



Adirondack Park Invasive Plant Program (APIPP)

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2009 Annual Action Plan

SPECIES-BASED ACTIONS

EDRR of new **black swallow-wort** infestations along Boquet River, within the Town of Elizabethtown.

Assist with management of **swallow-wort** within Salmon River main stem.

Brown knapweed at Saratoga Battlefield, Federal Institution.

RR on priority **yellow iris** sites within the core area of the PRISM.

RR on **Japanese knotweed** on Finch Lands; Gooley Pond Tract.

Manage **phragmites** at Wickham Marsh.

Collaborate with CCE to learn more about **hemlock disease**.

ED as needed for **emerald ash borer** with DEC Forest Health.

Survey to verify reports of **curlyleaf pondweed** in Lower Saranac Lake (Fern/Knobby Island, leese) and Pack Forest.

Implement year 3 of eradication of European frog-bit at the two known locations in the Grasse River in the Town of Clare, St. Lawrence County. Expand the previous survey area to incorporate surrounding wetlands and riverine habitat. Determine whether or not a wetland permit is needed for further work.

Assist Paul Smith's College with implementation of year 2 of the eradication project for **Eurasian watermilfoil** in Follensby Clear Pond in the Town of Santa Clara, Franklin County.

Assist Paradox Lake community with the eradication and spread prevention of **Eurasian watermilfoil**.

Survey entirety of Fourth Lake (Warren County) for **variable-leaf watermilfoil**.

Survey Harris Lake for **milfoil spp.**

Survey Buck Pond for **naiad spp.**

Continue to work with DEC-R6 to verify no regrowth of **water hyacinth** in the Raquette River near Potsdam.

Collaborate with North Hampton DEC campground staff to implement **spiny waterflea** spread prevention measures. Develop an outreach program with the North Hampton DEC Nature Center about **spiny waterflea**.

Develop a list of non-plant aquatic invasive species that threaten the Adirondack region and use this list to expand APIPP's early detection and monitoring program.

Continue planning with partners to release biological controls in Tupper Lake for **purple loosestrife**.

SITE-BASED ACTIONS

Control terrestrial infestations at all existing APA wetland permit sites.

Control and monitor all Forest Preserve terrestrial pilot sites.

Conduct EDRR at Invasive Species Prevention Zones (PZ) (to be determined).

Collaborate with Fort Drum/DOD to implement peripheral ED surveys of swallow-worts.

Survey the following water bodies: Santa Clara Flow, Forestport Reservoir, Forked Lake, Bog River Flow, Cedar River Flow, Carry Falls Reservoir, Portaferry Lake, Moshier Reservoir, Stillwater Reservoir, Twitchell Lake.

TRAINING SESSIONS

Offer terrestrial invasive plant identification and management training for private sector landscaping businesses during mid-field season, and, as needed, to the Town of Indian Lake's Invasive Species Specialist, DEC Unit Planners, others.

Train the Student Conservation Association team members and the seasonal APIPP Invasives Steward.

Offer at least three aquatic plant training sessions for volunteers. Utilize a diverse array of media outlets for recruitment of new volunteers.

Participate in aquatic training sessions at Canada Lake, Indian Lake, and others as requested.

Offer one or more aquatic invasive plant id sessions for general public and/or past volunteers.

Coordinate training efforts with volunteers of the Residents' Committee/Paul Smith's Adirondack Lake Assessment Program.

Participate in training for Paul Smith's College Watershed Stewardship Program.

Participate in training for Paul Smith's College Volunteer Lake Steward Program.

Offer aquatic invasive plant identification and management training for caretakers and seasonal staff at NYS DEC Forest Preserve Campgrounds, particularly North Hampton for spiny waterflea spread prevention and Paradox Lake for Eurasian watermilfoil spread prevention.

Explore offering training in special topic of interest for partners/volunteers (emerald ash borer monitoring, Asian longhorn beetle identification, etc.)

EDUCATION

Collaborate with Essex County Master Gardeners to plan "Dig it – An Adirondack Green Festival" during Invasive Species Awareness Week.

Continue to inform landowners about identification and best management practices for invasive species.

Develop AIS prevention message and key species to look for on recreational equipment entering campgrounds.

Work with partners to develop an aquatic invasive species spread prevention "rack card" specifically targeted to marinas, outfitters, guides, and hospitality professionals. Create a list of these stakeholders for our region.

