

Tyler Topics

Autumn
2017

NEWS, PROGRAMS, AND EVENTS OF TYLER ARBORETUM



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Executive Director's Message

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I associate fall with a spectrum of rich aromas, including the earthy fragrance of mushrooms erupting from the ground under trees or from the rich organic litter of the forest floor. What we see are the fruiting bodies of extensive fungal networks of mycelium that spread through the soil. While I love all edible varieties of mushrooms and am amazed by the often bizarre and fanciful outcroppings of the endlessly diverse fungal world, their role as stewards of our woodland communities is essential to the survival of our trees.

Ecologist Suzanne Simard has shown how trees use a network of latticed mycorrhizal fungi (fungi that form symbiotic relationships with roots) to 'talk to each other' – to communicate their needs and aid neighboring plants. She pioneered research that demonstrates how trees use these fungal filigrees to send warning signals about environmental change, search for kin, and transfer their nutrients to neighboring trees before they die.⁽¹⁾

Through these fungal networks trees form a cooperative society that sustains the health of the community via an elaborate system of communication. This network connects one tree's root system to another,

so that nutrients, carbon, and water can be exchanged between trees.

I find this notion of interdependent woodland communities an apt metaphor for our community here at Tyler. It is through our shared ambition to support Tyler's diverse landscapes, ecosystems, and plant communities that we nurture its health, sustainability, and growth. The symbiotic relationship with our members, donors, volunteers, trustees, staff, school children, campers, scouts, and visitors provides the Arboretum with the nourishment of your time, your commitment, your joy of discovery, and your financial support. Together, we can weather change with resilience, and grow; together we can leverage our 'network of latticed passion' to inspire future generations to champion our trees and the natural world. I am awed by what we can accomplish together. Thank you.

⁽¹⁾ [Exploring How and Why Trees 'Talk' to Each Other](#), an interview with Suzanne Simard by Diane Toomey for Yale Environment 360, September 2016

**Suzanne Simard, PhD, RPF, is Professor of Forest Ecology, Department of Forest and Conservation Sciences, Faculty of Forestry, at the University of British Columbia, Canada.*

Cover image: An October detail of Rocky Run, by David Burke.



Cotton Candy Anyone?

The sweet, sugary scent of cotton candy tickles your nose, then disappears. In another breath, it is back again. Cotton candy is not a scent usually associated with the fall. But it's only in autumn when *Cercidiphyllum japonicum*—native to China and Japan and more commonly known as the Katsura tree—emits this yummy fragrance. In German, the Katsura tree is called 'kuchenbaum' or 'cake tree'. As the nights cool and Katsura leaves fade to yellow and apricot before falling to the ground, they release a chemical compound



Katsura leaves turn gold, red, and purple throughout the weeks of autumn.

called maltol (malt sugar). Enjoy this olfactory treat in our grove, located at the corner of the goat pen opposite the Rhododendron Garden.

The 19th Century Culinary Hub at Tyler Arboretum

By Kathryn Ombam

Just 20 paces below the back porch at Lachford Hall, visitors can catch a glimpse of history at an important 19th century intersection of domestic activity, with the Fruit Vault and Spring House steps that led to the kitchen building. While it's well known that the Minshall/Painter/Tyler families ran a successful farm and dairy, they would have of course needed to focus some of the attention of the farm onto feeding their own family.

Much of what we can still see today of this intersection tells the story of the farm that once was. Recently, we compiled a list of the fruits and vegetables that the Painter Family would have grown, the list is substantial and includes: apples, peaches, cherries, and grains – including wheat, and oats, cabbage and root vegetables (beets, parsnips, potatoes), corn, and hay, clover/alfalfa – which were used primarily for animal feed. It's easy to imagine standing in the kitchen about to prepare a meal and in a hop, skip, and a jump, you could be down to the Spring House for butter, and to the Fruit Vault for potatoes, onions, and turnips for your salad or your stew.

With so many domestic springhouses dotted amidst the landscape of Delaware County, many know that these historic structures served to preserve and refrigerate dairy products where cold water emerged from the ground.

