



Newton Conservators **E-Bulletin**

Friday, September 16, 2016

... Newton's land trust working to preserve open space since 1961



September/October Open Space Activities!

The Newton Conservators are Newton's own open space and land trust organization and we encourage you to get out and about in Newton and nearby environs! Of special note this weekend is a salamander talk and walk at Kennard Park on Saturday morning and the Annual Paddles and Pumpkins Day at Crystal Lake. We have also added to the calendar our Fall Invasive Pulls as well as the extensive speaker series at Kennard Park. And don't miss the latest electronic edition of the Newton Conservators Newsletter - hot off the cloud.

Events

Through Friday, November 11
The Sculpture Trail at Kennard Park
246 Dudley Road, Newton MA 02459
Friends of Kennard Park

The Friends of Kennard Park and Newton Parks and Recreation are hosting a Speaker Series at the Kennard House, 246 Dudley Road, Newton MA. The talks are relevant to the Sculpture Trail Art Show and the Kennard Estate and abutting Newton Conservation land. Please call to sign up for the talks at Newton Parks and Recreation, ask for Robin McLaughlin (617) 796-1500. Complete information can be found at www.friendsofkennardpark.org/meet-the-speakers-and-artists/

SPEAKER SERIES DATES**September**

- 10th Opening of The Kennard Sculpture Trail, featuring Brita Heimarck and musicians from Berklee School of Music 1 pm
- 11th Walking Tour of the Show Allison Newsome with Clara Silverstein 2 pm
- 14th Mosquito and Tick Education. ShinYi Lau, Dept. of Public Health 4:30 - 5:30 pm
- 17th Salamanders in the Kennard Park Ecosystem. Dr. Eric Olson, Ph.D. 8:30 - 10:30 am
- 17th Poetry Reading with Lawrence Kessenich, Keith Tornheim, and Tom Daley 2 - 3 pm
- 21st The Value of Open Space Land by Jennifer Steel 4:30 - 5:30 pm
- 24th Artist Talk with Peter Diepenbrock and Kit Clews 10 am - 12pm

October

- 1st Artist Talk with Charlet Davenport 10 - 11 am
- 1st Golden Moments for Children in Nature - a workshop for parents by Jennifer Goodman 2 - 4 pm
- 5th Preserving Newton's Open Spaces with Elizabeth Wilkinson 4:30 - 5:30 pm
- 8th Artist Talk with Jean Blackburn "Kennard Web" 10 am - 12 pm
- 8th Artist Talk with Marek Jacisz "Don't Believe Everything You See" 11 am - 12 pm
- 12th Coyotes by John Maguranis 4:30 - 6:30 pm
- 15th Artist Talk with Murray Dewart "Pavilion of the Sun" 10 am - 12 pm
- 15th Peaceful Baby by Sheryl White 2:30 - 3:30 pm
- 18th Newton History and the History of Kennard by Roz Kreizenbeck 4:30 - 5:30 pm
- 22nd Artist Talk with Caroline Bagenal "Strata" 10 am - 12 pm
- 22nd Mindfulness Meditation/Walk Session with Lisa Prajna Hailstorm 2 - 3:30 pm
- 29th Bird Watching in Kennard Park with Maurice Gilmore 8:30 - 10:00 am
- 29th Artist Talk with Anne Spalter "Color Notes at Kennard" 10 am - 12 pm

November

- 5th Artist Talk with Deborah Putnoi 10 am - 12 pm

In the early 20th century, Kennard Park was a gentleman's estate designed and planted with fruit trees and shrubs to attract a variety of birds. The park and conservation land are now owned by the City of Newton. This fall, Friends of Kennard Park have created the outdoor Kennard Park Sculpture Trail. It is the hope to inspire the public's appreciation of how nature and art serve all of us in profound ways. How we, the public, can continue to enjoy the purity that nature offers—inner peace, relaxation, and rejuvenation of ourselves! Kennard Park is a Newton City owned open space. The Friends of Kennard Park in collaboration with the Newton Parks and Recreation, presently residing in the Kennard Park estate, are happy to be hosting The Kennard Park Sculpture Trailthrough November 11, 2016.

The Friends of Kennard Park, Inc., a non-profit organization, established in 2015, serves as a corporation to organize charitable, educational, scientific, purposes including, but not limited to supporting and conserving natural habitats, open spaces, and historic structures such as the Kennard Estate for the benefit, use and education of the general public. Carolyn Kraft, a neighbor to the park and resident of Dudley Road, created Friends of Kennard Park in the efforts to restore the beauty and integrity that the park once was and sustain its use and enjoyment for generations to come.

