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NY Natural Heritage Program



Our mission is to facilitate conservation of New York's biodiversity by providing comprehensive information and scientific expertise on rare species and natural ecosystems to resource managers and other conservation partners.

Partnership between NYS DEC and SUNY ESF

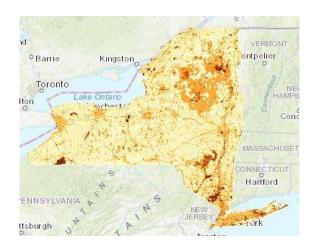
www.nynhp.org

Invasive Species Database Program





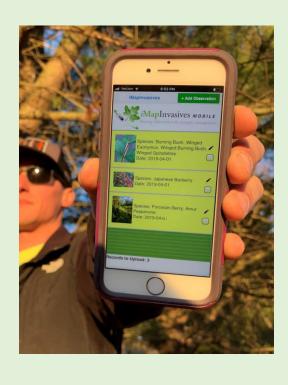




Spatial Prioritization Models

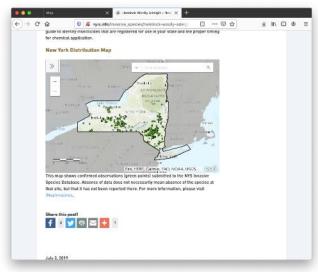
iMapInvasives as the NYS Invasive Species Database

iMapInvasives is an online and mobile, GIS-based data management system used to support state agencies, conservation partners, and the public working on invasive species issues.





Species Distributions and Reports



Web Map Services



Early Detection
Alerts



Tracking Control Efforts and Results





PRISMs

Partnership for Regional Invasive Species Management

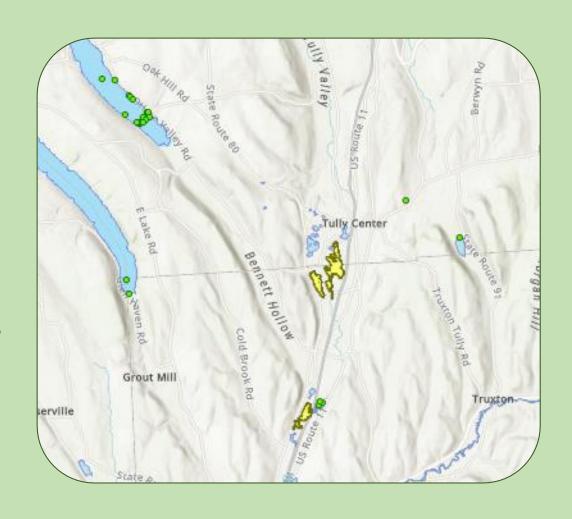
- APIPP Adirondack Park Invasive Plant Program
- Capital Region
- CRISP Catskill Regional Invasive Species Partnership
- Finger Lakes
- Lower Hudson
- LISMA Long Island Invasive Species Management Area
- SLELO Saint Lawrence and Easter Lake Ontario
- Western NY

