



Tyler Topics

Spring
2015

News, Programs and Events of Tyler Arboretum

Protecting the Past for the Future: *Pink Hill Preservation Project Commences*

Laura McPhail, Communications Coordinator

When you emerge from the tree-lined trail at the top of Pink Hill, perhaps slightly out of breath from climbing the slight incline from Painter Road, you might take a look around and wonder why this area is so special. Maybe you came during that short, almost magical, period of time when the pink phlox for which the area is named is in full bloom. Perhaps you decided to explore the Pink Hill Trail and found yourself taking a breather at the bench at the top of the hill. No matter what your reason for visiting, you may not realize that you are standing at the edge of a rare ecosystem

whose beginnings can be traced back to over half a billion years ago.

When two large land masses collided millions of years ago, the serpentine layer that had been the sea floor between the continents was buried in rocky hills and mountains. After 100 million years of slow erosion, the serpentine layer was exposed, creating a rare ecosystem with truly unique soil chemistry. Few visitors to the serpentine barren know this complex and fascinating history, and even fewer know that this serpentine barren is the

last of its kind in Delaware County. Most don't know it is home to an extraordinarily diverse group of plants and animals for such a small area of land, including several rare, threatened and endangered species.

"Pink Hill is truly an extraordinary place. The serpentine barrens ecosystem has much more in common with Midwest grasslands than with the forest vegetation that prevails here in the East," said Dr. Roger Latham, ecologist and conservation biologist. "Pink Hill is home to a fantastically

diverse group of plants and animals for such a small area of land, including at least a dozen endangered or threatened species." One such species was

confirmed in the early 1990s by Dr. Al Wheeler, Jr, who discovered the rare mirid (plant bug) *Polymerus tinctipes*, a specialist feeder of moss phlox at Pink Hill. At least 47 rare butterfly and moth species inhabit Pennsylvania serpentine barrens. Scientists expect to find many more kinds of rare animals as more species groups and more serpentine barrens sites are surveyed.

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Tyler Arboretum

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Tyler Topics is a quarterly publication distributed to the members and friends of Tyler Arboretum. For more information on Tyler Arboretum, please visit our website at www.TylerArboretum.org, or contact us by telephone at (610) 566-9134.

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Board President's Message

Another winter season passes and we are greeted by the warming of the earth and the awakening of the dormant landscape. Tyler has 650 acres of spring about to explode with color, fragrance and endless opportunities for all to the enjoy bounties of the season. It's time to start planning all of your favorite spring activities at Tyler!

Take a walk up the Scenic Loop path, and just beyond the new Tulip Tree House you will see the colorful new daffodil plantings that were installed last fall. Eager volunteers and horticulture staff planted over 2,000 new daffodil bulbs in sweeping beds along the path. These bulbs, along with 40 small flowering trees and over 200 flowering shrubs, were planted along the Scenic Loop path as part of the Stanley Smith Horticultural Trust grant received by Tyler last year. These native species, such as dogwoods, redbuds, hydrangeas and witchhazels, will bring four seasons of color and excitement to the landscape, and further enhance the local ecology of the Arboretum.

Tyler Arboretum has many exciting new projects online for this year. One of the projects happening this spring will be additions to the Painter Plants exhibit in the historic Arboretum valley. As you may know, Tyler has over 20 historic trees planted in the mid-1800s by the Painter brothers as part of their botanical studies. The Longwood Graduate Program Fellows provided valuable recommendations for the continued preservation of these historic plants, which are now over 150 years old! You will see new interpretive signage, tree root protection fencing and a re-creation of the "planting rows" initiated by the Painter brothers.



I would like to provide our readers with an update from the Board of Trustees regarding the Executive Director transition. Presently, the board has engaged Kittleman and Associates, an executive search firm, to conduct a nationwide search for our next executive director. Kittleman specializes in leadership placement for non-profit organizations and is working closely with the staff and board at Tyler to create a

leadership profile and conduct the executive director search process. We anticipate that the search process will take us into the spring season and I look forward to reporting back soon regarding our candidate search.

I also wanted to extend a heartfelt thank you to all of the Tyler Arboretum staff and my fellow board members for their extra efforts during our leadership transition. Everyone has been working extra hard to continue building on our current projects and plans for the future. I am truly grateful for all of your support and I look forward to working together as we continue to build on Rick Colbert's legacy.

Finally, thank you to all of you, our members and volunteers, for supporting Tyler Arboretum. We would not be in such a winning position without your continued support and dedication to the Arboretum. We have a very special piece of our planet to share and we are grateful for the opportunity to steward the mission and vision of Tyler. Come see us soon and often—welcome to spring!

Shipley A. Allinson

~ Rick Colbert Memoriam ~

It is with deep sorrow that we report the passing of Executive Director Rick Colbert, 58, on November 29, 2014. Colbert was named executive director in 1991 and served the Arboretum with dedication and passion for more than 23 years.

During his tenure, Colbert brought Tyler Arboretum to the precipice of a new era of growth and development. His passion, fiscal responsibility, persistence and methodical patience set the groundwork for several new endeavors that will keep Tyler at the forefront of public horticulture and a premiere destination and community resource.

He is greatly missed.

Pink Hill Preservation

(continued from page 1)

What was once nearly 14 acres of open grassland, the 3-acre area currently known as Pink Hill has dwindled over the decades due to reforestation. “Even though the serpentine barrens plants are adapted to the harsh conditions, the soil chemistry by itself is not enough to sustain them in the long term. They depend on periodic disturbance to prevent replacement by forests,” said Latham in his 2008 report regarding Pink Hill.

Latham noted, “Arguably, all of the still-intact sites that have a chance at long-term viability are globally significant, including Pink Hill. In the past few years, considerable progress has been made to begin the process of ecological restoration, but much still needs to be done before Pink Hill will recoup its losses. With strategically targeted effort, this significant piece of the region’s natural heritage can be brought back to top condition and its key processes restored to ensure its long-term sustainability.”

So what is the plan for preserving this ecological treasure? First, with the sensitive nature of this project, Tyler continues to work under the guidance of Dr. Latham and Bill Lucas, primary engineer for the project. Meanwhile, Tyler secured several grants totaling \$330,000 to fund the restoration project that includes Latham’s recommendations: a prescribed burn, invasive species control, partial soil organic matter removal, selective tree removal, baseline surveys focusing on rare plant and animal species, species reintroduction/augmentation and deer management.

Engineering and stormwater management plans have been completed. Lucas helped guide Tyler through the Department of Environmental Protection’s (DEP)



incredibly complex soil and water conservation permitting process. With that permit now in hand, plans for the next steps are in motion.

“So far, we have laid out the fence line,

marked out trees that will need to be removed for the deer exclusion fence and roped off trees that will be saved in the barren area,” said Director of Horticulture and project lead Mike Karkowski. Nearly eight acres of woods will be cleared out. However, he is quick to add that the whole project is not simply about “removal.” The staff has been very successful in its first round of collecting seed from several of the rare species that will need to be reintroduced after the initial conservation activities.

The funds granted by the state require a contract, and this contract is not projected to go into effect until February 2015, when the work will go out to bid. This will likely mean that major work at Pink Hill will not commence until the drier summer months. Plans for a controlled burn are underway for spring 2015, but this step is dependent on weather conditions in mid- to late-April. The area to be restored to barren and the corresponding fence line will be cleared at the same time, so the fencing would be installed shortly after the

clearing. The fence will be similar to the deer exclusion fence around Tyler’s core area; the fence will include pedestrian gates so the hiking trails that transverse that area still have access to Pink Hill.

“The plans also call for signage and benches in the area, an observation dig to look at the geology of the site and ADA-accessible parking and access to the top of the barren. The trees that are removed from the site will be recycled for other uses,” said Karkowski.

On the surface, the work proposed for Pink Hill may seem counter-intuitive to the layperson interested in conservation. However, a great deal of public education such as tours, lectures and interviews conducted by Latham have provided a significant amount of local excitement about the project and the ecosystem as a whole.

Delaware County used to have the second-highest number of serpentine barrens of any county in the eastern United States. But of the ten serpentine barrens sites that once existed in the county, all have been lost to development or neglect—except for Pink Hill. With a careful and deliberate strategy in place, Tyler Arboretum will continue its mission of stewardship of natural spaces with diligent preservation efforts of this extraordinary area.

“Tyler Arboretum inherited an incredible treasure. I’m thrilled and proud that the Arboretum board and staff, spear-headed by Rick Colbert, took on the enormous challenges of restoring what’s been inadvertently lost and ensuring that this priceless piece of our natural heritage is still here for future generations to enjoy and learn from,” said Latham.

If you would like to learn more about Pink Hill and serpentine barrens, visit www.TylerArboretum.org/publications, and read Dr. Latham’s 2008 report, *Pink Hill Serpentine Barrens Restoration and Management Plan*.

The Impact of Summer Camps at Tyler

By Quina Ahmad, Communications Intern

Here comes summer, which means warmer weather, blooming flowers, colorful sunglasses, icy drinks and summer break. It is almost time for the kids to be released from school, bombarded with free time and high energy. Sure, you have the option of leaving them home with yourself or a babysitter. However, there is a fun, nature-filled option: summer camp at Tyler! With three age groups (Tiny Trackers for ages 4-5, Young Explorers for ages 5-11 and Young Naturalists for ages 11-13) and many camp themes, including I Spy Nature, Bug-O-Mania, Art in the Arb, Kid vs. Wild, finding a great fit should come naturally.