The Painters had an active dairy, so they would have kept many products for both personal use and sale in that Spring House. Eggs, milk, and butter would have all been stored on the lower level that sits closest to the spring, which would have cooled them to prevent spoilage. As it does to this day, that portion of the stream often runs dry in the summer months, so the Painters would have moved their storage in those dry spells down to the White Cottage Spring House.

Next to the Spring House is another culinary spot of note: the sugar maple. While the Sugar Maple was taken down several years ago, the stump tells the story of a massive tree that would have provided up to a gallon of maple syrup for the family.



The Fruit Vault was built into the bank below Lachford Hall between August and November of 1858. It was used for long term storage of fruits and vegetables.



Built in 1798, the Spring House still provides a cool haven for our summer camp groups.

TYLER AT TWILIGHT SECRET GARDEN



Thursday June 15, we celebrated our 15th Twilight garden party with a lively evening of fun, great food, and good company. Tyler at Twilight was started 15 years ago by former trustees and long-time Tyler members Patty Colburn and Judy Strine. They envisioned Twilight as a way to bring together our community of friends, families, and colleagues in the Delaware Valley to support and sustain our gorgeous and valuable 650 acres, and to build our outstanding environmental education programs. This year, we were thrilled to see many old friends and new faces. You helped us surpass last year's success, with over \$104,000 in net proceeds from the auction, and \$23,140 in generous donations for the Edible Garden, Tyler's next important project. WOW! No event is more important to Tyler's fiscal well-being than our annual Twilight Auction.

As co-chairs of Twilight 2017, we are grateful to the many who helped us

achieve this tremendous result: to the many restaurants who donated delectable eats; to Sue Serio of Fox 29 as Mistress of Ceremonies, and Rob Borgstrom, who led our lively auction and Fund-a-Dream appeal for the Edible Garden; to Greg Leavitt, a well-known artist whose wrought iron gates and door enhanced our Secret Garden theme; to Night Orbs, by Tom Rupnicki, whose glowing art glass spheres provided magical illumination – and to the many who donated fun, useful, meaningful items to our silent and live auctions.

To each of you, to our sponsors, and to our volunteers, our Tyler family, you keep Tyler strong and growing. Thank you. And see you next year!

Linda Ciavarelli, Co-Chair

Katy Thorbahn, Co-Chair

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Township of Middletown

Twilight Restaurant Showcase

Buttercups by Lynda
Frankie's on Fairview
Restaurant & Catering
Harvest Seasonal Grill
Iron Hill Brewery and Restaurant
Jeffery A. Miller Catering Company
Jimmy's BBQ
Justine's Cuisines
Lotus Farm to Table
Margaret Kuo's Restaurants
Pinocchio's Restaurant &
Beer Garden To Go
Trader Joe's in Media

Special Events

Blues and Brews Beer Tasting

Thursday, September 28, 6 – 8pm

Join us in the Barn Loft for a lively evening of specialty beers, and hors d'oeuvres from **Iron Hill Brewery** and **Pinocchio's Beer Garden to Go**. Ridley Creek will fill the loft with bluesy tunes, so grab a friend and come on over!

Suitable for adults 21 and older; limited capacity; first come, first served; \$30 members, \$45 non-members; rain or shine

Pumpkin Days Celebration

Saturday and Sunday, October 14 and 15, 10am – 5pm

Celebrate fall with two days of family fun! Assemble your own scarecrow and take a hayride through Tyler's fall colors. With crafts, games, face painting, a moon bounce, an inflatable obstacle course, family photo ops galore, and of course, PUMPKINS, there's something for everyone. Buy lunch at Tyler and spend the day.

Pumpkin Days is proudly sponsored by Wawa, Inc.

No pre-registration required. FREE admission for members, compliments of Wawa. Non-member admission is \$15 for adults, \$13 for seniors, and \$9 for youth, students and active military with ID. Children 2 and under are free. Free parking at Penn State Brandywine with shuttle service. For reserved parking at Tyler, pre-paid parking passes are available for \$10. Check Tyler website for details.



