



















# Prevention, Monitoring, and EDRR • Many programs to monitor for key AIS • Citizen science programs • Watercraft steward programs • Hydrilla hunters training • AIS training and mapping • AIS Strike teams • And more! • What is an effective response plan? Programs and funding to increase capacity

## 2017 Funding and Projects S40,000 awarded from US. Forest Service from GLRI funds on Ganondagan Historic Site (2017-2019) S39,999 awarded from US. Forest Service from GLRI funds for invasive species control on Finger Lakes National Forest (2017-2019) S900,000 awarded for two EPA GLRI proposals (1) control Hydrilla in Aurora and (2) establish a Starry Stonewort collaborative (2017-2019) S1M in funding for IS this FY\* Greatly increase the capacity of FL-PRISM to address IS in FL \*Does not include in-kind contributions like volunteer hours















			Invasive Specie					
				fion / Cost of Control PRISM plus Buffer)	r.			
		None in PRISM	Low (Endication/ Full containment may be feasible)	Medium (Strategic management to contain infectations and slow spread in PRISM)	High (Established/widespread in PRISM; only strategic localized management)			
mpact (current and tunie)	Very High or High	TEER 1 Early Detection/Prevention Haylor based of sally detections survey effects. Possible conduct defended on surveys and surveys and surveys and surveys and surveys and surveys and to Counties Ferride and Buffers, but done passes hours foundaries. John models ferride and buffers, but done passes hours foundaries. John models ferride and buffers just in earl Possible but missistering parties are surveys.	TER 2 Epicle Test of early directive required, others, high input parties with the energy others, high input parties with the energy directive and other testing and other and other to reade an electric buddle with the TERM, these of administrative records to determine entered.	TIER 3 Contributorserit Target devine(in management to show the spread, on block two solvenessed for evaluation, but may somewhite proposition of the strike of the solvenessed for places, use the MPOON. Treadle evaluations are the MPOON. Treadle evaluations and other solvenessed for places, use the MPOON. Treadle evaluations are the MPOON. Treadle evaluations and effective control mathods evaluation.	THE 4 Local Control Local Control Localization from PRIM and healthle, force, localized management over time to contain exclude, or supervise to protect high procurers. We are species or recreation assets. Be stronger when deciding if / when the contest.			
and form			e of the other lists. If this species could headly elance. If too little is known, consider moving t					
Sum .	Unknown	х	TIES 3.  Monitories (Institute of the Institute of Institute					

		NYS		Neogobius melanostomus	Round Goby	Н	
Scientific Name	Common Name	Rank	Status	Trapa natans	Water Chestnut	VH	
Aldrovanda vesiculosa	waterwheel		1	Adelges tsugae	Hemlock woolly adelgid	Н	
geria densa	Brazilian waterweed		1	Brachypodium sylvaticum	Slender Falsebrome	VH	
Sambusia affinis	Western Mosquitofish	VH	1	Cynanchum Iouiseae	Black Swallowwort	VH	
Sambusia holbrooki	Eastern Mosquitofish	VH	1	Cynanchum rossicum	Pale Swallowwort	VH	
	Floating primrose-willow,			H. mantegazzianum	Giant Hogweed	Н	
udwigia peploides	creeping water primrose parrotfeather, Brazilian	VH	1	Microstegium vimineum	Japanese Stiltgrass	VH	
Ayriophyllum aquaticum	milfoil		1	Butomus umbellatus	Flowering Rush	н	
lymphoides peltata	Yellow Floating Heart	н	1	Cercopagis pengoi	Fishhook Water Flea	VH	
otamopyrgus				Cipangopaludina chinensis	Chinese Mystery Snail	VH	
ntipodarum	New Zealand Mud Snail	Н	1	Corbicula fluminea	Asian Clam	Н	
Anoplophora glabripennis		Н	1	Dreissena polymorpha	Zebra Mussel	VH	
	spotted lanternfly		1	D. rostriformis bugensis	Quagga Mussel	VH	
	beech leaf disease		1	Hemimysis anomala	Bloody Red Shrimp	н	
	thousand canker disease		1	Myriophyllum spicatum	Eurasian Watermilfoil	VH	
Cabomba caroliniana	Fanwort	Н	2	Najas minor	Brittle Naiad, brittle waternymph	н	
M. anguillicaudatus	Oriental Weatherfish	VH	2	Nitellopsis obtusa	starry stonewort		
Euphorbia esula	Leafy Spurge	Н	2	Orconecte rusticus	Rusty Crayfish	н	
Persicaria perfoliata	Mile-a-MinuteWeed	VH	2	Potamogeton crispus	Curly Leaf Pondweed	н	
	oak wilt		2	Agrilus planipennis	Emerald Ash Borer	VH	
	poreceleinberry		2	Reynoutria japonica	Japanese Knotweed	VH	
ardimine	impatients		2	Ficaria verna	Lesser celandine, fig buttercup	VH	
Bithynia tentaculata	Faucet Snail	Н	3	Lythrum salicaria	Purple Loosestrife	VH	
3. Cederstroemi	Spiny Water Flea	VH	3	Ly circuit suitalla	Jumping worms	*	
Hydrilla verticillata	Hydrilla	VH	3		tree of heaven		
Hydrocharis morsus-ranae		VH	3		privet		
Myriophyllum neterophyllum	Variable-Leaf Watermilfoil	VH			wild narsnin		

### Increasing Networking (examples) Working Groups: • Brachypodium Working Group • Statewide Hydrilla Calls • Hydrilla Task Force for Cayuga Lake, Aurora

### Project Meetings/Conference/Presentations

- ISAC Comprehensive Management Plan Workshop, August, 2017
- USACE Starry Stonewort Meeting, Oconomowoc, WI, Sept. 2017
- Great Lakes Meeting Presentation, Ann Arbor, MI, Nov. 2017
- Cornell In-service Presentation, Ithaca, NY, Nov 2017
- NEAPMS Conference, New Castle, NH, January 2018
- USACE Meeting/tour of lab facility, Vicksburg, MS, January 2018



### Content Strategy for FLPRISM Recommendations

- 1. Formalize partnerships2-3 categories
  - Clear benefits/duties
- 2. Develop content strategy
- Define audience and
- Define audience and segments
- Sources, subjects, streamsCreate syndication/affiliate
- Create syndication/affiliat program (endemics, general media)
- Multiple content-types (text, images, video, etc.)
- 3. Establish best practices program
  - Clearinghouse operations
  - Recommended standards of operation
- 4. Implement monthly dashboard
  - Focus on reach and engagement
  - Target 50% increase in social media likes over 12 months (to build reach)
  - Target 5x reach, 2x engagement
  - Target 2x page views on site



### Finger Lakes Management Strategies • We cannot afford a 'sit and wait' tactic to invasive species mgmt • Proactive approach -best chance at the lowest cost- but are we just putting out fires? • Education and outreach- key to a successful program • How to allocate resources? • Many impediments and gaps in engagement Many Hands Make Light Work





