

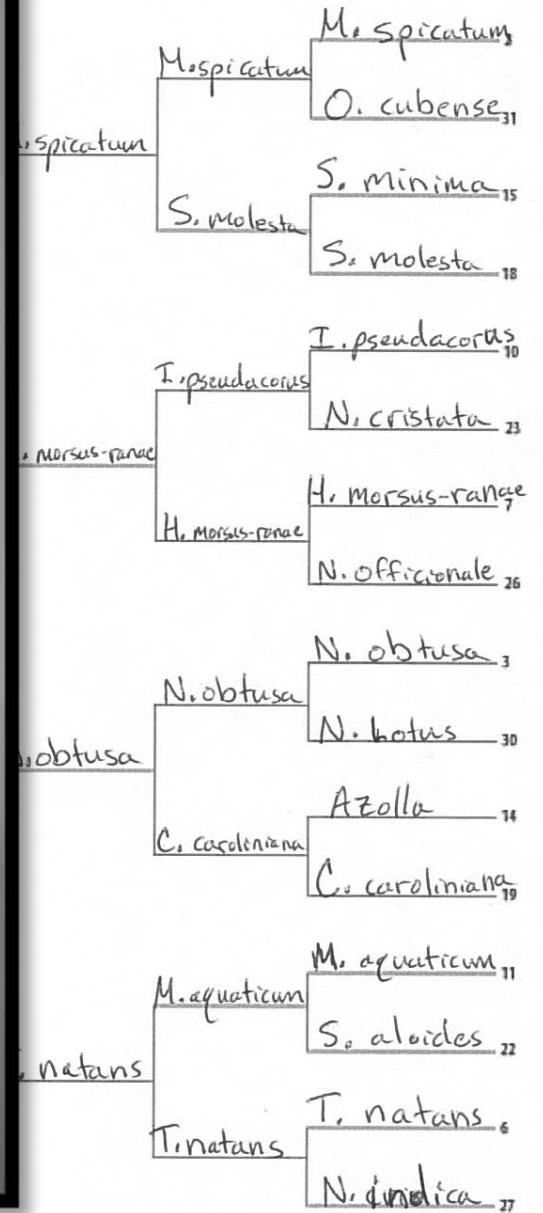
Hydrilla Project Update

Ohio AIS Committee Meeting

Mark Warman
Hydrilla Project Coordinator

5-14-2018





Cleveland Metroparks Hydrilla Management



Greathouse Wetlands, West Creek Reservation, Parma, Ohio 2011

Hydrilla infestations

- High Retention Sites
- Accidentally moved w/ *P. cordata*
- Treated by CM in 2011