Great opportunities arise within each camp theme, such as hiking to Indian Rock, playing in the stream and/or crafting with natural materials. Through the exploration of trails and creation of games and activities, campers learn about animals, plants and trees. "They get to see how the world really works, where things come from [and] what grows from what," said Patricia Neff, parent of two children who attended Tyler's camps.

Children have the chance to get to know nature by stepping away from the digital world and entering the natural world. "I think the benefit of a nature-themed camp is to reconnect modern kids with nature and the physical world," Linda Ciavarelli, mother of three kids who attended Tyler's camps said. "Those connections are shaped in experiences like Tyler Summer Camp, and will be with them throughout their lives."



The feeling seems mutual with 9-year-old Aidan Neff, who has been attending since he was four. His mother said, "He loves the knowledge the counselors bring with every new critter, leaf or acorn he finds."

Tyler Arboretum's summer camps are designed to nurture learning, creativity and adaptability in a way which attracts kids.

"Teaching them about nature and to love it instills a passion for green spaces that carries through to their teen and adult lives. The people who try to protect green spaces like this do so because of the experiences they had as a child," said camp counselor Rachel Ndeto.

It is Tyler's goal to impart the value of and education about the earth—every plant and tree that grows and every animal which walks on it— and

Youth Education Coordinator Martha Moore is a strong believer of tuning into the world around us and playing outside during the summer. "At Tyler, campers learn while having fun and getting fresh air and exercise. They get to play in the stream, get dirty in the garden, catch bugs and swing in the hammocks, all while learning about the world around them," Moore stated.

In an otherwise fast-paced society, Tyler's summer camps allow children to experience a different, ecological environment while applying their energy and stimulating their mind with educational journeys through nature and exciting activities within nature. "The teachers were encouraging and they taught about nature in a fun way," said Marcus Ciavarelli, 10.

show they go hand-in-hand. "Our boys [Christian (11), Nico (9)] gain an appreciation of nature and exploration from their experience at Tyler," Ulita Nonemaker said, "They realize the world is a much bigger and more wonderful place than they imagined."

Greta Hudak recommends Tyler's summer camps to all of her friends. "It is a reasonable price, a safe place and full of great, responsible counselors," she stated. This is the reason her 10-year-old daughter, Savannah, along with, Addison (6) and Aidan Neff and Christian and Nico Nonemaker desire to be camp counselors in the future. Aidan said it best: "I don't care if I go to any other camp this summer as long as I go to Tyler Arboretum's camp, because it is so cool!"

PULL OUT
AND SAVE
THIS
SECTION



Tyler Programs

Tyler Arboretum Spring Programs and Events 2015

Special Events

Orienteering at Tyler

Sunday, March 22, 10:00 am

Orienteering is a recreational and competitive sport for people of all ages. Using a highly-detailed topographic map as a primary tool and a compass to stay oriented, participants try to select and follow the best route between specified points through unknown terrain. This Tyler event is the finale of a national two-day competition, and will use a new map of the entire Arboretum created by Delaware Valley Orienteering Association. It also incorporates the 2015 US National Schools Championships for orienteering. Everyone is encouraged to try a course. The start for the recreational (beginner) courses will be between 10:00 and 11:00 a.m. *There will be a 3-hour time limit and complete instruction for beginners. More information on orienteering can be found at www.dvoa.org.*

Pre-registration is not required, but please contact the registrar at www.dvoa.org if planning to bring a group of 5 or more; registration fee is \$18 per adult and \$12 for ages 20 and under; fee includes rental of an electronic punch.

Delco Road Runners 10K Trail Run

Saturday, April 11, 9:00 am

Runners of all speeds and abilities are welcome to test themselves against a course that runs through the heart of the beautiful and historic Tyler Arboretum. The course is fast and challenging, with many elevation changes and four shallow creek crossings. This race was named one of the Philadelphia area's best races by Philadelphia Magazine's Be Well Philly. Presented by Delco RRC, the race is a USATF Mid-Atlantic Off Road GP event. *There is a limit of 400 runners. It has sold out the last five years, so don't delay!*

For more information and to register, visit www.TylerTrailRun.com or www.Delcorrc.com.



Plant Sale

Members' Preview: Friday, May 1, 11:00 am – 7:00 pm

General Public Sale: Saturday, May 2, 9:00 am – 3:00 pm

Tyler's annual Plant Sale offers gardeners a myriad of options and hard to find trees, shrubs, perennials, annuals and herbs. This year's sale features a special selection of tough plants



for tough spaces. As always, there will also be a strong assortment of deer-resistant plants. Our plant experts will be on hand to help select the best plants for individual landscapes and gardens and our volunteers will help pack and load your new treasures for the ride home.

Admission to the Arboretum is FREE to everyone for Saturday's event.

National Public Gardens Day

Friday, May 8, 9:00 am – 5:00 pm

National Public Gardens Day is a day set aside to celebrate the historic and beautiful public gardens throughout America. This day recognizes the important role our public gardens play in promoting gardening, environmental stewardship and education in communities nationwide. Come enjoy Tyler's beautiful spring blooming plants and walk through our meadows and woodlands.

Admission to the Arboretum is FREE to everyone on National Public Gardens Day. Special craft stations for kids from 10:00 a.m. to 12:00 p.m.

SAVE THE DATE

Tyler at Twilight Auction

Thursday, June 18, 2015

6 – 10 pm

To receive an invitation, please email
srogers@tylerarboretum.org
or call 610-566-9134 ext 210

Members Only Events

Members Only Eggstravaganza

Saturday, March 28, 10:00 am – 12:00 pm

Eggs are everywhere in the Arboretum in the springtime. Discover why birds are sitting on their eggs, frog and toad eggs float in the Pond and special cases hide insect eggs in the meadow. Learn about bunnies and other Arboretum animals born in spring. Wear your silliest Easter hat (best one wins a prize!) and enjoy an Easter egg hunt, natural egg dyeing, egg-cellent crafts and more.

Pre-registration required by calling Joanne Landau at 610-566-9134, ext. 215; limited capacity; first come, first served; \$3 per person, Under 2 FREE.



Plant Sale Preview

Friday, May 1, 11:00 am – 7:00 pm

Come a day early and shop prior to the public sale for the best selection and fewer crowds.

Members receive a 5% discount on all purchases this day only.

See the Plant Sale listing under Special Events for detailed information on this year's sale.



Community Read Events

The Community Read initiative is designed to inspire people to pick up a good book, to encourage reading for pleasure and enlightenment and to start a conversation in our community.

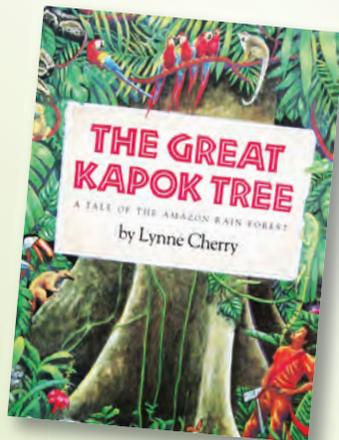
The Community Read is led by Longwood Gardens and partner institutions including libraries, public gardens and conservation institutions. Join us to think about the natural world and our relationship to it by reading Robin Wall Kimmerer's book, *Braiding Sweetgrass: Indigenous Wisdom, Scientific Knowledge and the Teachings of Plants*. The corresponding title for families is *The Great Kapok Tree: A Tale of the Amazon Rain Forest* by Lynne Cherry. This is the 25th anniversary of its publication and it has a terrific ecological message.

The Great Kapok Tree Event

Saturday, April 18, 10:00 – 11:30 am

Help deepen your child's connection to the natural world with a morning of fun featuring *The Great Kapok Tree* by Lynne Cherry. The event will kick-off with story time led by a librarian from the **Delaware County Library System**. This wonderful children's book weaves the message of rainforest conservation through the stories told by animals that depend on the Great Kapok Tree. After the story, take a walk with Tyler educators to discover our local "kapok trees" – trees that support insects, birds, mammals and humans.

Pre-registration required; FREE for everyone. Suitable for ages 4 and up.

