

# ROOKERY



Photo credit: Anthony Koonce

#### PARADISE FOUND

by Vondell Petry, Friend of the Nature Center

This month when we celebrate the 55th anniversary of the founding of the Nature Center at Shaker Lakes and enjoy the newly restored trails, rustic walkways, and recently constructed features, all designed to inspire, uplift and affirm our fundamental connection to this pristine landscape, it's difficult to imagine the time when the fate of this beloved spit of land literally hung by a gossamer thread. When bulldozer and wrecking ball nearly ended it all.

That this horrific tragedy was averted amplifies our current debt of gratitude to all of those who joined together as an unstoppable army of ordinary individuals, local civic groups, and various city officials, coalescing into what is now known as the famous Shaker Lakes 'freeway fight.'

Contemplating the unfolding destiny of what was then called the Parklands, a curious 'spirit of place' seems to have guided its fabled history, a palpably felt intergenerational presence whispering wisdom from the ages.

There was the American Revolutionary War Veteran, Jacob Russell (now buried near Horseshoe Lake) who traveled here from Connecticut in 1812 with some twenty family members to put down roots.

And, Jacob's son Ralph, who a decade later founded the North Union Shaker

Community, initiating a period of almost 70 years when that religious group modeled a standard of excellence manifested in lush farms and orchards, expertly constructed mills, and beautifully handcrafted furniture and other products, all while living a spiritual discipline guided by the golden rule.

Finally, three quarters of a century later, appear our own personal heroines, when members of ladies' garden clubs, created, much to their astonishment, what can only be described as a spontaneous uprising to save from certain death the land, the lakes and the little brook that connected it all.

The elegant simplicity of their mission coupled with the enormity of their task captured imaginations and inspired hearts and minds throughout their suburban neighborhoods, spilling into the community's nooks and crannies until it roared forward with the fierce determination of a people on a sacred crusade.

While the story of the fight and those who led it has been appropriately immortalized on numerous occasions, one of the most eloquent tributes to these unlikely heroines appears in, "The Doan Brook Handbook," author Laura Gooch's excellent work, published two decades ago. The book's dedication reads, "To Mary Elizabeth Croxton, Jean Eakin, Betty Miller, and all the women of the garden clubs. Without you there would be little left to say about the Doan Brook."

continued on page 4...

#### IN THIS ISSUE: CELEBRATING ENVIRONMENTAL ACTIVISM AND OUR RICH HISTORY

MEET OUR
ENVIRONMENTAL STEWARDS
OF THE FUTURE

LEARN ABOUT THE WHITE THROATED SPARROW

UNVEILING A <u>NEW</u>
NATURE CENTER:
CELEBRATE WITH US
SUNDAY, 9.19

FUN FALL PROGRAMS

### FROM THE PRESIDENT

#### DEAR FRIENDS,

I am incredibly excited to share that we have completed our five year, \$6.1 million campaign to Enhance Your Outdoor Classroom! It is through your support and contributions that our vision has come to life and I thank each of you for helping us achieve this monumental goal. Your generosity has helped ensure generations to come will more deeply connect with the outdoors and create the lasting memories that so many of us have experienced within these acres. As the campaign draws to a close and we celebrate the 55th anniversary of the Nature Center's founding, I reflect with awe on how much the Nature Center has changed and grown over these years. The historic Freeway Fight in the 1960s catapulted decades of hard work and activism at the Nature Center and the last five years have given me a renewed sense of focus and enthusiasm for our future.

This fall, we celebrate all of the environmental activists among us that have contributed to 55 wonderful years here in the Shaker Parklands. For some, 'environmental activism' may not be a title we use to label ourselves, yet simply reading this newsletter and engaging in this way with us is a form of your activism. As a visitor and supporter, you have already taken steps on your environmental journey. Participating in our programs like composting with Rust Belt Riders, exploring the world as a junior naturalist, supporting our campaign or annual fund, planting natives at your home, or recycling are all ways to fight for our planet's future and the future of the Nature Center. No matter how large or small your acts of activism are, we are grateful to have you working alongside us.

