

**2012 APIPP Fall Meeting Notes**  
**November 8, 2012**  
**9:30 – 3:00**  
**NYS DEC, Ray Brook**

*Attendees: Meghan Johnstone and Hilary Smith (APIPP), Jane Smith and Bill McGhie (East Shore Schroon Lake Association), Beth Gilles (Lake Champlain Lake George Regional Planning Board), Kristin Rohne (Lake George Association), Ed Snizek (APA), Caitlin Stewart (Hamilton County Soil and Water Conservation District), Pat and Tom Willis (Rainbow Lake Association), Emily Selleck (Master Gardener), Kathleen Wiley (Paul Smith's Watershed Stewardship Program), Lance Durfey (DEC), Ray Curran, Mark Malchoff (Lake Champlain Sea Grant), Allison Buckley (Adirondack Council), Julia Goren (Adirondack Mountain Club), Julie Martin (Boquet River Association), Tom Colarusso (APHIS), Sarah Hoffman (Lake George Land Conservancy), John Falge (DOT), Mark Rooks (APA), Lynne Bogan (NY State Parks), Meg Modley (Lake Champlain Basin Program), John Minlitilli (USDA – Forest Service, NRS-FIA)*

**PRISM Report (Hilary Smith)**

It was a landmark year for invasive species stewardship, through APIPP staff and partners.

- Sarah Walsh was APIPP's Invasive Species Educator and helped raise awareness and lead programs in communities across the region.
- The Terrestrial Regional Response Team was active for a second year.
- The Paul Smith's College Aquatic Response Team was active in the Western Adirondacks for a second year.
- Response Teams are expected again in 2013 but support is needed to continue in 2014.
- Dan Dohman was the DEC State Campground Invasive Species Specialist, a position previously held by Wayne Blanchard. Dan mapped and removed invasives at state campgrounds. The Office of Invasive Species Coordination, Region 5 DEC, and SUNY ESF partnered to offer this internship to a SUNY ESF undergrad.
- Boat launch stewards and river stewards were active across the region this year. These programs are also gaining traction outside of the Adirondacks.

APIPP is funded by the Environmental Protection Fund and on a 5-year contract with the DEC. The contract ends December 2012. There is enough money left to file for a no-cost extension through December 2013. The DEC wants to complete the no-cost extension transaction before beginning the contract renewal process.

Hilary continued working on APIPP's Strategic Plan. The APIPP Team is also working on the 2012 Annual Report and priorities for 2013.

The Invasive Species Council is Co-Chaired by Kathy Moser from the DEC and Kevin King from Ag & Mkts. The Council is meeting regularly and working on invasives at the state level.

Hilary is the Chair of the Invasive Species Advisory Committee, which is also meeting regularly.

Leslie Surprenant and Dave Adams are leading the Office of Invasive Species Coordination (OISC) and have been working on the hydrilla response in Cayuga Lake. A new hydrilla outbreak several miles long was detected in the Erie Canal near Buffalo. The OISC is working on this infestation through a hydrilla task force.

A request for proposals went for the four unfunded prisms: Capital-Mohawk, Finger Lakes, Lower Hudson, and Western NY. Recipients were selected and contracting is underway with the host organizations. PRISM leaders coordinate via the monthly NYS PRISM calls and quarterly meetings.

Meredith Taylor stepped down as the CRISP PRISM Coordinator; she is now working for the New York City DEP as their Invasive Species Specialist.

The Invasive Species Clearinghouse, [www.nyis.info](http://www.nyis.info), coordinated by Chuck O'Neill, is routinely updated and a great resource. The CCE Invasive Species Program now consists of Chuck, Marilyn Wyman, Erin Strobl and Margo Bowerman, and they are seeking a replacement for Rebecca Hargrave. The Cornell Invasive Species In-Service will be held in Ithaca, at Cornell University, November 12-14.

There is still no progress on the Invasive Species Research Institute. Holly Menninger was the previous coordinator. That position has yet to be filled.

**Milestone: The Invasive Species Prevention Act passed!** Senator Little was a great advocate. The Act was signed into law in July. The DEC and the Department of Agriculture and Markets are working on a list of species that will be prohibited and regulated. The deadline for completing the list and promulgating regulations is September 2013.

Schroon Lake and other towns are still interested in local transport laws for aquatic invasive species. The Town of Schroon Lake passed a law in 2012 and Warren County passed a law in 2011. Approximately 8 towns, 1 village, and 1 (county representing 7 towns) now have laws.

