



Conservation News

Protecting Open Space on Long Island's North Shore

NORTH SHORE LAND ALLIANCE

Volume 17, Issue 34

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Mayrock property

The Importance of Private Conservation: Celebrating Local Conservation Heroes

Another golf course sold for development. Another hillside cleared of forest for a better view. We are losing our natural areas at a rapid pace. This troubling trend runs counter to calls from scientists to protect more natural areas to mitigate the effects of climate change and better protect plants and animals from extinction. According to the Center for American Progress, more than 75% of the natural areas lost to development between 2001 to 2017 were privately owned.

Currently, 23% of US ocean waters are protected and only 12% of US lands. Moreover, 80% of the land east of the Mississippi River is privately owned. Accordingly, private landowners are integral to the fight to save the planet and, in turn, ourselves.

Private lands contain habitat that is essential to the extremely biodiverse species living on them. 95% of endangered species rely on private land for at least part of their habitat. Nearly 75% of US wetlands are located on private and tribal lands, providing important habitat for birds and aquatic life. Over half of US forests are privately owned, and these lands provide 30% of our drinking water.

(Continued on pg. 3)



Dear Friends in Conservation,

I am a firm believer that we all want to help save the planet. While not all of us have land to conserve, there are actions each of us can take to make the planet healthier. For example, I am inspired by the power of trees as a weapon in fighting climate change and a galvanizing force.

Who can resist the vibrant colors we experienced this fall and the lush green foliage of summer?! Trees are amazingly efficient machines—constantly working to give us a healthier planet. In addition to providing food, shelter, shade and aesthetic beauty, they make important ecological contributions (such as water conservation, soil preservation, air quality improvement, wildlife support and climate change amelioration).

When world leaders gathered in Glasgow last month for the United Nations COP26 Climate Summit, one of the most successful outcomes revolved around trees. While the degree of overall success of COP26 is yet to be seen, the US had a seat at the table and strategies for the future were clearly outlined. These ranged from slashing global carbon dioxide emissions nearly in half by 2030 to curbing methane to avoiding deforestation.

In fact, leaders from more than 100 countries (including Brazil, China, Russia and the United States) pledged to end deforestation by 2030. This landmark agreement reflects a growing recognition of nature's role in helping to address global warming. It covers about 85 percent of the world's forests, which are crucial to absorbing carbon dioxide and slowing global warming.

Large scale actions such as these give me hope. So do individual actions that are taking place around the world every day. As an example, when the Swiss Federal Institute of Technology reported that our planet could support an extra 2.2 Billion acres of tree cover, using lands currently underutilized or areas where forests had been cleared, caring people all over the world took action to plant more trees.

Ethiopia made the Guinness Book of World Records last year with a citizen science community exercise of planting over 352 Million trees during a 12-hour span. Less than one month later, the region Uttar Pradesh in India planted 220 Million trees in one day, representing approximately one tree for every resident of that state. In both countries, citizens participated in these massive plantings, digging holes, watering seedlings and planting hope for a healthier future for our world.

The Swiss study further reported that, over time, these newly planted trees could remove about two-thirds of the estimated 330 Billion tons of carbon emitted into the atmosphere since the Industrial Revolution!

This issue of *Conservation News* focuses on individual stewardship. From protecting land to managing invasive species and from planting native plants and trees to supporting the organizations and elected officials who are advocating for historic environmental programs, there are things we all can do to contribute to a healthier world. We just have to get out there and do it!

This is the season of hope and joy.

With best wishes to you and your family for a joyous holiday and a happy, healthy 2022!

Lisa W. Ott, President & CEO

“The greatest danger to our planet is the belief that someone else will save it.”

~ Robert Swan ~



Von Bothmer property

Today, we would like to celebrate our North Shore conservation champions – the local leaders who have been first to step up to donate their land or permanently protect it with a conservation easement. Their gifts will continue to improve the health of our community for generations to come!

Our 2021 donors include:

Mayrock – The Mayrock family donated a six-acre vacant and wooded lot in the Village of Matinecock, which they retained after the sale of their family home on a separate adjacent lot. The property was a special place for the family, who enjoyed walking the trails among vibrant laurel, beech trees and rhododendron clusters. Having raised their three children in Matinecock, Mr. and Mrs. Mayrock often strolled the trails of Shu Swamp with their kids. The Mayrocks envision their property as a complementary parcel to

existing preserves. Indeed, it provides an important piece of the puzzle in connecting Cushman Woods, Humes and Shu Swamp, enhancing habitat for plants and animals. This generous donation builds on what has been a successful conservation effort in Matinecock, securing its natural beauty for future generations.

Schiff – The Schiff family donated 5.62 acres of predominantly forested land surrounded on three sides by Tiffany Creek Preserve. The 200-acre Preserve, which had originally been part of the Schiff Estate, abuts the property and is owned and administered by Nassau County. It consists of woodland, freshwater wetlands and critical wildlife habitat. The Preserve provides public access to nature in a County that is rapidly losing precious open space to development. This donation increases protected habitat and connectivity to adjoining preserved lands totaling 450 acres and delivers groundwater recharge services.



Williams property

von Bothmer - When the Centre Island Land Trust (a founding member of the Land Alliance) was formed in 1999, its leaders approached Mrs. von Bothmer about placing a conservation easement on her waterfront property. Mrs. von Bothmer preferred not to encumber her land with an easement at that time, but she promised to leave instructions in her will for the easement to be placed upon her death. As we have learned more than 20 years later, she kept her word. Soon after her death we heard from her attorneys, who confirmed her intent to place a postmortem easement on portions of her 9.544-acre property located on Centre Island Road, Centre Island. This beautiful waterfront site will be protected in perpetuity and continue its work in keeping the water in our Oyster Bay Harbor clean. We are most



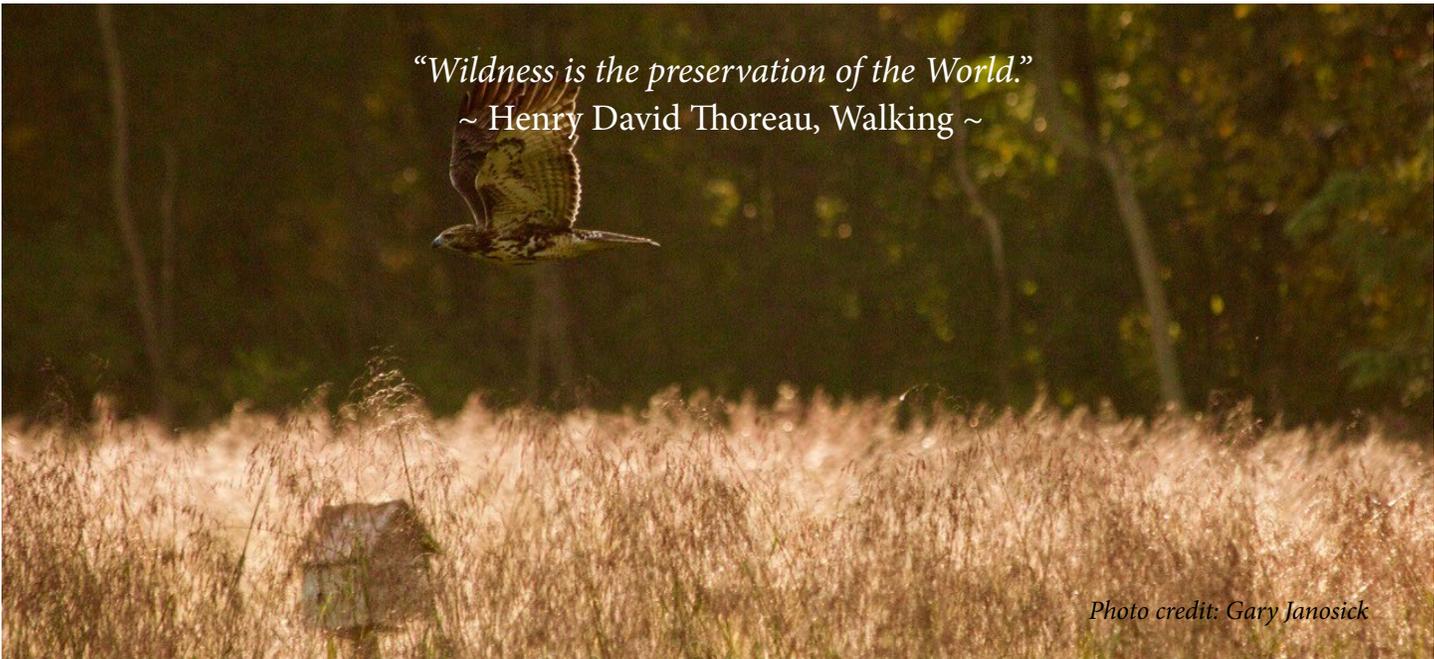
Williams property

grateful to the von Bothmer family for supporting their mother's wishes.