Learn more: nyis.info/prisms

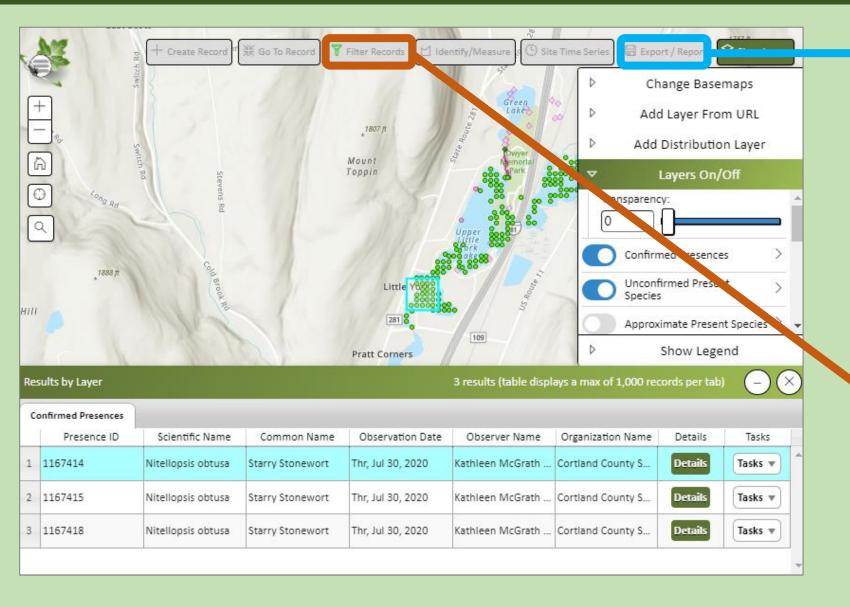


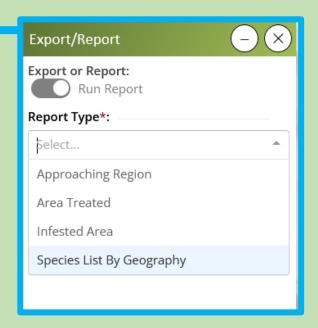
iMap as a tool for Lake Associations

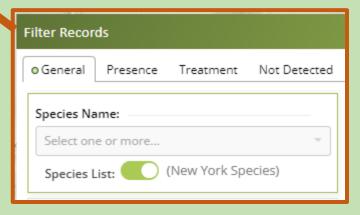
- 1. What's in your lake?
- 2. What's on the horizon?
 - Email alerts
 - Tiers list
 - Approaching Region Reports
- 3. Documenting infestations



Explore the data in and around your Lake







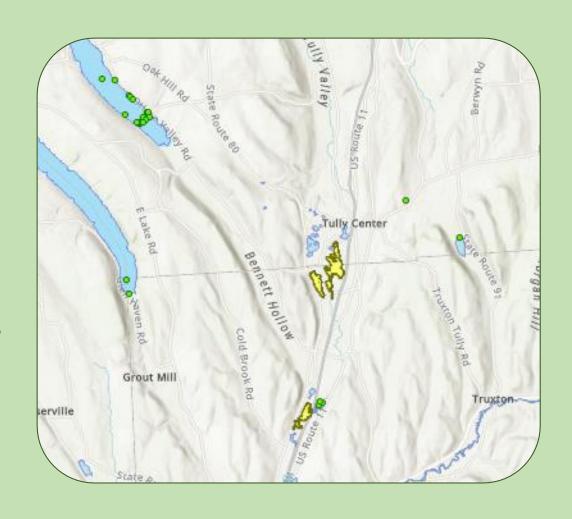
Species List report

Scientific Name	Common Name	Confirmed Count	Unconfirmed Count	Approximate Count	Species Total
Dreissena polymorpha	Zebra Mussel	-	1	-	1
Myriophyllum heterophyllum	Variable Watermilfoil; Broadleaf Watermilfoil	15	2	-	17
Myriophyllum spicatum	Eurasian Water-milfoil	12	-	3	15
Nitellopsis obtusa	Starry Stonewort	113	-	1	114
Orconectes rusticus	Rusty Crayfish	-	1	-	1
Potamogeton crispus	Curly Pondweed	-	-	1	1
TOTAL	Siab City	140	4	5	149

