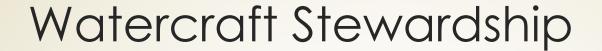
WNY PRISM – Updates, Discussions & News

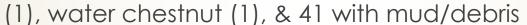


 Hosted 2 Watercraft Stewards – Cuba Lake and Tonawanda Creek/Erie Canal sites (West Canal)

Watercraft Stewards conducted 1821 surveys (2301 boats)

898 had no previous contact or awareness of Boat Stewards

 Invasive species found: curly leaf pondweed (20), Eurasian watermilfoil (20), variable-leaf milfoil (3), elodea (2), Brazilian elodea (1), zebra mussel







Education & Outreach

- 36 events, 8 counties, 2,200 direct contacts, 37,000 attendees
- Distributed 1200 pieces of outreach materials to partners
- eNewsletters, partner newsletters, TV, newspapers, radio
- New and updated outreach materials
- WNY PRISM region hosted the most ISAW events in 2018 36
- → Boot Brush Stations

Erie County Parks – Red Jacket & Bailey Peninsula; Zaefel Nature Center;
Niagara Escarpment Preserve; North Tonawanda Audubon Preserve





Early Detection Site Monitoring - 2018

- 13 Total Sites
- Japanese Stiltgrass (2)
 - East Aurora (Private Landowner) first reported 2017, ~ 6 acres
 - East Aurora (Cemetery) found during site assessment for 2017 report
- Water Hyacinth (7)
 - Ransom Creek 3
 - Unity Island
 - Ellicott Creek
 - Oppenheim Park
 - Bull Creek
- Water Lettuce (2)
 - Clarence (Private Landowner)
 - Ellicott Creek
- Mile-a-Minute (2)
 - Oak Orchard WMA DEC
 - Olean (Private Landowner)



Outreach

- Mile-a-Minute
 - 200 post cards sent to residents within 2.5 miles of Oak Orchard infestation
 - Attended Orleans County Fair
- Japanese Stiltgrass
 - >3500 post cards sent to Town of Aurora and Village of East Aurora residents
 - Received 7 responses





New Detections (confirmed)

- Mile-a-Minute private Landowner adjacent to Oak Orchard
- Japanese Angelica Tree Lake Erie State Park
- Japanese Stiltgrass
 - American Legion VFW
 - Hunter's Creek County Park (Wales Erie County Parks)
 - Majors Park (Town of Aurora)
 - Emery Park (South Wales Erie County Parks)
 - Allegany State Park
 - Whalen Memorial State Forest (Chautauqua County DEC)
- Water Hyacinth
 - Tonawanda Creek/Erie Canal
- Water Lettuce
 - Ellicott Creek (2 sites)





WNY PRISM Priority Species Lists

- Priority lists were developed by WNY PRISM Working Groups in 2015
- List are used...
 - To prioritize survey, planning, removal and E&O efforts
 - To influence statewide programs
 - As criteria for the WNY PRISM Crew Assistance Program
- Watchlist/Approaching Region priority list has been identified as a regional need



Terrestrial Priorities

- 1. Adelges tsugae
- 2. Agrilus planipennis
- 3. Cirsium arvense
- 4. Cynapchum Iouiseae
- 5. Cyhanchum rossicum
- 6. Konicera spp.
- 7/ Phalaris arundinacea
- 8. Phragmites australis
- 9. Reynoutria spp.
- 10. Rhamnus cathartica

Hemlock Wooly Adelgid

Emerald Ash Borer

Canada Thistle

Black Swallow-wort

Pale Swallow-wort

Bush Honeysuckles

Reed Canarygrass

Phragmites, Common Reed

Knotweeds

Common Buckthorn

Aquatic Priorities

- 1. Corbicula fluminea
- 2. Hemimysis anomala
- 3. Hydrilla verticillata
- 4. Hydrocharis morus-ranae
- 5. Orconectes rusticus
- 6. Scardinius erythrophthalmus
- 7. Trapa natans

Asian Clam

Bloody Red Shrimp

Hydrilla

European Frog-bit

Rusty Crayfish

Rudd

Water Chestnut

Early Detection Priorities (2015)

- 1. Anoplophora glabripennis
- 2. Brachypodium sylvaticum
- 3. Channa argus
- 4. Eichhornia crassipes
- 5. Hypophthalmichthys molitrix
- 6. Hypophthalmichthys nobilis
- 7. Microstegium vimineum
- 8. Persicaria perfoliata
- 9. Pistia stratiotes

Asian Longhorned Beetle ----Not Yet In Region

Slender False Brome

Northern Snakehead ----Not Yet In Region

Water Hyacinth

Silver Carp ----Not Yet In Region

Bighead Carp ----Not Yet In Region

Japanese Stiltgrass

Mile-a-Minute Vine

Water Lettuce

Early Detection Priorities - updated

- 1. Aralia elata
- 2. Brachypodium sylvaticum
- 3. Eichhornia crassipes
- 4. Microstegium vimineum
- 5. Persicaria perfoliata
- 6. Pistia stratiotes

Japanese Angelica Tree

Slender False Brome

Water Hyacinth

Japanese Stiltgrass

Mile-a-Minute Vine

Water Lettuce



Watchlist

- 1. Aldrovanda vesiculosa
- 2. Ampelopsis brevipedunculata
- 3. Anoplophora glabripennis
- 4. Channa argus
- 5. Hypophthalmichthys molitrix
- 6. Hypophthalmichthys nobilis
- 7. Impatiens glandulifera
- 8. L/corma delicatula
- 9. Nymphoides peltata
- 10. Oplismenus undulatifolius

Waterwheel

Porcelain Berry

Asian Longhorned Beetle

Northern Snakehead

Silver Carp

Bighead Carp

Himalayan Balsam

Spotted Lanternfly

Yellow Floating Heart

Wavyleaf Basket Grass



Honorable Mentions...

1. Actinidia arguta

Hardy Kiwi

2. Cabomba caroliniana

Carolina Fanwort

3. Egeria densa

Brazilian Elodea

4. Pueraria montana var. lobata

Kudzu

Spotted Lanternfly

- Confirmed detections
 - 8/17; Colonie, NY; Single Adult
 - 9/1; Penn Yan; Single Adult
- Commercial vehicle inspections
 - 9/19; single dead adult found, arriving from PA Quarantine Area
- External Quarantine effective 9/20 strengthens NYS ability to restrict imports across state lines.
- DAM staff conducting tree of heaven surveys in high risk areas
- Tree of heaven/host preference research ongoing
- New outreach materials





WNY PRISM 2019 - 2023

- 5-year contract
- Updating Strategic Plan
- Watercraft Inspection Program
 - AIS Programs Manger
 - 20-25 Boat Stewards
- Education & Outreach Programs
 - Programs Manager
 - Establish greater presence
 - Citizen Science programs







Department of Environmental Conservation