This was a successful year for funding: Paul Smith's College Watershed Stewardship Program was the recipient of funds from the Great Lakes Restoration Initiative and EPA. APIPP also received private funding to continue the Terrestrial Regional Response Team in 2013.

[www.iMapInvasives.org](http://www.iMapInvasives.org) also elevated their functionality and outreach this year. APIPP will continue to offer iMap trainings and encourage partners to receive training and input data.

Invasive spiny waterflea was discovered this summer in Lake George, the Champlain Canal, and the Glens Falls Feeder Canal. Asian clam is still an issue that is front and center in Lake George. Hydrilla and EAB continue to be detected in new counties. There are still no detections of either in the Adirondacks that we know of.

Sarah Walsh, APIPP's Invasive Species Educator, created a new series of door hangers including Japanese barberry, common reed grass, Asiatic bittersweet, and wild parsnip. APIPP's work focuses on public lands, but many invasives are located on private lands, e.g. in people's yards as ornamentals or in waste areas. The door hangers are a good way to put a friendly notice on their doors if APIPP sees an invasive species on their property while driving or working nearby. APIPP has received great feedback - some people had no idea what invasive species were, but some people said they had been managing Japanese knotweed for years and were happy to have new information. The Terrestrial Response Team accidentally revisited some of the people that got notices last year and a few landowners got annoyed. In general, the door hangers were very favorable.

The Adirondack Landowners Association (ALA) is comprised of owners of large tracks of land in the Adirondacks. They went to the DEC and asked them to put invasive species information in trailer and boater registrations. APIPP has identified this need for years, and ALA helped to make it happen. The tip strip was modeled after the AIS rack developed by Adirondack partners and designed by Emily DeBolt. Leslie Surprenant is coordinating this initiative for the DEC.

Media out of Lake George has been constant this year. Invasive species have gotten a lot of great attention.

APIPP released its Fall/Winter 2012 newsletter:

[http://adkinvasives.com/documents/ROOTSFallWinter2012\\_001.pdf](http://adkinvasives.com/documents/ROOTSFallWinter2012_001.pdf)

APIPP will offer its seasonal position in 2013 and focus again on education and outreach.

### **Aquatic Coordinator Report: Meghan Johnstone**

PowerPoint project report

[http://www.adkinvasives.com/documents/2012AquaticInvasiveSpeciesProject\\_fallreport.pdf](http://www.adkinvasives.com/documents/2012AquaticInvasiveSpeciesProject_fallreport.pdf) .

Ed Snizek asked about the State's progress on the rapid response issue for hydrilla. Meghan checked with Leslie Surprenant and she said that there was an Emergency Regulation for hydrilla to allow use of pellet form of Fluridone in waters less than two feet deep. She also believed a permanent change to the label was underway.

### **Terrestrial Coordinator Report: in Brendan's absence, Hilary delivered the report.**

PowerPoint project report

[http://www.adkinvasives.com/documents/2012TerrestrialInvasiveSpeciesProject\\_fallreport.pdf](http://www.adkinvasives.com/documents/2012TerrestrialInvasiveSpeciesProject_fallreport.pdf) .

### **Partner Roundtable**

*Tom Willis, Rainbow Lake Association:*

- Tom asked about the possible Loon Lake aquatic herbicide treatment. Ed Snizek (APA) said that aquatic herbicide worked pretty well to control EWM in Lake Luzerne and that Loon Lake put together a proposal for the APA for treatment of EWM using aquatic herbicides. Loon Lake has been hand harvesting for several years, but they have a large EWM bed where hand-harvesting is not cost-effective.

*Pat Willis, Rainbow Lake Association:*

- This year was the Association's twelfth year of surveying Rainbow Lake for invasives, specifically for EWM. No EWM has been found to-date.
- There is a public campground on Rainbow Lake where motorboats can be put in. They are hiring the Paul Smith's boat launch stewards to be at that location. This year, the stewards were inspecting four days of the week and volunteers inspected a fifth day. The stewards check boaters coming in. There is a water wash located at the launch. One steward found curly-leaf pondweed on a boat coming in. The stewards also tell boaters to be careful coming out of Rainbow Lake, as southern naiad is present and behaving invasively.
- Every five years, the Association has Paul Smith's Adirondack Watershed Institute come in to do a professional survey. This was done again this year. No invasives were seen.
- There is illegal boat launching occurring on Rainbow Lake and Pat wondered what should be done.
  - Beth said they were looking into this on Lake George, but that it might be worthwhile to just spend time on those public launches, rather than the one illegal launch that few people use.
  - Pat said the DEC suggested putting a rock in the way.