Hayrides

Saturdays, October 21 and 28, 1:00, 1:45 and 2:30pm

Enjoy the magic of fall at Tyler with a hayride! Each 30-minute hayride takes you through our spectacular meadows to view the splendor of the season. Your autumn chariot awaits!

Pre-registration suggested – space is limited; \$4 per person.

Children ages 2 and under: FREE



Members-Only Event

Tyler After Dark Adventures

Fridays, September 15, 22 and 29, 7 – 9pm

Enjoy a special evening at Tyler Arboretum with your family. Join Tyler Educators to explore the woods and meadows to listen for owls and search for bats and other nocturnal creatures. Enjoy roasting marshmallows over a campfire for s'mores and making your own ice cream.

Be sure to wear closed-toed shoes. Insect repellent is advised. Suitable for ages 3 and up.

Pre-registration required; \$3 per person.

Space is limited – register soon!



Adult Programs

Tyler Travels

Birding Trip: Cape May

Tuesday and Wednesday, September 12 and 13, departing at 7am and returning by 6pm

Join birder **Sue Lucas** on an excursion to Cape May, NJ. You'll explore the shorelines, marshes and other habitats to observe the many birds that stop by this wonderful spot on the way to their winter destinations. *This two-day trip includes transportation, lodging, breakfast and lunch on Wednesday and a boat ride. Tuesday dinner is Dutch-treat. Bring field guides, binoculars and a brown bag lunch for Tuesday.*

\$240 double or \$265 single for members, \$275 double or \$300 single for non-members

Garden Trip: Ladew Topiary Gardens

Tuesday, October 3, 8:30am – 4:30pm

Join Executive Director, **Cricket Brien**, for a day-trip to Maryland to explore Ladew Topiary Gardens. Enjoy a one-hour guided garden tour of this exquisite garden estate. The grounds contain over 100 topiaries, as well as 15 garden rooms, each devoted to a single color, plant or theme, arranged around two cross axes with vistas. After lunch, get immersed in history and architecture on a house tour featuring the Oval Library and antique English furniture. There will be time on your own to wander the gardens or visit the Nature Walk which weaves through field, forest and wetland. *This trip includes transportation, lunch, tour fees and refreshments on the ride home.*

\$125 members, \$150 non-members

Birding Trip: Bombay Hook

Tuesday, October 17, 7am – 5pm

Enjoy a great day of birding at Bombay Hook National Wildlife Refuge with **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, winding rivers, and creeks. Diverse habitats attract bald eagles, breeding ducks, shorebirds, and fall migrants. *This trip includes transportation, beverages and snacks. Bring a lunch, field guides and binoculars.*

\$60 members, \$75 non-members



Botanical Arts

Fall Photo Walk

Sunday, October 22, 3 – 5:30pm

Colors abound at Tyler in the autumn, as the woodlands and meadows trade their verdant tones for the rich and vibrant palettes of fall. Join photographer **Chris Lawler** for a leisurely stroll timed right when the natural light brings out the best in our scenic landscapes. Learn tips and techniques for capturing stunning images. *Open to all levels of photographers; camera phones are welcome.*

\$15 members, \$20 non-members

Fabric Printing Workshop

Saturday, November 4, 10am – 1pm

Impress your friends and family with beautiful hand-printed textiles. Artist **Kelly Nicholson** will teach you a variety of fun and easy techniques such as stamping with leaves and pre-made stamps, as well as basic wood and linoleum block printing. Create designs that are simple and geometric or flowery and complex - whatever fits your style! Time to test out your technique and pattern will be included using fabric scraps. *Light refreshments provided. Fee includes four napkins and two tea towels. Additional fabric available for purchase at workshop.*

\$50 members, \$60 non-members

Thanksgiving Floral Arrangement

Saturday, November 18, 10am – noon

Create a one-of-a-kind Thanksgiving centerpiece to grace your dinner feast and delight your guests. Floral designer **Leona Swiacki** will provide guidance and instruction to help you create an elegant long and low centerpiece with natural elements such as branches, leaves and berries. *Bring floral shears and an apron if you'd like.*

\$40 members, \$50 non-members

Adult Programs

Nature Studies

Beyond the Fence Hikes

NEW!