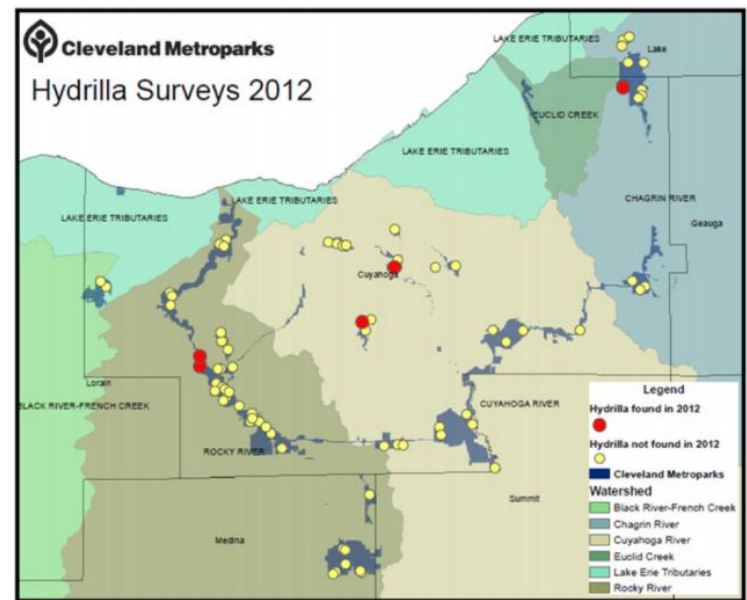


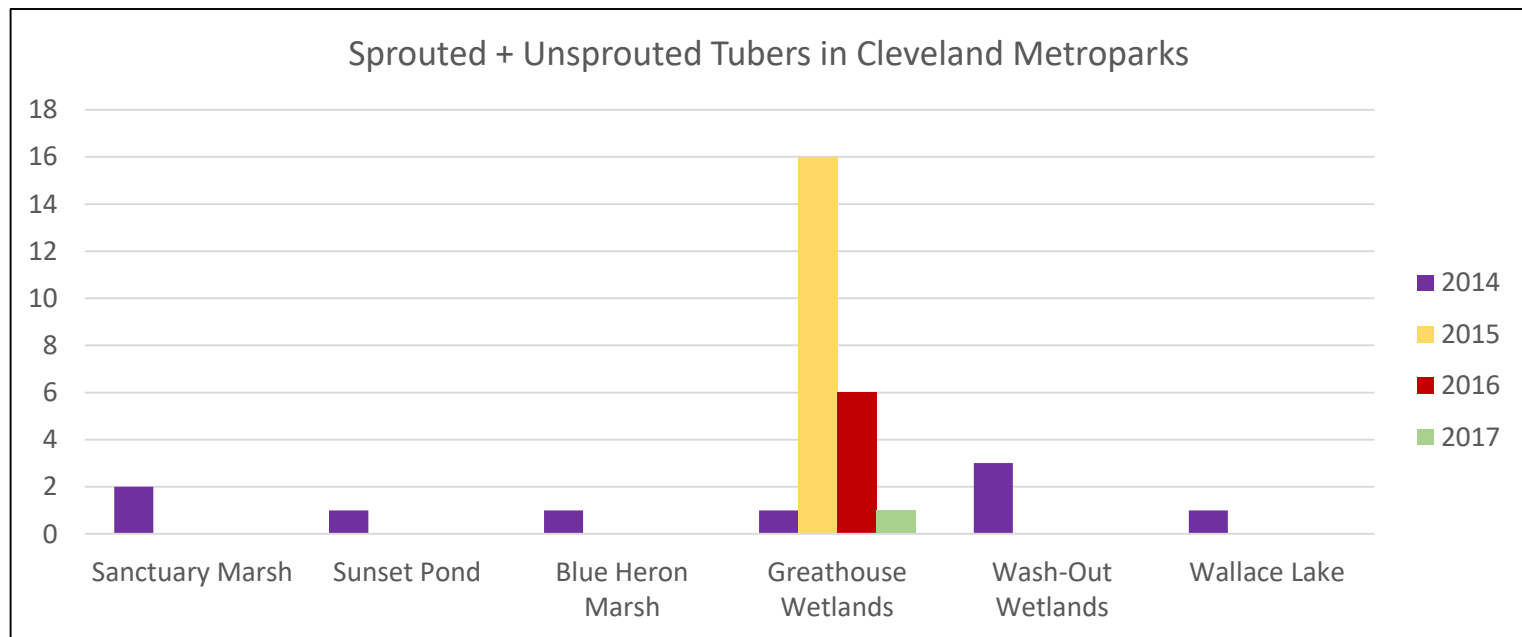
Table 1. Locations of hydrilla-infested waterbodies in Cleveland Metroparks

Site Name	Size (acres)	Reservation	Watershed	County	Year Found
Sunset Pond	5.20	North Chagrin	Chagrin River	Cuyahoga	2012
Sanctuary Marsh	3.70	North Chagrin	Chagrin River	Cuyahoga	2012
Blue Heron Marsh	2.50	Ohio & Erie Canal	Cuyahoga River	Cuyahoga	2011
Greathouse Wetlands	1.14	West Creek	Cuyahoga River	Cuyahoga	2011
Wash-Out Wetlands	0.44	West Creek	Cuyahoga River	Cuyahoga	2013
Wallace Lake	17.60	Mill Stream Run	Rocky River	Cuyahoga	2011