*Kristin Rohne, Lake George Association:*

- The Lake George Association has finalized its lake steward numbers: 7,000 boats, 112 carrying invasive species. EWM, curly-leaf pondweed, water chestnut, zebra mussels, quagga mussels (twice!), and spiny waterflea (SWF) going out of the lake on 10 occasions. Upon the discovery of SWF, the boat launch stewards were asked to interact with fisherman more. SWF were found on fishing gear on multiple occasions. Education seems to be working because a fisherman on Lake George had seen information about SWF, saw it on his fishing line, knew right away it wasn't right, and brought it to LGA to be looked at. SWF has been found lake-wide in Lake George.
- Four new Asian clam sites were found during the lake-wide survey. Asian clam is no longer found just in the southern basin; it is now in the northern basin as well. It has also moved to the east side of the lake from the south/west. The Asian clam was likely moved by getting on someone's anchor then

dropped in a new location, but there is no way to know for sure. There was a fall Asian clam treatment: the priority is the four new sites because they are relatively small. They are using more mats, overlapping the mats more, using much more rebar and sandbags. The mats will stay in all winter instead of the standard 45 days. Other sites are in containment mode.

- The Lake George Park Commission hired a consultant (The LA Group) to make a recommendation for AIS spread prevention in Lake George. The LA Group recommended mandatory boat washing for lake George. They are presenting to the Commissioners on the 13<sup>th</sup> and the Commission will then decide if they want to move forward. If they approve, it will have to go to Albany.
  - Ed Snizek wondered if the public comment was favorable. Kristin said that the public was leaning toward mandatory boat inspections during the several open houses.
  - Kristin said that a boat washing program could be in place for next field season, but funding is a big issue, so perhaps mid-summer instead.
  - Beth Gilles said that local communities are putting a lot of pressure on the State to match the amount of money the county has put forward for invasive species. They are stressing the point that if Lake George can't do it, no one can, because no one else in the region besides Lake Champlain has the capacity to deal with this issue. The State is noticing; they have called the Park Commission to discuss the negative attention they have received by not joining the fight.
  - The Adirondack Lake Alliance submitted a letter supporting the wash program. Caitlin asked Bill to share the letter with her.
  - Ray Curran asked where boat washing would occur on Lake George. Kristin said the final report would include that information.
- The lake steward program will run again next summer.

*Ed Snizek, Adirondack Park Agency:*

- As many are aware, the APA has a general permit that allows hand-harvesting and benthic barriers for treatment. They are proposing an amendment to the permit to include species like Asian clam, and allow up to three acres of benthic barriers at any one time. The permit would also allow mats to remain in place through the winter months. The permit will say that one cannot mat any area more than two consecutive years in a row because the APA does not have a lot of data at this point about how quickly these wetland areas recover after large-scale matting.
- Lake George will submit data next year to show how quickly the treated areas have recovered from benthic mat treatment. In Lake George, one general permit could cover the entire lake.
- The APA would allow multiple three-acre treatment areas in one waterbody as long as there is space in between. The APA is making an effort to get permits out as soon as possible. Public comment will be on Thursday, November 15.

*Bill McGhie, East Shore Schroon Lake Association:*

- The Association will be running a boater safety course and wants to emphasize invasives. In the past invasives have been mentioned a bit but not emphasized. This year, they went beyond and offered milfoil training at the same time.
- The Association has a milfoil scout program in place to cover the entire shoreline looking for milfoil. A member suggested that everyone also look for Asian clams.
- Money for lake stewards comes from a bed tax, so that is working well. The stewards will be in place for next year as well, funding coming from the Town of Horicon.

*Caitlin Stewart, Hamilton County Soil and Water Conservation District:*

- Hamilton County works with the Regional Inlet Invasive Plant Program (RIIPP) to coordinate volunteers to treat Japanese knotweed. Landowners close to body of water are put on a priority list and treated for free. Volunteers treated many sites in Hamilton County this summer.
- The Hamilton County Water Quality Coordinating Committee met at the end of October. An invasive species component will be included in the strategy.