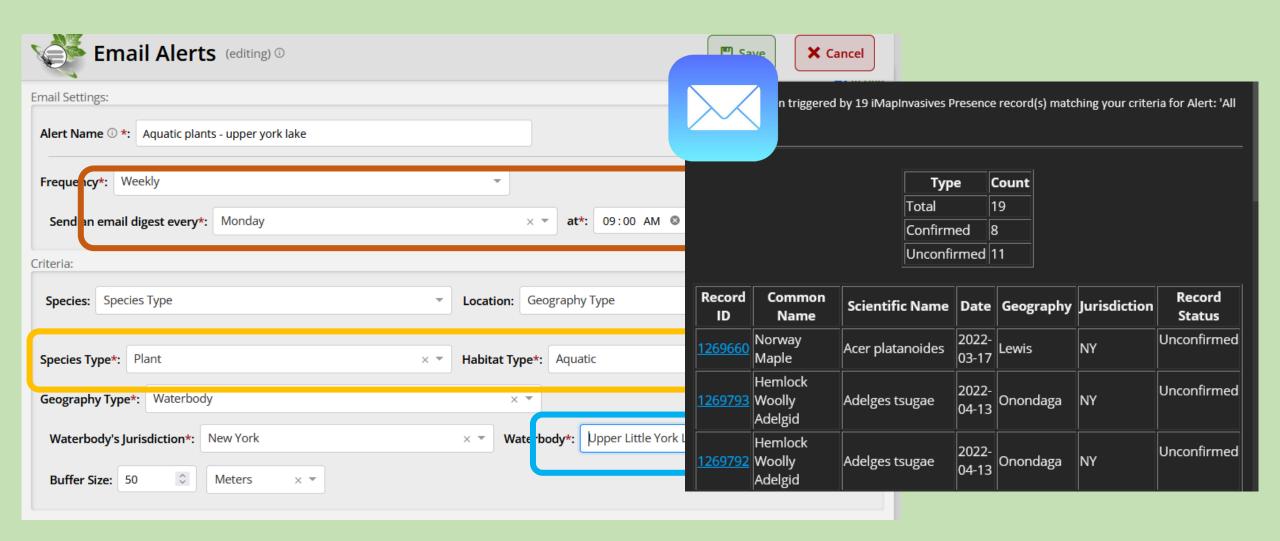
www.imapinvasives.org/reports

iMap as a tool for Lake Associations

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Email alerts



www.imapinvasives.org/email-alerts

Species Tiers List

nynhp.org/invasives/species-tiers-table/

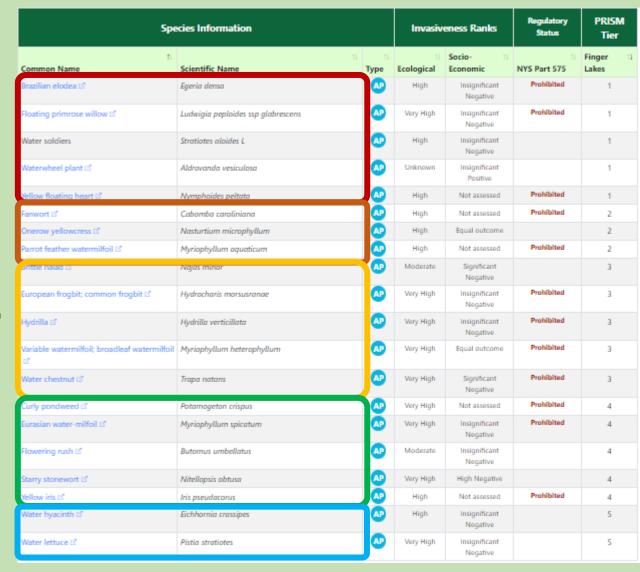
Tier 1: "prevention"

Tier 2: "eradication"

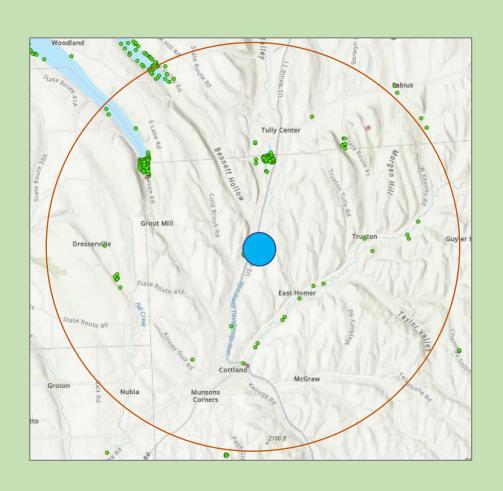
Tier 3: "containment"