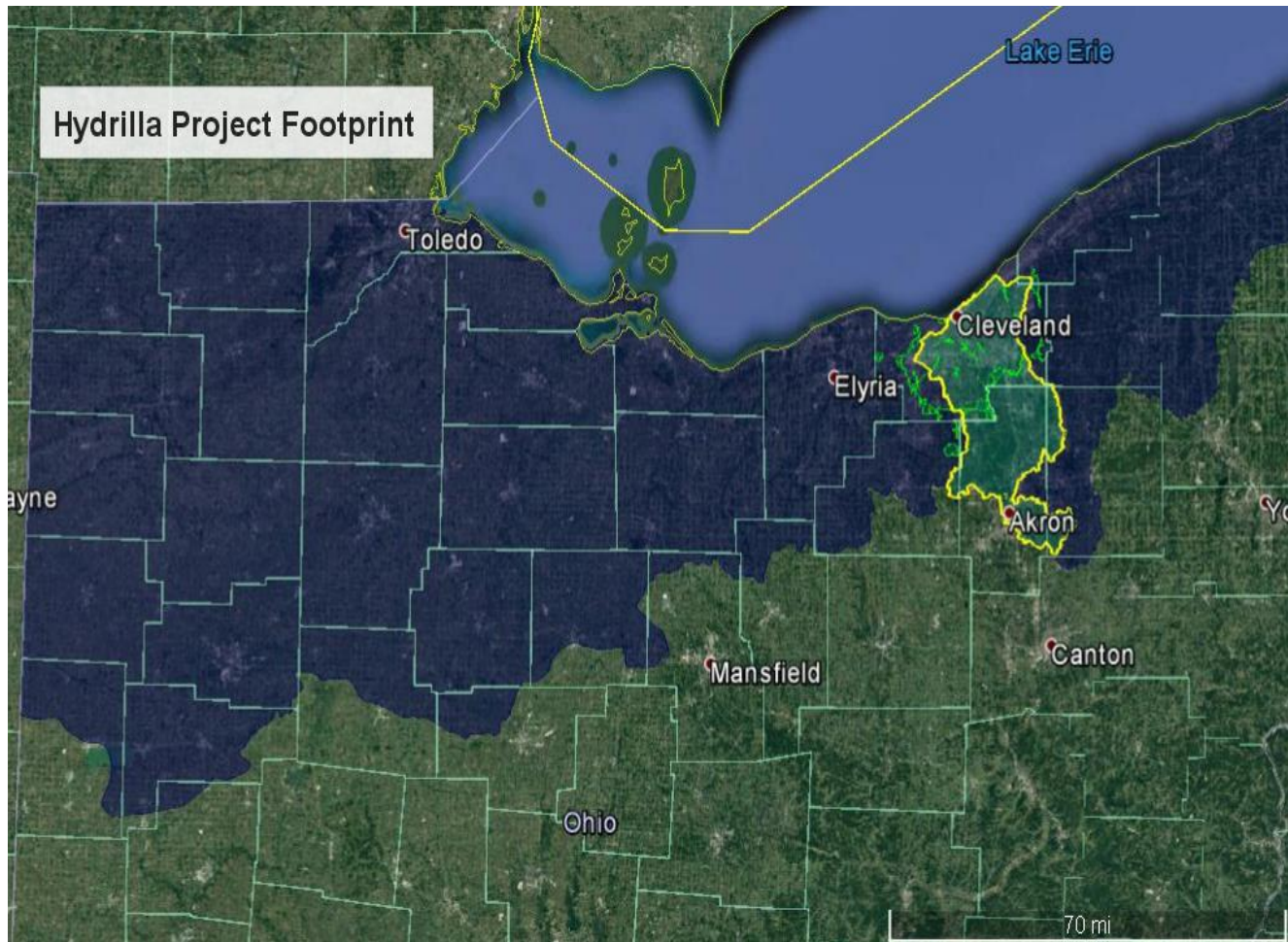


Tuber sampling, 2017

Reservation	Site	Sprouting hydrilla tubers	Non-sprouting hydrilla tubers	Number of core samples
North Chagrin	Sanctuary Marsh	0	0	150
	Sunset Pond	0	0	50
Ohio & Erie Canal	Blue Heron Marsh	0	0	103
West Creek	Greathouse Wetlands- Lower	0	0	100
	Greathouse Wetlands- Upper	0	1	177
	Wash-Out Wetlands	0	0	50
Mill Stream Run	Wallace Lake	0	0	160
Total		0	1	790



CM Hydrilla Project (2017-2018)



