



WNY PRISM – Updates, Discussions & News

Watercraft Stewardship

- ▶ 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 (1), water chestnut (1), & 41 with mud/debris



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



Landowners Beware!
Mile-a-minute vine (*Persicaria perfoliata*) is on the loose in your area!

Mile-a-minute vine
• Highly aggressive invasive plant from Asia
• Aerial vine that can reach over 20 feet long in one year
• Outcompetes native species, causing negative economic and ecological impacts
• Invading Orleans and Orleans Counties; birds may carry berries to other locations

Three Main Identifying Characteristics:

- 1 Broad triangular leaves (1-3 inches wide)
- 2 Saucer shaped leaves called ocrea (collar/garden buffer)
- 3 Backwards curved prickles along the stem

• In summer, induscent fruit open from green to metallic blue (0.25 inch diameter)

GREAT LAKES CENTER
BURNHILL HALL - The State University of New York

NEW YORK STATE

WNY PRISM



Keep a Look Out

for Japanese Stiltgrass



Japanese stiltgrass is an invasive species recently found near you. It spreads rapidly, resulting in loss of wildlife habitat and native plant communities.

Silver mid-rib

Japanese stiltgrass leaves are pale green with a distinctive, off-center, silver mid-rib.

Help Stop the Spread!

Look for Japanese stiltgrass. If you find it, report it!
Contact WNY PRISM at wnyprism@buffalostate.edu or 716-878-4708.

WNY PRISM

Partnering to Protect Western New York from Invasive Species

For more information visit: www.wnyprism.org
SAMC 319 - 1300 Elmwood Avenue - Buffalo, NY, 14223

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* Hemlock Woolly Adelgid
2. *Agrilus planipennis* Emerald Ash Borer
3. *Cirsium arvense* Canada Thistle
4. *Cynanchum louiseae* Black Swallow-wort
5. *Cynanchum rossicum* Pale Swallow-wort
6. *Lonicera spp.* Bush Honeysuckles
7. *Phalaris arundinacea* Reed Canarygrass
8. *Phragmites australis* Phragmites, Common Reed
9. *Reynoutria spp.* Knotweeds
10. *Rhamnus cathartica* Common Buckthorn

Aquatic Priorities

1. *Corbicula fluminea* Asian Clam
2. *Hemimysis anomala* Bloody Red Shrimp
3. *Hydrilla verticillata* Hydrilla
4. *Hydrocharis morus-ranae* European Frog-bit
5. *Orconectes rusticus* Rusty Crayfish
6. *Scardinius erythrophthalmus* Rudd
7. *Trapa natans* 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* Japanese Angelica Tree
2. *Brachypodium sylvaticum* Slender False Brome
3. *Eichhornia crassipes* Water Hyacinth
4. *Microstegium vimineum* Japanese Stiltgrass
5. *Persicaria perfoliata* Mile-a-Minute Vine
6. *Pistia stratiotes* Water Lettuce



Watchlist

1. *Aldrovanda vesiculosa* Waterwheel
2. *Ampelopsis brevipedunculata* Porcelain Berry
3. *Anoplophora glabripennis* Asian Longhorned Beetle
4. *Channa argus* Northern Snakehead
5. *Hypophthalmichthys molitrix* Silver Carp
6. *Hypophthalmichthys nobilis* Bighead Carp
7. *Impatiens glandulifera* Himalayan Balsam
8. *Lycorma delicatula* Spotted Lanternfly
9. *Nymphoides peltata* Yellow Floating Heart
10. *Oplismenus undulatifolius* 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**