Dates and times set by Mother Nature

Join ecologist and naturalist **Steve Tessler** for fun and informative nature hikes out on Tyler's trails. Hunt for fungi, insects, spiders, moss and other creatures of the season. Feeling spontaneous? If you'd like to receive notice of Beyond the Fence hikes, please contact Amy Mawby at 610-566-9134 ext. 301 or amawby@tylerarboretum.org. *Suitable for teens*



and adults. Dress for the weather and wear shoes suitable for uneven terrain or wet trails. FREE with admission

Full Moon Night Hike

Saturday, October 7, 6:30 – 8:30pm

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

\$15 members, \$20 non-members

Exploring Henry David Thoreau's Relevance for Us Today

Saturday, October 21, 10:30am – noon

American author Henry David Thoreau (1817-1862) is best known for spending one night in jail for nonpayment of the state poll tax, and for living for two years along the shores of Walden Pond in Concord, MA. Now, 200 years after his birth, Thoreau's essays and books are still being read, and his words are often used as inspirational quotes. What are his basic philosophies, and how do they resound with us today? Join author **Corinne H. Smith** to learn a bit more about this "Transcendentalist" and discuss what threads connect us to him – including what he saw during his 1854 trip to Philadelphia. After the lecture, take a walk down to Thoreau's Cabin and experience nature for ourselves. Corinne H. Smith is the author of *Westward I Go Free: Tracing Thoreau's Last Journey*.

\$25 members, \$30 non-members

Nature Walks and Tours

FREE for members; FREE with admission; No pre-registration required

Bird Walks

Every Wednesday, 8:15 – 10:15am

Join Tyler's experienced birders in the search for fall migrants heading south through the Arboretum. Birders of all levels are welcomed.

Weekday Wildflower Walks

Every Wednesday, 11:15am – 1:15pm

Wildflowers are an essential and beautiful part of woodland and meadow ecologies. Head out to the trails with wildflower experts **Richard Brenner** and **Dick Cloud** and experience fall at Tyler.

Tree Tales

Fridays and Saturdays, September 8 – November 18, 11am and 1pm

Enjoy a one-hour guided tour of Tyler's tree-mendous trees! Learn about our historic Painter Trees and flowering tree collections, with fun facts and stories to share. Fall foliage will be highlighted throughout the season. *No tours Saturday, October 14 on Pumpkin Days.*

Saturday Wildflower Walks

Saturdays, September 16, October 21 and November 18, 1:30 – 3:30pm

Fall is a wonderful time for wildflowers! Join **Dick Cloud** for a pleasant afternoon search for late season bloomers in Tyler's meadows and woodlands.

Fall Tree Identification Walk

Sunday, October 29, 1:30 – 3pm

Join **John Wenderoth** to learn how to recognize trees based on fall characteristics. Explore identification tools like color change, leaf texture and canopy shape.



Adult Programs

Health and Wellness

Yoga at the Arboretum

Tuesdays, September 12 – October 24, 6 – 7pm

Experience the joy of practicing yoga in a magnificent setting! Classical yoga instructor **Beth Mulholland** will provide participants with an opportunity to seek inner serenity while emphasizing smooth, flowing postures and the benefits of focused breathing. *Intended for beginner and intermediate level students. Classes take place outdoors and move indoors if weather necessitates. Please dress appropriately and bring a mat.*

Series discount: \$94 members, \$114 non-members

Individual class: \$15 members, \$18 non-members

Mindful Meanders

Saturdays, September 23, October 7 and November 4, 10 – 11:30am

Spending time in nature can heal, soothe, restore and connect. Join nature-based coach **Florence Moyer** to deepen your connection to the natural world and your own inner nature. Each meander will include an easy walk and time to sit and reflect, with the support to help you observe the beauty of Tyler in a deeper way.