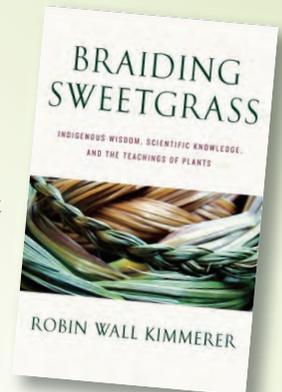


Braiding Sweetgrass Event

Tuesday, April 21, 1:30 – 3:00 pm

Come join the conversation! **Susan Purcell** from the **Delaware County Library System** will be leading an adults-only book discussion of *Braiding Sweetgrass* by Robin Wall Kimmerer. Intended for a general audience, the book pairs an engaging amount of plant science (no previous knowledge needed) and insight into Native American cultural beliefs toward plants and the natural world. After the book discussion, Tyler educators will take participants out into the Native Woodland Walk and beyond to discover the plants that the Lenape used for food, transportation or medicine. *Books will be provided for participants to pick up at Tyler Arboretum.*

Pre-registration required; FREE for everyone



Gardening and Horticulture

Magnificent Magnolias

Saturday, April 11, 1:00 – 3:00 pm

Magnolias are a focal point of many spring landscapes with their outstanding blooms and artistic branches. Prized for their broad range of flower types, colors and fragrances, Tyler Arboretum's magnolia collection includes important Asiatic, native and hybrid varieties. Join **Randy Kobetich** for an indoor exploration of these beautiful flowering trees followed by an outdoor walk to highlight the best of Tyler's collection. Randy is an established magnolia hybridizer and grower in our region. *Dress for the weather.*

Pre-registration required; \$15 members, \$20 non-members

Chinese Greens Basket Workshop

Sunday, April 12, 1:00 – 2:30 pm

Join us to kick off the spring vegetable season and grow your culinary repertoire! Tyler Vegetable Gardener **Gabrielle LeBlanc** and Volunteer Coordinator **Julia Lo Ehrhardt** will show you how to create a hanging basket using Chinese greens like pak choi and choi sum. Learn about seasonal harvest and take home recipes for delicious meals. *Plants, soil, liner and 14" wire basket provided. Please bring work gloves and a box for transport.*

Pre-registration required; \$35 members, \$40 non-members

Rhododendron Strolls

Fridays, April 17, 24, May 8, 15, 22 and 29, 10:00 – 11:30 am

Revel in the beauty of 13 acres of azaleas and rhododendrons on an informative tour led by **Jerry O'Dell**, Tyler's Wister Rhododendron gardener. This amazing heritage collection contains hundreds of varieties and species with a bloom season that stretches from spring to early summer. Each week is different, as new plants come into bloom, so come back often to enjoy the show.

No pre-registration required; FREE with admission



Gardening for Butterflies

Saturday, April 25, 10:00 – 11:30 am

Butterflies are important pollinators in our local ecosystems, but populations are feeling pressure as their habitats become small and scattered. Private home landscapes can provide critical habitats for butterflies and their hungry caterpillars. Join landscape architect **Hannah LaCasse** to learn which plants are best to attract and keep beautiful butterflies in your yard. An informational presentation highlighting threats to butterflies and keys to their survival will be followed by the development of a planting design catering to butterflies that is sure to enhance color and flutters around your home.

Pre-registration required; \$20 members, \$25 non-members

Strawberry Basket Workshop

Saturday, April 25, 1:00 – 2:30 pm

Strawberries are easy to grow at home in hanging baskets. Join Tyler Vegetable Gardener **Gabrielle LeBlanc** and Volunteer Coordinator **Julia Lo Ehrhardt** to create a beautiful and tasty basket using a mix of strawberry plants and violas. These baskets are excellent for small spaces or apartment dwellers. *Plants, soil, liner and 14" wire basket provided. Please bring work gloves and a box for transport.*

Pre-registration required; \$35 members, \$40 non-members

Garden Trip: Scott Arboretum

Tuesday, May 5, 9:30 am - 1:00 pm

Tyler Arboretum and the Scott Arboretum of Swarthmore College share a common horticultural thread – the first director of both institutions was the same remarkable man, Dr. John C. Wister. Wister's lasting legacy is a source of inspiration to gardeners for generations to come. Join Scott Arboretum Curator **Andrew Bunting** to discover the Wister Garden, a charming spring woodland garden highlighted by sweeps of bulbs and rhododendrons. Andrew will also highlight Wister's other significant collections including lilacs and tree peonies amongst Swarthmore College's picturesque campus. *Carpool/parking information will be provided; please bring a bag lunch to enjoy at the garden.*

Pre-registration required; \$10 members, \$15 non-members

Pruning Rhododendrons and Azaleas

Sunday, May 17, 1:30 – 3:00 pm

There are many reasons to prune rhododendrons and azaleas and the perfect time to do it is just after they bloom. Join **Jerry O'Dell**, Tyler's Wister Rhododendron gardener, for this practical workshop that will include both the theory and hands-on practice of pruning to create beautiful specimens in your landscape. Topics that will be covered are proper pruning technique, pruning for shape and rejuvenative pruning to reduce size and bring back your plants into scale for the garden. *Part of the class will be held outdoors – please dress for the weather. Bring gloves and hand pruners.*

Pre-registration required; \$15 members, \$20 non-members



Botanical Arts

Still Life Painting

Wednesdays, March 18, 25, April 1 and 8,
1:00 – 4:00 pm

Join local artist **Rick Phillips** to discover the fundamentals of oil painting. During this four-part series, students will learn to mix oil colors and paint nature-inspired still lifes. By breaking down the still life into its simplest shapes, students will learn how to “block in” the painting and then add the necessary detail at the end. Lessons will provide the foundation to tackle more complex subjects by helping to build student confidence. All levels are welcome. *Instructor will provide supplies; students will need to purchase two canvases (8" x 10").*

Pre-registration required; \$90 members, \$100 non-members

Spring Basket Floral Arrangement

Saturday, March 28, 2:00 – 4:00 pm

Celebrate the beauty of spring with a basket arrangement featuring hand-dyed eggs and fresh flowers. We will begin by using natural plant-derived dyes to produce elegant holiday eggs. While the eggs are absorbing their colors, floral designer **Leona Swiacki** will teach you how to craft a magical arrangement to display them in – a creation perfect for your own table or to bring as a hostess gift. *All materials are provided; bring floral shears.*

Pre-registration required; \$40 members, \$45 non-members

Photo Walk: Spring Has Sprung

Saturday, April 4, 1:30 – 4:00 pm

April is a wonderful period of renewal at Tyler, as the amber landscapes come alive with a thousand shades of green, and bright new growth contrasts strikingly against clear blue skies. Insects buzz, baby animals explore, and flowers seem to bloom by the minute as the world wakes and shakes off the last of winter's slumber. Join naturalist photographer **Chris Lawler** for a comfortable venture along Tyler's woodland trails and meadows to capture these breathtaking

changes through your camera's lens. *Perfect for all levels of photographers and cameras (even camera phones).*

Pre-registration required; \$10 members, \$15 non-members

Hypertufa Wall Hanging Workshop

Saturday, April 18, 10:00 – 11:30 am

Put your best “face” forward as we create whimsical wall hangings out of hypertufa -

artificial stone made from Portland cement mixed with other materials. Instructor **Mary**

Tilger will guide you through the process of molding the hypertufa into individually crafted faces perfect for your home or garden. This workshop does not require any artistic skill, just bring a sense of humor and inspirational pictures to spark your creativity. *All materials provided; please bring a pair of well-fitted rubber kitchen gloves. Limited space so register today!*

Pre-registration required; \$45 for members, \$50 for non-members

Traditional Landscape Plein Air Painting

Wednesdays, April 22, 29, May 6 and 13,
1:00 – 4:00 pm

During this four-part series, local artist **Rick Phillips** will introduce students to his method for capturing the mood and magic of landscape painting in a beautiful spring setting at Tyler. Each outdoor class will start with a demo, followed by plenty of time for student work and a personal critique. All levels are welcome and instruction can be catered to each student through demonstration and help at the easel. *Instructor will provide supplies; students will need to purchase four canvases (8" x 10").*

Pre-registration required; \$90 members, \$100 non-members



Photo Walk: Focus on Flowers

Saturday, May 9, 1:30 – 4:00 pm

There's no better time than early May to experience the bounty of blooms and colors at Tyler Arboretum. Rhododendrons, lilacs and countless wildflowers show off in their peak form, and beauty abounds! Enjoy a leisurely stroll with naturalist photographer **Chris Lawler** through Tyler's gardens and specimen collections, as he offers tips and suggestions for the composition and capture of stunning floral portraiture. *Perfect for all levels of photographers and cameras (even camera phones).*

Pre-registration required; \$10 members, \$15 non-members

Natural Studies

Spring Bird Walks

Every Wednesday,
8:15 – 10:15 am

FREE FOR MEMBERS!

Join Tyler's experienced birders in search of the numerous spring migrants throughout the Arboretum. Beginners and experts both welcome. *Bring bird guides and binoculars.*

No pre-registration required; FREE with admission

Weekday Wildflower Walks

Every Wednesday, 11:00 am – 1:00 pm

FREE FOR MEMBERS!

Spring explodes with wildflowers as woodland plants emerge from their winter slumber. Discover them with experts **Richard Brenner** and **Dick Cloud** and experience spring unfolding at Tyler.

No pre-registration required; FREE with admission

Sunday Wildflower Walks

Sundays, March 8, April 12, May 10,
1:30 – 3:30 pm

FREE FOR MEMBERS!

Can't attend our Weekday Wildflower Walks? Join **Dick Cloud** for a Sunday afternoon walk in search of the numerous spring blooms in Tyler's woods and meadows.

No pre-registration required; FREE with admission

Historic Building Tours

Sundays, April 12 and May 3,
1:00, 2:00 and 3:00 pm

FREE FOR
MEMBERS!

Get a behind-the-scenes tour and learn about the daily lives of the eight generations of family members who lived on Tyler's property for 150 years. Originally built in 1738, Lachford Hall represents over two centuries of residence by the Minshall-Painter-Tyler family.