Visit <http://kennardsculpturetrail.org/> for further info on the organization.



Kennard Sculpture Trail

SEP 10 - NOV 11
2016

OPENING RECEPTION
SEPTEMBER 10TH 1-4PM

Allison Newsome | Caroline Bagenal | Jean Blackburn |
Charlet Davenport | Zoe Friend | Mary Dondora |
Murray Dewart | Peter Diepenbrock | Marek Jacisz |
Carolyn Kraft | Deborah Putnoi | Anne Spalter |
Marco Vargas | Paul Walker | Kit Clews

Site-specific outdoor installations by international artists

FRIENDS OF KENNARD PARK, INC.
246 DUDLEY ROAD, NEWTON, MA 02459

Saturday, September 17 8:30 am - 10:30 am
Salamanders in the Kennard Park Ecosystem - Dr. Eric Olson (Brandeis University)
Kennard Speaker Series, Friends of Kennard Park / Newton Parks & Recreation
246 Dudley Road, Newton, MA



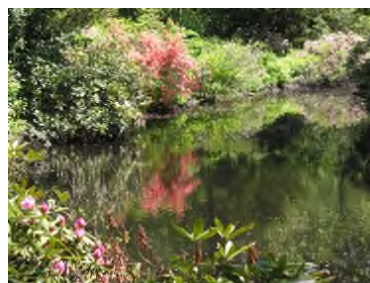
**Sunday, September 18, 1-5 pm (Rain date: Sunday September 25)
Paddles and Pumpkins - Crystal Lake Conservancy
Crystal Lake Bathhouse (20 Rogers Street, Newton Highlands, MA)**

Enjoy a lovely canoe, kayak, or paddleboard ride on Crystal Lake on a crisp autumn day! The Crystal Lake Conservancy and the Newton Parks and Recreation Department invite you to join us for a Sunday afternoon of activities on Crystal Lake. Participants may sign up for half hour slots from 1-4:30pm (off the water by 5 pm) to enjoy the pleasures of canoeing/kayaking/paddle boarding. A lifeguard will be on duty and all participants will be required to wear life jackets and sign a waiver. Children under 16 must be accompanied by an adult while on the water. Support Crystal Lake Conservancy's efforts to keep Crystal Lake healthy. \$10 donation per canoe/kayak/paddleboard. There will be refreshments and pumpkins! Learn about the Crystal Lake Bathhouse - Vision 2020 and ongoing testing and watershed activities to protect Crystal Lake!! Visit www.CrystalLakeConservancy.org or call Janice Bourque at 617-967-0797. Volunteers are needed to help that day! Go to our website to volunteer or go directly to <http://signup.com/go/2ggqEq>

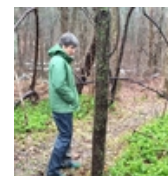


**Sunday, September 18, 2 pm
A Struggle through 300 Years in Chestnut Hill
Historic Newton**

Originally settled by a few farmers in the 1650s, Chestnut Hill retains buildings and structures from each phase of its history. Starting at Mrs. Hammond's 10-acre English style garden and Houghton Garden, now owned by the City of Newton, John Wyman, chair of the Chestnut Hill Historic District Commission since its establishment in 1992, leads a walk down Suffolk Road. Observe one of the oldest houses in Newton (built around 1700), as well as the late 19th and early 20th century architect-designed houses and gardens that followed the introduction of commuter rail service to Chestnut Hill. The tour ends at the 1868 Chestnut Hill Chapel. Meet outside Houghton Garden, 210 Suffolk Rd. Park on Suffolk Road. No pre-registration required. Suggested donation, \$10. Sponsored by Historic Newton. <http://www.newtonma.gov/gov/historic/events/walking.asp>



**Wednesday, September 21, 4:30-5:30 pm
The Value of Open Space Land - Jennifer Steel (Newton Environmental Planner)
Kennard Speaker Series, Friends of Kennard Park / Newton Parks & Recreation
246 Dudley Road, Newton, MA**



**Saturday, September 24
23rd Annual National Public Lands Day**

Our neighborhood parks or beaches to our nation's awe-inspiring national parks, public lands of all sizes and varieties are the places where we live, learn, play, exercise, and relax. In fact, over 30% of America's land is public land. To encourage people to join in and visit their public lands, NPLD is a fee-free day for all federal public lands and many state parks. Whether you volunteer on NPLD, enjoy some boating, hiking, fishing, or camping, or simply learn more about your public lands and the plants and wildlife that live there, we invite you to take this day to enjoy the great outdoors and celebrate the lands that give us so much. Visit <http://www.neefusa.org/public-lands-day> for more info.