Williams - The Williams family donated a 4.5-acre property adjoining St. John's Church in Lattintown to the Land Alliance for conservation purposes. Several years ago, they lost their home (located on the property) in a fire and chose not to rebuild. This gently sloping property in the Frost Creek watershed is filled with beautiful old trees, small streams and a pond that empties into the Oyster Bay National Wildlife Refuge and the Long Island Sound. This property provides important habitat for plants and animals and will be a wonderful place to enjoy the benefits of nature.

We are most grateful to all the members of our community who have chosen to protect their land through donations of fee title or conservation easements:

the Bacon family, the Braunstein family, the de Roulet family, the Diamond family
the D'Loren family, the DuBois family, the Friedlander family, the Fuschetto family
the Grace family, the Krasnoff family, the Macy family, the Marker family
the Marsiello family, the Mayrock family, the Morgan family, Nassau County
Robert Sabin, the Schiff family, the Stallings family, the Taglich family
the Nature Conservancy, Long Island Chapter, the Towns of Huntington and Oyster Bay
the von Bothmer family, the Wallace family, the Webel family and the Williams family



In our most recent issue of *Conservation News*, we highlighted 30x30, a global goal of protecting 30% of Earth’s land and water by 2030. 30x30 has been discussed in scientific circles for quite some time. It acknowledges the multiple crises we face — the extinction crisis and the climate crisis — both of which are magnified by the rate of habitat loss.

Our North Shore community has the potential to reach this global goal, but we must act now. Based on the Land Alliance’s Community Conservation Plan (which covers our catchment area, from the Queens/

Nassau border to the Town of Huntington’s eastern border and from the Long Island Sound to the Long Island Expressway), we have protected 15% of our natural areas, 7% of which is public land and 8% privately owned. We have identified another 2,108 acres (or 21%) of public and private land that could be eligible for future conservation. It’s exciting to think our community has the potential to achieve the crucial 30x30 goal!

If you are interested in exploring conservation on your land, please give us a call at 516-922-1028.



Schiff property



North Shore Land Alliance Community Conservation Plan Update



To date, 13 villages have been analyzed, including Brookville, Old Brookville, Upper Brookville, Centre Island, Cove Neck, Lattingtown, Laurel Hollow, Matinecock, Mill Neck, Oyster Bay Cove, Muttontown, Old Westbury and Lloyd Harbor. The Land Alliance uses a program called Geographic Information Systems (GIS) to gather data and create maps of the villages. These maps help us catalog lands that have been protected, and more importantly, identify lands that are not yet protected. Of the 34,581 acres of land in these 13 villages, 5,106 acres (or 15%) are currently protected by the Land Alliance, The Nature Conservancy and or our partners in local, state and federal agencies.

Lattingtown and Matinecock provided some interesting data:

- The Village of Lattingtown is comprised of 2,451 acres. Only 7% of its land has been protected to date. The potential to protect an additional 677 acres (or 28%) of conservation worthy land exists.
- The Village of Matinecock is comprised of 1,702

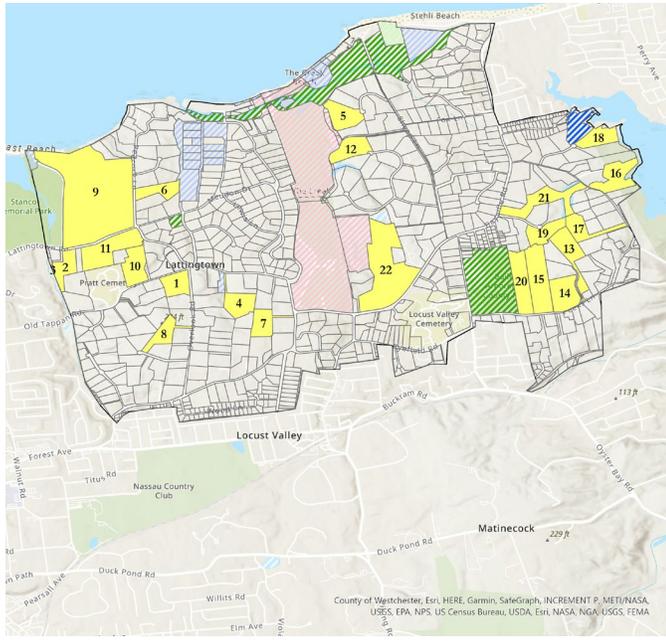
acres. 12% of its land has been protected to date. The potential to protect an additional 469 acres (or 28%) of conservation worthy land exists.

Lloyd Harbor was the first Suffolk County village we mapped, and the results were impressive. Of the 6,822 acres of land in Lloyd Harbor 2,018 acres are already protected! This represents 30% of the entire village. **Congratulations to the Village of Lloyd Harbor are in order.** It is the only village in our service area that has already met the President's 30x30 challenge to protect 30% of America's lands and waters by 2030.

Of course, a good conservationist's work is never done. Our analysis shows that, based on the Village of Lloyd Harbor's zoning laws, there is the potential to protect an additional 682 acres (or 10%).

Now that we have done the analysis, we need to make more conservation happen. If you are interested in exploring conservation opportunities on your land, please contact the Land Alliance at 516-922-1028.

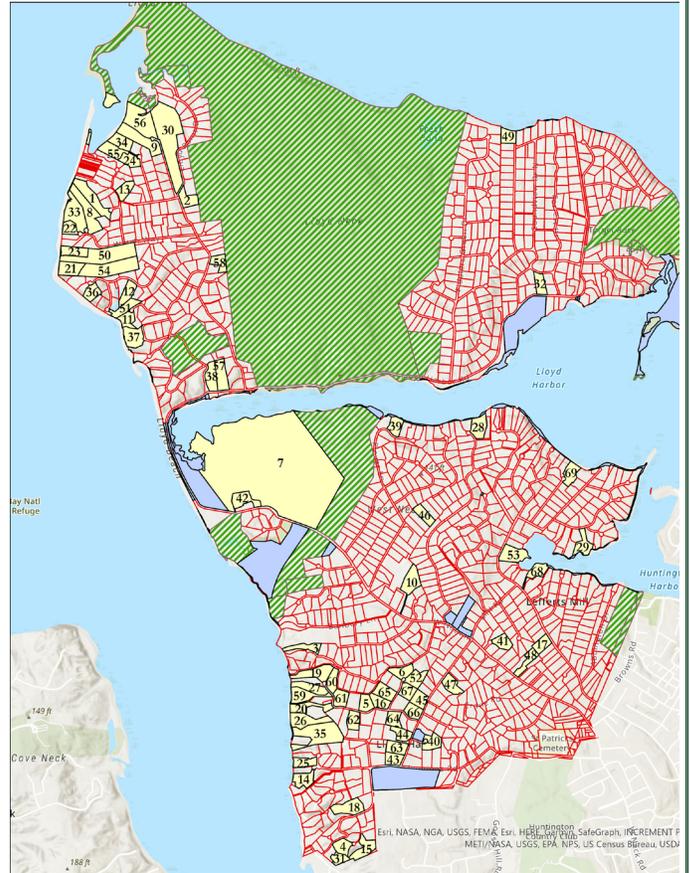
Village of Lattingtown Potential for Conservation 2021



Prepared by Meghan Leverock
April 6, 2021

- Lattingtown Tax Parcels
- Johnson Preserve
- Kate Trube Davison Preserve
- The Creek Club (283.24 acres)
- Braunstein Easement
- Bailey Arboretum
- Potential for Conservation - Lattingtown
- Oyster Bay National Wildlife Refuge

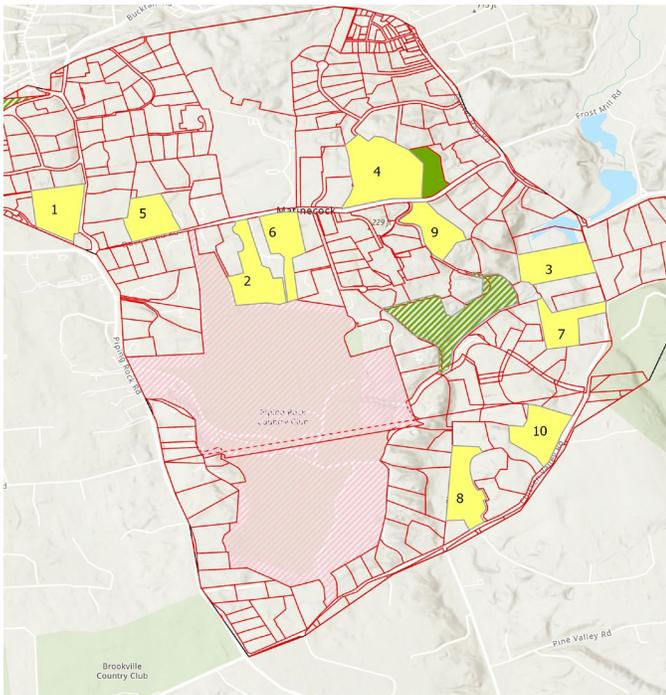
Village of Lloyd Harbor Potential for Conservation 2021



Prepared by Meghan Leverock
July 30, 2021

- Potential for Conservation - Lloyd Harbor
- Lloyd Harbor Tax Parcels
- Protected Open Space - Lloyd Harbor
- Owned by the Village of Lloyd Harbor

Village of Matinecock Potential for Conservation 2021



Prepared by Meghan Leverock
April 6, 2021

- Potential Parcels for Conservation - Matinecock
- Cushman Woods
- MacDonald
- Mayrock (Pending)
- Piping Rock Club
- Matinecock Tax Parcels



Photo credit: Phyllis Weekes

“Here is your country. Cherish these natural wonders, cherish the natural resources, cherish the history and romance as a sacred heritage, for your children and your children’s children. Do not let selfish men or greedy interests skin your country of its beauty, its riches or its romance.”