Outreach

- Training
- Joint surveys
- Shared resources



Expanded detection

- Survey
- Collaborate
- Fund / Oversee treatment on 25 new acres



Continued management

- 90+ sites
- 23,000 acres

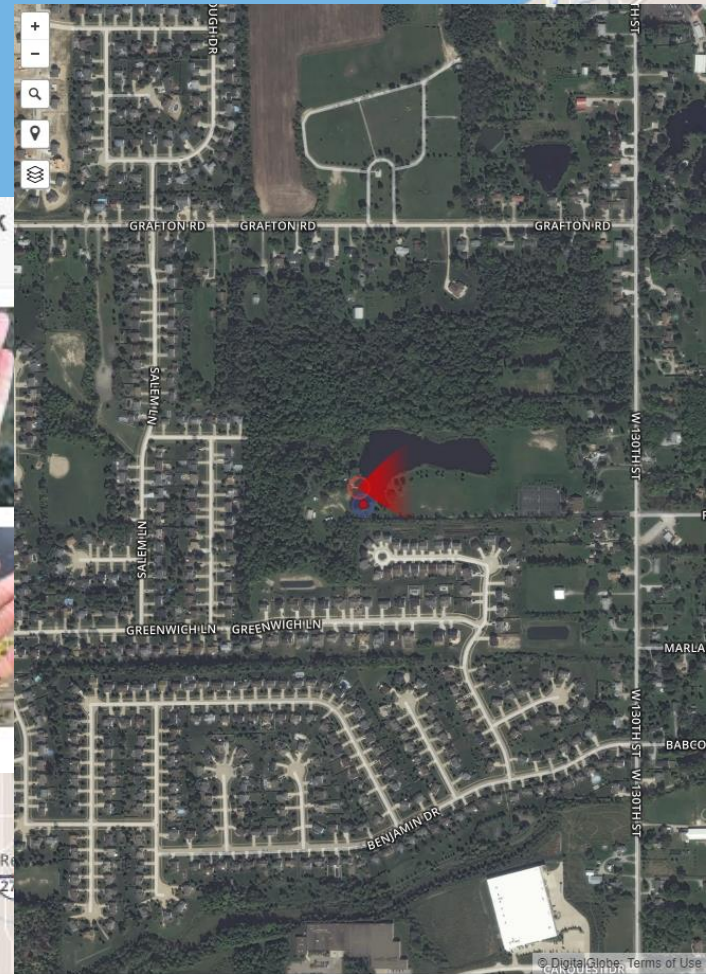
Early Detection and Rapid Response in Lake Erie Basin



OP, Brunswick



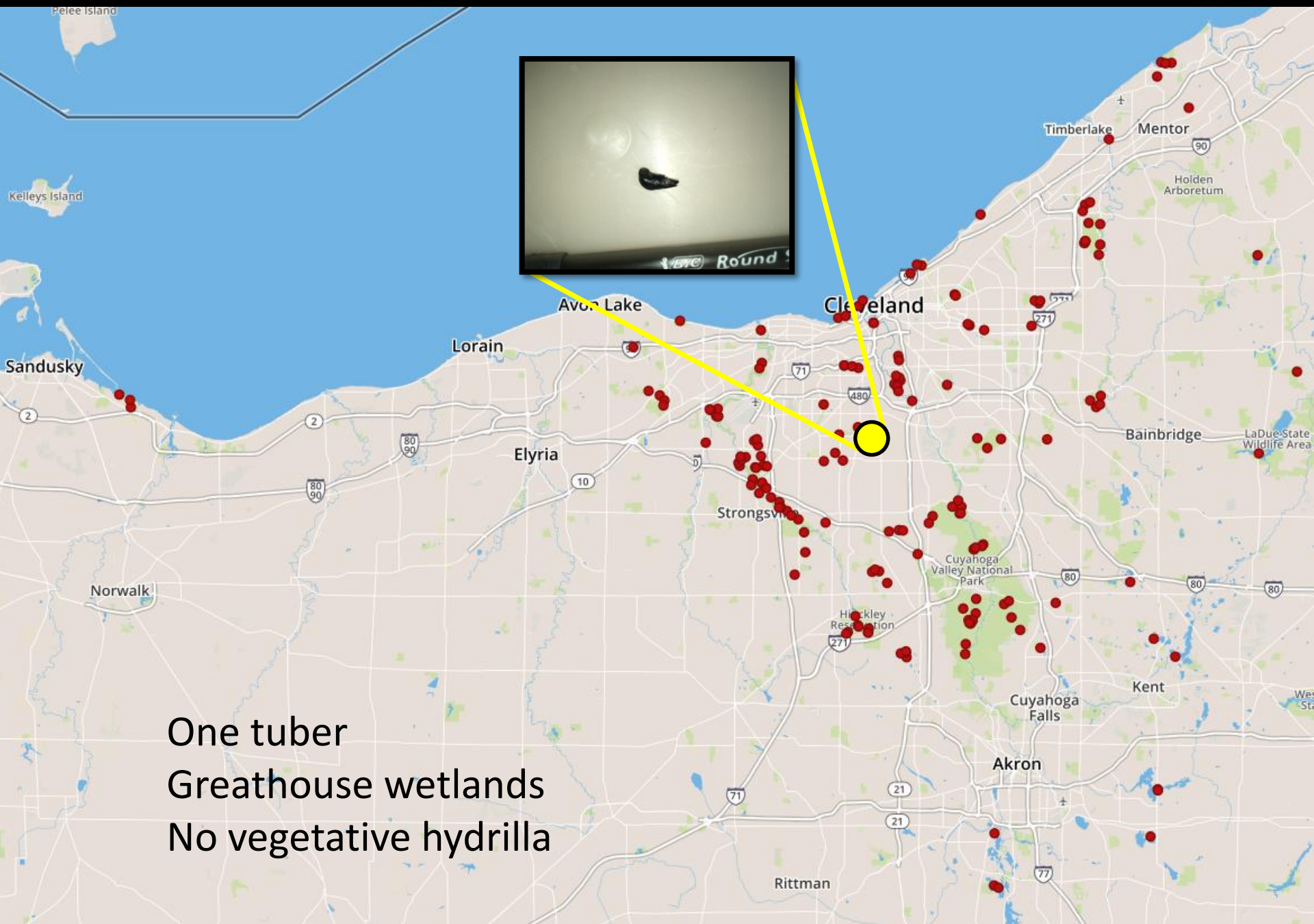
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168 sites surveyed
65 outside Cleveland Metroparks
27 different landowners