**Sunday, Sept. 25, 9:00 am - 12:00 pm
Invasives Pull at Sawmill Brook Conservation Area.
Opposite 120 Vine St., Newton, MA 02467
www.newtonconservators.org/26sawmill.htm**

Sawmill Brook Park is a lovely, long, natural trail that connects Newton to West Roxbury. It has garlic mustard and black swallow-wort infestations (see right) at its entrances and along Lagrange St. and Wayne



Road borders as well as invasions of buckthorn, barberry, and burning bush. We will spend a few hours removing those invasive plants and patrolling previously worked areas. In case of poison ivy, wear long pants and garden gloves. Trash bags will be provided; the plants must be disposed of as trash, not as yard waste. Meet at the Vine Street entrance. Leader is Katherine Howard, 617-527-1796 (home) or 617-721-2571 (cell).



Sunday, September 25, 11 am - 3 pm
Newton Community Farm's Fall Festival
303 Nahanton St, Newton MA 02459

Come enjoy your local farm with an afternoon of fun activities. There will be live music, a kids sing-a-long, pumpkin decorating, face painting, and corn hole for your family to enjoy! And new this year... a Newton Community Farm Scavenger Hunt for adults and kids to do together. We are excited to welcome [b.good](#), who will be offering healthy alternatives to fast food at the event, and will be donating all their profits from the Fall Festival to NCF. In other farm news, there is now enrollment for a late fall CSA, the Farm Stand is open Tue-Fri, 1:30-6 pm, and enrollment for fall kids programs is underway. See www.newtoncommunityfarm.org for more info.



Saturday, Oct. 1, 9:00 am - 12:00 pm
Invasives Pull at Hemlock Gorge
Near 2 Ellis St., Newton, MA 02464
www.newtonconservators.org/21hemlock.htm

We have expanded our efforts to control buckthorn, bittersweet, burning bush, multiflora rose, and barberry infestations inside beautiful Hemlock Gorge Park. Help us keep the invaders out of this beautiful park! In case of poison ivy, wear long pants and garden gloves. Trash bags will be provided; the plants must be disposed of as trash, not as yard waste. Meet at the parking lot at corner of Quinobequin Rd. & Ellis St. at Rt. 9 intersection. Katherine Howard, 617-527-1796 (home) or 617-721-2571 (cell).



Saturday, October 1, 2 pm - 4 pm
Golden Moments for Children in Nature - a Workshop for Parents (by Jennifer Goodman_
Kennard Speaker Series, Friends of Kennard Park / Newton Parks & Recreation
246 Dudley Road, Newton, MA

Sunday, October 2, 8 am
Fall Bird Walk at Nahanton Park (with Haynes Miller)
Newton Conservators Fall Series
Nahanton Park

Nahanton Park offers a mix of woodlands, wetlands, edge habitat and meadows along the Charles River, making it one of the best birding spots in Newton for fall migrants as well as resident species. Bring binoculars if you have them. Beginners as well as experienced birders are welcome. Walking shoes are recommended. Co-sponsored by Friends of Nahanton Park and the Newton Conservators. Meet at the Nahanton Street entrance between the JCC and the Charles. Parking is available inside the park. Cancelled if steady rain. If concerned about the weather, please call. Trip Leader: Haynes Miller (617-413-2419).



Wednesday, October 5, 4:30 pm - 5:30 pm
Preserving Newton's Open Spaces - Elizabeth Wilkinson (President, Newton Conservators)
Kennard Speaker Series, Friends of Kennard Park / Newton Parks & Recreation
246 Dudley Road, Newton, MA



Saturday, October 8, 9 am
Bedrock Geology of Newton and Environs

Newton Conservators Fall Series Hammond Pond Reservation

The geology of the Newton area tells a fascinating story of a time about 585 million years ago when Newton was part of the great southern continent of Gondwana and not far from the south pole. The rocks record a history of great volcanic eruptions and sedimentary basin deposits (the famous puddingstone!) in areas between the volcanoes. Join us and learn a bit about how the rocks tell us their story. This trip will not be one of the usual walks since we will need to carpool to travel to 4 different sites in and around Newton to see the different rock types. Meet in the parking lot at the entrance to the Hammond Pond MDC Reservation area-east, at the west end of Hammond Pond Parkway near Rt. 9, behind "The Street" complex near the movie theatre (see Newton Conservators Walking Trail Guide, p.35). We will visit rocks in the woods near here, then carpool to the other exposures. Cancelled if steady rain. Trip will last 2-3 hours. Trip Leader: Chris Hepburn (617-964-1137)