~ Theodore Roosevelt ~

Happenings at Humes - From Gardens to the Garage



Humes understory trees

We were kept busy with mowing the phase two area of the meadow this year but unfortunately that was more due to controlling weed growth than keeping winter rye from going to seed, (as had been the case with phase one). Last fall's seeding of the phase two area was less productive than phase one's. For this reason, the area will be overseeded shortly. We will follow with adding wildflowers generously provided through a Garden Club of America Partners for Plants grant secured by the North Country Garden Club of Long Island.

The phase one area of the meadow is thriving. It benefited from the addition of bluebird boxes, which yielded chicks in the spring. Much of this activity was monitored by Barbara Garriel and Jan Guga. We were also graced with daily visits by Judy Rasin, whose photographs document the meadow's use by butterflies and other pollinators throughout the 2021 growing season.

The fall was planting time for the native woodland demonstration area next to the nature play area.



Flag pole

Designed and installed by Spadefoot Design and Construction, the project occupies a 4,000 sq. ft. area that not long ago was a dumping ground for Humes Estate weeds and rubbish. Now a short path will enable visitors to explore a suite of native trees, shrubs, ferns and wildflowers typical of the understory of a local woodland.

This past summer new Land Alliance Board Member Oliver Grace launched a \$100K matching grant challenge for improvements at Land Alliance properties. Excitingly, the grant was quickly matched and seeded multiple projects in need of funding. With the Humes Preserve fitness area heavily trafficked, the Land Alliance felt the adjacent garage needed an overhaul to beautify the visitor experience and provide us with much needed storage for tools and equipment. We hired Tim Lyons of LMW Group to do the work and his generosity exceeded our expectations. Unfortunately, no treasure was found during the demolition, only empty wine bottles in the rafters dating back to the 1960's. The restoration included a new roof, up-

dated electrical, new garage doors, paint, shelving and rotted wood replacement among other things. The refurbishment not only looks great but promises to keep people and things dry for years to come. We would like to thank Oliver Grace and those who took part in his matching grant challenge for their generous support and Tim Lyons for his craftsmanship.

Thanks to the generosity of the the Annunziato, Driscoll, Hoyt, Kalenderian and McGlone families a beautiful new flagpole has been installed next to the meadow. These families thought of everything! The new pole has a solar light so the Stars and Stripes can fly over Humes 24 hours a day.

Excitement grows as construction of the new Land Alliance headquarters begins. In mid November, the retaining wall behind the Tavern House was raised and a sturdy new one was installed. This process required several months of engineering, bidding and permitting. The new retaining wall will solve slope and

drainage issues as we get one step closer to the actual restoration of the Tavern House. Simultaneously, the nearby swimming pool was removed to make room for public access to the new Tavern House headquarters. This process began with the removal of all the bluestone around the pool (which will later be used for pathways). Next, the pool had to be pumped of roughly 30,000 gallons of murky pool water. While monitoring the pumping, volunteers noticed the frogs that had called the pool home for so long, were chasing the retreating water. Volunteers sprang into action and grabbed buckets to dutifully rescue the frogs and relocate them to the a nearby pond. Later that week the heavy machinery moved in for demolition and removal of the pool. One thing is certain, there is never a dull moment at the Humes Preserve!

We have more exciting things to come in 2022 as we begin the work to restore the Tavern House and surrounds as the Land Alliance's first ever HQ!



Woodland garden



Refurbished garage

Thank you to the generous donors who contributed to the Oliver R. Grace Charitable Foundation dollar-for-dollar match (up to \$100,000) for improvements at our preserves.



Mr. Lee Alexander
 Mr. and Mrs. J. Bryan Anthony
 Mr. George D. Baker
 Mr. Anthony Barton
 Ms. Olga Berwid
 Mr. Scott Bethune
 Mr. Thomas Bostwick
 Mr. and Mrs. Lawrence Brown
 Mr. and Mrs. Dustin Chase
 Mrs. Virginia Coleman
 Mr. and Mrs. C. Payson Coleman
 Dr. and Mrs. Struan H Coleman
 Mr. and Mrs. Stuyvesant Comfort
 Mrs. Barbara Conolly
 Ms. Florence Danforth-Meyer
 Mrs. Lorinda de Roulet
 Ms. Susan Dembo
 Ms. Millie Dent
 Mr. and Mrs. Daniel de Roulet
 Mr. and Mrs. Carl Doerge
 Ms. Augusta Reese and Mr. Mark Donohue
 Mr. and Mrs. Tim Dooley
 Mr. and Mrs. P. Benjamin Duke
 Ms. Debbie Ecker
 Dr. and Mrs. Steven M. Erlanger
 Mr. and Mrs. Frank Finkel
 Mr. and Mrs. Jack Foley
 Mr. and Mrs. John A. Forlines, III
 Mr. and Mrs. E. Maxwell Geddes
 Mr. and Mrs. David Gelfand
 Mr. and Mrs. Sam Goldworm
 Mr. and Mrs. Oliver R. Grace
 Mr. and Mrs. Austen T Gray, Jr.

Mr. and Mrs. Jan Guga
 Mrs. Mary Jean Gulden
 Mrs. Carole Gutierrez
 Ms. Judith Hecker
 Mr. and Mrs. William I. Hollingsworth
 Mrs. and Mrs. Mark Hopkinson
 Mrs. Paula Hornbostel
 Mr. and Mrs. Philip Howard
 Mr. and Mrs. David Y. Howe
 Mr. and Mrs. Fredd Isaksen
 Ms. Jane Jackson
 Drs. Sonia and Sandeep Jauhar
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 Mr. Peter J Pell, Sr.
 Mrs. Patricia Petersen
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 Mr. and Mrs. Paul Vermynen
 Mr. and Mrs. Richard Weir, III
 Mr. and Mrs. Robert Weissman
 Mr. and Mrs. Carl Wellner
 Mr. and Mrs. William T. Wresch

Wawapek Transformation



Before: Greenhouse interior

Over the past several years, the entrance to Wawapek has been overwhelmed by invasive species, including porcelain berry, multiflora rose, wisteria and mile-a-minute. These invasives, which have grown rapidly this year, have replaced beneficial native plants and effectively strangled several of our great white pine trees. To prevent further loss, the Land Alliance has been forced to take drastic measures.

In October, we hired a landscape company to forestry mulch (pulverize) the invasives and a tree company to remove the dead trees and vines. As we continue to contain the invasives, we will be replanting this 10,000 square foot area with native plants and trees to further enhance biodiversity at Wawapek (while continuing to monitor for signs of future invasive species). To improve curb appeal and delineate the boundaries of Wawapek, we will be adding a split rail fence along the entrance and new plants in keeping with the character of the neighborhood.

This is not the only area of Wawapek where we are currently fighting back against invasives. Over the years, what was once a functioning coal operated greenhouse and a walled garden have also fallen victim. With help



After

from Pat Peterson and those who responded to her matching grant challenge for the Ralf Lange Memorial Garden, we were able to remove the invasive plants that had taken over the site for the garden to prepare it for spring planting. The Ralf Lange Memorial Garden will feature native plants and a gathering area for people to enjoy the beauty that surrounds them.

The Land Alliance is also moving forward with plans to repair the adjoining greenhouse. We will be replacing fallen glass, managing the invasives growing in the greenhouse and adding new paint and work tables.

If you are interested in helping the Land Alliance with any of these projects, please consider becoming a Friend of Wawapek by visiting <https://northshorelandalliance.org/friend-of-wawapek/>

“There is simply no issue more important. Conservation is the preservation of human life on earth, and that, above all else, is worth fighting for.”

~ Rob Stewart, Sharkwater: The Photographs ~

Cushman Woods Meadow



As described in our last newsletter, conversion of a five-acre corner (bisected by a utility line) of Cushman Woods is underway. Following a winter forestry mulching project to do an initial clearing of decades of invasive vegetation growth, we were left with fallen logs, a pile or two of rubble, a number of vine-covered dead and dying trees, (many of which were invasive), and rusting heavy equipment and old fencing. Following the forestry mulching and thanks to a generous donation from the Oliver R. Grace Family Foundation we were able to clear the vines from standing and desirable trees, remove the invasive ones and clear the fallen logs off the site. This clearing made it easier to access the site for the weed management that is and will be occurring over the next year in advance of seeding. As at many of our properties and across Long Island, the growth of invasive vegetation has been particularly intense this year. In addition to the multiflora rose, Japanese honeysuckle and Japanese angelica tree (among other invasives) that have been problematic at the site for some time, mile-a-minute has been particularly egregious at Cushman Woods and other

properties. Removal of remaining debris will occur over the next few months. Meadow design, including selection of a variety of native meadow species with a focus on grasses and a smaller volume of wildflowers, and ordering will be finalized over the coming year. As we've witnessed at Shore Road in Cold Spring Harbor and Humes in Mill Neck, meadows and or grasslands take time! But the habitat values they contribute to a diversity of species (such as butterflies and dragonflies that have captured photographers' attention at Humes this year), and the beauty and serenity they provide harried Long Islanders make them worth the wait.