Series discount: \$40 members, \$55 non-members

Individual class: \$15 members, \$20 non-members

Medicinal Meanderings: Fall and Winter Remedies

Saturday, November 11, 11am – 12:30pm

Join **Katelyn Melvin** of Tooth of the Lion Apothecary for a late fall medicinal and edible plant walk through Tyler's

landscape. Focusing on fall and winter remedies, we will explore each plant's medicinal qualities, historical importance and contemporary usage. Learn identification, practical wildcrafting techniques and ethics, as well as uses applicable to your home kitchen. *Walks will be easy but please wear appropriate footwear.*

\$15 members, \$20 non-members



Youth & Family Programs

Toddlers in Nature

Ages 18 mths - 3 years

Wednesdays, 10 – 11am

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, exploration and time in nature.

*\$10 members, \$15 non-members
(Fee is for the child only)*

Busy Little Squirrels

September 20

Squirrels spend the fall getting ready for winter. Discover what they're up to and try to observe them at work around Tyler.

Fall Leaves Fall

October 4

Know why autumn is called fall? Find out as we stomp, crunch, kick, jump, and dance through the leaves. Collect leaves to compare and make some lovely rubbings.

Spectacular Spiders

October 18

Don't be afraid...join us to learn about these incredible creepy crawlers and their amazing webs.

Going Batty

November 1

Come spend a morning (and a night) with a baby bat, as we learn about this mysterious and marvelous flying mammal.

Gobble Gobble

November 15

In November everyone is thinking about turkeys, but what do they do the rest of the year? Discover how wild turkeys spend their days and play some turkey-inspired games.

Clever Crows

November 29

Find out why some scientists think crows are the smartest birds in the world, then see if we can spot some flying around Tyler.

Little Chefs

All Ages

Wednesdays, 10 – 11:30am

Kids are more likely to try new foods when they help prepare them. The Arboretum will serve as both outdoor kitchen and culinary inspiration for our youngest gourmands. We'll work together to prepare delicious snacks made with healthy, natural ingredients. Thematic content and cooking tasks will be best suited to kids ages 3-6, but all ages are welcome. Please inquire when registering if you have allergy concerns.

*\$15 members, \$20 non-members
(Fee is for the child only)*

Crunchy Carrots

September 13

Carrots are a versatile and kid-pleasing veggie that pack a nutritious punch. Try them both sweet and savory.

Appetizing Apples

September 27

Learn how apples grow and make a delicious treat.

Youth & Family Programs

Pumpkins

October 11

This amazing fall food isn't just for pie. Come try a new pumpkin recipe!

Eerie Eats

October 25

BOO! Get spooky and create healthy Halloween-themed snacks.

Crazy for Cranberries

November 8

From the cranberry bog to the Thanksgiving table, find out about this classic American fruit and prepare a yummy treat.

Native American Thanksgiving

November 22

Learn what foods were really served at the first Thanksgiving and try making some traditional Native American recipes.

Garden Sprouts

Ages 4 – 6

Tuesdays, 1 – 2:30pm

Garden Sprouts programs introduce children and their favorite adult to the world of plants and gardening. Each program includes an interactive lesson and outdoor exploration!

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

Veggie Designs

September 12

Learn the names of some colorful summer vegetables then paint your own vegetable design patterns to take home. We'll explore outdoors to search for September seeds and berries.

Our Amazing Meadow

September 26

What is a meadow? Explore Tyler's Meadow Maze to discover what plants and animals live there. We'll create a craft from meadow plants to remind you of your a-maze-ing time.

Fall for Leaves

October 10

What makes fall special? Learn all about leaves and how they produce food for trees. Look for signs of autumn and stir up a leaf storm. We'll make leaf and bark art rubbings.

Pumpkin Patch

October 24

Discover how little seeds turn into great big pumpkins. "Fall" into fun as we discover the different shapes and sizes of pumpkins. We'll read a pumpkin story, decorate pumpkins, and eat a pumpkin snack.

Apple Time

November 7

So many different kinds of apples! Do you have a favorite kind? We'll sample a variety of apples, read a story about apple picking, and enjoy some cider.

Thanksgiving Cranberries

November 21

These delicious red berries grow in water, are native to North America, and are harvested in the fall. Find out how the Pilgrims first learned about cranberries and make your own sweet treat!