The momentum we have gained during the campaign energizes us, and we are beginning to conceptualize our next steps and vision of the organization. Meeting the needs of our community continues to be a priority as we grow and adapt for the future. As we continue on our path to sustain the Nature Center and leave a lasting legacy, we will keep you informed and hope you continue to walk beside us in fulfilling our mission.

See you on the Trails!

Kay Carlon

Kay Carlson, President & CEO



#### AN EVOLVING WATERSHED

by Julia Mitchell, Grants Manager

The Shaker Lakes have been integral to the history and character of our community. They inspired the citizen-led movement to fight the Clark-Lee freeway and establish the Nature Center at Shaker Lakes in 1966. While we value this history, we now have an exciting opportunity to restore a large section of Doan Brook, create valuable native habitat and reduce the risk of flooding in our watershed.

The Northeast Ohio Regional Sewer District (NEORSD) recently released its recommendations for the future of the Shaker Lakes, which included restoring the Lower Lake dam and removing the dam at Horseshoe Lake. In place of Horseshoe Lake, they envision free-flowing Doan Brook channels surrounded by functioning, vegetated floodplains that will provide natural flood control and restore valuable native habitat.

The Nature Center is not directly involved in the dam projects, but as a stakeholder we have a keen interest in maintaining the accessibility, scenic beauty, and diverse ecology of the Shaker Parklands. We look forward to learning more about NEORSD's plans over the coming months and encourage you to do the same. Please visit their website atneorsd.org/shaker-lakes-review-andrecommendations/. For additional questions, please contact: Jeff Jowett, NEORSD Senior Watershed Team Leader, at JowettJ@neorsd.org.

#### WILDLIFE FEATURE

by Julie West. Nature Center Honorary Life Trustee, Bird Expert

White-throated sparrows are unusual in that they not only pass through Ohio during spring and fall migration on their journey to and from breeding grounds in Canada, but some winter here. The distinctive white throat



outlined in black, a yellow spot (lore) in front of the eye, and a striped head pattern makes these birds easy to identify.

The song of the white-throated sparrow is a quite recognizable, somewhat melodious, whistle. As is often done with bird songs, it's been described using words that reflect the cadence: "Oh sweet Canada, Canada, Canada" or "Old Sam Peabody, Peabody, Peabody." Full and partial songs may be heard during migration, and less frequently during the winter.

Stop by the Nature Center this fall during migration and see if you can spot one!

FUN

- Look for these sparrows on the ground or in low bushes near areas with trees or under bird feeders.
- Their primary food is seeds. They can sometimes be seen jumping backwards dragging their feet to scratch the ground to uncover food.
- Their head pattern comes in two color forms, black with white stripes or brown with tan stripes. It has been observed that males prefer females with black/white head pattern and females prefer males with tan/brown pattern. This enables both color patterns to continue to exist.

# MOLDING OUR FUTURE ENVIRONMENTAL STEWARDS

Our campers had a great time this past summer! But don't take our word for it...

#### **AYA** (AGE 4) NATURE NURSERY

What is your favorite thing to do at camp? I love going creek walking!

What do you learn about? Fishies! We see fish in the creek. I like to watch fish eat. They eat mosquitoes.

#### MILANA (AGE 5) SQUIRREL SCOUT

What do you like to do at camp? I am anartist and I like coloring.

Do you have any fun memories from the Nature Center? One time we looked at a turtle! It pooped.

What have you learned? Moths make cocoons and butterflies make chrysalis.

#### MAYA (AGE 7) LIFEGUARD

What are you doing today? We are going in the creek! We built a bridge in the creek with rocks and sticks and it's still there! And we are tie-dying coffee filters to make flowers.

Who is your favorite teacher? Miss Katie. She says she is 100 years old!

#### MAGGIE (AGE 9) EXPLORERS

What are some cool things you do at camp? We look at bugs with the microscope. We looked at a waterbug from the creek. They had legs, but no shell. They looked humongous!