The planting and ongoing maintenance of the meadow will be accomplished through a generous grant from the The R & V Cushman Charitable Trust. We would also like to thank the Nassau County Soil and Water Conservation District for its generous support of this project.

Expansion of existing trails and road repairs will commence in the spring of 2022.

John P. Humes Japanese Stroll Garden Highlights



As we close open hours for our 2021 season, we are happy to report that the Stroll Garden, like our other preserves, once again provided a place of refuge for thousands of visitors at a time when they needed it most. Over 3,500 visitors left their troubles behind as they walked through the garden gate. Storms like Ida have left their mark, however. We are still recovering from stormwater runoff and soil erosion along Dogwood Lane and Oyster Bay Road that caused significant damage within the Garden itself. While these problems have been with us for many years, intensifying storms impacts on existing infrastructure make the Garden's treasures seem more and more vulnerable. We are grateful for the support of its members and other donors who have helped us restore, to the best of our ability, this magical place.

Several specially scheduled programs were held during 2021:

- Hiroko and Gerard Uruga-Senese of Ryu Shu Kan: Japanese Arts Center in March led a colorful and engaging ZOOM presentation: The Principles of Ikebana (flower arranging).
- We are ever so grateful to Daniel Nyohaku Soergel, who donated a Saturday each month throughout the season to delight and educate visitors with beautiful and haunting sounds from the shakuhachi, a Japanese flute.
- Keiko Kitazawa-Koch led a lovely tea ceremony demonstration at the Tea House for John P. Humes Japanese Stroll Garden members.
- Long Island Bonsai Society member Hal Johnson organized a striking two-day-long display at our kadan and was there for the duration on a wet weekend to demonstrate tools and techniques and field visitors' questions. In future years we hope to upgrade our kadan to provide for optimum display.
- Storyteller extraordinaire Karen De Mauro led an afternoon walk accompanied by Japanese stories, inspiring anecdotes, a group Haiku gathering and reflective moments, delighting children and adults alike.

- Michael Veracka, SUNY Farmingdale Associate Professor in Urban Horticulture and Design, led a very informative and entertaining walk about bamboo in northeastern landscapes – the good, the bad and the ugly!

Weekly volunteer stewardship sessions led by our gifted garden manager, Mary Schmutz, continue year-round, weather permitting.



Hats off to Garden Manager Mary Schmutz, to our volunteer program leaders and to our stewardship volunteers:



Jim Brown
Linda Darby
Melanie Howard
Rich Kopsco
Ken Krumenacker
Sophia Markotsis
JF Purcell
Peter O'Connor

John Rochford
Joel Shaw
Brendan Shek
Mary Shimono
Rose Shimono
Paul Silchenstedt
Elina Thatcher
Stephen Vlavianos

Jeanne Wu

And to our garden attendants:

Mary Shimono
Bob Ventresca
Viscovich family

GOVERNMENT UPDATES

As recognition grows for nature's role in helping to address global warming, so do the funding sources. In addition to government initiatives, the non-profit community is stepping up. In late September, an international group of nine philanthropic foundations made the largest ever donation to nature conservation, pledging \$5 billion to finance the protection of 30% of the world's lands and waters by the end of the decade. This is a massive amount coming from non-government entities!

Just days ahead of the UN COP26 Climate Summit in Glasgow, San Francisco tech billionaire and Salesforce founder Marc Benioff and his wife Lynne announced \$200 million in commitments to plant trees and fund ecologically focused entrepreneurs.



FEDERAL The Infrastructure Bill

On Friday, November 5, the Infrastructure Investment and Jobs Act, also known as the Bipartisan Infrastructure Deal, passed the House of Representatives. The bill passed through the Senate this past August and was signed into law by President Biden on November 15th.

The Act entails an investment of \$1.2 trillion, some of which will be used to fund new climate resilience projects, (such as electric school buses, EV infrastructure, zero-low emission public transit, the removal of lead pipes and harmful chemicals [PFAS and PFDS] to improve drinking water, and pollution remediation). These investments are part of a comprehensive effort to both build resilience against the climate crisis and completely stop it in its tracks. The Act marks the largest investment in infrastructure in history. Included in the legislation is a preference for the use of native plants in all infrastructure projects.

It has been reported that \$170 billion will be directed to New York for infrastructure projects. These projects include \$11.5 billion for highways and roads, \$1.9 billion for bridge repairs, \$58 billion for water quality improvement projects (e.g. sewers, flood control and the replacement of lead pipes), \$142 million for electric vehicle charging stations and more.



NEW YORK STATE 2022 Legislative Agenda

Governor Hochul has already announced her intent to include in her executive budget proposal a \$4 billion Clean Water, Clean Air, and Green Jobs Bond Act for the 2022 ballot. These funds are in high need across the state and would help communities protect clean water, cut pollution that causes global warming, conserve family farms and forest and create tens of thousands of good jobs. The Land Alliance is a member of a statewide coalition to shape this measure and ensure its passage on the November 2022 ballot.

In addition to the Bond Act, efforts are underway to secure robust funding for environmental programs and state agencies in the 2022 state budget. Budget priorities include:

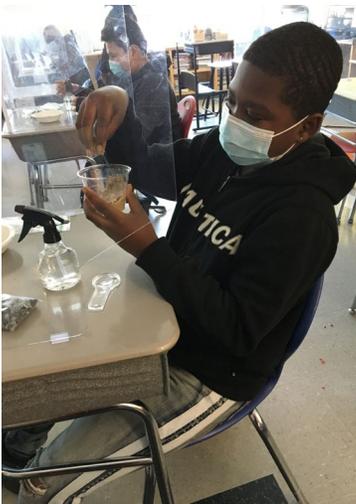
- Grow funding to \$500 million for the Environmental Protection Fund. This program funds new parks and trails, reduces air pollution, improves water quality, preserves wildlife habitat, reduces waste and supports zoos, gardens and aquariums. It also supports 350,000 jobs across the state and has a 7:1 return on investment for New York.
- At least \$1 billion for the Clean Water Infrastructure Act, which funds projects that protect clean water and modernize water and wastewater infrastructure. With more than \$80 billion needed

for infrastructure updates in the next twenty years, this is an important opportunity to create jobs, improve public health and protect people from extreme weather. These funds enable communities to reduce flood risk, safeguard clean drinking water and prevent pollution from reaching our lakes, rivers, bays and harbors.

economy and way of life. But state agencies have been understaffed since 2008, and it is critical they have the staff and resources they need to provide people safe access to nature, protect our natural resources, support local governments, institutions and businesses and meet the goals of the Climate Leadership and Community Protection Act.

- Increase resources for state environmental agencies. During the pandemic, we saw visits to parks, trails and nature preserves skyrocket as people rushed outside to connect and find solace. Public recreation is a cornerstone of New York's
- Grow the Land Trust Alliance New York State Conservation Partnership Program from \$2 million to \$3 million and the Forest Conservation Easement Program to \$5 million.

North Shore Land Alliance Long Island Water Education Program Continues Despite the Challenges of the Time!



After several months in 2020 of not being able to provide classes, our educator Karen Mossey's valiant attempts to deliver the program virtually were successful. Even though outside teachers were not invited into the classroom, 1,350 students received the program in spring semester this year thanks to Karen's ingenuity. She created an instructional video, packed up and delivered individual aquifer kits for students to the schools and facilitated the experience virtually. She has even returned to the classroom in a few schools this fall. The photos on these pages tell the story.

Launched in 2014, the Land Alliance's Long Island Water Education Program teaches students across Long Island about where their drinking water comes from (our sole source aquifer) and the link between land conservation and protecting our water resources.

Many thanks to the Scott's Miracle Grow Foundation for endowing this program and for upping their contribution to cover additional supplies.

Invasive Species Proliferation on Long Island



Mile-a-minute/Persicaria perfoliata

As noted in a recent NY Times article, over the past 120 years, voracious insects and other pathogens have swept across North America with frightening regularity. They have devastated the American chestnut, the American elm and the Eastern hemlock as well as with ash and beech trees. These trees have anchored ecosystems, human economies and cultures.

Invasive plant species have long been a problem. This year's accelerated growth, caused by factors associated with climate change, is a stark reminder of their threat to biodiversity and forest health. Invasive plants like porcelain-berry, mile-a-minute and multiflora rose are blanketing our landscape, overtaking native plants and trees and choking them to death.