No pre-registration required; FREE with admission

Surviving the Wild: Fire

Saturday, March 14, 10:00 am – 1:00 pm
(Inclement weather date: Saturday, March 21)

In the wild, key survival priorities include staying hydrated, signaling your rescuers and maintaining your body heat. There is one element that can help you with all three – fire. In this hands-on workshop, **Mark Steele** will lead you in an exploration and experience of fire-making from prehistoric to modern methods. You will have the opportunity to try most of these methods and experience the steps necessary for successful fire-building. Mark Steele is a former Army officer with experience in woods, mountains, deserts and jungles.

Pre-registration required; \$20 members,
\$25 non-members

Watershed Program Series

Sundays, March 22, April 19 and May 17,
1:00 – 3:30 pm

Dive into watershed science with this informational, hands-on series! This series is a great opportunity to learn about aquatic habitats, the cool critters that call it home and how our day-to-day practices affect the health of our watershed. *Suitable for adults and teens.*

March 22 – Watershed 101

Define our local watersheds, review the water cycle and explore the basics of freshwater ecology. Learn what you can do at home to conserve water and help protect the health of our watershed.

April 19 – Macroinvertebrates

Discover the importance of macroinvertebrates, their role in aquatic food webs and their usefulness in indicating stream



health. Get first-hand experience collecting macroinvertebrates, learn species characteristics and use keys/guides to practice identification.

May 17 – Chemical Testing

Water quality can be determined and monitored with regular chemical testing for pH, dissolved oxygen and nitrate levels. Learn the science behind the tests and get first-hand experience using the equipment in our streams.

Pre-registration required; Series of three classes: \$25 members, \$40 non-members; individual class: \$10 members, \$15 non-members

Birding Trip: Bombay Hook

Tuesday, April 14, 7:00 am – 6:00 pm

Enjoy a great day of birding at Bombay Hook National Wildlife Refuge with trip leader **Sue Lucas**. Bombay Hook lies on the Atlantic Coastal Plain along the western shore of the Delaware Bay. Covering nearly 16,000 acres, the refuge contains extensive tidal salt marsh interrupted by winding rivers and creeks. These diverse habitats attract bald eagles, breeding ducks, shorebirds and early spring migrants. *Please bring a lunch, field guides, and binoculars. Beverages, snacks, and transportation will be provided.*

Pre-registration required; \$55 members,
\$65 non-members

Spring Tree Identification Walk

Saturday, April 18, 1:30 – 3:00 pm

FREE FOR
MEMBERS!

This walk, led by **John Wenderoth** and **Ted Cavey**, will examine changes that occur with the coming of warmer weather and the end of winter dormancy. The specific changes include flowering and the emergence of new leaves, both of which can influence the character and appearance of deciduous trees during this transition to another year of growth.

No pre-registration required; FREE with admission

Braiding Sweetgrass Event

Tuesday, April 21, 1:30 – 3:00 pm

This event will include an adult book discussion and a Lenape plant walk. *Please see the full event description on the second page of the programs section in the Community Read Events box.*

Pre-registration required; FREE for everyone

Wildflower Trip: Shenk's Ferry Wildflower Preserve

Thursday, May 7, 8:30 am – 5:00 pm

Join wildflower devotee **Richard Brenner** for a visit to one of the very best natural wildflower preserves in the country during its peak bloom. Shenk's Ferry is located in Lancaster County in a valley overlooking the beautiful Susquehanna River. We expect to see spectacular masses of



white trillium and large numbers of trout lilies. Many other spring ephemerals including Dutchman's breeches, squirrel corn, bleeding heart, hepatica and rue anemone should abound. On the way back, we will stop for an ice cream splurge. *Please bring a bag lunch. Transportation, beverages and snacks (not including ice cream) will be provided.*

Pre-registration required; \$55 members, \$65 non-members

Birding Trip: Cape May

Tuesday and Wednesday, May 12 and 13, departing at 7:00 am and returning by 6:00 pm

Sue Lucas and other birders will lead this favorite trip to Cape May, New Jersey. You'll observe the many birds that stop along the shoreline all around Cape May. This two-day trip includes transportation, lodging, breakfast, lunch on Wednesday and a boat ride. Tuesday dinner is Dutch treat. *Bring field guides, binoculars and a brown bag lunch for Tuesday.*

Pre-registration required; \$215 double or \$240 single for members, \$250 double or \$275 single for non-members

Surviving the Wild: The Shelter Challenge

Saturday and Sunday, May 30 and 31, starting at 12:00 pm and ending by 9:00 am

You've seen the survival shows on TV – join us and try it yourself at Tyler! One of the critical survival priorities is always shelter. Shelter protects you from losing critical body heat in the

cold or wet and can protect you from the sun in a hot, dry climate. Instructor **Mark Steele** will provide you with the knowledge, skills and confidence you need to be able to create a shelter that will protect you from the elements. In this workshop, attendees will build their own shelter in the "wilds" of Tyler Arboretum and sleep in it overnight. Mark Steele is a former Army officer with experience in woods, mountains, deserts and jungles. *Supply list will be provided; registrants will bring their own food.*

Pre-registration required; \$60 members, \$75 non-members

Health and Wellness

Herbal Remedies: Spring Cleaning with Herbs and Essential Oils

Tuesday, March 10, 7:00 – 8:30 pm

Most herbs have antimicrobial properties that can help keep you and your house germ-free. Essential oils are highly concentrated forms of the plant that are very effective at cleaning and germ removal. Join herbalist **Jayne Tamburello** to learn how you can use herbs and essential oils to keep your home clean and your family and pets safe. Jayne will also guide you in the creation of your own herbal cleaning materials to take home.

Pre-registration required; \$15 members, \$20 non-members

Herbal Remedies: Teas, Tinctures & Powders

Tuesday, March 24, 7:00 – 8:30 pm

Join us to learn the basics of preparing the most common and simplest herbal medicinal preparations. Which herbs are best in tea form or for tinctures? What is an infusion? How do you use herb or spice powders in a medicinal way? Clinical herbalist **Jean Gupta** will answer these questions and more! Each participant will have the opportunity to select an herb and prepare a pint of tincture to take home. Also taste some "Anti-Inflammatory Freezer Fudge" made from herbal powders (recipe included).

Pre-registration required; \$15 members, \$20 non-members

Yoga in the Garden

Session 1: Tuesdays, March 24 – April 28, 6:00 – 7:00 pm

Session 2: Tuesdays, May 5 – June 9, 6:00 – 7:00 pm

Experience the joy of practicing yoga in a magnificent outdoor setting. During these two six-week sessions, classical yoga instructor **Beth Mulholland** will provide students an opportunity to seek inner serenity while surrounded by the beauty of Tyler's spring bloom. Intended for beginner and intermediate level students, this class emphasizes smooth, flowing postures and the benefits of focused breathing to achieve harmony. Classes take place outdoors and move inside if weather necessitates. *Please dress appropriately and bring a mat.*

Pre-registration required; Series of six classes: \$78 members, \$96 non-members; individual class: \$15 members, \$18 non-members

Spring Medicinal Plants – Talk & Walk

Saturday, May 16, 10:00 am – 12:00 pm

Discover the medicinal plants found during the spring season throughout Tyler's woodlands and meadows. Learn which plants can be used for home remedies and for nutritious spring greens. **Jean Gupta**, clinical herbalist and field botany enthusiast, will start indoors to teach participants how to identify these common spring

plants, as well as highlight their medicinal uses. After the presentation, join her on an outdoor walk to see these plants up-close on Tyler's trails.

Pre-registration required; \$15 members, \$20 non-members

Night Hikes

Saturdays, March 7, April 11, 7:00 – 9:00 pm and May 2, 7:30 – 9:30 pm

Experience the magic of Tyler's natural areas after dark. Guide **Dick Cloud** and Tyler staff will share points of special interest and seasonal highlights while leading a brisk hike. This walk is for adults and teens. *Bring a flashlight and wear shoes suitable for uneven trails that may include moderate to steep trails.*

Pre-registration required; \$10 members, \$15 non-members

Youth Programs

Toddlers in Nature

Ages 18 – 36 months

Wednesdays, 9:30 – 10:30 am & 10:45 – 11:45 am

Toddlers in Nature programs are for toddlers and their favorite adult. Toddlers are all about exploring their sense of wonder and each program includes a story, theme exploration and time in nature.

Pre-registration required; \$10 members, \$15 non-members (Fee is for the child only)

March 11 – What Will the Weather Be Like Today?

March weather can be unpredictable, and we will introduce your toddler to weather words you might be using this month. Learn about wind and rain, and make your own rainbows.

March 25 – My Spring Robin

We often hear that robins are the first sign of spring. Take a walk around Tyler and see which signs of spring we can spot.

April 8 – I Am a Little Rabbit

The Easter Bunny gets a lot of attention, but real rabbits are plenty cute themselves. Go hopping through the trees and discover what it might be like inside a rabbit's den.



April 22 – The Tiny Tadpole

It's frog season at Tyler! Learn how a tadpole grows into a frog and head to a pond to search for frogs, fish, turtles and other pond life.

May 6 – Mama Built a Little Nest

Celebrate mamas as we explore the many varieties of nests birds build for their babies. We'll go outside to see if we can spot any birds at work and gather materials to make our own nests.

May 20 – Bob and Otto

Toddlers love to dig in the dirt. Meet Bob and Otto, two squirmy best friends who also love digging in the dirt, eating leaves and playing together until Bob goes through a few changes. Find out what makes worms and caterpillars different and go on a worm hunt.