Wednesday, October 12, 4:30 pm - 6:30 pm
Coyotes - a presentation by John Maguranis
Kennard Speaker Series, Friends of Kennard Park / Newton Parks & Recreation
246 Dudley Road, Newton, MA



Saturday, Oct. 15, 9:00 am - 12:00 pm
Invasives Pull at Auburndale Cove.
Near 104 West Pine St., Newton, MA 02466

We will continue the work started by the students of the Environmental Science Program to remove invasive knotweed from the Cove. The students used weed whip tools to cut the plants back in June, greatly reducing the amount of above ground biomass present for July's work with the youth, but the resprouting was (as always) impressive. By doing a mix of cutting and digging, we can gradually eliminate this infestation, and certainly stop its spread into Flowed Meadow forest, but work has happened only a few times a year. Once a year is nearly worthless. If we can do one more event this year, we'd be that much further ahead. Depending on our turnout, we can first work to get more roots out, then weed whack any plants we don't have time to dig. In case of poison ivy, wear long pants and garden gloves. Trash bags will be provided; the plants must be disposed of as trash, not as yard waste. Meet at the Auburndale Cove Parking Lot, West Pine St. Leaders are Eric Olson, 617-872-9928 and Katherine Howard, 617-527-1796 (home) or 617-721-2571 (cell).



Saturday, October 15, 9 am - Noon
Hemlock Gorge Fall Cleanup
Hemlock Gorge

The Friends of Hemlock Gorge fall cleanup will take place on Saturday October 15 from 9:00 A.M. to 12 noon and be followed by lunch at the Stone Building off Route 9. The details of the start of the cleanup have been complicated by the reconstruction of the Elliot Street Bridge. As usual, spruce-up materials will be supplied and refreshments provided for all volunteers! Please dress appropriately for the work and weather (rain or shine; no rain date).

Please check the website (hemlockgorge.org) in early October. (There's a lot going in Hemlock Gorge.)

The Friends are applying for funds for a new fence at the circular dam, treating the hemlocks for hemlock woolly adelgids and hemlock scale, and working with the MWRA to fix the railings on top of Echo Bridge.



Sunday, October 16, 2 pm (NOTE: Rescheduled from Sunday, September 25)
Newton Cemetery: An Early Public Park
Historic Newton

Did you know that the land that Newton Cemetery occupies now was once used for pharmaceutical and leather factories? Learn about how that industrial land was developed as part of the garden cemetery movement, and why it's important as a green space today. Follow Katy Hax Holmes of the Newton Department of Planning and Development on a walk through



Newton Cemetery, featuring some of the cemetery's most notable "residents." Uneven terrain; wear sturdy walking shoes. Meet in front of the chapel just inside the main gate, 791 Walnut St, Newton Centre. Parking is available in the parking lot to the left of the chapel. Suggested donation, \$10. Sponsored by Historic Newton <http://www.newtonma.gov/gov/historic/events/walking.asp>

Tuesday, October 18, 4:30 pm - 5:30 pm

Newton History and the History of Kennard (by Roz Kreizenbeck)

Kennard Speaker Series, Friends of Kennard Park / Newton Parks & Recreation

246 Dudley Road, Newton, MA

Saturday, October 29, 8:30 pm - 10 am

Bird Watching in Kennard Park with Maurice Gilmore

Kennard Speaker Series, Friends of Kennard Park / Newton Parks & Recreation

246 Dudley Road, Newton, MA



Monday, October 31

Fall Deadline for Newton Conservators Grants Program

The Newton Conservators, Inc. provides grants to Newton's schools, educational institutions, groups, and institutions for the purpose of fostering its mission. The grants are generally modest in size; requests of between \$250 and \$750 may receive priority, although smaller and larger grants will be given full consideration. They can be made for a single event, a longer-term project, or for multiple year funding. Projects for multiple year funding must be reported upon and resubmitted annually. Fall deadline for applications is October 31.



Visit <http://www.newtonconservators.org/grants.htm> for program details.

Newton Conservators Newsletter

Check out the latest edition of the Newton Conservators Newsletter online at http://www.newtonconservators.org/newsletters/16_09.pdf



**NEWTON
CONSERVATORS**

FALL ISSUE

NEWSLETTER

Newton's land trust working to preserve open space since 1961

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Emerald Ash Borer Detected in Newton

By Julia Madole, Newton Urban Tree Commission and president of the Newton Tree Conservancy



Ash Tree at Underwood School



Emerald Ash Borer



Damage Exit Hole

What is Emerald Ash Borer?

