WNY PRISM
FALL PARTNER MEETING
2017

Thursday, October 5, 2017
Iroquois National Wildlife Refuge
9:00 – 11:00 am
PRISM News & Updates

Staff

• Invasive Species Management Assistants (finished up)
• ESF/DEC Survey & Monitoring Intern (finished up)
• Education & Outreach Assistant finishes next week (10/13)
• Hired Project Manager – Lucy Nuessle
• Currently hiring Slender False Brome Manager

Program

• WNY PRISM NCTE was approved by DEC – funding through 2018
PRISM News & Updates

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2017 Field Season – removal projects

- Niagara Escarpment Preserve
- Seneca Bluffs
- Audubon Community Nature Center
- Tifft Vernal Pools
- Woodlawn Beach State Park
- North Tonawanda Audubon Nature Preserve
- College Lodge
- Bergen Swamp
- Niagara County Knotweed
2017 Field Season – volunteer workdays

- Common buckthorn removal at North Tonawanda Audubon Nature Preserve
- Mugwort removal at Kenneglen
- Yellow flag iris removal at Fuhrman Fen
- Japanese barberry & multi-flora rose at Franklin Gulf County Park
- Native planting at Seneca Bluffs
2017 Field Season - outreach

- Party for the Planet – Buffalo Zoo
- Farmers’ Markets
  - Lockport
  - Salamanca
  - Genesee County
- Orleans County Fair
- Insectival – Tifft
- Clarence Hollows Monarch Release
- Fall Festival Reinstein Woods
- ALB Tagging Events
iMapInvasives

• 695 Observations
• 8 Counties
• 59 Species
• WNY PRISM – 9 projects

WNY PRSIM Crew surveys Chautauqua Watershed Conservancy Greenway Outlet Preserve.
Photo Credit: WNY PISM.
Early Detection Program

- 2nd year monitoring
- 16 Sites
- 2 new sites in 2017
  - 1 Japanese Stiltgrass
  - 1 Water Hyacinth
- Sites clear, with exceptions for slender false brome and new sites

<table>
<thead>
<tr>
<th>Species</th>
<th>Common Name</th>
<th>First Observed</th>
<th>County</th>
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<tr>
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<td>Water Hyacinth</td>
<td>1/1/2000</td>
<td>Niagara</td>
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<td>Water Hyacinth</td>
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<td>Erie</td>
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<td>9 Eichhornia crassipes</td>
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<td>9/3/2008</td>
<td>Cattaraugus</td>
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<td>Water Lettuce</td>
<td>3/5/2010</td>
<td>Erie</td>
</tr>
<tr>
<td>16 Pistia stratiotes</td>
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Slender False Brome

- Melissa Rivelis and Chenga Drury – ESF/DEC Invasive Species Monitoring Interns

Slender false brome survey interns at Drew’s Nature Preserve. Photo Credit: WNY PISM.
WNY PRISM Sites

Genesee County
- Genesee County Park & Forest
- Drew’s Nature Preserve
- Iroquois National Wildlife Refuge
- Tonawanda Wildlife Management Area
- Darien Lake State Park
- Oak Orchard WMA
- Dewitt County Recreation Facility
- Trestle Park
- Bergen Swamp *

Erie County
- Erie County Bureau of Forestry Park
- Akron Falls
- Boston Forest
- Chestnut Ridge
- Como Lake
- Eighteen Mile Creek
- Emery Park
- Isle View
- Sergeant Mark A. Rademacher Mem. Park
- Sprague Brook
- Knox Farm State Park

* Not surveyed as part of this project
WNY PRISM Sites

**Wyoming County**
- Beaver Meadow Audubon Center
- Ghost Pond Preserve
- Rose Acres
- Silver Lake State Park
- Carlton Hill MUA
- Letchworth State Park**
- Genesee Valley Greenway State Park

**Monroe County**
- Northhampton Park
- Black Creek Park
- Oatka Creek Park
- Durand Eastman Park
- Mendon Ponds
- GH-Private Landowner

**FL-PRISM Sites**

**Surveyed by Parks, used project protocol**
Brachypodium Distribution in New York by County

Brachypodium data collected by Melissa Rivera at:
Genesee County Park & Forest (East Bethany)
Drew’s Nature Center (Bergen)
Trissel Park (Byron)
and a private property (Sweden)