NEW!

Featured Series: The Senses

Tuesdays, 9:30 – 10:30 am (18 – 36 mos.) & 10:45 – 11:45 am (3-year-olds)

Ages 18 – 36 months

Age 3

This series of classes is designed to be both a fun, hands-on investigation for young children and an opportunity for parents to learn more about how the senses develop in early childhood. Each class will feature one of the senses and may include activities such as stories, games, movement and nature-based sensory play/discovery. Parents will leave each class with a deeper understanding of their child's development and plenty of ideas for further exploration at home.

Pre-registration required; Series of six classes: \$50 members, \$80 non-members (Fee is for the child only)

- March 10 – Touch**
- March 24 – Motion**
- April 7 – Smell**
- April 21 – Taste**
- May 5 – Sight**
- May 19 – Sound**

Teeny Tiny Trackers

Age 3

Mondays, 10:00 – 11:00 am

Teeny Tiny Trackers programs are for 3-year-olds and their favorite adult. Each program includes an indoor lesson with outside time to explore.

Pre-registration required; \$10 members, \$15 non-members (Fee is for the child only)

March 9 – Hungry Critters

Some animals are waking up after a long winter nap. Let's discover what they eat and how we can help them.

March 23 – March Winds

This month brings windy weather. We will learn all about wind and fly around the Arboretum with a fun craft we make ourselves.

April 6 – Hello Spring

We all love spring – warmer weather, longer days and more flowers. Take a walk and see what all the excitement is about.

April 20 – Meet a Tree

Tyler is home to some very special trees. Let's go find them, learn why they are so great and dance around a tree or two.

May 4 – All About Birds

Many of our feathered friends are now coming back after a long winter away. Use binoculars to spot them and meet a very friendly live bird up-close and personal.

May 18 – Painting With Flowers

Using petals, leaves and other natural materials we will paint colorful pictures to take home and enjoy.

Let's Go Play!

Age 3

Thursdays, 10:00 – 11:00 am

Let's Go Play programs are designed for 3-year-olds and their favorite adult. Using Tyler as a natural playground, we will explore different ways to play in the outdoor world. Each program includes an indoor lesson and an outdoor play activity.

Pre-registration required; \$10 members, \$15 non-members (Fee is for the child only)

March 12 – Scavenger Hunt

Join us as we search for signs of spring. What do you think we will find?

March 26 – Fly a Kite

We will build our own kites to fly outside. How can we make them take flight?

April 9 – On a Hike

Tyler has over 17 miles of trails, many of them blooming with flowers in the spring. Together we will take a hike to search for the many colors and possibly run into some critters along the way.

April 23 – Play Games

Bring your energy and sense of adventure! We will use things we find in nature as part of our play.

May 7 – Plant Seeds

Together we will hike around to discover what is sprouting. Afterwards, we will plant our own seeds!

May 21 – Investigate the Pond

Join us as we take a closer look at what lives in Tyler's ponds. What can we find when we look very carefully?

Garden Sprouts

Ages 4-6

Tuesdays, 1:00 – 2:30 pm

Garden Sprouts programs are designed to introduce children and their favorite adult to the world of plants and gardening. Each program includes an indoor lesson and an outdoor walk to complement hands-on fun with plants.

Pre-registration required; \$10 members, \$15 non-members (Fee is for the child only)

March 24 – Fun with Bulbs

When spring has sprung, bulbs start popping! Little gardeners will delight at searching throughout the Arboretum for colorful bulbs and other spring flowers. We'll create tulips that can be taken home as a charming keepsake.

April 7 – Buried Treasures

Learn what potatoes, onions and carrots have in common as we dig up and plant some buried botanical treasure.

April 21 – Fun with Herbs

Head out to the Fragrant Garden and play a guessing game with herbs. Discover how you and your friends can send secret messages with flowers!

May 5 – Fun with Lilacs and Magnolias

The Arboretum is awash with pink and purple when the magnolias and lilacs are in bloom. It's a magical site to see and the heavenly scent will excite kids and parents alike.

May 19 – Gear Up Your Green Thumb

Get ready to "dig in" and get dirty! Help harvest the garden and prepare for summer-time fun! Snack, nibble and try foods right off the plant!

Tyler Tales

Ages 4-6

Wednesdays, 10:00 – 11:30 am

Tyler Tales programs are for children and their favorite adult. Each program includes a story, activity or craft and outside time to explore.

Pre-registration required; \$10 members, \$15 non-members (Fee is for the child only)



March 18 – *A Rainbow of My Own*

Leprechauns aren't the only ones who are interested in rainbows. In this book, a little boy goes out chasing a rainbow and imagines what it would be like to have one of his own. Discover how rainbows are made and then try making some of our own too!

April 1 – *Spring Blossoms*

Celebrate the arrival of spring with this rhyming homage to its flowering trees. This book is beautifully illustrated with tree blossoms that will really captivate children and adults alike. After learning about the trees, go on a spring scavenger hunt through Tyler's blooming landscape.

April 15 – *Rabbits and Raindrops*

What are the rabbits doing now that Easter has passed? In this book, five baby rabbits wait out a rainstorm and discover the other creatures who are seeking shelter there too. Get to know more about rabbits and then head outside for a game of "rabbit tag" in the woods.

April 29 – *Jump, Frog, Jump!*

A frog tries to catch a fly, but finds himself on the other end of the food chain in this fun tale. Investigate frogs and take a walk to a pond to see how many of the animals we can find in the pond food chain.

May 13 – *Mama Built a Little Nest*

Celebrate mamas as we explore the many varieties of nests birds build for their babies in this lovely book. We'll go outside to see if we can spot any birds at work and gather materials to make our own nests.

May 27 – *Diary of a Worm*

This hilarious picture book gives a glimpse into the daily life of a worm. It turns out being a worm has its perks, like never having to take a bath or go to the dentist. Find out what worms really do all day and how they help us!

Tiny Trackers

Ages 4–6

Thursdays, 1:00 – 2:30 pm

Tiny Trackers programs are for children and their favorite adult. Each program includes a lesson, an outdoor walk and a craft to take home.

Pre-registration required; \$10 members, \$15 non-members (Fee is for the child only)

March 5 – *Maple Sugaring*

From tap to table, learn how real maple syrup is made.

March 26 – *Catch the Wind*

Enjoy some open spaces of Tyler as we discover how the wind keeps life moving.

April 9 – *What Color is Spring?*

Join us on a search for spring colors. Why are some things harder to find than others?

April 23 – *Frog Hunt*

Let's peek at our ponds in search of frogs and other aquatic friends.

May 7 – *Hooray for May*

It's spring! Explore the great outdoors and discover the many textures and colors of nature. Then celebrate spring by dancing around a May Pole.

May 21 – *Buzzing Around the Arb*

Pollinators abound this time of year! Search for honey bees and bumble bees and learn why they are so important to our flowers.

Art in the Arb

Ages 5–6

Fridays, 10:00 – 11:30 am & 1:00 – 2:30 pm

Art in the Arb programs are for kindergarteners and their favorite adult. Enjoy nature through art while learning to use your imagination and basic art principles.

Pre-registration required; \$10 members, \$15 non-members (Fee is for the child only)

March 13 – *Sunshine, Rain and Rainbows*

Winter is almost over, so let's start off spring with a colorful blast! Explore how rainbows are made with prisms and learn about the color wheel,

primary and secondary colors. Show off your new knowledge with a colorful rainbow collage you can take home.

March 27 – *Eggs, Eggs, Eggs*

This week it's all about eggs! Learn about traditional Ukrainian *pysanka* and use natural dyes and wax to make our own. These dyes will stain clothing too, so wear clothes you don't mind getting messy.

April 10 – *What A Beautiful View*

Landscape artists painted beautiful views before cameras were invented. Use our homemade viewfinders to find your favorite Tyler landscape and paint your masterpiece.

April 24 – *Festival of Cherries*

In Japanese culture, nature influences art in major and beautiful ways. Visit cherry trees and create your own cherry blossom scroll. We will be traveling quite a ways outside, so dress for the weather.

May 22 – *Best Bee Builders*

Did you know that bees are some of the best architects in nature? We'll explore the hives they are building at Tyler and learn about the architecture while we build our own.

Little Stepper Hikes

All Ages

Tuesdays, 10:00 – 11:30 am

Pack up your baby, toddler, preschooler and/or kindergartener and join us for some great exercise in the form of a nature adventure. These excursions are specially designed for kids of all ages and their favorite adult to introduce them to the fun of hiking. This is an outdoor program; please dress for the weather (severe weather cancels). Feel free to bring water and light snacks.

Pre-registration required; \$10 members, \$15 non-members (Fee is for the child only)

March 17 – *Ponds Hike*

Explore Tyler's big pond, little ponds and vernal ponds. We will look for frogs, toads and turtles and discover what is happening in them this time of year.

April 14 – Sunshine Hike

Spring is here! Time to celebrate the vernal equinox with a hike in the sunshine (unless it is cloudy or raining, but we will celebrate anyway!).

May 12 – Meadow Maze Hike

Explore the Meadow Maze and the four compass stones, crawl through the brush pile, cross the bridge and enjoy your snack inside the stone basking circle.