Tiny Trackers

Ages 4 – 6

Thursdays, 1 – 2:30pm

Tiny Trackers programs introduce children and their favorite adult to the marvels of nature. Each program includes a lesson, nature exploration, and a craft to take home.

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

Mighty Monarchs

September 21

Butterflies do cool things to survive the cold. Discover what monarchs do that's extra impressive.

Traveling Seeds

October 5

Have you ever had a seed stick to your socks? You were helping it move to a new home. Learn how seeds travel while going on a seed search.

Fall Colors and Shapes

October 19

Search for the many colors, different shapes and sizes of autumn.

Scales, Claws and Paws

November 2

How is a squirrel like a deer? How is a turtle different from a bird? Investigate what makes an animal who they are.

Gifts from Trees

November 16

Every day, all day we use gifts from trees often without even thinking about it! In the season of Thanksgiving, we'll recognize many reasons we should be thankful for these majestic creatures.

Hurry Up, It's Getting Cold

November 30

What are the animals doing in the fall? They are getting ready for winter. Learn why certain animals stay around and where others go.



Youth & Family Programs

School Day-Off Camps

**NEW
TIMES!**

Camps run from 8:30am – 5pm

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 that are so engaging the kids won't even know they're learning. Please pack a lunch and snacks.

\$70 members, \$85 non-members

Ages 6 – 9

Weather Wonders

September 21

Do science experiments and learn more about the atmosphere and weather.

As the Wind Blows

November 21

Discover the importance of wind and create a wind powered boat to race.

Fizzy Fun

November 22

Conduct science experiments that explode and fizz!

Ages 10 – 13

STEM Challenge

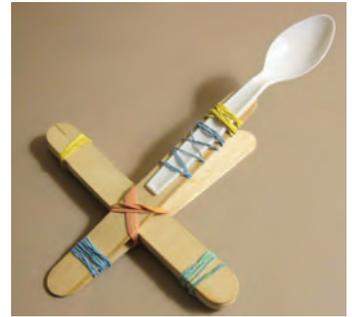
November 21

How far can you fling a marshmallow? Design and build a contraption and see whose goes the furthest!

Outdoor Adventure

November 22

Learn outdoor skills as you go on a hike, build a fire and build a shelter in the woods.



NEW!

Afterschool Adventures Club

Grades 1 & 2

Wednesdays, 4 – 5pm

Connect with friends and nature after school! This series is designed to let kids be kids after a long day in the classroom. Children will explore the natural world around them, play outside, and discover the many critters that make nature so interesting. This program is for children in grades 1 & 2.

Series Discount: \$50 members, \$80 non-members

Individual classes: \$10 members, \$15 non-members

Stream Exploration

September 27

Head to the stream to search for macroinvertebrates and discover why these little creatures are so important.

Science Explosions

October 4

Do science experiments that fizz, bang and pop!

Art of Nature

October 11

Let nature inspire your crafting adventure and make a piece of art to take home.

Things with Wings

October 18

Go on a scavenger hunt to investigate the animals and insects that fly and buzz around the Arboretum.

STEM Challenge

October 25

Learn about science and design in this innovative activity meant to awaken your inner scientist.

Owl Pellet Dissection

November 1

Dissect an owl pellet and discover a little bit about the lifestyle of an owl.



Youth & Family Programs

NEW!

Homeschool Days

All Ages

3rd Tuesday of each month, 10 – 11:30am

Visit the Arboretum for hands-on learning in an outdoor setting. Connect with other homeschool families in this program exclusively for you. Admission to the Arboretum is included; stay for just the program or for the entire day! Each program is aligned to PA state educational standards. This program is best suited for ages 5-12, but is open to all ages.

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

Seeds & Plants

September 19

Learn how plants have adapted to different environments, discover plant life cycles and reproductive strategies through flower dissection and explore Tyler's diverse trees and plants.

Soil Investigators

October 17

Get your hands dirty and discover the texture of soil, dig in a compost bin, investigate forest soil layers, turn logs to see decomposition at work among other fun activities.

Nature's Adaptations

November 21

Learn how some animals have adapted to survive in the wild. Compare artifacts from different species and have fun comparing your abilities to those of our native animal friends.

