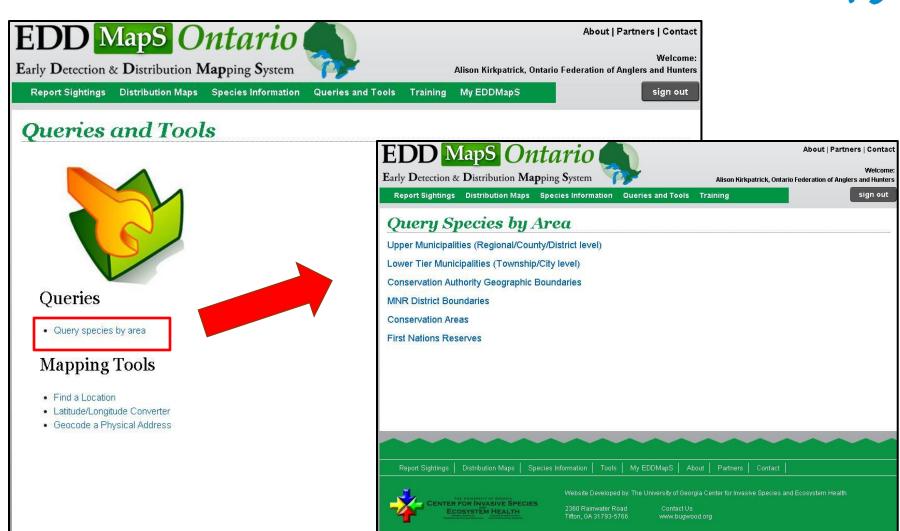
Queries & Tools





Data Export - GIS Maps





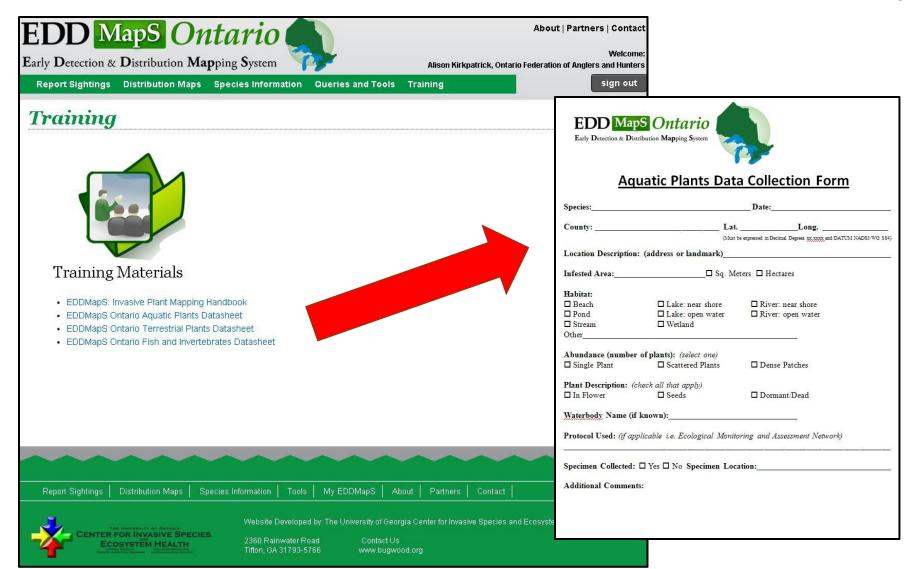
Training





Training Resources





My EDDMapS





Training Resources





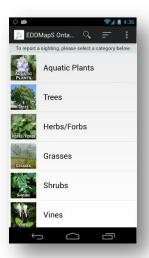
EDDMapS App



- EDDMapS Ontario bring the power of EDDMapS to your Apple or Android device
- Visit the Google Play store or Apple iTunes App store to download it free (wifi preferred)
- Reports are uploaded directly to EDDMapS
- Same verification process as the web reports









Questions?





Scenario





You are enjoying your Victoria Day long weekend and decide to go for a boat ride. You are passionate about the outdoors and never leave without your camera

You enter a nearby bay and see a plant you recognize as Water Soldier from attending a workshop on invasive species. You take a picture of plant, then reach in and pull out a piece to get a closer look.

When you return home you submit your report to EDDMapS Ontario.