Are there any moments you'll never forget? I saw a red headed woodpecker.

#### JUDE (AGE 9) EXPLORERS

How long have you been coming to camp? 4 years, I was a squirrel scout.

What have you learned? I love fungus. I took pictures of mushrooms at my house after camp. My favorite are the puff balls. My dad mowed over one in our yard and it puffed up black spores!

Can you tell us what you like to do at camp? Play snake tag, riddles, finding cool things and looking at fungus especially.

Visit shakerlakes.org/camp-interviews-2021 to read more from our campers!

### 2022 outdoor adventure camp registration is coming soon!\*

Become a member today and enjoy the benefits of early registration, opening November 30 to our members, plus a \$30 discount per camp session. Camp sessions sell out quickly so become a member and ensure your spot! Visit shakerlakes.org.

\*Public registration opens Monday, January 10.

#### **NATURE STORY TIME:** Old Enough to Save the Planet

Children ages 3 1/2 to 7 years with an adult are invited to join us, in-person, at the new Jimmy's Treehouse. This season's programming was inspired by Loll Kirby's book, "Old Enough to Save the Planet." After the story, we'll take action like the heroes in our stories as we spot butterflies, take care of our plants, or protect our water. Member: \$5 per child; Nonmember: \$10 per child.

WINGED WONDERS | September 14 | 3:30-4:30PM (Book by Meeg Pincus)

HARLEM GROWN | October 12 | 3:30-4:30PM (Book by Tony Hillery)

WE ARE PROTECTORS | November 9 | 3:30-4:30PM (Book by Carole Lindstrom)

## **CREATURE FEATURE:**

#### WHAT AM I?

- I am the home to many great blue herons who gather here to build their nests.
- This place allows blue herons to help each other look out for predators such as eagles and owls from above and racoons from below.
- I can be found high in the safety of the tree tops.
- It is very noisy here during the summer as babies grow and blue herons make their calls.



## FUN FACT:

Prior to December of 1996, the mallard duck was our logo. In 1996, as part of the Nature Center's 30th anniversary celebration, a new logo, the great blue heron, was unveiled and remains today. This newsletter, The Rookery, has since been named, and appropriately so, after a colony of nesting great blue herons.

#### **FALL PROGRAMS & EVENTS**

#### **GUIDED FALL BIRD WALKS**

Wednesday, September 15 | 6-7:30PM Select Sundays: October 17, November 14, December 12 | 8-10AM



Join a guided walk through the Shaker Parklands looking and listening for birds. Meet in the Nature Center parking lot. Bring your own binoculars. \$5 donation. Registration required.

#### **FALL BIRD BANDING**

Mondays, Wednesdays, Fridays August 23–October 29 7:30–11:30AM  $\mid$  NCSL

Find Julie West near the right side of the driveway and observe migratory birds as they are banded by Julie West and her team. Banding provides valuable insights about the migratory bird routes in northeast Ohio. Please observe 6' of distancing. **Weather permitting. Free.** 

#### THE BIG SI

#### Sunday, October 10 | All day, dawn to dusk

Join area bird watchers at this annual "tailgate party for birders" to tally as many bird species as can be seen or heard within a 24-hour period. Meet on the All Peoples' Trail marsh deck. This event serves as a fundraising effort for bird-related projects through pledges gathered by participants. Donations encouraged. For information contact Julie West jwest@ameritech.net.

#### **FALL HIKING SERIES**

#### Select dates September, October, November

This series replaces the hikes typically offered at Hike & Run and kicks off September 19 at the Fall Festival. **See page 8 for details.** 

## COMPOSTING WITH WORMS 101

Wednesday, September 29  $\mid$  6–7PM

Join Tim Steckel from Work Workers (wormworkers.com) to learn what vermicomposting is and why it is a great method of composting. Vermicomposting can be done right in your backyard, basement, or even apartment. Let the worms do all the heavy lifting for you, helping to break down your food scraps and other organic waste and divert from the landfill. \$5 member; \$7.50 nonmember. Register at shakerlakes.org/programs.