Not all non-native species are invasive. The definition of a non-native or exotic species is one occurring outside its natural range as a result of actions by humans. According to the New York State Invasive Species Task Force (final report, fall 2005), an invasive species is a plant or animal that is (1) non-native to the ecosystem under consideration and (2) whose introduction causes



or is likely to cause economic or environmental harm or harm to human health. The 12% or so of non-native species that are invasive wreak havoc on our land and water, devastating wildlife habitat and ecosystems. Over the last 50 years, invasive species have cost the world \$1.4 trillion in social and economic impacts (property values, agriculture, utility interruptions, fisheries, etc.) According to a 2013 National Invasive Species Awareness Week economic report:

The estimated damage from invasive species worldwide totals more than \$1.4 trillion, or five percent of the global economy. The annual U.S. cost from invasives is estimated to be \$120 billion, with more than 100 million acres affected (i.e., about the size of California). A NASA report, heralding a novel effort to monitor the progress of alien species via satellite, placed the economic cost of invasive species in the United States between \$100 billion and \$200 billion.

Unfortunately, with many populations the spread has been so severe that eradication is no longer an option.

To grapple with management, in 2007 Nassau and Suffolk Counties – the first areas in New York State to do so - finalized Do Not Sell Lists, establishing legislation prohibiting the distribution of about 60 invasive plant species. The State followed a few years later with a comparable list.

A number of strategies help discourage the spread of invasives:

1. Prevention of new invasions.
2. Rapid detection and eradication of new invaders and outliers.
3. Management of established infestations to prevent spread (contain, suppress, restore).
4. Monitoring using established protocols.
5. Public education.
6. Research (species attributes, impacts, control, etc.)



Burning bush/*Euonymus alata*

What You Can Do:

- Watch the NYS Department of Environment Conservation's documentary Uninvited: The Spread of Invasive Species on YouTube (<https://www.youtube.com/watch?v=NKh8Lc31rm8>)
- Promote native alternatives to invasive plants.
- Do NOT purchase, plant or transplant any invasives (even if they're legal).
- Expand your selection of native plant stock and grow species native to Long Island.
- Monitor your property and eliminate invasives from your yard and garden when possible.
- If removal is not feasible, carefully remove fruits and berries to help minimize spread/reduce the seed source of invasive plants.
- Do NOT dump unwanted aquarium plants or animals or landscaping debris in natural areas and waterways.
- When visiting garden centers, find out if they're in compliance with Do Not Sell legislation – notify County Consumer Affairs if they are not.
- Participate in Invasive Species Awareness Week.
- Visit the Long Island Invasive Species Management Area website for guidance in species identification and removal as well as how to document locations of invasives on mapping tool iMapInvasives (imapinvasives.org)
- Volunteer with North Shore Land Alliance!

The Value of Coastal Areas: What is Shore Road Doing for You?



Shore Road Sanctuary is an eight-acre nature preserve. It features a salt marsh, grassland and wet meadow that is very often partially submerged by water. As you walk there, you may notice birds hidden amongst the grasses and fiddler crabs scuttling along the beach. You might even get lucky and spot a horseshoe crab pulling itself along the sand in shallow waters. A community of prickly pear cactus nursery grows alongside the trail and milkweed plants in the pollinator garden offer a home to the larvae of monarch butterfly. But this preserve does a lot more than provide a habitat for these organisms.

Firstly, one of the most important aspects of coastal settings such as this is their role in keeping the water clean. Shore Road Sanctuary is located alongside Cold Spring Harbor, which, in addition to being the home and feeding area of numerous fish, birds and mammals, is a popular boating and water recreation site. All of these species, humans included, depend on the water in the harbor being clean. Natural settings like Shore Road act as buffers between the harbor and

sources of pollution like streets and lawns. When it rains, the stormwater will fall in areas like a suburban neighborhood and drain out, eventually to the ocean. As the water drains, it picks up pollutants and carries them along its journey. However, as the water makes its way through Shore Road, the plants in the grassland act to soak up the water and filter out some of those pollutants, preventing them from reaching the nearby harbor.

One of the pollutants removed by the grassland plants and the salt marsh is nitrogen. Nitrogen is commonly found in fertilizers used on lawns, as well as in car exhaust. Though it is the most common element in the atmosphere, nitrogen when found in the water can cause harmful algal blooms that destroy aquatic ecosystems. High concentrations of nitrogen in our water supply can also cause birth defects in humans. Plants that are generally submerged in water can actually use nitrogen in the process of respiration in place of oxygen and return the nitrogen to the atmosphere. This process is most pronounced in shallow marshes submerged most

of the time. Shore Road is coastal, but if you look at the sands near the low tide line, you'll notice that they tend to be dark and more like mud. This is an indication that there isn't much oxygen there and is a good sign that the nearby grasses are helping to remove nitrogen from the area.

These dark muddy sands are also indicative of high carbon storage. Marshes and other wetlands actually store more carbon than rainforests. Though it is important to preserve many different types of ecosystems, wetlands like Shore Road have some of the highest potential to help combat climate change. The more coastline that is lost to development, the smaller the world's carbon storage potential is.

Another two-fold impact of Shore Road occurs through the process of chemical weathering. Rocks break up in two ways: physically as wind and water wear away at them, and chemically as acid rain reacts with the rocks it encounters. This process actually helps to deacidify the

water in the harbor and contributes to carbon storage. Ions released into the water by chemically weathered rocks bond with loose hydrogen atoms (which are responsible for making things acidic), causing the acidity of the water to decrease. Other ions released by this process contain carbon from acid rain and are used by organisms to build shells and are eventually buried in the sand. In this way, chemical weathering draws carbon from the atmosphere and returns it to the earth over a period of hundreds of thousands of years.

Areas such as Shore Road are critically important in providing an array of benefits to mankind. Their preservation is essential to ensuring that we have clean, safe water for ourselves and for other species with whom we share the planet. They also play a major role in effectively responding to and reversing anthropogenic climate change.

The next time you visit Shore Road, you may decide to think about it differently.



Photo credit: Phyllis Weekes

Water Quality Improvement Program Update



In November, a Sea Cliff resident successfully installed Nassau County's first ever nitrogen-removing clean water septic system. After Hurricane Ida flooded this homeowner's basement and collapsed the cesspool, he began research on how to upgrade to a clean water septic system. The homeowner applied for and was awarded grants from both Nassau County and New York State to supplement the acquisition and installation of the new system. When all was said and done, the homeowner paid significantly less for a clean water septic system than he would have paid for a conventional cesspool and septic tank. It was a win-win for the homeowner's wallet and Nassau's water quality.

For decades, the North Shore of Nassau County has been plagued by harmful algal blooms, dense invasive seaweed, fish kills and beach closures. These problems are the result of nitrogen filled wastewater leaking from septic tanks and cesspools into our waters. To reduce nitrogen levels to comply with EPA guidelines, the North Shore must upgrade more than 20,000 septic systems with clean water technology.

In addition to reducing nitrogen in our bays, beaches and harbors, it is critical that we treat septic wastewater before it contaminates our drinking water. Our community sits directly above the Oyster Bay Special Groundwater Protection Area, where fresh water replenishes a deep recharge aquifer. Any untreated wastewater that flows into the aquifer will eventually make its way into our drinking water.

But there's good news – it's a fixable problem if we act now. Clean water septic systems, which can remove more than 70% of nitrogen from wastewater, convert toxic liquid wastewater into a harmless gas by harnessing natural processes.

As of May 2021, Nassau County homeowners and small business owners became eligible for grant funding from the Soil and Water Conservation District's SEPTIC program. It can cover up to 90% of the cost to install. Of the 200 available spots, more than 115 applications have been received and 20 clean water septic tanks are on their way to being installed. With support



from the Land Alliance's Water Quality Improvement Program (WQIP), Nassau SEPTIC successfully secured an additional \$2 million in funding from the American Rescue Plan, bringing the total SEPTIC grant to \$20,000 per applicant. If you are interested in applying for a clean water septic grant, please reach out to our WQIP Coordinator Kat Coughlin. She can assist you with every step of the application and permitting process (free of charge).

Our WQIP was designed to improve local water quality. To do so, we need to reduce the source of the nitrogen that is polluting our waters. Thanks to the leadership of The Nature Conservancy and funding from the

National Fish and Wildlife Foundation and Scotts Miracle-Gro Foundation, we have the capacity to help homeowners and small business owners move through the process as quickly and easily as possible.

Nitrogen pollution in our waterways is a problem we can fix. Converting conventional septic systems to clean-water models is a critical step. Working together, we can restore and protect Long Island's waters. Our future depends on it.

For more information on how you can get involved Go to www.upgradeyourseptic.org or call the Land Alliance at 516-922-1028.

NYS Polystyrene Ban Goes into Effect on January 1, 2022

In 2020, New York adopted the nation's strongest statewide ban of expanded polystyrene, single-use foam food and beverage containers, and polystyrene loose fill packaging materials, commonly known as packing peanuts. The ban will become effective on January 1, 2022. Foam packaging is one of the top contributors of environmental litter, causing negative impacts to wildlife, waterways and other natural resources, as well as littering our communities and natural areas. It is lightweight, breaks apart easily, and does not readily biodegrade. When polystyrene foam ends up as litter in the environment, it can persist for a long time and may also become microplastic pollution. In addition, foam containers and loose fill packaging, such as packing peanuts, are not accepted in most recycling programs in New York State because the foam is difficult to recycle and has a low value.