Family Programs

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

Bird Bonanza Scavenger Hunt

FREE FOR MEMBERS!

Saturday, September 16, 10 – 11:30am

Roam the Arboretum searching for signs of our feathered friends on this woodland scavenger hunt. Learn which birds fly south for the winter, how to tell them apart, and why they are migrating. Set out to find different species of birds, their habitats, and their food. Learn the proper way to use binoculars and how to identify birds by sight and sound. Bring bird guides and binoculars if you have them, or borrow ours! Suitable for ages 7 and up. FREE for members, \$12 non-members

Build a Bat House

Saturday, September 30, 10am – noon

Build your very own Rocket Bat House! Sponsored by Beatty Lumber, we'll supply all the materials and tools needed to build this backyard bat habitat. Learn about why bats are so important and take home your creation. Suitable for ages 7 and up. Price is per bat house, not per person. \$30 members, \$45 non-members

High-Tech Pumpkin Hunt

Saturday, October 28, 10am – noon

Clues are hidden all over the Arboretum and you'll need to use a GPS to find them. Crack a secret code and decipher riddles to unlock hints that will help you discover the secret location of your pumpkin. Borrow one of our GPS's or bring your own. Suitable for ages 4 and up. \$15 members, \$20 non-members

Dinosaur Explorations

Saturday, November 18, 10 – 11:30am

Learn about dinosaurs from real paleontologists! Dig up fossils, make scientific observations and learn how scientists determine a fossil timeline. Be sure to bring a snack to compare your eating habits to those of our prehistoric friends. Suitable for ages 6 and up. \$12 members, \$17 non-members



All programs require pre-registration unless otherwise noted. Register online via our Calendar page: www.tylerarboretum.org/calendar

These walks are
ALWAYS FREE
FOR MEMBERS!

Tree Tales Guided Tours* Fri. & Sat., Sept. 8 – Nov. 18, 11am & 1pm (no Oct. 14)

Fall Bird Walks* Every Wednesday, 8:15 – 10:15am

Weekday Wildflower Walks* Every Wednesday, 11:15am – 1:15pm

Saturday Wildflower Walks* Sept. 16, Oct. 21 and Nov. 18, 1:30 – 3:30pm

Programs marked with asterisk* are FREE for Tyler Members

September

- Tues. and Wed. Sept. 12 and 13 Birding Trip: Cape May
- Tues. Sept. 12 Garden Sprouts: Veggie Designs
- Tues. Sept. 12 Yoga at the Arboretum
- Wed. Sept. 13 Little Chefs: Crunchy Carrots
- Fri. Sept. 15 **Members Only: Tyler After Dark Adventures**
- Sat. Sept. 16 Bird Bonanza Scavenger Hunt*
- Sat. Sept. 16 Wildflower Walk*
- Tues. Sept. 19 Homeschool Days: Seeds & Plants
- Tues. Sept. 19 Yoga at the Arboretum
- Wed. Sept. 20 Toddlers in Nature: *Busy Little Squirrels*
- Thurs. Sept. 21 School Day-Off Camp: Weather Wonders
- Thurs. Sept. 21 Tiny Trackers: Mighty Monarchs
- Fri. Sept. 22 **Members Only: Tyler After Dark Adventures**
- Sat. Sept. 23 Mindful Meanders
- Tues. Sept. 26 Garden Sprouts: Our Amazing Meadow
- Tues. Sept. 26 Yoga at the Arboretum
- Wed. Sept. 27 Little Chefs: Appetizing Apples
- Wed. Sept. 27 Afterschool Adventures Club: Stream Exploration
- Thurs. Sept. 28 **Blues and Brews Beer Tasting**
- Fri. Sept. 29 **Members Only: Tyler After Dark Adventures**
- Sat. Sept. 30 Build a Bat House