- Caitlin spoke to Kathleen Wiley's lake stewards about invasives and offered various presentations throughout the summer.
- During Invasive Species Awareness Week, Caitlin partnered with Tom Colarusso from APHIS and held an invasive pest forest survey at Long Lake boat launch. No one attended but Caitlin and Tom both surveyed trees anyway. Hamilton County also held a paddle against invasives event. A few locals came to paddle the Sacandaga River; they managed purple loosestrife and discussed other invasives.
- Hamilton County is manually removing purple loosestrife, but also got a permit from the DEC to release *Galerucella* beetles in wetlands in Lake Pleasant.
- ED/RR: Caitlin noticed yellow flag iris growing along a shoreline during one of her paddles. She used a mapping service the next day to see who owned the property, called the landowners, and got permission to go in and remove the plant.
- Caitlin writes the monthly Conservation Corner Newsletter, which includes all sorts of information. Let Caitlin know if you want to be on the email list. She also contributes to the Adirondack Almanac.
- Hamilton County is gearing up for a native Adirondack tree/shrub sale. Some species may not be truly native, but no invasives will be sold.
- The New York Association of Conservation Districts passed a resolution about invasives, highlighting the importance of identifying them, not transporting them, and getting District employees to help manage them.
- Hamilton County monitors 21 lakes for water quality. They put EWM-infested waters last on this list to monitor to avoid spreading the plants. They bleach all monitoring equipment because SWF is present in Sacandaga Lake.
- There is an Invasive Forest Pest Survey Training event November 29 from 10AM-12PM at the Hamilton County Soil and Water Conservation District office in Lake Pleasant.
  - A question was asked of the DEC: What will happen if invasive insects are found on forest preserve land? Tom Colarusso said that a lot of stakeholders would have to be involved, but that he could not comment further. Lance Durfey from the DEC said that they had not reached a decision on whether they would allow treatment on forest preserve, but it would probably depend on the species and other circumstances. It could be a major hurdle.

*Mark Malchoff, Lake Champlain Sea Grant:*

- Mark has been working with bass tournament anglers. He met with the organization that organizes bass tournaments all over the U.S. There was productive discussion and most people were supportive. Mark also prompted them to be thinking about their own equipment, not just the anglers. He also suggested establishing disinfection protocols for their own gear.
- Mark interacted with anglers at bass tournaments in Plattsburgh, Port Henry, Ticonderoga, and other locations. He surveyed about 300 anglers. Mark provided outreach at outdoor shows as well.
  - Hilary asked if Mark perceived that anglers were aware of AIS. Mark said that there is a definite geographic gradient. Farther south in the country, there is much less recognition that invasive aquatic macrophytes are a problem. Industry also tends to be heavily centered in the south. Farther north, there is more recognition of the problem. Most of industry is on board, but there are a few vocal people that are not. It would be good to have anglers sign a pledge. Anglers can win over high cash prizes and serve as spokespersons. These individuals get a lot of media attention, so awareness could be increased in that way.
- An interpretive walk was held during Invasive Species Awareness Week. WAMC Northeast Public Radio has an audio recording archived if you want to hear.
- The Valley News published an editorial by Howard Hammond that questioned the validity of invasive species efforts. Mark responded right away.
- Mark also spoke to the Adirondack Mountain Club about invasives. There was a good response overall.
- Mark has been drafted to serve as Co-Chair of the Northeast Aquatic Nuisance Species (NEANS) Panel.

- NEANS held a great hydrilla meeting in May. PowerPoints are all on the NEANS Panel website and available for download. Hilary circulated the NEANS information on APIPP's listserv.
- A Hydrilla meeting was held in Syracuse as well. About 40 people came and there was a lot of great information.
- Michael Burgess is a new botanist at SUNY Plattsburgh. He is interested in invasives.