Many thanks to New York State for protecting our communities from harmful plastic pollution.

2022 Walks in the Woods and Other Cool Things to Do Outside



Saturday, February 5, 10:00 am
Hallock State Park Preserve, Jamesport
Led by MaryLaura Lamont

Winter botany is challenging, but it's fun to learn the differences among trees, shrubs and other plants. By using buds, seeds and bark we will observe a variety of plants growing at Hallock State Park Preserve. Learn differences among the hickories, oaks, tupelos and more! We will also observe and identify all the birds we can find this time of year. At a minimum, Hawks, sparrows and seabirds will be found. You will also hear about the cultural history of this 225-acre preserved piece of land. Be prepared to walk about 2 miles past fields and woods through trails that lead to Long Island Sound. Joint program with the Long Island Botanical Society.

Sunday, March 27, 11:00 am
Caumsett State Park, Lloyd Neck
Led by Virginia Dankel

While most of us are fortunate to have a warm bed to

crawl into at night, it's interesting to know that you could survive in natural areas like Caumsett if you ever needed to. This hands-on program will teach you how to find food, start a fire and build a shelter. There will be some sitting on the grass.

This program should be of particular interest to participants 18 and older and those who love to camp.

Saturday, April 23, 10:00 am
Humes Preserve, Mill Neck
Led by Michael Kliger

After a long winter, we're all eager to get out of our houses and wander out into the stark, tawny woodlands of early spring, to see little shoots and delicate blossoms emerging. Spring ephemeral plants are the first plants to pop up in spring and the first to flower. Join us on the trail for spring's fleeting wonders! Learn about responsible foraging in our local woodlands.

Sunday, May 8, 9:00 am
Sound View Dunes Park, Southold
Led by John Turner

Explore Sound View Dunes Park's 57 acres of beach, dune, wetland and forest habitats with one of Long Island's most famous naturalists. John Turner was a co-founder of the Long Island Pine Barrens and is the author of *Exploring the other Island* – a classic guide to the natural world of Long Island. Attendees will experience firsthand how remarkable it is that so much of the natural world remains to explore our island that is home to nearly eight million people (as well the native fauna Turner so affectionately describes). The focus will be on birds during the spring migration.

Saturday, June 4, 10:00 am
Garvies Point, Glen Cove
Led by Dan Kriesberg

There is so much we can learn from wild nature. Dan will help us better understand how interrelationships that make an ecosystem stable and productive can also teach us how to have a more diverse, equitable and inclusive human community. By observing firsthand how biodiversity and symbiosis function in an ecosystem, we can mimic wild nature and apply these services to our own lives.

Saturday, July 9, 8:00 am
Tiffany Creek Preserve, Oyster Bay Cove
Led by Stephane Perrault

From brilliantly colored hummingbirds to predatory red-tailed hawks, birds are among the most beautiful and bizarre creatures on Earth. They also provide us with important scientific data. As populations of birds change, those fluctuations may indicate shifts in pollution levels, climate change, habitat loss, migration timing and more. Please join ornithologist Stephane Perrault to learn about bird identification and breeding behaviors used to collect data for the New York State breeding bird atlas.

Saturday, September 24, 2:00 pm
Oceanside Marine Nature Study Area, Oceanside
Led by Peter Martin

This 52-acre preserve is devoted to environmental education and natural history. Join naturalist and educator Peter Martin to learn more about the tides, Long Island's glacial geology, barrier beach and estuarine formations, micro algae, the movements of insects and birds and barrier beach flora and fauna as the seasons change.

Sunday, October 9, 11:30 am
Cushman Woods, Matinecock
Led by Jane Jackson

The Land Alliance's Cushman Woods has come a long way since its acquisition in 2015, thanks in large part to support of local community members. Learn about some of the plants and wildlife that occupy the preserve as we explore its hilly woodland trails, ending at what was once a weed-covered utility line to learn about the meadow installation underway.

Saturday, October 22, 10:00 am
Cranberry Bog Preserve, Riverhead
Led by Andy Greller

Cranberry Bog Nature Preserve, a tiny jewel set in the wetlands of Riverhead, is what remains of an abandoned cranberry-growing operation. The 165-acre preserve serves as part of the drainage system of the Peconic River and is a natural reservoir for Long Island's fresh water supply. The acidic marshes, bogs and wetlands of the surrounding area made it an ideal habitat for growing cranberries. Hiking trails on the property allow for sights of the Little Peconic River, various plant life, birds species, reptiles and other local wildlife.

Join us at this magnificent preserve when mushrooms, cranberries in the bog and fall color make it the most beguiling time of year

Saturday, November 19, 2:00 pm
Environmental Education and Discovery
(CEED), Brookhaven

Led by Eric Powers at Center

Join CEED staff at Long Island's newest nature center for a tour of their site, a look back at its history, and a look forward to future plans. Of course, we will be on the lookout for overwintering wildlife, tracks and other signs of animal life on the grounds. Depending on the status of renovation, we might also tour the inside of the Lodge, built in the late 1800's. Prepare to be amazed at how CEED is merging history, wildlife, art and education in meaningful ways.

Saturday, December 10, 11:00 am
Beaver Brook Corridor, Mill Neck
Led by Jane Jackson

The Beaver Brook watershed's biodiversity is noteworthy for Long Island – even though it is a mere 20 miles from New York City. Spanning parts of Matinecock, Upper Brookville and other villages and much of Mill Neck, the Beaver Brook watershed is one of Long Island's most treasured and ecologically valuable natural areas. The brook starts as a trickle between Piping Rock Club in Locust Valley and Planting Fields Arboretum in

Upper Brookville. It flows northward, forming a small pond before it passes under Oyster Bay Road. There it enters Upper Francis Pond, where a pair of Osprey have nested for years. After narrowing to a creek again for a few hundred feet at the spillway at the pond's northern edge, it forms Lower Francis Pond and then passes through a culvert under Frost Mill Road. North of that it flows into the Humes Preserve; continuing northward the brook enters Shu Swamp. Finally, the brook makes its way to Beaver Lake, beyond which the Mill Neck Creek estuary passes into Long Island Sound.

With a focus on covering some ground in this spectacular corridor of conserved land, this hike will warm you up!

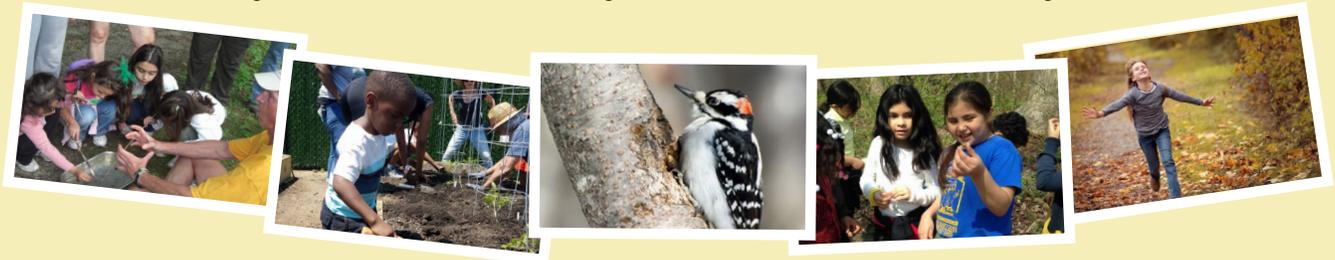
Kayak Trips

Wednesday, July 13 (full moon), 6:00 pm
Shore Road Sanctuary
Cold Spring Harbor

Saturday, September 17, 2:00 pm
North Hempstead Beach Park
Port Washington

Land Alliance YOUNG EXPLORERS Group

Perfect for ages 4-11. These activities are designed for families to learn more about the great outdoors!



Save the dates for our 2022 programs!

July 18, July 23, August 27, October 29 (Halloween themed)

Registration is required. Register online at www.northshorelandalliance.org/events. Each activity is limited to 10 children. For more information, please contact Meghan Leverock at meghan@northshorelandalliance.org or call 516-922-1028.

Roosevelt Community Garden - New Friends and New Programs

This year, we engaged more than 50 youth, ages 4-11, at the garden. We hosted fun, educational programs to help connect them (and their families) to the Garden and help them better understand the importance of protecting nature.

It was a pleasure to welcome members of the Unitarian Universalist Congregations at Shelter Rock and Freeport to the Garden for our monthly volunteer days and our fall Fish-fry fundraiser, where visitors had the chance to taste authentic Jamaican cuisine.

Special thanks to the O'Neil Conservation Stewards for helping to weed, mulch and install landscaping materials throughout the Garden to help prevent weed problems next year.

And many thanks to the Master Gardeners from Cornell Cooperative Extension of Nassau County for facilitating our monthly educational programs to teach our members how to be better gardeners.