#### **FAMILY CAMPFIRE NIGHT**

#### Friday, November 5 | 5:30-8:30PM

Bring your friends and family to this annual favorite for a fun evening of hiking, crafts, campfires and toasted marshmallows (vegan and kosher varieties available)! Bring camp chairs and marshmallow sticks. Member: \$5 per person; Nonmember: \$7.50 per person; no charge for ages 2 and under.

## ADULT LECTURE SERIES: COMMUNITY IMPACT

#### Select Dates November-January

Join us for a series of lectures to celebrate the positive changes we can make when we come together to support an idea. In addition to recounting the history of the freeway fights, you'll learn from local experts leading present-day efforts to improve our community through urban green spaces, stormwater management, and more. **Visit shakerlakes.org for more information and to register.** 

#### NATURALIST NOTEBOOK DISCUSSION

#### Sunday, November 21 | 1–3PM | Loganberry Books or Virtual

A book group discussion in partnership with Loganberry Books. Dan Egan's Death and Life of the Great Lakes, published in 2018, brings together the history, science findings and personal experiences of these critical freshwater resources. Egan examines the urgency of a growing water crisis while providing some cautious hope to the reader.

Visit shakerlakes.org/programs for details and registration information.



#### **VOLUNTEER NEWS**

Thank you to all of our volunteers for your continued support of the Nature Center and its programs. We are especially grateful for our most recent groups and partners: Summer Stewardship Assistants, Outdoor Adventure Camp Assistants, Shaker MyCom/Y.O.U, Eaton Corporation, Greater Cleveland Volunteers, and Business Volunteers Unlimited.

#### **UPCOMING VOLUNTEER OPPORTUNITIES**

#### VISITOR SURVEY VOLUNTEERS | FALL 2021

Friendly volunteers are needed to help us engage with our visitors to field a short survey. Results will help us understand how we can better serve the community and deepen our impact. Training is provided. Dates and times vary and can be scheduled based on availability.

## NATIONAL PUBLIC LANDS DAY

#### Saturday, September 25 | 10AM-1PM

In partnership with the Doan Brook Watershed Partnership, volunteers work together to improve the habitat and wildlife areas of the Shaker Parklands. Tasks may include pulling invasive plants or trash clean up. All are welcome including families with school-aged children 8 and older. Gloves, tools, trash bags, and safety vests will be provided. Wear closed-toed shoes and long pants. Register at shakerlakes.org/volunteer.

#### STEWARDSHIP SATURDAY October 30 | 10AM-12PM

Join our natural resources team and other volunteers in land management and trail maintenance projects. No gardening or land management experience necessary.

#### **PROJECT FEEDERWATCH**

#### November 13-April 29 | Select weekdays & weekends

We're looking for volunteers interested in counting birds for science at the Nature Center as part of the Cornell Lab of Ornithology's Project FeederWatch. All birding abilities welcome!

To learn more or sign up for an opportunity, email volunteer@shakerlakes.org or visit shakerlakes.org/volunteer.

# VOLUNTEER HIGHLIGHT

As we celebrate our roots in environmental activism, we are honored to help young people find their voice and explore their passion for the natural world as volunteers.



# MEET ASHER ASHER H., 13 YEARS OLD

What is your current role at the Nature Center and what types of things did you participate in daily? I volunteered as a Youth OAC Assistant. I set up activities, made sure every camper had fun, and cleaned up. I spent lots of time going outside, playing games, and learning alongside the campers.

Why is giving back to the Nature Center and the environment important to you? I wanted to spend my summer volunteering and work towards a cause I care about. I found the Nature Center and was interested in its environmental goals. The environmental crisis affects every living thing on this planet, which is why I wanted to do my part in giving back.

How has volunteering helped shape your views toward the environment? My time at the Nature Center made me appreciate having a wonderful place like this near my home. Preserving places like these is important. I realize my actions directly affect the environment, and that changing my daily life even just slightly is effective. During the pandemic especially, the Nature Center was one of my favorite places. The time I've spent volunteering made me want to help others take advantage of the Nature Center.