*Sarah Hoffman, Lake George Land Conservancy:*

- The Land Conservancy needs to update management plans for its preserves and Sarah is trying to encourage incorporation of invasives planning. They are also keeping an eye on their properties for forest pests. They would like to review examples of other forest pest plans.
  - Caitlin Stewart said that Mark Whitmore from Cornell University has developed a great Community Preparedness Plan. It includes step-by-step information on how to survey, what to look for, and how to get community involvement:  
<http://www.nyis.info/pdf/NYS%20Emerald%20Ash%20Borer%20Management%20Plan%20Development%20Workbook.pdf>
  - OPRHP may also have template management plans to share.
- The Land Conservancy holds informational sessions in the summer. They had one invasives ID session.
- The Land Conservancy would like to get an education and outreach intern to focus on invasives.
- On the wish list: offer iMap training for landowners around Lake George.
- Sarah wondered if boots were an issue when it came to spreading invasives and if boot brushes existed.
  - APIPP's Invasive Species Educator had a boot brush station put at one of The Nature Conservancy's preserves.

**Action item: Hilary will share APIPP's boot brush info with Sarah.**

- The Land Conservancy would also like to hold a Hike-a-thon event in which they could get invasives info out to hiking groups.

*Julie Martin, Boquet River Association:*

- The Association will perform a survey of invasives on town roads next year. They would also like to reach out to highway departments with help from Brendan Quirion, APIPP's Terrestrial Invasive Species Project Coordinator. They would also like Brendan's help with getting data uploaded to iMap.
- BRASS staff and volunteers planted 1,500 native trees and shrubs.
- There will be a large mailing for the River Association and they would like to include the DEC giant hogweed brochure in the mailing.

**Action item: Lance Durfee will look into getting these brochures for Julie.**

*Kathleen Wiley, Paul Smith's Watershed Stewardship Program:*

- Dan Kelting led the Aquatic Rapid Response Team, which surveyed 25 waterbodies in the Western Adirondacks this year.
- 27 boat launch stewards were inspecting boats at various launches across the region this year. They plan to have almost as many stewards out in 2013 and 2014. The stewards educate four days a week and work on a special project one day a week. Special projects included working with Brendan on garlic mustard and loosestrife, with RIIPP on Japanese knotweed, conducting presentations, utilizing social media, and staffing information tables at fishing tournaments and the Visitor Interpretive Center at Paul Smiths.

*Emily Selleck, Master Gardener:*

- Master Gardeners attended the farmer's markets again this year. They disseminated appropriate information when certain invasives were most visible.
- Cornell has organized working groups around the state that focus on adaptation, resilience, and mitigation when it comes to climate change.

- Kudzu is on the march.
- Climate change will make our natives susceptible to not being able to withstand an onslaught.
- Emily encouraged partners to think about how to help mitigate some of the things that are happening because of climate change.

*Tom Colarusso, APHIS:*

- Tom reported that there is a new director for APHIS - she is very supportive of partnerships. Tom is hoping to acquaint her with APIPP at some point soon.
- EAB update: 5 or 6,000 traps were hung this year statewide. There were no new finds in the Adirondacks. The DEC and Department of Ag and Markets are trying to iron out how they want to quarantine Dutchess and Orange County. 2 or 3,000 traps will be hung for EAB next year. They may get more funding for next year but are not quite sure.
- Tom said that APHIS would like to try to partner up with lake stewards. They could give out ALB and EAB watch cards. They could also talk to campers about the risk of transporting firewood.
- If the boat launch stewards are looking for a special project, Tom has ideas to get the stewards involved with forest pests.

*Lynn Bogan, NY State Parks:*

- Most boaters go to the OPRHP boater website for safety info, e.g. lifejacket information and boater safety courses. Lynn would like to see the Stop Aquatic Hitchhikers logo and clean/drain/dry information on the front page. Lynn also wants to include more invasive species info in the education section.

*John, DOT:*

- The DOT is developing a document similar to a Unit Management Plan, but for roads. It will include an invasives component for State Route 3. The document will go out for public comment.

*Allison Buckley, Adirondack Council:*

- Allison suggested that partners rally behind the EPF this year.
  - Hilary said that the EPF is the lifeline to invasive species programs for New York. It has been growing since 2005 since invasives was first identified as a line item. The EPF is at \$3.4 million right now; the highest it has been is \$5 million. The goal identified in the 2005 Invasive Species Task Force Report was a minimum of \$10M.

*Beth Gilles, Lake Champlain Lake George Regional Planning Board:*

- The Warren County aquatic invasive species transport law signs are up at 14 locations including marinas, state launches, and state parks with boat launches.

*Lance Durfey, DEC:*

- DEC controlled common reed grass at Webb Royce swamp this summer.
- The DEC made progress on managing feral swine in Clinton County, Town of Peru. They might be down to a single sow in Peru, plus perhaps two males in the Schuyler Falls area. They are hoping that the two males do not find the single female in Peru. Feral swine work is suspended now because of deer season, but will continue this winter.