Picnics in Nature

All Ages

Tuesdays, 10:00 – 11:00 am

Everyone loves picnics – especially at Tyler Arboretum! This program is designed for kids of all ages and their favorite adult. Each program includes a snack, fun and learning about our natural world. Picnic locations may change depending on weather. Tasting foods is optional, but a fun sensory experience; if allergies are a concern, please make a note when registering.

Pre-registration required; \$10 members, \$15 non-members (Fee is for the child only)

March 31 – Lenape

We will hear a wonderful story about our local Native Americans, try some Lenape food and then explore how the Lenape hunted, farmed, gathered and ate.

April 28 – Snacks from Trees

From chocolate to apples there are many snacks that come from trees. Taste some of these foods and learn why trees are so terrific (and yummy)!

May 26 – Spring Berries

Strawberries, raspberries and blueberries – oh my! Spring abounds with berries. Take a hike to see what other fruits are growing in our gardens and have a picnic along with friendly pollinators, like butterflies and bees.

Family Programs

Grab the kids and come have fun together at Tyler! Interactive programs let you learn, create or explore nature and plants. Fee is for each child and each adult.

Natural Egg Dyeing

Sunday, March 29, 1:00 – 3:00 pm

In this hands-on class, kids and adults will color eggs with dyes made from onions, beets, blueberries and other natural products and decorate them with silhouettes of leaves and flowers. Participants will each color five eggs. Suitable for ages 4 and up.

Pre-registration required; \$6 members, \$12 non-members

Froggy Madness

Sunday, April 12, 10:00 – 11:30 am or 1:00 – 2:30 pm

Spring is a wonderful time to search for frogs and other amphibians. Visit our ponds, streams and vernal pools to search for frogs and other slithering things. Learn how to identify frogs and toads by sight and sound, and explore their habitats to see what else might call them home. Suitable for ages 4 and up.

Pre-registration required; \$6 members, \$12 non-members

The Great Kapok Tree Event

Saturday, April 18, 10:00 – 11:30 am

This event will include story time and an educational walk. Suitable for ages 4

and up. Please see the full event description on the second page of the programs section in the Community Read Events box.

Pre-registration required; FREE for everyone

Aquatic Bug Hunt

Sundays, April 19, 10:00 – 11:30 am and May 17, 10:00 – 11:30 am

FREE FOR MEMBERS!

If you like rolling logs with your children, your family will love looking for the creepy crawlies with gills that live in Tyler's Rocky Run Creek. Crayfish, water beetles, dragonfly nymphs and caddisfly larvae await! Your family will learn to catch and identify aquatic invertebrates and learn what these bugs can tell you about the health and cleanliness of your stream.

Suitable for ages 5 and up.

Pre-registration required; FREE for members, \$12 non-members

Twilight Hike

Saturday, May 23, 7:00 – 8:30 pm and May 30, 7:00 – 8:30 pm

Hiking as darkness falls is a magical experience. We will learn which animals and birds may be out at night and see if we can spot them by sight or sound. The night concludes with drinks and cookies. Wear sturdy shoes and bring a flashlight. Suitable for ages 4 and up.

Pre-registration required; \$6 members, \$12 non-members

Spring Break Camp

Ages 6 – 9

Monday, March 30 and Tuesday, March 31, 9:00 am – 3:00 pm

A day of nature exploration and fun is the perfect solution when your child has a day off and you have to work! These easy-going days are filled with discovery, games, crafts, hikes and projects so engaging the kids won't even know they're learning. Extended care is available for \$12 extra per day starting at 8:00 a.m. and concluding at 5:00 p.m. Spring Break Camp is for children 6 – 9 years old.

Pre-registration required; \$50 members, \$60 non-members

March 30 – Science of Nature

Watch things fizz and pop in this explosive day of camp. Make oobleck, watch things explode, and play with slime during this fun and messy day.

March 31 – Art of Nature

Nature is the true inspiration for this day of camp. Make art out of natural materials, use nature for paint brushes and paint, pound some leaves and make creations to leave at Tyler and to take home.



Tyler

Spring 2015

Calendar of Programs & Events

Tyler Arboretum Spring Programs and Events

Spring Bird Walks: Every Wednesday, 8:15 – 10:15 am

Weekday Wildflower Walks: Every Wednesday, 11:00 am – 1:00 pm

Sunday Wildflower Walks: Mar. 8, Apr. 12 and May 10, 1:30 – 3:30 pm

These walks are ALWAYS FREE FOR MEMBERS!

March

- Sun. Mar. 1 Witch-hazels: Harbingers of Spring
- Thurs. Mar. 5 Tiny Trackers: Maple Sugaring
- Sat. Mar. 7 Night Hike
- Mon. Mar. 9 Teeny Tiny Trackers: Hungry Critters
- Tues. Mar. 10 Senses Series: Touch
- Tues. Mar. 10 Herbal Remedies: Spring Cleaning with Herbs and Essential Oils
- Wed. Mar. 11 Toddlers in Nature: What Will the Weather Be Like Today?
- Thurs. Mar. 12 Let's Go Play!: Scavenger Hunt
- Fri. Mar. 13 Volunteer Information Session
- Fri. Mar. 13 Art in the Arb: Sunshine, Rain and Rainbows
- Sat. Mar. 14 Surviving the Wild: Fire
- Tues. Mar. 17 Little Stepper Hikes: Ponds Hike
- Wed. Mar. 18 Tyler Tales: *A Rainbow of My Own*
- Wed. Mar. 18 Still Life Painting Series
- Sun. Mar. 22 Orienteering at Tyler
- Sun. Mar. 22 Watershed Program Series: Watershed 101
- Mon. Mar. 23 Teeny Tiny Trackers: March Winds
- Tues. Mar. 24 Senses Series: Motion
- Tues. Mar. 24 Garden Sprouts: Fun with Bulbs
- Tues. Mar. 24 Yoga in the Garden
- Tues. Mar. 24 Herbal Remedies: Teas, Tinctures & Powders
- Wed. Mar. 25 Toddlers in Nature: My Spring Robin
- Wed. Mar. 25 Still Life Painting Series
- Thurs. Mar. 26 Let's Go Play!: Fly a Kite
- Thurs. Mar. 26 Tiny Trackers: Catch the Wind
- Fri. Mar. 27 Art in the Arb: Eggs, Eggs, Eggs
- Sat. Mar. 28 Members Only: Eggstravaganza
- Sat. Mar. 28 Spring Basket Floral Arrangement
- Sun. Mar. 29 Family Program: Natural Egg Dyeing
- Mon. Mar. 30 Spring Break Camp: Science of Nature
- Tues. Mar. 31 Spring Break Camp: Art of Nature
- Tues. Mar. 31 Picnics in Nature: Lenape
- Tues. Mar. 31 Yoga in the Garden

April

- Wed. Apr. 1 Tyler Tales: *Spring Blossoms*
- Wed. Apr. 1 Still Life Painting Series
- Sat. Apr. 4 Photo Walk: Spring Has Sprung
- Mon. Apr. 6 Teeny Tiny Trackers: Hello Spring
- Tues. Apr. 7 Senses Series: Smell
- Tues. Apr. 7 Garden Sprouts: Buried Treasures
- Tues. Apr. 7 Yoga in the Garden
- Wed. Apr. 8 Toddlers in Nature: I Am a Little Rabbit
- Wed. Apr. 8 Still Life Painting Series
- Thurs. Apr. 9 Let's Go Play!: On a Hike
- Thurs. Apr. 9 Tiny Trackers: What Color is Spring?
- Fri. Apr. 10 Art in the Arb: What A Beautiful View

- Sat. Apr. 11 10K Trail Run
- Sat. Apr. 11 Magnificent Magnolias
- Sat. Apr. 11 Night Hike
- Sun. Apr. 12 Historic Building Tours*
- Sun. Apr. 12 Family Program: Froggy Madness
- Sun. Apr. 12 Chinese Greens Basket Workshop
- Tues. Apr. 14 Birding Trip: Bombay Hook
- Tues. Apr. 14 Little Stepper Hikes: Sunshine Hike
- Tues. Apr. 14 Yoga in the Garden
- Wed. Apr. 15 Tyler Tales: *Rabbits and Raindrops*
- Fri. Apr. 17 Rhododendron Stroll*
- Sat. Apr. 18 Community Read Event: *The Great Kapok Tree**
- Sat. Apr. 18 Hypertufa Wall Hanging Workshop
- Sat. Apr. 18 Spring Tree Identification Walk*
- Sun. Apr. 19 Family Program: Aquatic Bug Hunt*
- Sun. Apr. 19 Watershed Program Series: Macroinvertebrates

- Mon. Apr. 20 Teeny Tiny Trackers: Meet a Tree
- Tues. Apr. 21 Senses Series: Taste
- Tues. Apr. 21 Garden Sprouts: Fun with Herbs
- Tues. Apr. 21 Community Read Event: *Braiding Sweetgrass**
- Tues. Apr. 21 Yoga in the Garden
- Wed. Apr. 22 Toddlers in Nature: The Tiny Tadpole
- Wed. Apr. 22 Plein Air Painting Series
- Thurs. Apr. 23 Let's Go Play!: Play Games
- Thurs. Apr. 23 Tiny Trackers: Frog Hunt
- Fri. Apr. 24 Rhododendron Stroll*
- Fri. Apr. 24 Art in the Arb: Festival of Cherries
- Sat. Apr. 25 Gardening for Butterflies
- Sat. Apr. 25 Strawberry Basket Workshop
- Tues. Apr. 28 Picnics in Nature: Snacks from Trees
- Tues. Apr. 28 Yoga in the Garden
- Wed. Apr. 29 Tyler Tales: *Jump, Frog, Jump!*
- Wed. Apr. 29 Plein Air Painting Series