Continue working with local Soil & Water conservation districts on conservation field day events.

Update APIPP's 2009 comprehensive invasive species powerpoint presentation.

Assist the coordination of Adirondack Invasive Species Awareness Week (consider planning "weed walks and invasive plant paddles").

Participate in updating the publication, "Adirondack Outdoors," with ADK, WCS, DEC, AFPEP, etc.

Collaborate with DEC to post signage at boat launches designating infected waters in the Adirondacks.

Distribute two brochures: *Adirondack Park Invasive Plant Program*, *Invasive Plants of the Adirondacks*.

Update as needed APIPP's best management practices for general public.

Produce and distribute two newsletters.

Track number of audiences reached through APIPP principal partner presentations.

OUTREACH *(forming new partnerships with specific organizations)*

Build partnerships with Adirondack League Club, Franklin County Cooperative Extension, and the Franklin County Soil and Water Conservation District.

Continue recent work with BASS and begin planning summer activities. Work with NYS BASS Conservation Director to reach BASS clubs in the Adirondacks. Conduct outreach at Lake Champlain BASS tournaments.

Continue to reach out to rooftop communities in Franklin and Clinton counties on aquatic invasive issues.

Build communication and outreach network with anglers, outfitters, guides, marina owners, and hospitality professionals.

Identify public service announcement opportunities (NCPR, other radio, etc) and media outreach opportunities (Press Republication, Adirondack Daily Enterprise, WBNZ, Lake Placid Essex Tourism Bureau, Chambers of Commerce)

Cooperate with Cornell Cooperative Extension offices to share information about invasive species during spring plant swaps.

Work with Soil and Water Conservation Districts to offer non-invasive plant stock in 2010/2011.

Provide invasive species educational materials to Adirondack Council interns, Adirondack Cooperative Loon Project, others as requested.

Participate in community events, meetings, and conferences.

Track number of cold call inquiries to APIPP.

COORDINATION

Coordinate manual management and monitoring for terrestrial invasive plant sites documented on Forest Preserve lands and right-of-ways.

Work with Towns of Inlet and Indian Lake and assist the formation of their multi-town invasive plant partnership.

Orchestrate, submit, and supervise all necessary APA wetland permits.

Participate in the Lake Champlain Basin Program Aquatic Nuisance Species Subcommittee.

Work with Paul Smith's Watershed Stewardship Program to coordinate outreach activities among stakeholders.

Coordinate volunteer monitoring for aquatic invasive plants. Enhance where feasible (revise data sheet, print "APIPP Volunteer" business card).

Invite new partners to join the Adirondack PRISM.

Organize and facilitate biannual principal partner meetings, biannual terrestrial working group meetings, and monthly ANS Committee meetings. Schedule additional meetings as needed.

Assist the coordination and implementation of the Adirondack Park ANS Management Plan.

Coordinate with the Lake George Invasive Species Task Force.

Communicate with other programs conducting lake monitoring (DEC, CSLAP, ALAP, ALSA, ATBI etc).

Collaborate with Department of State, WCS, and local watershed revitalization planning efforts, etc.

Collaborate with other PRISMs.

Contribute information as requested/needed by the Invasive Species Council and Advisory Committee.

PLANNING

Recruit, interview, and hire SCA team members & APIPP Intern. Develop work plans.

Develop criteria and identify Invasive Species Prevention Zones (ISPZ); collaborate with Minnewaska State Park.

Contribute updated information to Unit Management Plans; submit UMP amendments as needed.

Work with DEC, partners, and PRISMs to plan process and funding to implement aquatic and terrestrial response teams.

Use GIS to create maps that help prioritize aquatic and terrestrial prevention and management sites, eg. which lakes in the region have a high risk of invasion. Use layers of DEC campgrounds, public and private boat launches, motorized/nonmotorized waters, proximity to roads, etc., as variables. Other considerations may include areas of ecological, economic, or societal concern.

Develop a plan to initiate a "Participating Businesses Program" for the Adirondacks, similar to the one in Lake George.

Identify staffing, resource needs, and strategies for a comprehensive park-wide invasive species program (boat launch stewardship, response teams, invasive species prevention zones, etc.).

Investigate applicability of remote sensing for early detection / mapping inventories.

Distribute 2008 Annual Report and 2009 Workplan.

FUNDING

Collaborate with PRISMs and the NYS Department of Transportation to develop a proposal for GREEN-TEA Federal appropriations for invasive plant management in ecologically sensitive areas along state route right of ways.