Emerald Ash Borer (EAB), Latin name *Agnilus planipennis*, is a small, metallic green beetle of the family Buprestidae (also known as "jewel beetles" because they are shiny). EAB feed on ash leaves, but the real damage is done by EAB larvae, which kill ash trees (genus *Fraxinus*) by burrowing under the bark, thereby disrupting the tree's circulatory system for water and nutrients.

It is native to northeastern Asia, where it is a minor pest, kept in check by several species of native Asian wasps. In North America, it's an exotic, invasive, species. Since EAB was first detected near Detroit in 2002, it's been spreading outward across the U.S. and Canada and has caused the death or removal of over 100 million ash trees. Depending on underlying tree condition, EAB may kill a tree in anywhere from two to seven years.

Its impact has been so great in much of the Midwest that researcher Geoffrey Donovan used the "natural experiment" of rapidly declining urban tree canopy to study the association between trees and human health. His well-publicized study

compared deaths from lower respiratory disease and cardiovascular disease (for which poor air quality and stress are risk factors) between 1990 and 2007 in EAB-affected and unaffected areas. He found that EAB was associated with 21,000 additional human deaths.

Like the more well-known (at least in Massachusetts) — but so-far-contained — invasive Asian Longhorned Beetle (ALB), EAB likely arrived in North America on wooden shipping materials in the mid-1990s. It spreads by flying from one tree to another, but its rapid spread before first being detected is most likely due to movement of firewood. And despite the "Don't Move Firewood" public education campaign to slow the spread of ALB, EAB, and other invasive tree pests, firewood and vehicles with hitchhiking beetles probably still are a vector of spread.

EAB in Massachusetts

It was inevitable that EAB would arrive in Massachusetts. It was uncertain how soon, but when it became clear in the late 2000s that EAB was spreading faster and wider than initially anticipated, demand for ash trees essentially dropped to zero. By 2010,

Continued on page 2

The Newton Conservators publish a newsletter approximately four times a year. It is distributed by mail to the membership and is available online. Extra copies are also available at the Newton Free Library. If you wish to contribute articles or pictures to the newsletter please contact the [newsletter editor](#). Here are some of the must read stories in the latest edition!

- [Emerald Ash Borer](#)
- [President's Message](#)
- [Parenting Young Birds](#)
- [Heyn Riverway](#)
- [Salamanders](#)
- [Invasive Pulls](#) and [Walks](#)



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Newton Conservators e-Bulletin

This e-Bulletin is a free service of the Newton Conservators, Newton's open space advocates since 1961. If you wish to subscribe, just send a note with your request to subscribe to the Newton Conservators e-Bulletin to dolanpond@aol.com or emallist@newtonconservators.org. The current edition of our paper newsletter (for those who don't receive it in the mail) can be easily downloaded in PDF form at <http://www.newtonconservators.org/newsletters/>. Event listings for our e-Bulletin can be sent to dolanpond@aol.com.

Membership & Publications!



Did you know that you can Join the Newton Conservators online. And consider a gift membership for a conservation-minded friend. New members get a trail guide as well!

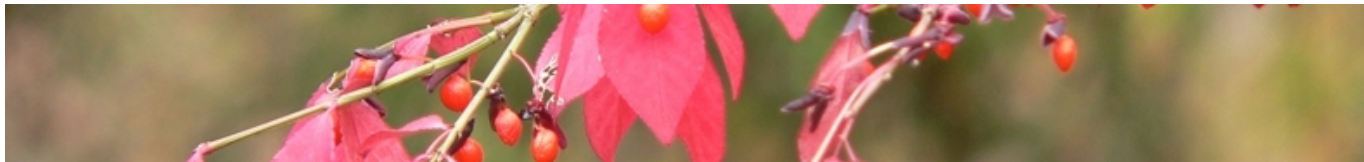
Visit <http://www.newtonconservators.org/membership.htm> for details on membership options. Did you know that you can register and pay for membership, events, buy a copy of our Almanac or newly revised Trail Guide, or make a donation to the Newton Conservators online? The Trail Guides and Almanac are also available at your local Newton Bookstores. Shop Local!



Mission: *The Newton Conservators promotes the protection and preservation of natural areas, including parks, playgrounds, forests and streams, which are open or may be converted to open space for the enjoyment and benefit of the people of Newton. It further aims to disseminate information about these and other environmental matters. A primary goal is to foster the acquisition of land, buildings and other facilities to be used for the encouragement of scientific, educational, recreational, literary and other public pursuits that will promote good citizenship and the general welfare of the people of our community.*

The Newton Conservators organization was formed as a not-for-profit in June 1961.

- E-Bulletin Editor Ted Kuklinski, Newton Conservators (dolanpond@aol.com)



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