Rittman

Akron



One tuber
Greathouse wetlands
No vegetative hydrilla

Hydrilla distribution, NE Ohio



Pond in Richfield Ohio

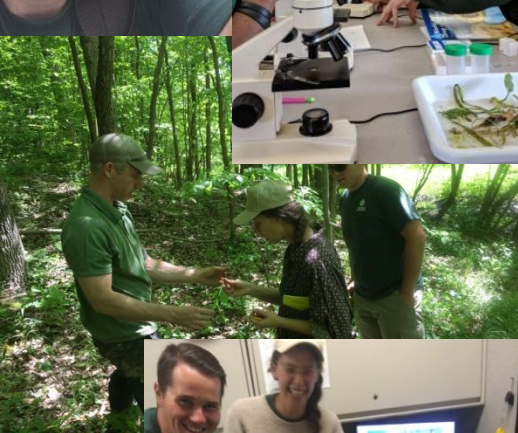
NEGATIVE record from Westlake

Single tuber detected in 2017, Parma

All known populations under treatment in project area

Records → EDDMapS, USGS, GLANSIS





2018: Education and Outreach

Detection and Decontamination Kits

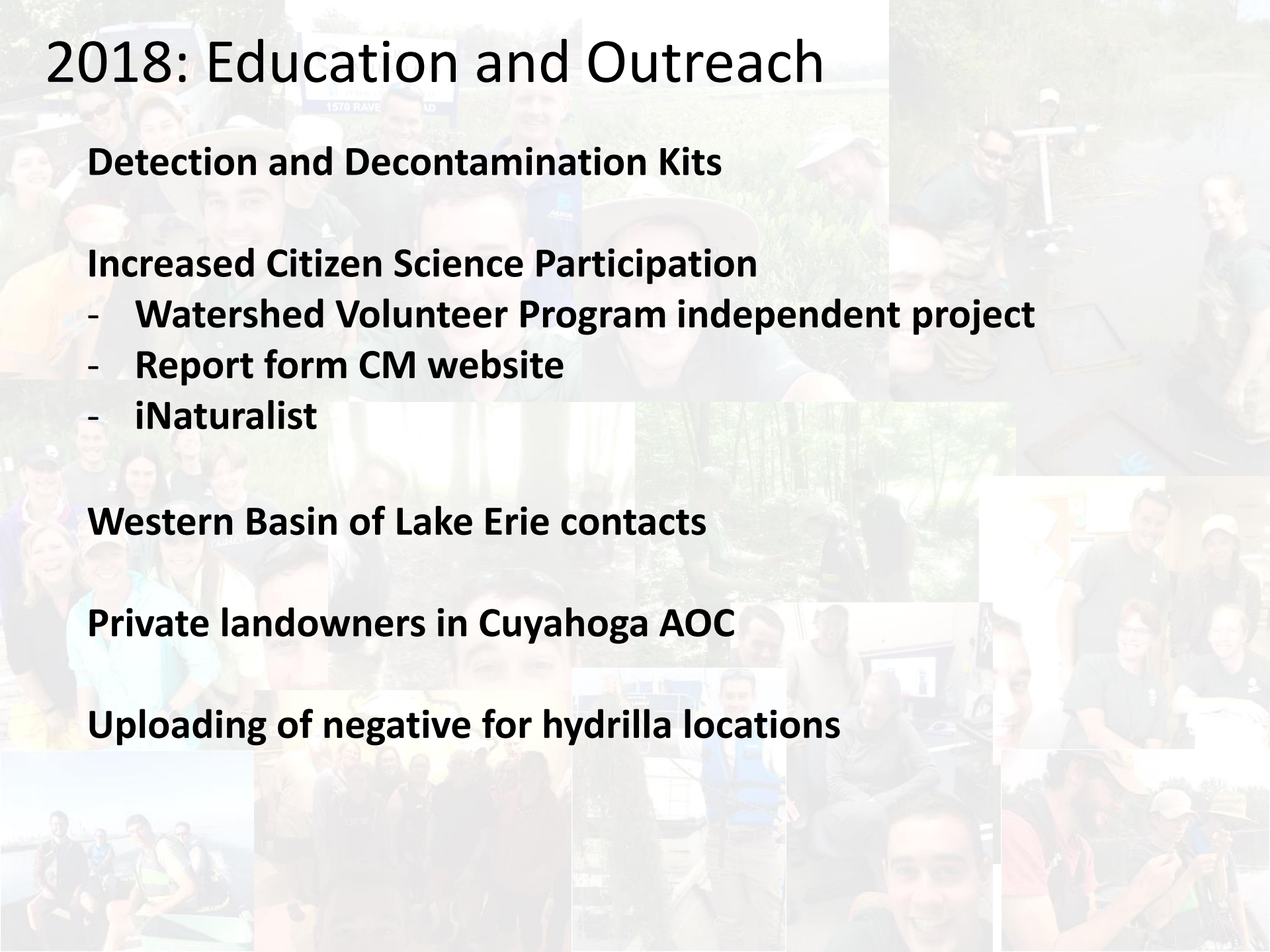
Increased Citizen Science Participation

- Watershed Volunteer Program independent project
- Report form CM website
- iNaturalist

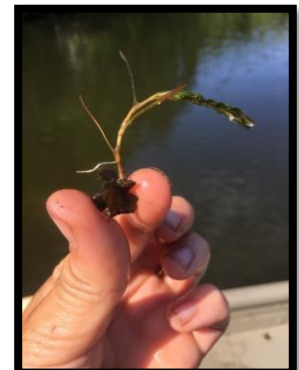
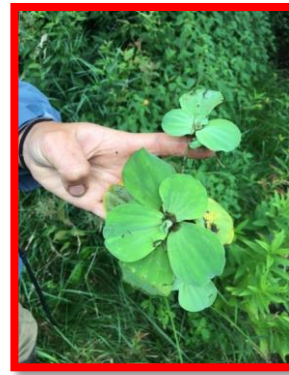
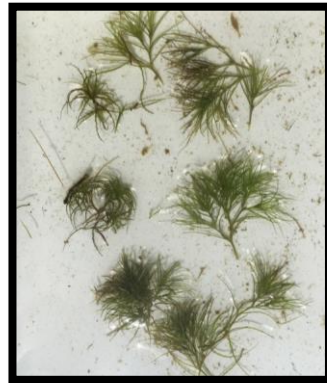
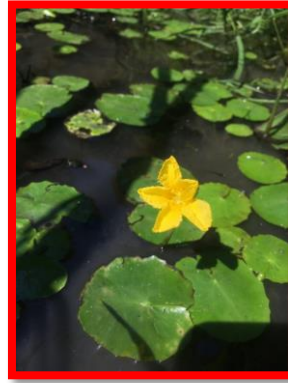
Western Basin of Lake Erie contacts

Private landowners in Cuyahoga AOC

Uploading of negative for hydrilla locations



Contenders for OH prohibited weed list?



Role of Ohio AIS Committee

Engage with the team

- Joint surveys
- Identify sites to survey
- Send us photos

Look for AIS

- Adopt aquatic plant surveys into annual work

Decontamination and use of HACCP method

Future of hydrilla management at CM...



Thank You

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Grant Manager

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