

**FL-PRISM Steering Committee Minutes  
January 23, 2018, 12:30pm-3:00pm,  
Finger Lakes Institute, Geneva, NY**

Meeting objectives: Reconvene in 2018, roundtable reports, 2017-2018 FLPRISM work plan update, prioritization project overview, and set dates for coming year

In attendance: Pauline Burnes, Don Cook, Dorothy Gronwall, Terry Gronwall, Charlotte Malmborg, Hilary Mosher, Web Pearsall, Emily Staychock, Mary Underhill, Lisa Cleckner

1. Welcome and meeting objective
2. Review of minutes from last meeting (4/11/17)- passed out and call for edits
3. Roundtable reports- partners provide updates

Pauline (NYS DOT)- EAB has been a huge issue – many need to be removed- outside of highway rightofway- if not a hazard- on I-86 corridor it is all ash trees- landowner responsibility to take down- look at contracts to remove ash trees- recognizing oak wilt- red and white oaks- not many hemlocks to be concerned with for the HWA- Japanese knotweed is very difficult to control in this region- projects need to clean all equipment before and after coming through areas with this invasive species. Regional issue with phrag, wild parsnip. Referenced the Ithaca Native Landscape Symposium conference, Mar 2-3 and more information is available here:

<https://www.ithacanativelandscape.com/>

Mary Underhill (Livingston County Watershed)-watershed education center to be open soon (March)- initiated the programming- started in November- first program had 40 ppl. Second one is what is a watershed-Vitale Park- grants for stormwater study document being completed by Barton and Loguidice-BMP and summary documents to be included in this project. Shoreline restoration and green infrastructure grant in Vitale Park- Eastern shore is owned by NYSDEC and working in conjunction with NYSDEC- aggressive timeline- working with TMDL- still in draft form- not for public release- not open for comment- MAM infestation- no update Web (NYSDEC)-- IS- two require work- alewife in Keuka Lake- population crash- lots of concerned anglers- and fishing- possible opportunity to introduce native cisco-don't raise them, but there are hatcheries- to a size that

can be scoped out? Rehab? Native species to replace the invasives...Seneca Lake- inundated with calls for a fish kill- lamprey scars on fish- tried to treat '14, washed out, tried again in '15- population of lampreys are high- Catherine creek to be treated this year- with TFM- first week in June- KL Outlet after this- new partnership with USFWS in VT help to treat- Treat on a three year cycle- lifecycle is 4-5 years-Region 7 are looking for a possible treatment in 2020- escape from dam in Ithaca- Cayuga Inlet to be treated – Gobies in Seneca Lake? No confirmed specimen at this point. No documented observations. Gobies are all over in Cayuga- just a matter of time before they get into Seneca- then how does it affect native lake trout- in Cayuga, 60% natural reproduction of lake trout- there is a movie with lamprey-

Emily- KLA is grateful that there is action on the cisco issue- topic of every meeting for the past 2 years, engaged with watershed center at Conesus- Watershed terrestrial invasives in February- maybe again in the summer, Because of her MFO program she can work in Livingston County, Yates March 17 at Yates Co building- deer pressure- increases IS- works with NYSDEC Bath foresters- SSW in KLA- second year of funding- mechanical harvesting- in August- decrease in SSW on boats- numbers still be worked up- real science-based study and environmental conditions to complete this program- effectiveness of harvesting- anecdotally, it is working- budgeted for an extra treatment, but it didn't need it- sensitive to flow- CNY Harvesters out of Cortland Co. October- the organisms was gone- no free-floating fragments in this area- treatment for the fall- rake removal of SSW in sugar creek at mouth- completed at the end of Oct- doing again next year- stayed along banks of creek- hand raking- need scientific data and help for this-Need to understand how to sample for SSW- WCS- three stewards and one coordinator- FL Museum and Severn Point- town of Wayne- used their own employees to cover launch- gave their hours as in-kind- cover weekends Fri-Mon, October, and part of November. Less boats, but more coverage- starting in March- fishing tournaments- the two places where they have SSW is right along marshes- not in weedy coves- not in other areas with native Chara-