What have you learned through your experience that has changed the way you think about your future role in protecting the planet? I've learned environmental activism includes taking part in big and little actions, as a community and individually. Big changes are needed, like adapting our transportation systems, promoting green energy, and stopping deforestation. The small things everyone can do individually also count, like adopting a plant-based diet, reducing, reusing, recycling, and volunteering for local organizations that work toward a greener world, like the Nature Center. If we could get everyone to do the small things, we could achieve an incredible amount. The Nature Center showed me that everyone's work counts, and one of our jobs is attracting young people to environmental activism earlier.

What does the Nature Center mean to you? The Nature Center gives me hope for a better future. Its creation shows that fighting the environmental crisis is possible because the Nature Center was developed instead of a highway being built. I am very fortunate to be a part of the Nature Center family, and I look forward to continuing to volunteer here.

#### PARADISE FOUND continued from cover...

In that regard when we interviewed the late Jean Eakin some 24 years ago for an article that appeared in a local newspaper, she was then at age 90, still visibly animated when she spoke of those days. Drawing up her diminutive frame, her voice clear and strong, she said about the moment she learned of the intended Parkland destruction, "I was devastated, completely devastated when I heard what was about to happen, so I called Mary Elizabeth [Croxton] who was head of an area garden club and I said, 'Let's try to save the lakes'."

Named chairperson of the subsequently created Park Conservation Committee, Eakin and hundreds of her fellows were instrumental in the 1966 incorporation of the Shaker Lakes Regional Nature Center, achieved when the 'freeway fight' was still raging. Although the newly constructed Center's doors opened in 1969, it would be another two years before then Governor James Rhodes would finally announce that plans for the infamous freeway would be withdrawn.

Looking back, it does seem more than fortuitous that we are blessed with what the Shakers of the North Union called, "The Valley of God's Pleasure," taken from a curious vision that Ralph Russell reported he experienced when returning home from having visited the Ohio based Union Village community of Shakers.

Ralph recounted that on his journey, he was accompanied by a strong, clear column of light, and when his horse approached his home situated only a few miles from what is now the Nature Center, that same column of light became a vertical beam and upon touching the ground transformed into a beautiful tree.

It doesn't really matter what we think of visions; what does matter is that here, now at this moment we are gifted with our own everyday living visions, a brook dancing through ancient ground, majestic trees, exquisite plants and flowers, ages old rocks, and critters large and small, all making this place their home. What all those ancestors, the settlers, the Shakers and our heroine grandmothers were saying is that this beloved place is also our home, our legacy, our shared experience, knitting us all together in an unbroken celebration of life.

At this extraordinary opportunity to acknowledge these simple gifts, we are invited to claim that birthright, to breathe in the miracle of this place and breathe out our profound gratitude.

#### **SUMMER STEWARDSHIP PROGRAM:**

# Made Possible Through the National Environmental Education Fund (NEEF)

This summer, sixteen hard-working teenagers volunteered through the Nature Center's Youth Stewardship Program to restore riparian habitat surrounding Doan Brook. The Nature Center received funding from the NEEF's Restoration & Resilience COVID Recovery Fund to help fund the 2021 Youth Stewardship Program and make substantial progress on our restoration goals. Together our volunteers donated a total of 542 hours, removing invasive species and planting hundreds of native trees, shrubs and perennials.

With all of us
working together, we
made a visible difference
I look forward to making
more change in
the future.

Hannah Whitney Youth Stewardship Assistant

# **HONORING 55 YEARS...**



#### THE NATURE CENTER **OPENS ITS DOORS**

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...design and construction of an interpretive building began on 5.5 acres of land released by the city of Cleveland to the Nature Center, near the freeway's proposed intersection.



## THE ALL PEOPLES' TRAIL

...the All People's Trail was on the cutting edge of allowing people of all ages and abilities to access nature in unique and inspiring ways.