Members from the Unitarian Universalist Congregations at Shelter Rock and Freeport



William Sanok, President of the Agricultural Society of Queens Nassau and Suffolk Counties Inc and Lynette Frey visited the Garden to promote the Long Island Fair



Birds, Bees & Butterflies: A Pollinator Project led by Math, Science and Technology Specialist Mrs. Beasley, Roosevelt Union-Free School District



Bird, Mammals and Reptiles Demonstration led by Volunteers for Wildlife



Long Island Cheese Pumpkin. seedlings donated by Ben Jankowski

Thank you to all the generous donors and volunteers who contributed to the Garden's success this year. Your support is truly appreciated!

And special thanks to Nassau County for providing us the land on which we grow.

North Shore Land Alliance Volunteers for Open Space Program



Volunteers helped install a new demonstration planting area in the Hope Goddard Iselin Preserve Meadow.

Recently, volunteers helped install a new demonstration grassland planting area in the Hope Goddard Iselin Preserve meadow. Together, we were able to remove many of the invasive plants growing in a portion of the meadow, lay down cardboard and mulch to prevent them from growing back and plant native purple lovegrass, little bluestem and purpletop grasses along with showy goldenrod and sweet everlasting wildflowers. This couldn't have been accomplished without the help of the Grenville Baker Boys and Girls Club, Yusra Mir and Hafsa Raza of One World Girl

and some of our dedicated long-time volunteers: Ken Krumenacker, Peter O'Connor, Elina Thatcher, Stephen Vlavianos and James and Sophia Markotsis. Invasive plants are detrimental to the overall biodiversity and resilience of local ecosystems, and this project will help native species reclaim some space so that they can continue to grow and thrive on Long Island.

It was a big endeavor that required many hours of work. Our volunteers ensured that the project proceeded on schedule through their perseverance and innovative thinking. We are grateful for financial support and guidance from the Nassau County Soil and Water Conservation District for this undertaking.



Volunteer Spotlights:



Jericho High School Students led by Brendan Shek

Brendan Shek has been volunteering with the North Shore Land Alliance since this past spring. Despite being busy with high school during Covid, he took the initiative to contact us to find volunteer opportunities for himself and his sister. Not only did he exhibit an excellent work ethic, he decided to get some of his fellow students at Jericho High School involved as well. After school began in September, he began volunteering almost every weekend with a handful of students rather than by himself. Together, the group has cleared wide swathes of invasive species from the preserves. They have worked diligently on removing English ivy from Humes, mile-a-minute from Red Cote and Wisteria from Wawapek. Additionally, they have installed deer fencing to secure

native trumpet honeysuckle vines and even transplanted grasses in the formal garden at Humes.

One of the goals of the group is to learn about invasive species. This includes being able to identify them, teaching others how to identify them and remove them before they take hold on their own properties. In fact, this coming winter, they intend to develop a guidebook to help future volunteers identify invasive plants at our preserves.

Thank you, Jericho Students! You all have been doing great, and we're incredibly lucky to have such an enthusiastic and energetic group volunteering with us.

Mary Shimono



Mary has been a dedicated, hardworking and valuable volunteer. After spending five years in the US, Mary is moving back home to Japan. In her time with us, Mary spent many hours working in the John P. Humes Japanese Stroll Garden, both greeting visitors on the weekends and stewarding the Garden (under the supervision of Stroll Garden Manager Mary Schmutz) during the week. Her demeanor was key in keeping the Garden a peaceful and enjoyable space for everyone.

Mary, along with her daughter, Rose, has also volunteered at other preserves. From Shore Road to Iselin, she has explored a wide variety of Long Island landscapes and improved the quality of each.

We are so thankful to Mary for her many contributions and wish her well as she returns to her home country of Japan.

Heritage Committee Summer Cocktails by the Meadow



The annual Heritage Committee Summer Garden Party took place on a beautiful July 15th evening at the Humes Preserve. Over 50 guests enjoyed cocktails, delicious Pinon's Pizza and live music by the spectacular meadow. The Land Alliance would like to thank all who attended and contributed, especially event Chair Laura Van Ingen, Lead Sponsor Hawthorne Gardening Company and Event Organizer Jenny Einhorn.

Originally organized almost a decade ago by several of our younger members, the Heritage Committee's

purpose is to engage the next generation, many of whom have returned to the community to raise their families, in local land and water conservation efforts. At the time one of the committee's lead organizers, DR Holmes, was asked why they named the group the Heritage Committee. He said, "This is our heritage. This is the place where we grew up. It is our job to maintain this wonderful quality of life for our families and future generations."

18th Annual Wine Auction & Dinner



This year's 18th Annual Wine Auction & Dinner, titled "Land & Sea Party", took place on Saturday, October 2nd at Groton Place, the beautiful, preserved property of Land Alliance trustees, Julie and Luis Rinaldini.

The theme, which was brought to life with green and blue up lighting and "Land and Sea"- themed centerpieces, was a tribute to the advancement of a historic national conservation vision, called the 'America the Beautiful Plan' (or 30x30) - an effort to protect 30% of US lands and waters by 2030 to address biodiversity loss and the impacts of climate change.

The sold-out crowd was greeted by the Rinaldini's adorable miniature ponies and waiters offering BlueTini's in honor of the 'Sea'. Guests entered the grand oak doors of the historic dairy barn where the stalls were filled with a variety of unique and specialty wine offerings.

As guests continued on, they moved into a beautiful open air tent for cocktails and the opportunity to bid on over 80 silent auction lots, including items such as an Alerion 28-foot sailing experience followed by drinks at Seawanhaka Corinthian Yacht Club, Pinons Pizza Truck party, a round of golf at Fishers Island Club, children's party at Blue Star Equestrian, private box at the Islanders home game, tickets to the Today Show's Summer Concert Series, a dinner party for 12 with chef Mar Slocum, beautiful jewelry, artwork and much more.

As dinner was concluding, the incredibly talented and vibrant Auctioneer (and Kentuckian) Tanner Roberts engaged the crowd with a raffle game of "Heads or Tails". The winner received a weekend stay at The Colony Palm Beach, dinner at Swifty's and JetBlue airfare. This segued into the live auction which included exciting trips to Kiawah Island Club, the Montage Palmetto Bluff, Six Senses Ibiza, The 1 Hotel Miami, Casa

de Campo Dominican Republic, The Greenbrier, and a case of 2012 Pavillon Rouge.

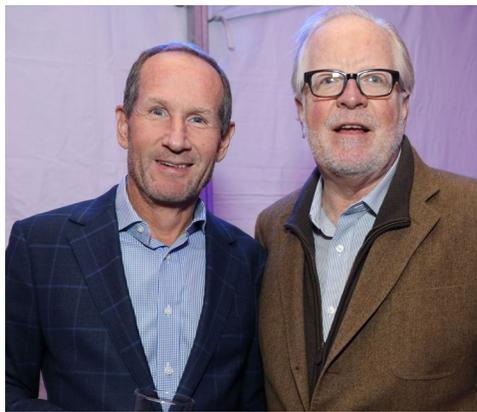
Following dinner, guests flocked to the dance floor and danced to the tunes of DJ Natasha Diggs until the last call of the night. It was a very successful evening for the North Shore Land Alliance, with so many friends, members and supporters thankful to be together again enjoying an open-air event on a beautiful fall evening.

A very special thank you to our Premier Lead Sponsors, Botsy and Hoyle Jones and Claudia and Gunnar Overstrom and all our other incredibly

generous Donors, Underwriters and Friends. And lastly, a heartfelt thank you to our Event Committee, Co-Chairs: Allison Aston, Kate Doerge, Jenna Bush Hager, Amory McAndrew, Claudia Overstrom, and our Auction Chairs: Ashley Dooley, Alexis McAndrew, Gina Tomenson and Liza Weiner.

These events would not be possible without the hard work of the Land Alliance team led by Liz Swenson, Andrea Millwood and Mimi DeSena.

With many thanks to all and hope that this was the beginning of a return to normalcy.