Don (HVLA, NYSFOLA, FLRWA)-stewards were at two events- symposium in June- interacting with members and macrophyte rake tosses- excited to citizen science program with Patty- participation good- would like to have annual meeting to recruit new people to participate in the program- email blast to look for participants in the AIS survey process and hopefully will have more people participate- NYSFOLA conference in Ft. William Henry in Lake George- May 4-5, hopefully have lots of participants- hope numbers don't drop- programs on AIS- mostly from eastern part of state- the FLRWA making a resource page for the website to include colleges and universities that have program of use to members- IS- contact person name and email address- ESF and getting contact people onboard for the website- FLRWA and resources- HABs will be a big topic and need Charlotte- HWA- big deal in the watershed- excited to announce the biocontrol lab opened and are breeding insects for treatment- hired Charlotte, and two additional lab people- growing organization, helping a lot of regions, especially the ADKs, searching in places where it has not been found- silver flies will be released, beetles to be released- extend release in the Finger Lakes- protected lands, healthy, but infested hemlocks- 6-20 years to kill a tree, and trees clumped, a lot of talks coming up- one at the FLNF- learn about HWA- Forest pest Friday- March 2<sup>nd</sup> – Ann Moore- ESF- bring onboard- interns-TCC- Update the PRISM about events taking place in the region- reached out to ESF in the past- Pauline is an alum- worked for the USFS- most of the contact is with Tim Noon and crew- 76% of forests is privately owned-

Dorothy and Terry Gronwall (HVLA)- Looking forward to CLA meeting- cross promote issues with the HVLA- website and email blasts-In-lake stuff and HABs- HLWTF- OCWRC grant- Dreissenid study- discovered quaggas- 1) get a population survey- determine extent of quagga- softbodied lake- population/distribution survey- continue quest of 'what has changed' to make the HAB more intense- one candidate is Quagga- Dreissenids like green algae- spit out BG- waste products are highly bioavailable nutrient \$1600 Dr. Gilman is PI and survey is this summer- 10-12 pre-determined sites to survey- anchor loaded with mussels- 9m, what percent was zebra vs.

quaggs? Data from 2014 on surveys, and new data on 2018- changes across sites- check for mussels- Owasco is a similar situation- now they have quags- nearshore sites- plants are colonized by zebs- three /four years ago- new event of colonization of quaggs- HABs- no high toxin blooms- nuisance blooms- are the trophic status beneficial to the HABs? High P? N:P ratios of other lakes- internal load question- change N:P ratio? Data has been collected for 15 years- best WQ year ever was 2008, the year after the alum treatment- secchi avg 4.5m , chl A avg- ug/l 2017- total P and SRP were the same as 2008, surface water and depth were same to 2008, avg chl 2017- 46ug/l, secchi disc reading in 2017 was 1.5m.

Lisa (FLI)- continue to focus on nearshore areas looking at benthic algae, HABs, and aquatic plants, how Prim produc exist and change over seasons- impact of IS- SSW, Hydrilla, etc. impact nutrient and contaminant cycling- systems approach- change one lever it alters different lever- field work in Honeoye- Wright State- what role does N play? P is usually limiting, but N is key in HABs,- Owasco Lake- nearshore environment- trying to focus on coupled control experiments- start looking at processes- how things are transformed- microbial changes- water quality issues- Latchet- WQ- nutrient analysis- automated system- goal to become a certified lab- parameters to start with- modular system to mix reagents- set up batches to run- continue work on HABs, Hg- diagnostic – comes from sky- transferred through biota- why do difference exist? Hg easier to measure than watching whose eating whom? Hg in mysis and diporia and BRS? Position listed for the post-doc position- continue to collaborate with Roxanne Razavi.

#### 4. PRISM updates

- a. Presentation FLPRISM in review- attached presentation and discussion- Web to reach out to Amy to see about threatened mussels to add to list for the region. Bruce might know of endangered amphibian/reptile in the HL watershed.



- b. 2017-2018 work plan status update – Steering Committee to input information regarding contributions or actions to support goals- fill in box with information ACTION ITEM: Complete information by Feb 2
  - c. Status update for NCTE and 2018-2019
5. Prioritization project review (from working groups)- reworked some of the categories based on SC recommendations and knowledge of the organisms. Attached.
  6. Other items of interest
  7. Adjourn

Next MEETING DATE/TIME:

March!

Partner meeting- late April/early May