Tier 4: widespread

Tier 5: "research species"



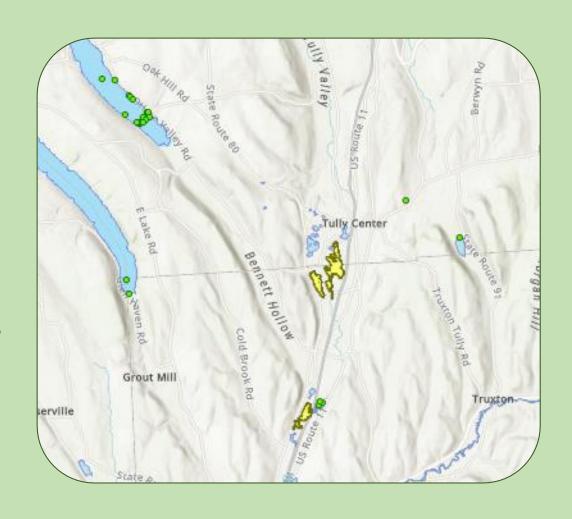
Approaching Region Reports



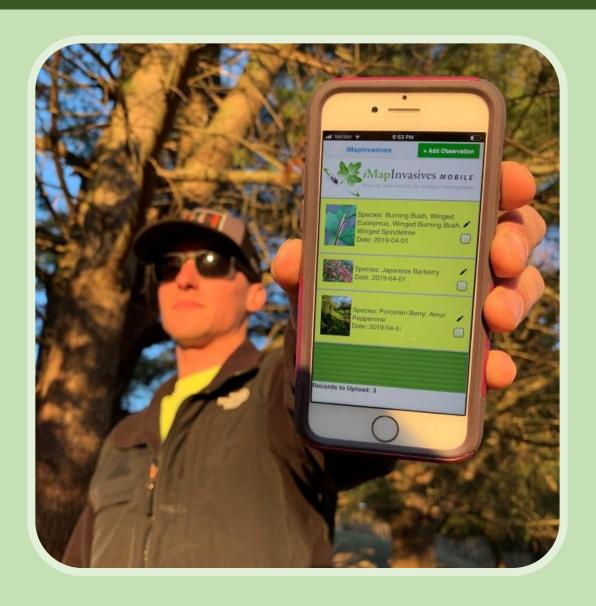
Scientific Name	Common Name	Confirmed Count	
Alosa pseudoharengus	Alewife		5
Butomus umbellatus	Flowering rush		1
Carassius auratus	Goldfish		3
Corbicula fluminea	Asian Clam		4
Cyprinus carpio	Common Carp		40
Dreissena bugensis	Quagga Mussel		12
Najas minor	Brittle Naiad		3
Nasturtium officinale	Watercress		1
Scardinius erythrophthalmus	Rudd		3
TOTAL		71	

iMap as a tool for Lake Associations

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Reporting to iMapInvasives



- Tools that I showed rely on the data in iMapInvasives
- Keeps information on your lake up-to-date, in one place
- Most efficient way to get information in the hands of PRISMs, etc.
- Helps inform regional management strategies
- *Tracking treatment efforts*

Take home messages

First steps

- 1. Log into iMapInvasives
- 2. Set up email alert for your lake
- 3. Report an observation

Next steps

- 4. Check your region's tier list
- 5. Create two reports for your lake
 - Species list by geography
 - Approaching region (20km)

Self-guided training materials, and upcoming webinars and events:

<u>nyimapinvasives.org/training</u> *Monthly webinars – last Wed, 1pm*





Sharing information for strategic management



@nyimapinvasives

Email: <u>imapinvasives@dec.ny.gov</u>

Website: <u>nyimapinvasives.org</u>