#### THE FRIENDS PAVILION

Constructed in 1995, funded by the Friends of the Nature Center, the pavilion was initially dubbed the Outdoor Classroom.



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#### APPLIED SCIENCE FOR KIDS (ASK!)

...the ASK! program was our first opportunity to partner district-wide through multiple grade levels with the Cleveland Metropolitan School District, doubling the number of children we serve and cultivating informed citizens who will become future environmental stewards.

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#### THE NEWLY RECONSTRUCTED ALL PEOPLES' TRAIL (APT)

Arguably the Nature Center's most iconic feature, the APT is a 1/3-mile, ADA-accessible elevated boardwalk and is now longer, wider, and has larger gathering spaces.

1966

The Freeway Fight & Birth of the Nature Center

In the early 1960s, state and federal funding was received to build a multi-lane freeway to connect I-271 to downtown Cleveland, with an interchange to be built over the east end of Lower Lake, where the Nature Center currently stands. The proposed highway would have run through the Shaker Parklands, destroying 300 acres of wildlife habitat and hundreds of neighboring homes.

37 local garden clubs and 6 civic organizations formed the Park Conservation Committee to spearhead the effort to fight the planned freeway. School children from Shaker Heights helped circulate petitions against the freeway,

mass meetings were held, and over 40,000 individuals signed and wrote letters

to federal and state officials. On September 15, 1966, as one of the primary

strategies of the committee, the Shaker Lakes Regional Nature Center was

to a recommendation from a National Audubon Society survey. In 1972,

formal approval for the Clark and Lee Freeways was withdrawn.

The Nature Center Opens its Doors

Landmark by the National Park Service

The Stearns Trail

The All Peoples' Trail (APT)

singing insects, and migrating birds.

The Friends Pavilion

**Building Expansion** 

the spring of 2003.

2003

incorporated as an independent, non-profit educational institution, in part due

In 1968, prior to the formal cessation of the proposed Clark and Lee Freeway,

design and construction of an interpretive building began on 5.5 acres of land

released by the city of Cleveland to the Nature Center, near the freeway's proposed intersection. \$150,000 in funds for construction, utilities and site improvements had been raised in full by the community. The building was remodelled in 1973 to add more offices and room for a library. An east wing

The Nature Center is named a National Environmental Education

The Stearns Memorial Nature Trail was the first trail system built by the Nature

Center in honor of Maybelle Stearns. It was then reconstructed in 1984. The

trail consisted of a mostly dirt path that winds through a floodplain forest, near

a vernal pool and small marsh, and alongside the south branch of the Doan

Brook, providing vast environmental and outdoor education opportunities.

Built seven years prior to the Americans with Disabilities Act being enacted,

the All Peoples' Trail was on the cutting edge of allowing people of all ages and

abilities to access nature in unique and inspiring ways. The trail allows visitors to

meander through the forest canopy, gives a bird's-eye view of the Doan Brook,

and immerse themselves in a marsh full of stunning summer views or rose mallow,

Constructed in 1995, funded by the Friends of the Nature Center, the pavilion

was initially dubbed the Outdoor Classroom. It has become a staple for school

Needed classroom space for growing school programs and a visitor experience

and interpretive area highlighting seasonal displays catapulted the need for a

minimizing the 'concrete footprint' during expansion, recycling and reusing

building materials, and a focus on energy efficiency within the new building

roof, the new award-winning 'green' building was unveiled on Earth Day in

such as reduced water consumption, geothermal energy, insulation and a green

\$2.2 million building expansion and renovation. With a commitment to

groups and programs, as well as visitor picnics and the Annual Plant Sale.

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their equipment.

THE STEWARDSHIP

...the center was built as a

home to support our critical

land management activities

and all of our hard working

stewardship volunteers and

**CENTER** 

#### **BUILDING EXPANSION**

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...the new award-winning 'green' building was unveiled on Earth Day in the spring of 2003.



#### THE LAVELLE FAMILY AMPHITHEATER

...the unique ADA-accessible amphitheater created more usable outdoor space for unmatched learning experiences, lectures, and discussions outdoors...