County boundaries provided by NYS Clearringhouse

Legend:
- Single plant/clump
- Scattered plants/clumps
- Dense plants/clumps
- Dense throughout

Map produced by Jared Lucey August 2017
Western New York Partnership for Regional Invasive Species Management
Brachypodium Infestation in Genesee County Park & Forest
11095 Bethany Ctr. Rd., E Bethany, NY 14054

Map Features

Data Sources:
Brachypodium locations collected by Melissa Swels
Trail data provided by the Genesee County Dept. of Planning
Stream data provided by the NYS/ITS GIS Program Office

WNY PRISM Sites
Slender False Brome Working Group

- EPA – Great Lakes Restoration Initiative Grant: Great Lakes Slender False Brome Working Group
  - Improved coordination of efforts
  - Dedicated website
  - Improved information on presence and distribution
  - Identification (or development) of Best Management Practices
  - Rapid Response Protocol
  - Strategic Plan for management
  - Develop outreach materials
- Currently accepting applications for Project Manager

Herbarium specimens were collected at each site as part of 2017 summer surveys. Photo Credit: WNY PISM.
Upcoming

- Finalizing resources pdf’s for contractors, native plant materials suppliers, and private lands programs
- Updates to species profiles on website
- Municipalities Toolkit
- Management Summaries
- Early Detection Program Report
- Approaching Region/Watch List Species
- TIS & AIS Working Groups – priority species tiers
- Management Planning Workshop
- 2018 Planning
Upcoming Meetings & Events

- WNY Emerald Ash Borer Taskforce Meeting
  - October 12, 2017; 9:00 am; Cheektowaga

- Great Lakes Restoration Conference – Healing Our Waters
  - October 17 – 19, 2017; Buffalo

- CCE In-Service – Invasive Species Track
  - November 13 – 15, 2017; Ithaca
New York State Updates

• Animal Assessments Report will be received this year
• USFS funds have been allocated to support Kudzu management – plans are still forming
• Hydrilla control efforts continue in the Croton River
  • Treatment expected later this month
  • Continuing surveys
  • Outreach has targeted yacht clubs
Invasive Species Research Institute

- New Post-Doc, Jennifer Lynn Price Tack, has started and will be working on prioritization and modeling
- Held eDNA workshop last month with over 80 attendees
- Biocontrol for swallow-wort has been approved
- Climate change issues have been at the forefront
- Please make updates to the expert database and provide feedback to ISRI

www.nyisiri.org
iMapInvasives

• iMap version 3
  • Contractor selected, work to begin soon
  • NY User Interface Review Team formed

• Prioritization
  • Species Tiers
  • Spatial Models – combining ecological significance with risk of spread

• Data Contributions
  • 4400 reports for 164 species
    • 2700 from mobile app, 370 contributors
  • 750 plant assessments
Statewide PRISM Updates

- **APIPP**
  - Released series of videos on management – phragmites and japanese knotweed released in September
  - Continue to partner with Paul Smith’s College Adirondack Aquatic Invasive Species Prevention Program, successfully intercepted hydrilla on July 29

- **CAP-MO**
  - Giant hogweed removal – 2 sites, 122 plants (down from 182 in 2016)
  - Starry stonewort confirmed in north end of PRISM
  - Staff included 2 watercraft stewards, 1 E&O, AIS Coordinator, and will be hiring a TIS

- **CRISP**
  - ALB Outreach
  - Mile-a-minute found within the park, did a mailing to 6200 residents, did pulls on all nine properties and surveyed adjacent areas
  - Beginning Strategic Planning
Statewide PRISM Updates

- **FL-PRISM**
  - Collaborated to remove 22,000 pounds of water chestnut
  - Received funding from GLRI-EPA for Starry Stonewort Collaborative

- **LIISMA**
  - Josh Rudder has joined LIISMA as the new coordinator

- **LH-PRISM**
  - Treating multiple *salvia glutinosa* (sticky sage) populations
  - Early detection/rapid response crew completed treatment of slender false brome, small carpetgrass, and silver vine

- **SLELO**
  - Cultural impact study has been launched
  - Rusty crayfish found in Oneida Lake
  - Continuing focus on eDNA program/collection efforts