*Meg Modley, Lake Champlain Basin Program:*

- Boat launch stewards were active on Lake Champlain until the first week in October. They are still crunching numbers. Funding for the program for next summer is undetermined.
- The Basin Program is behind in the federal budgeting process. The budgeting process will occur over the winter, and they hope the funds will come in ASAP so they can distribute them as local grants.
- The Rapid Response Task Force responded to four invasions in 2012: variable-leaf milfoil in the South Lake (Lake Champlain), SWF in the Glens Falls Feeder Canal, SWF in Lake George, and brittle

naiad in Waterbury Reservoir (Vermont). The Task Force is working to secure a contract with the Army Corps and Canal Corporation for a feasibility study for a hydrologic barrier to prevent the movement of aquatic plants and animals between the Champlain and Hudson Watersheds through the Champlain Canal system. Vermont is very committed to getting something done on this as soon as possible.

- There will be a conference in Niagara Falls in April that will provide opportunities to look at canal barriers to prevent aquatic invasive species from moving.

*Laurel Gailor, Warren County Soil and Water Conservation District: (submitted via email)*

- Continued to work with both forest owners and loggers with various programs related to forest pest – insect, plants, diseases, etc. Also do a segment each year for the new Master Gardener trainees in Ballston Spa (generally about 70 volunteers) that covers the gamut of terrestrial invasives – yard, garden, forest... Assisted with the ISAW week in LG Village. Also had a chance to get in the water to help for a couple of days with the Asian clam survey. For 2013 will continue with the educational programs with the above groups, but also look to do the Wasp Watcher program with the 4-Her's.

### **Strategic Plan Discussion (led by Hilary Smith):**

- The Executive Summary describes the primary vision and goals of the plan and will likely be the section of the plan most read. Comments:
  - Should we combine Pathway Analysis and Spread Prevention & Vector Management into one goal?
    - Meg Modley said that this might not be appropriate and it does not make a big difference in the number of goals.
  - Mark Malchoff said that species native to North America, previously south of the Adirondacks, are moving northward. He asked whether they should be considered invasive.
    - Hilary said that if they are native species to North America and moving northward due to climate change, we do not consider them invasive.
      - John (DOT) suggested articulating invasives in the context of climate change in the Executive Summary.

### **Other comments:**

- Caitlin Stewart suggested spelling out “invasive species” instead of saying “IS.” She also suggested having a section for acronyms in an appendix.
- Jane Smith said that under the Education and Outreach Objective e1., lake associations should be named.
- Hilary asked whether we should put more specificity in the Strategic Plan or leave that to the Annual Workplan.
  - Meg Modley said that it is nice that it is broad, so groups searching for grants can easily reference the Plan and its priorities.
- Hilary asked whether the Vision Statement resonated with partners.
  - Mark Malchoff said yes.
  - John (DOT) reminded Hilary to include public lands outside of the Blue Line.
  - Fisheries are also important to include.
- Hilary asked about the approach to seek additional public input. Would it be worth holding public information sessions or attending town or county meetings, or are stakeholders already at the table through the APIPP network (listserv) and meetings.
  - Mark Malchoff said that APIPP is already connected to all the major stakeholders in the region and might not get much from general public. In addition, it's winter and many other interested parties are gone and wouldn't want to delay finalizing the plan.
  - Hilary suggested having partners formally endorse the Plan, perhaps at the next APIPP meeting.

- Partners gave Hilary the green light to finalize the plan.

**Other:**

- APIPP will hold a Japanese Knotweed Management Summit to showcase the great work of RIIPP and provide information to residents and municipalities. The Summit will instruct attendees on how to identify and properly manage and dispose of knotweed and how to start a community-based initiative to eliminate knotweed infestations. It will likely be held in late July 2013.
- The AIS Committee is meeting regularly now, bimonthly. The next meeting is December 12<sup>th</sup>, 1-3PM, and is open to the public.
- Sarah Walsh's Education and Outreach Presentation describing 2012 internship activities is available at <http://www.adkinvasives.com/documents/2012SummerEducationInternSlideshow.pdf>

**Screening of "Lake Defenders"**

Notes drafted by Meghan Johnstone and reviewed by Hilary Smith.