The restoration provided improved water quality and wildlife habitat, attracting a diversity of native water-loving

#### A FULLY RESTORED AND ENHANCED **STEARNS TRAIL**

Completion of Jimmy's Treehouse, the new Carfagna Family Nature Play Area, the DBJ Foundation Terraza de Meditacion (Meditation Terrace), and many enhanced trail bridges and segments highlighted the unveiling of the new Stearns Trail and completion of Enhancing Your Outdoor Classroom: Campaign for the Nature Center at Shaker Lakes.





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#### **COMPLETION OF THE** MARSH RESTORATION

plant and animal species.



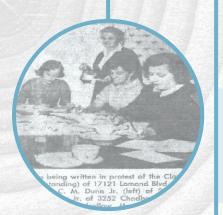




# ... of Environmental Activism, Preservation, and **Enhancing Outdoor** Experiences at the Nature Center at Shaker Lakes

#### THE FREEWAY FIGHT & BIRTH OF THE NATURE CENTER

37 local garden clubs and 6 civic organizations formed the Park Conservation Committee to spearhead the effort to fight the planned freeway. The Shaker Lakes Regional Nature Center was incorporated as an independent, non-profit educational institution.



THE NATURE CENTER IS NAMED A NATIONAL **ENVIRONMENTAL EDUCATION LANDMARK** BY THE NATIONAL **PARK SERVICE** 

#### THE STEARNS TRAIL



The Stearns Memorial Nature Trail was the first trail system built by the Nature Center in honor of Maybelle Stearns.



Jean Eakin and Jeff Buster, creators of the first Stearns Trial

## History in Our Trees!

Let's take a journey back into time and imagine what it looked like in and around the Nature Center in 1796. Moses Cleaveland landed on the banks of the Cuyahoga River to survey the immense forest dominated by deciduous trees. These trees gave Cleveland its identity as the "Forest City." In 1946, to celebrate 150 years since Cleaveland's expedition, a team found and labeled 150 trees that were 150 years or older. These trees were pieces of the once enormous forest that Moses Cleaveland walked among and were dedicated as the Moses Cleaveland Trees. But where are these trees today?

A piece of one of the Moses Trees, a 300 year old white oak tree that fell in the microburst storm September 15, 2019 near Lower Lake, now lives at the Nature Center as a piece of our park's history, and a ring counting activity for all to enjoy! YOU can stop by our Carfagna Family Nature Play Area to do some tree ring counting for yourself and see a piece of Cleveland's history. Each ring represents a year of growth and corresponds to its age!



## continued on back

#### 2008

#### The Stewardship Center

With walls constructed mostly by hand of straw bales and cob (a mix of clay, sand, and straw) by a team of volunteers who 'knitted' the cob into place, the center was built as a home to support our critical land management activities and all of our hard working stewardship volunteers and their equipment. The straw bales provide a high insulating factor while the cob allows a high thermal mass—slow to heat and slow to cool down.

#### 2012

#### Completion of Marsh Restoration

After invasive plants such as narrow-leaved cattails and crack willow trees took over the marsh, displacing the diverse native plants that once grew here, the Nature Center embarked on a multi-year project to restore this critical habitat. Staff and volunteers cleared the invasive species and planted a variety of native grasses, sedges, wildflowers, and trees, including the gorgeous colorful native swamp rose mallow that has become a visitor attraction each summer. The restoration provided improved water quality and wildlife habitat, attracting a diversity of native water-loving plant and animal species.

#### 2013

#### Applied Science for Kids (ASK!)

Local school districts including Cleveland Metropolitan School District (CMSD), Cleveland Heights-University Heights, Shaker Heights, and others have been bringing grade school children on field trips to the Nature Center since 1971. While called many different things throughout the years, including Earth Safari and Lost Treasures, the premise is the same—Nature Center Environmental Educators utilize hands-on, experiential programming throughout our 20-acre outdoor classroom to provide grade-level standards-based curricula and immerse students in science and environmental education. After years of partnering with CMSD at various schools and grade levels, the ASK! program was our first opportunity to partner district-wide through multiple grade levels, doubling the number of children we serve and cultivating informed citizens who will become future environmental stewards.