EDD MapS Ontario

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sign out

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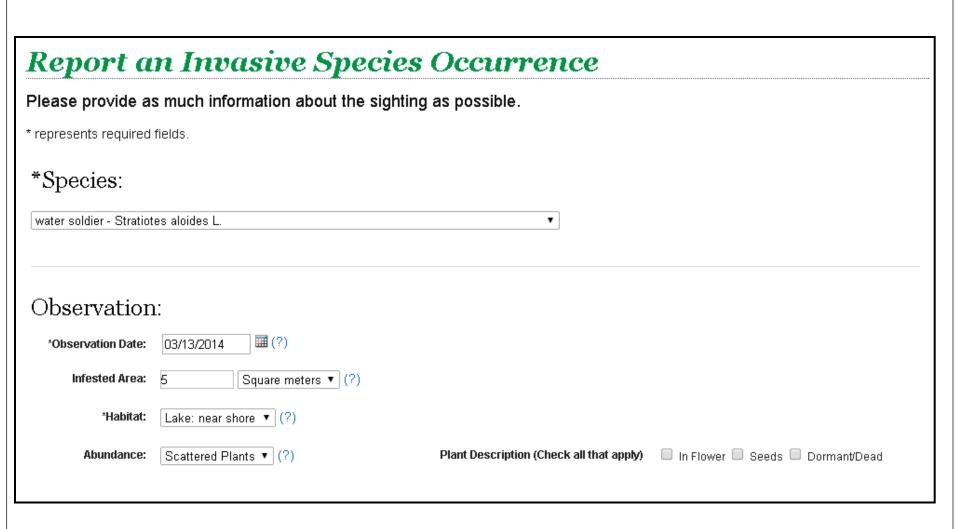


My EDDMapS



Website Developed by: The University of Georgia Center for Invasive Species and Ecosystem Health

2360 Rainwater Road Tifton, GA 31793-5766



Location: To choose a point on the map, click and drag the marker to the sighting location. Jurisdiction: Municipality of Trent Hills Once chosen the map will zoom into chosen location 44.39516 *Latitude: Map Satellite Must be expressed in Decimal Degrees (XX.XXXX) and DATUM NAD83/WGS84. -77.87985 *Longitude: Must be expressed in Decimal Degrees (XX.XXXX) and DATUM NAD83/WGS84. Lucky Str Cottages Jump to Point 2474-2728 County Road 42, Havelock, ON KOL 120, Canada Location Description: Waterbody name Steam (if known) Mill Island Google Map data @2014 Google Terms of Use Report a map error Marker status: Drag ended Lat/Long Conversion Tools: Convert from UTMs Convert from DMS Convert from DM

Upload Images with Your Report:

For verification purposes, take at least two digital images, a close up of the species and one of the site. All photos uploaded to EDDMapS Ontario may be used by the Invading Species Awareness Program for Educational and Promotional Purposes.

lmage:	Choose	File Watersoldier.jpg (.jpg, < 4 mb)	
	Caption:	Water Soldier Plant (Provide as much detail as possible. Do not include personal information. All information entered in this field will be displayed publicly. If the photo is not yours, please ensure you have permission to upload the photo to EDDMapS Ontario.)	
lmage:	Choose	File P7220107.JPG 4 mb)	
	Caption:	Water Soldier up close (Provide as much detail as possible. Do not include personal information have permission to upload the photo to EDDMapS Ontario.) **Tools Help** **Address** G:\WaterSoldier Pictures** **Address** G:\WaterSoldier Pictures**	. 🗆 🗴
lmage:	Choose	File P7220093.JPG (.jpg, < 4 mb)	
	Caption:	Water Soldier in water (Provide as much detail as possible. Do not include personal information. All information have permission to upload the photo to EDDMapS Ontario.) Watersoldier.jpg Watersoldier.jpg	
lmage:	Choose	File No file chosen (.jpg, < 4 mb)	
	Caption:	(Provide as much detail as possible. Do not include personal information. All information have permission to upload the photo to EDDMapS Ontario.)	
lmage:	Choose	File No file chosen (.jpg, < 4 mb)	
	Caption:	(Provide as much detail as possible. Do not include personal information. All information have permission to upload the photo to EDDMapS Ontario.)	

Additional Information:					
Protocol Used:	Select One ▼				
Specimen Collected:	● Yes ○ No				
Specimen Location:	In a bucket at my house (?)				
Additional Comments:(?) Please include any additional information not	given above. Do not include personal information. All information entered in this field will be displayed publicly.				
	Report				

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Thank You for Your Submission

Your report has been forwarded to the OFAH/OMNR Invading Species Awareness Program for review. Your report will not be displayed on EDDMapS until it has been verified. Please contact us at 1-800-563-7711 or eddmaps@ofah.org if you have any questions.

Your Record ID is 3136685

View this Record in EDDMapS

Manage Your Records

Return to Submission Form

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