Implement workplans for previously awarded grants: DEC Aquatic Invasive Species Eradication Grants (for European frogbit and for Eurasian watermilfoil); Federal Highway Administration Scenic Byways (Education and Outreach); Biodiversity Research post-management monitoring project; and, DEC Environmental Protection Funding for Partnerships for Regional Invasive Species Management.

Submit proposal to USFWS for spread prevention and education programs.

Assist the development of proposals for the NYS DEC Eradication Grant Program, as available.

Identify and prepare additional grants for programs and projects.

POLICY

Refine/expand Inter-Agency Guidelines for the Management of Terrestrial Invasive Plant Species on State Land in the Adirondack Park (IAG).

Assist the APA, as needed, in the development of a general permit for aquatic invasive species rapid response activities.

Provide information, as needed, to the Invasive Species Council for an aquatic invasive species spread prevention law.

INFORMATION MANAGEMENT

Update invasive plant databases. Begin to utilize Weed Information Management System; coordinate database upgrades with iMap Invasives.

Develop a new GIS project to create lake maps showing where volunteers surveyed that can be uploaded to the APIPP website.

Coordinate website upgrades with Cornell, other PRISMs, and the NYS Office of Invasive Species Coordination. Include aquatic and terrestrial monitoring protocols and datasheets on our website.

Submit voucher specimens to NY Flora Atlas to populate their database.

Maintain annual invasive plant distribution maps.

Maintain website and PRISM list-serve.

RESEARCH (current or potential projects)

Biodiversity Research Institute: Is restoration necessary following invasive plant removal? Assessments of three species in the Adirondack Park. (TNC led)

SUNY ESF: Assessing Private Landowner Knowledge of and Attitudes towards Invasive Species in the Adirondack State Park (graduate student Suzanne Conrad, SUNY ESF)

SUNY ESF: possible project on salamanders and invasive earthworms in the Adirondack Park (Stacy McNulty, AEC and graduate student Caitlin Marie Snyder)

Partner with Lake Champlain Sea Grant to develop a survey to measure awareness among anglers about aquatic invasive species.

Assist partners with any spiny waterflea research projects in Great Sacandaga Lake.

Promote information sharing with the NY Invasive Species Research Institute.

Explore forming a science technical committee for GIS analysis, modeling, and risk assessment.

SEASONAL STEWARDSHIP

Additional seasonal stewardship will be provided by NYS DEC Invasive Species Specialist Wayne Blanchard; Town of Inlet's Regional Invasive Plant Partnership; volunteers, and the various positions listed below:

APIPP Invasive Species Intern - 1

Student Conservation Association invasive species team members (to be determined) - 2

DOT Student Intern Stewards (to be determined)

TNC Adirondack Intern (will focus on aquatic invasives during a 2 week period in summer 2009)

PRELIMINARY SCHEDULE OF ACTIVITIES

January 13	Invited presentation: National Transportation Research Board Annual Meeting
January 23	Invited presentation: Great Sacandaga Lake Advisory Committee Meeting
April 19-23	Poster presentation: International Aquatic Invasive Species Annual Conference, Montreal
April 30-1	Invited presentation: Odum Invasive Species Research Conference
May 1-3	NYS Federation of Lakes Association Annual Meeting (attend)
May 30	Invited presentation: Otter Lake Association (focus on terrestrial invasives)
June 16	Aquatic Invasive Plant Volunteer Training – Bolton Landing
June 18	Aquatic Invasive Plant Volunteer Training – TBD
June 23	Aquatic Invasive Plant Volunteer Training – TBD
July 5-11	Adirondack Invasive Species Awareness Week
July 11	Invited presentation: Canada Lake Association
July 12	"Dig It, An Adirondack Green Festival," Marcy Airfield
July 18	Invited presentation: Indian Lake Association
Sept. 4-6	Participate in spread prevention activities during 90 Miler

Other events and activities will be added throughout the season.

Monthly Adirondack Aquatic Nuisance Species Committee meetings, 2nd Friday, 1-3 at the DEC in Ray Brook. Call ahead to confirm. Hilary Smith, 518-576-2082.

Monthly PRISM Conference Calls, last Wednesday of every month, 11-12, email Leslie Surprenant [ljsurpre@gw.dec.state.ny.us] to be added to the notification list. Summer hiatus during July and August.