#### 2018

#### The Lavelle Family Amphitheater

Located directly behind the Nature Center building, the unique ADAaccessible amphitheater created more usable outdoor space for unmatched learning experiences, lectures, and discussions and now connects directly to our trails and parking lot.

#### 2019

#### The Newly Reconstructed All Peoples' Trail

Arguably the Nature Center's most iconic feature, the APT is a 1/3-mile, ADA-accessible elevated boardwalk. The new APT is longer and even more accessible with a larger, more visible and welcoming entrance, improved ADA accessibility and connectivity to the larger Lake to Lakes trail system, larger nature and wildlife viewing areas, and features a one-of-a-kind woodlandthemed Rose Foundation Gazebo bringing the beauty and tranquillity of nature to life in exciting and engaging ways.

#### **2021 + BEYOND**

#### A Fully Restored and Enhanced Stearns Woodland Trail

Completion of Jimmy's Treehouse, the new Carfagna Family Nature Play Area, the DBJ Foundation Terraza de Meditacion (Meditation Terrace), and many enhanced trail bridges and segments, highlighted the unveiling of the new Stearns Trail and completion of Enhancing Your Outdoor Classroom: Campaign for the Nature Center at Shaker Lakes.

Ongoing habitat restoration focusing on the stream, woodland and wetland areas at the heart of our educational mission, but threatened by invasive species, has been in full force across our 20 acres and will continue in coming years. New neighborhood trail entrances have improved pedestrian connectivity to our trail systems. We look forward to many years ahead of actively working to preserve and enhance this valued green space with your support as we ensure sustainability and relevance of this treasured space for future generations.



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216.321.5935 · naturecenter@shakerlakes.org

**SERIES** 

and **inspiring** environmental stewardship

Sunday, September 19 | 10AM-1PM

**Conserving** a natural area, **connecting** people with nature,

#### **JOIN US**

to celebrate YOUR PARK.

Experience the newly renovated trails, neighborhood entrances, and exciting outdoor features made possible by the Campaign to Enhance Your Outdoor Classroom.

- Food
- Entertainment
- Libation Station
- Kids Activities
- Raffles
- Guided Hikes & Trail Tours
- Native Plant Sale

## **FALL** HIKING

#### A fun and different approach to our annual one-day Hike & Run event. Expand your definition of "hike" as we join with community partners to blend meditation, care, art, recreation, laughter and, of course,

fall hiking series. Register for your favorite hiking styles or try something new—there are countless

learning about nature, into this new

ways to experience nature. Visit shakerlakes.org for details and to register.

Attend the Fall Festival on September 19 where we will kick off the first hike in this new series—a FREE family-friendly hike showcasing the Nature Center!

Visit shakerlakes.org for more information and an activity schedule

#### ART ON VIEW "REFUGE: THE LAST DAYS OF WONDER," by Ursuline College's Wasmer Gallery Opening Reception & Artists' Talk | Sunday, October 17 | 2-4PM

The Wasmer exhibit, "ReFuge: The Last Days of Wonder," opens Friday, October 22 and runs through Friday, January 28, 2022, as an interactive, immersive art experience around the theme of refuge. Conceived and curated by Wasmer Gallery Director Anna Arnold, ReFuge invites visitors to explore gallery space that has been transformed into a surreal fantasy forest created by four invited installation and mixed-media artists from Cuyahoga County who will use recycled materials.



The Nature Center will host a companion exhibit, "Seeking ReFuge," featuring two-dimensional work by artists who use recycled and mixed media materials. The dates of this intimate show are Sunday, October 17, 2021, through Sunday, January 16, 2022. On October 17, an opening reception from 2–4PM will include an artists' talk at 3PM. Learn more at ursuline edu/wasmergallery. Check the website for any changes in hours. Pieces not for sale.