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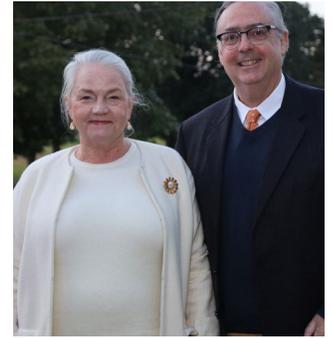
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 Dear Annabelle Custom Stationery
 Dana and Justin del Rosario
 Debra and Claudio Del Vecchio
 Nelson DeMille
 Maura and Will Dick
 Jennifer and Rob Dickerson
 Gina and Tim DiPietro
 Dodds & Eder
 Kate and Chad Doerge
 Dogwood



The Dooley Family
 Ashley and Brian Dooley
 Mercedes Dorson
 Rebecca and Jesse Dougherty
 Suzy and Andrew Dubuque
 Anthony Duke
 Colleen Dupuis
 Ainsley Earhart
 East Meets West, Brenda Van der Mije
 Ali and Phil Edwards
 Elizabeth Pash Interiors and Antiques
 Eric Javitz
 Melissa and the Hon. Frank Esposito
 Everafter
 Evergreen Clean
 FeliciaBAtHome
 Findlay Galleries
 Jack Foley and Stewart Title
 Frank Olt Studio
 Carolina and Diego Fuschetto
 Kelly and Chip Gaudreau
 Michelle and Tim Gokey
 Amanda and Sam Goldworm
 Jan and Jeremy Graham
 Lynn and Austen Gray
 Jess and Jonathan Green
 Victoria Greenleaf and
 Michael Kempner
 Jennifer and Joseph Grgas
 Jenna and Henry Hager
 Catherine and Taylor Hare

Amy and John Haynor
 Sarah and Michael Heric
 Caroline and Michael Hoak
 Sealy and Mark Hopkinson
 Aqua Vectors
 Paula and John Hornbostel
 Humes & Wagner
 Marjorie and Fredd Isaksen
 Botsy and Hoyle Jones
 Julia Amory
 Juliska
 Kelly and Dave Kasouf
 Kassatex
 Allison and Rob Kellan
 Gabby and John Keller
 Elizabeth and Greg Kennedy
 Cynthia and Stephen Ketchum
 Bruce Knecht and Henry van Dyke
 Knockout Beauty Locust Valley
 Lauren and Ragnar Knutsen
 Kate Koch
 Kendall and Kristopher Koka
 Richard Kopsco
 Jeffy and John Koski
 Chris and Alex Koundourakis
 La Selva Farms
 Carol and Jim Large
 Larry Weaner Landscape Associates
 Parker and Scott Larson
 Le Joaillier Fine Jewelry
 Le Petit Zebra

Lela Rose
 Shauna and Nick Leopardi
 Ros and Fran L'Esperance
 Lexey Hall Photography
 Terry and Bob Lindsay
 Clare and Joe LoCicero
 Locust Valley Bookstore, Lisa Scully
 Jenni and Teddy Lynn
 Lee and Patrick Mackay
 Andrew Maier
 Maritime Music
 Patsy and Mark Mayer
 Sean and Amory McAndrew
 Alexis and Tim McAndrew
 Diahn and Tom McGrath
 Emily and Scott McLellan
 Sally and Tim Megear
 Kristyn and Stephen Mezzafonte
 Marlaine and Jonathan Moore
 Kristen and Seamus Moran
 Morgan Stanley, John Coyle
 Katie and Nathan Morin
 Mr. Mike Swim
 Caroline and Tim Mullen
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 NBC's Today Show
 Drew and Amos Nevin
 New York Physicians Foundation,
 Elaine and John Postley
 Heather and Nick Nielsen
 Natalie and Brendan O'Brien



Valerie and Wright Ohrstrom
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 Catherine and Denis O’Kane
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 Kerrill O’Mahoney
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 Virginia and Stuyvesant Pierrepont
 Helen and Robert Pilkington
 Pinons Pizza Company
 Betsy and Rob Pitts
 Poll Brothers Restaurants
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 Megan and Bryan Ramm
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Capital Campaign Wrap-Up



On behalf of the entire North Shore Land Alliance community, thank you for your support of The Campaign to Protect the North Shore. This transformative initiative raised \$14 million for conservation purposes.

When Board Chair Carter Bales announced the launch of a capital campaign in 2015, he used the word “ambitious”. It was, indeed, an ambitious goal for a relatively

young organization but we did it with your help!

These funds were used to purchase the deForest Williams Property and Macy Meadow in Cold Spring Harbor, and the Humes Property, the Smithers Connector Parcel and the John P. Humes Japanese Stroll Garden in Mill Neck. Your support enabled us to start a Stewardship Fund for maintaining the 600+ acres that the Land Alliance

manages and the 25 conservation easements we monitor and defend. It also allowed us to establish an education fund which ensures the continuation of programs and lectures, including the Long Island Water Education Program in local schools and the O’Neil Conservation Stewards, the next generation of conservationists! Funds were also set aside for an operational endowment which will ensure the future sustainability of our organization.

As we officially close the campaign, we again thank you for all that you have done and continue to do for the Land Alliance. Your generosity lives on in these beautiful and environmentally significant places so integral to a healthy community. Your gift has shaped the future of our organization and ensured that these protected lands continue to be stewarded and protected for generations to come.

The Capital Campaign Grove

As a small expression of our appreciation to donors’ substantial contributions to the capital campaign, we this fall planted a stand of American holly, Eastern red cedar and rosebay Rhododendron at the woodland edge of the northern end of the Humes meadow. These locally native trees and shrubs will provide an attractive and habitat friendly addition to the property and serve as examples of the existing plant diversity found throughout the preserve.

Thank you to all the Capital Campaign donors. Their contributions benefit our entire community.



North Shore Land Alliance 2021 at A Glance



A stalwart group of members came out for our Annual Members Meeting on Saturday, November 6th at the Land Alliance's Planting Fields Office. Board Chair Hoyle Jones welcomed the group, thanked them for their support through these challenging times and reviewed highlights of the year including retiring all Land Alliance debt, completing a \$13M Capital Campaign and, as a next step, launching a Planned Giving Program.

A moment of silence was taken in honor of The Nature Conservancy Executive Director and Land Al-

liance Trustee Nancy Kelley, who died in August. Nancy's contributions to water quality on Long Island were exemplary.

Larry Schmidlapp, co-chair of the Committee on Trustees, presented the slate of Trustees to be elected for an additional three-year term. Those Trustees were Christoph Cushman, Augusta Reese Donohue, Jack Foley, Meghan Hagedorn, Shauna Leopardi, Valerie Ohrstrom, Raymond Schuville, Ben Stokes and Jean Thatcher. Oliver R. Grace Jr. was proposed for a first term.

A motion was made to elect the slate, seconded and a vote was called. Members in attendance voted and Lisa Ott cast one vote on behalf of the 189 members who had voted by Proxy. The slate was approved.

Staff members presented 2021: A Year in Review slide show, which featured Land Alliance accomplishments in the areas of land conservation, advocacy, stewardship, programs and events.

In short, here were the top line metrics for the year:

Progress by the Numbers

20 additional acres protected

- 258 acres of fee-owned properties (20 properties)
- 132 acres of private conservation easements (24 easements)
- 50 acres of public conservation easements (2 easements)
- 132 additional acres under stewardship (7 preserves)

Public Conservation – 600+ acres

4,110 Members (260 new members)

225 Volunteers (up 30 people from last year)

Many, many thanks to our loyal members and volunteers. We could not do our job without them!

Board News - Oliver R. Grace, Jr. Elected as Trustee



Oliver, who was born and raised in New York City and Long Island, currently serves as president of Associated Asset Management, Inc., which specializes in equity investment worldwide, and is general partner at Anglo American Security Fund, LP. He is also the direc-

tor of Second London American Growth Fund, PLC., and is currently president and general partner of Grace Development, Inc., which manages properties primarily located in Tennessee, Florida, and South Carolina.

His family philanthropy has focused heavily on cancer research, with significant contributions to the Cold Spring Harbor Laboratory, where the Grace Auditorium and Grace Center for the Brain display their family name. He also serves on the Board of the Cancer Research Institute.

Oliver has been very generous in his support of forest restoration

efforts at Cushman Woods and earlier this year launched a very successful \$100K challenge grant for capital improvement projects at other Land Alliance preserves.

Oliver is married to Carolyn Grace. They have five children, all of whom attended Green Vale School. While Carolyn and Oliver divide their time between Locust Valley and Palm Beach, several of their children have made their homes in our community.

The Land Alliance welcomes his time and talent in our efforts to protect the environmental quality of our community.

In Memoria - Nancy Nagle Kelley



Land Alliance Trustee Nancy Nagle Kelley died in August from complications of multiple system atrophy. She was a lifelong advocate for land preservation and stewardship on Long Island and a trusted advisor to the Land Alliance from our earliest days.

In 1999 she became director of The Nature Conservancy's Long Island chapter, a role she held until last fall. Under her leadership, the chapter helped raise billions of dollars for land preservation throughout the world. She lobbied and partnered with state and local governments to preserve tens of thousands of acres of unique Long Island habitats and open spaces, including underwater lands. In recent years, her focus was on protecting water quality and restoring marine habitats in bays and harbors, fisheries, coastal ponds such as Georgica and Wainscott and Long Island Sound. She worked tirelessly to tackle climate change and raised funding that enabled a generation of bold new ideas to come to fruition.

Nancy, who is survived by her husband, Chris, and their sons, Pierce and Peyton, will be greatly missed.



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The North Shore Land Alliance is a nationally accredited, 501(C) (3) non-profit land trust formed to protect and preserve, in perpetuity, the green spaces, farmlands, wetlands, groundwater and historical sites of Long Island's north shore for the enhancement of quality of life and benefit of future generations.



Season's Greetings
& Happy Holidays

from the trustees and staff of the
the North Shore Land Alliance

2022 SAVE THE DATES!

Annual Golf and Tennis Outing
Wednesday, May 18th
Piping Rock Club

Annual Wine Auction & Dinner
Saturday, October 1st
location TBA

Events are subject to change.
Please visit our website for updates.
www.northshorelandalliance.org/events



**Please remember to
pick up after your dog.
Your fellow hikers will
thank you.**



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