May

- Fri. May 1 Members Only: Plant Sale Preview*
- Sat. May 2 Plant Sale
- Sat. May 2 Night Hike
- Sun. May 3 Historic Building Tours*
- Mon. May 4 Teeny Tiny Trackers: All About Birds
- Tues. May 5 Garden Trip: Scott Arboretum
- Tues. May 5 Senses Series: Sight
- Tues. May 5 Garden Sprouts: Fun with Lilacs and Magnolias
- Tues. May 5 Yoga in the Garden
- Wed. May 6 Toddlers in Nature: Mama Built a Little Nest
- Wed. May 6 Plein Air Painting Series
- Thurs. May 7 Wildflower Trip: Shenk's Ferry Wildflower Preserve

- Thurs. May 7 Let's Go Play!: Plant Seeds
- Thurs. May 7 Tiny Trackers: Hooray for May
- Fri. May 8 National Public Gardens Day
- Fri. May 8 Rhododendron Stroll*
- Sat. May 9 Photo Walk: Focus on Flowers
- Tues. & Wed. May 12 & 13 Birding Trip: Cape May
- Tues. May 12 Little Stepper Hikes: Meadow Maze Hike
- Tues. May 12 Yoga in the Garden
- Wed. May 13 Tyler Tales: *Mama Built a Little Nest*
- Wed. May 13 Plein Air Painting Series
- Fri. May 15 Rhododendron Stroll*
- Sat. May 16 Spring Medicinal Plants – Talk & Walk
- Sun. May 17 Family Program: Aquatic Bug Hunt*
- Sun. May 17 Watershed Program Series: Chemical Testing
- Sun. May 17 Pruning Rhododendrons and Azaleas
- Mon. May 18 Teeny Tiny Trackers: Painting With Flowers
- Tues. May 19 Senses Series: Sound
- Tues. May 19 Garden Sprouts: Gear Up Your Green Thumb
- Tues. May 19 Yoga in the Garden
- Wed. May 20 Toddlers in Nature: Bob and Otto
- Thurs. May 21 Let's Go Play!: Investigate the Pond
- Thurs. May 21 Tiny Trackers: Buzzing Around the Arb
- Fri. May 22 Art in the Arb: Best Bee Builders
- Fri. May 22 Rhododendron Stroll*
- Sat. May 23 Family Program: Twilight Hike
- Tues. May 26 Picnics in Nature: Spring Berries
- Tues. May 26 Yoga in the Garden
- Wed. May 27 Tyler Tales: *Diary of a Worm*
- Fri. May 29 Rhododendron Stroll*
- Sat. May 30 Family Program: Twilight Hike
- Sat. and Sun. May 30 & 31 Surviving the Wild: The Shelter Challenge

* Programs that are Free for Members

Celebrate Arbor Day with Membership!

On Arbor Day, we want to connect you back to our roots – the trees!

Trees provide shade and cool, they filter and clean water, decrease soil erosion and help slow climate change. To celebrate your connection to the trees, buy or renew your membership on Arbor Day and receive

\$10 off. Offer valid online at

www.TylerArboretum.org/membership/ become-a-member using the promo

code TREES and in the Visitor Center, on Friday, April 24 only!



Program Registration

Pre-registration is required for all programs unless otherwise indicated. A full refund will be given if the Arboretum must cancel or reschedule a program due to inadequate enrollment, instructor illness or inclement weather. We will make every reasonable attempt to notify you by telephone if a program is canceled.

A \$3.00 administrative fee will be charged for any cancellation you initiate. A full refund, less the administrative fee, will be given with a minimum notice of two weeks. A 50% refund will be given with a minimum notice of one week. NO REFUNDS will be given with less than one week's notice.

There are four ways to register: (1) Mail: Tyler Arboretum, 515 Painter Road, Media, PA 19063-4424 (3) Fax: (610) 891-1490, Attn: Registrar
 (2) Phone: (610) 566-9134, ext. 215 (4) Email: jlandau@tylerarboretum.org

Name (adult/caregiver for children under 18) Member: Individual Household/Steward Non-member

Name of Child (for children's programs) Child's Date of Birth

Name of Child (for children's programs) Child's Date of Birth

Address City State Zip + 4

Day Telephone Evening Telephone Cell Phone

Email Address

Method of payment: VISA MasterCard Check (Please make checks payable to Tyler Arboretum)

Card Number Expiration Date V-code (3 digit code on reverse of card)

Cardholder's Signature

Registrant's Name	Program Title/Time or Session	Fee
Total		

MEET LEARN ENJOY HELP

LEND-A-HAND

Make an impact! Volunteer to enjoy fun opportunities, hone skills and show off your talents. Become part of the Tyler community. Contact Julia Lo Ehrhardt, volunteer coordinator, at jlo@tylerarboretum.org or (610) 566-9134 ext. 205. Fill out an application form found at www.TylerArboretum.org/volunteer.

VOLUNTEER OPPORTUNITIES

Historic Buildings Guide Training

Sunday, March 29, 1 – 3 pm

Do you find meaning in objects and would love to share this with people? Would you like to be on the team that helps visitors experience our robust Tyler Arboretum history? Come to our training session to learn how. Please contact Julia Lo Ehrhardt at jlo@tylerarboretum.org to let her know that you will be attending, or sign up at TylerArboretum.org/volunteer.

Volunteer Information Sessions (formerly Volunteer Open House)

Friday, March 13, 10:00 am – 12:00 pm

Saturday, May 16, 10:00 am – 12:00 pm

Whether you have a few hours per week or per month, you can be part of an exciting team at Tyler Arboretum. Join us at a Spring Volunteer Information Session to discover ways that we can make a connection. Meet supervisors and other volunteers. You will have an opportunity to tour areas where volunteers work, so dress for the weather. You must be 16 or older to sign up. If you are younger than 16, please come with an adult. Please contact Julia Lo Ehrhardt at jlo@tylerarboretum.org to let her know that you will be attending, or sign up at TylerArboretum.org/volunteer.

Handypersons – Assistance is needed with the performance of various building maintenance projects and one-time special projects. From painting benches, building birdhouses, crafting trellises to refinishing surfaces, this group is constantly called upon. This is also a great opportunity to work in a shop environment. Ability to operate power tools safely is a necessity. Open to craftsmen who would like to complete projects as their schedules allow.

When: year-round; mutually agreeable time

Horticulture Group – Join our dedicated and fun-loving Horticulture volunteer group in the care and upkeep of our landscape. You must be able to walk and stand for an extended amount of time outdoors (rain or shine). Lifting of 20 to 30 lbs is common. Some knowledge of gardening is helpful. Regular access to email is required.

When: year-round; Tuesdays & Wednesdays, 8:00 am – 12:00 pm

Natural Areas Restoration – Join

Dick Cloud's crew to help remove invasive plants from our meadows and woodlands so that our wildflowers and native plants can survive.

When: Sundays, March 8, April 12 and May 10, 9:30 am to 12:00 pm

Plant Collection Inventory – Help the Plant Records department with the ongoing inventory of Tyler plant collections. Tasks involve label maintenance on trees and shrubs and confirming plant locations on printed maps. There will be walking on paved paths, uneven ground, and in plant beds, as well as bending to access plant labels. Some knowledge of tree and shrub names is helpful, but an interest to learn is more important. Training provided; date TBD.

When: Thursdays, 9:00 am – 12:00 pm

Videographer – Capture live action for social media, website and other promotional needs. We need quality results through videoing and editing.

When: Times determined by event dates and/or by mutual arrangement.

Special Events Opportunities

Please contact Julia Lo Ehrhardt at jlo@tylerarboretum.org for the complete event volunteer jobs listing and to sign up. Be sure to sign up for the Volunteer Electronic Newsletter to stay on top of upcoming sign-ups (available at TylerArboretum.org/volunteer).

Eggstravaganza

Saturday, March 28, 9:30 am – 12:30 pm (event from 10 am – 12:00 pm)

Help children find their treasures and inspire others to create a work of egg art. Volunteers needed to assist in crafting and games. Must love working with children. Dress for the outdoors. Sign-up begins in early March.

Spring Trails Day

Saturday, March 28, 8:00 am – 12:00 pm

Your work makes a difference. Come help the Tyler Horticulture Team in the care and maintenance of 17 miles of hiking trails. Tasks will be invasive plant removal and path reconstruction. Dress for the outdoors and bring gardening gloves and a water bottle. Tools provided. Meet at the Maintenance Building. *Pre-registration encouraged. Volunteers must be 14 years of age or older with responsible adult.*

Plant Sale Help Needed

Friday, May 1 & Saturday May 2

Join this major fundraiser for Tyler Arboretum when we spend two days bringing together people who love plants and plants that need a home. You do not need to know plants; there will be plenty of opportunities for you. If you are a plant geek, we have jobs for you too! Two shifts available each day. Make sure you check the March Volunteer Electronic Newsletter for sign-ups.

GROWING WITH TYLER *SOWING SEEDS*

Thank You! You Helped Tyler Connect, Explore and Grow in 2014

Your membership and gifts to Tyler's Annual Fund helped us teach about nature and offer new events and programs for visitors and members. Your Annual Fund gifts exceeded \$159,000 and we thank you all! In 2014, your membership and gifts supported:

Connecting to Nature

- Over 7,560 children discovered animals, natural habitats and diverse ecosystems at Tyler during school field trips, summer day camps, eco-birthdays and Scouting events.
- Tyler's new mobile app offered a way for nature lovers and digital connection to co-exist. It provides interactive activities, tidbits on plants and Tyler history, navigation tips for pathways and trails and seasonal highlights for visitors.
- Citizen Science offered the chance to build the global scientific knowledge base through bird counts, measuring environmental changes, recording seasonal plant changes and monitoring watersheds at Tyler and in your own backyard.



Exploring Nature

- *Nightfall*, an acrobatic theatre performance, gave guests an exciting evening of magic and imagination as visitors hiked illuminated paths in our Native Woodland Walk.
- Festivals continued for one and all featuring Fairies and Wizards, our Totally Terrific Treehouses and Butterflies. We celebrated the seasons with the Pancake Breakfast and Maple

Sugaring Celebration, the Scenic Loop Ice Cream Social, Pumpkin Days and Woodland Winter Wonderland.

- Marking our 70th Anniversary in 2014, we offered contests for photos, videos and birthday cards.



Growing through Nature

- The new Tulip Tree House delighted children and adults alike with its sense of movement and offering a secret hideaway.
- Historic Painter Trees and Plants are now featured in a brochure with new interpretative signs throughout the collection.

Growing Support

- 587 volunteers gave over 12,300 hours in 2014. Equal to 6 full-time staff, this increases Tyler's staffing by 28%.
- The Tribute Campaign honoring Rick Colbert's leadership raised over \$255,000 to endow a new part-time horticulture staff position. This position will sustain care of the Native Woodland Walk and our core gardens for generations of visitors to come.

These are just a few examples of the power of giving to Tyler. Thank you for your many gifts!

Grants & Special Gifts

September 16, 2014 –
December 31, 2104

\$30,000 – The McLean Contributionship

The second of two gifts that total \$75,000, this gift supports Tyler's upcoming Edible Garden, an exhibit designed to change lives by changing our relationship with food and nature. With a vegetable demonstration garden, a home landscape garden and children's garden, we will teach visitors how to grow organic fruits and vegetables sustainably and to make healthier food choices. These funds will specifically fund part of Phase 1, focusing on site preparation and grading, stormwater management and utilities.

\$13,400 – Stanley Smith Horticultural Trust

This gift will help develop an exhibit to reflect the plans and look of the historic landscape created by the Painter brothers at Tyler Arboretum. Our goal is to preserve the health of these trees and plants and reengage and educate our visitors on the history of the family that lived on this land and the field of horticulture in the nineteenth century.



Many Thanks to our Generous Friends, Sponsors & Donors

September 16, 2014 – December 31, 2014

\$30,000-\$50,000

The Lucille & Jerry
Francesco Charitable Trust
The McLean
Contributionship

\$10,000-\$25,000

Anonymous
Stanley Smith
Horticultural Trust
Judy & Bill Strine
Dick & Jean Wood

\$5,000-\$7,500

Anonymous
Vince & Bonnie Anderson
Alan Slack
Drew & Paula Schmidt

\$2,500-\$4,999

Lawrence Saunders
Fund Pennsylvania Trust,
Co-Trustee
Speare Foundation
Suzanne & Adam Ciongoli

\$1,500-\$2,499

Don & Lois Helwig

Joe & Anita Pew
PNC Advisors
Bill Taylor
Debi & Jeff Thomas
Wawa, Inc.

\$1,000-\$1,499

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Chalmers &
Sandra Cornelius
Carol Dickerson
Walter & Jayne Garrison
Darcy & Jeff Gibb
Gary Koretzky &
Kim Overby
Jonathan & Robin Moll
Ed & Elisabeth Shawl

\$500-\$999

Anthony Aiello
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Richard Scheff &
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James Stambaugh &
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Robin & Jonathan Moll
Juliann & Theresa Pinto
Alan & Janet Vaskas
Helene Weathers
John Wenderoth &
Annette Hearing
Keren White & Jared Reed

Welcome to Our New & Renewing Members

September 16, 2014 – December 31, 2014

Circle of Friends are members who contribute at a higher level (\$300+), providing essential support to the sustainability and conservation of Tyler's 650 acres of open space, diverse ecosystems and historic collections.

The *Steward* level offers a chance for nature and art lovers to show their support for the Arboretum and contribute to the preservation of its legacy. Contributors at Steward level (\$150+) receive privileges through both the North American Reciprocal Museum (NARM) program, and the Reciprocal Organization of Associated Museums (ROAM) program, gaining access to hundreds of museums around the country.

CIRCLE OF FRIENDS

Vince & Bonnie Anderson
Chris & Celia Lang
John & Mary McCoy
James McGrath & Daria Babushok
Guy Messick & Lucy
Wright Messick
Robin & Jonathan Moll
Laura Raab
Bill Taylor

STEWARDS

John & Marilyn Berberich
Jack & Jane Blandy
Carol Dickerson
Jonathan & Virginia Emerson
Terri Erbacher
Jonathan Evans & Melissa Graf-Evans
Randy & Stephanie Gaboriault
Donald & Carol Guthrie
Greg & Melissa Haebel
Maryann & Joseph Hooker

Bob & Karen Hoover
David & Ruth Kane
Bill & Linda Lorenz
Karl & Mary Ellen Malessa
Nathan & Melissa Mangan
Caleb & Hoa-Khanh
Kathy Maskell
Virginia Merkel
James & Catherine Mitchell
John & Carole Molyneux
Richard Murray &
Mary O'Gorman

Lorna & Lathrop Nelson
Jim & Margaret Anne Nolen
Alan Palmer & Linda Mahan
Daniel & Donna Parmet
Forousan & Jarad Siah
Joseph Smith
Fay Snyder
Ann & Marc Sonnenfeld
Julie Tseng & Ben Chong
Marguerite & Quentin Veil

To join at these levels or to upgrade your current membership, please call or email Kathryn Ombam, Development Associate at 610-566-9134 ext. 209 or kombam@tylerarboretum.org Thank you!



Beautiful Toughies

By Julia Lo Ehrhardt, Volunteer Coordinator

Do you feel like you drew the short straw when it comes to the home garden? You may have a postage size garden full of backfill, or perhaps the garden is in a low spot where rain water gathers. Maybe your garden is under large trees. These are tough sites, and luckily we know beautiful “toughies” that will thrive in tough situations.

If conditions are dry, moist, clay, sunny or have some shade, bluestar (*Amsonia sp.*),



is the perennial for you. Growing up to three feet tall by May, this native perennial will wow any garden visitor with

clusters of steely blue flowers. The foliage is fine in texture – lush green in spring and summer, and rich gold in autumn. Use in mixed borders or even alongside the garage and the driveway. Once established, bluestar is drought tolerant and will also provide food for early pollinators. Cut to the ground once the plant has turned buff color (usually in November).

If you have a spot in full sun and the soil is clay, try wild indigo (*Baptisia sp.*). This robust perennial takes a year or two to get

established, but once it does it will reward you with beautiful trusses of blue flowers in



spring. There are cultivars that have purple, yellow and even dark orange blooms. Give this plant plenty of space for it will not

play well with timid garden plants. Cut to the ground in November. Wild indigo does not like to be moved, but it does attract pollinators.

If you have shade but don’t want to plant another hosta, try the deer-resistant hairy alumroot (*Heuchera villosa*). From chartreuse to caramel, this perennial plant provides



plenty of color and texture. Hairy alumroot loves our humid summers and thrives in shade. No need to clip back in

winter—just remove the outer ring of dead leaves during the spring growth period. It grows well in containers too!

Have an area that may occasionally get wet and a screen is needed to maintain a healthy relationship with the neighbors?

Virginia sweetspire (*Itea virginica*) is your choice. Watch pollinators dance around this plant as dangling white flowers emerge in June on top of this shrub. Virginia sweetspire will thrive in full sun to some shade.



Once established, it will create a thicket and all it needs is to be thinned every few years. In the winter, enjoy the light screening that this plant produces.

Before you race out and buy plants, inventory your garden and know what is currently thriving. This will assist you in making choices that will work better for your situation.

Come to our Plant Sale, May 1 and 2, which will highlight Tough Plants for Tough Areas.

Talk to our plant experts who can give you individual attention. Let us help you turn a tough situation into a garden oasis!



TYLER ARBORETUM MISSION: To preserve, develop and share our diverse horticultural, historic and natural site resources in order to stimulate stewardship and understanding of our living world.

Hours

March – October
Mon – Fri 9:00 am – 5:00 pm
Sat & Sun 9:00 am – 6:00 pm

November – February*
Mon – Fri 9:00 am – 4:00 pm
Sat & Sun 9:00 am – 5:00 pm

*Closed on Thanksgiving, Christmas Eve & Day

Information: 610-566-9134 • www.TylerArboretum.org • info@tylerarboretum.org

Admission

Adults \$11
Seniors (65 and up) \$9
Youths (Ages 3-15) \$7
Children under Age 3 Free