October

- Tues. Oct. 3 Garden Trip: Ladew Topiary Gardens
- Tues. Oct. 3 Yoga at the Arboretum
- Wed. Oct. 4 Toddlers in Nature: *Fall Leaves Fall*
- Wed. Oct. 4 Afterschool Adventures Club: Science Explosions
- Thurs. Oct. 5 Tiny Trackers: Traveling Seeds
- Sat. Oct. 7 Mindful Meanders
- Sat. Oct. 7 Full Moon Night Hike
- Tues. Oct. 10 Garden Sprouts: Fall for Leaves
- Tues. Oct. 10 Yoga at the Arboretum
- Wed. Oct. 11 Little Chefs: Pumpkins
- Wed. Oct. 11 Afterschool Adventures Club: Art of Nature
- Sat. Oct. 14 **Pumpkin Days**
- Sun. Oct. 15 **Pumpkin Days**
- Tues. Oct. 17 Birding Trip: Bombay Hook
- Tues. Oct. 17 Homeschool Days: Soil Investigators
- Tues. Oct. 17 Yoga at the Arboretum
- Wed. Oct. 18 Toddlers in Nature: *Spectacular Spiders*
- Wed. Oct. 18 Afterschool Adventures Club: Things with Wings
- Thurs. Oct. 19 Tiny Trackers: Fall Colors and Shapes
- Sat. Oct. 21 Exploring Henry David Thoreau's Relevance for Us Today
- Sat. Oct. 21 **Hayrides**
- Sat. Oct. 21 Wildflower Walk*
- Sun. Oct. 22 Fall Photo Walk
- Tues. Oct. 24 Garden Sprouts: Pumpkin Patch
- Tues. Oct. 24 Yoga at the Arboretum
- Wed. Oct. 25 Little Chefs: Eerie Eats
- Wed. Oct. 25 Afterschool Adventures Club: STEM Challenge
- Sat. Oct. 28 High-Tech Pumpkin Hunt
- Sat. Oct. 28 **Hayrides**
- Sun. Oct. 29 Fall Tree Identification Walk*

November

- Wed. Nov. 1 Toddlers in Nature: *Going Batty*
- Wed. Nov. 1 Afterschool Adventures Club: Owl Pellet Dissection
- Thurs. Nov. 2 Tiny Trackers: Scales, Claws and Paws
- Sat. Nov. 4 Mindful Meanders
- Sat. Nov. 4 Fabric Printing Workshop
- Tues. Nov. 7 Garden Sprouts: Apple Time
- Wed. Nov. 8 Little Chefs: Crazy for Cranberries
- Sat. Nov. 11 Medicinal Meanderings: Fall and Winter Remedies
- Sat. Nov. 18 Wildflower Walk*
- Wed. Nov. 15 Toddlers in Nature: *Gobble Gobble*
- Thurs. Nov. 16 Tiny Trackers: Gifts from Trees
- Sat. Nov. 18 Thanksgiving Floral Arrangement
- Sat. Nov. 18 Dinosaur Explorations
- Tues. Nov. 21 School Day-Off Camp: As the Wind Blows
- Tues. Nov. 21 School Day-Off Camp: STEM Challenge
- Tues. Nov. 21 Homeschool Days: Nature's Adaptations
- Tues. Nov. 21 Garden Sprouts: Thanksgiving Cranberries
- Wed. Nov. 22 School Day-Off Camp: Fizzy Fun
- Wed. Nov. 22 School Day-Off Camp: Outdoor Adventure
- Wed. Nov. 22 Little Chefs: Native American Thanksgiving
- Wed. Nov. 29 Toddlers in Nature: *Clever Crows*
- Thurs. Nov. 30 Tiny Trackers: Hurry Up, It's Getting Cold



Register online via our Calendar page: www.tylerarboretum.org/calendar
or call Joanne Landau at 610-566-9134, ext. 303 or e-mail: jlandau@tylerarboretum.org.

MEET LEARN ENJOY HELP

Lend-a-Hand

At Tyler, volunteers take part in fun opportunities, hone existing skills, and teach others while making a lasting, memorable impact on our day-to-day operations. Get involved as part of the Tyler community today. To learn more, contact Julia Lo Ehrhardt, Community Outreach Manager, at jlo@tylerarboretum.org or 610-566-9134, ext. 305. Fill out our online application form at www.tylerarboretum.org/volunteer.

Volunteer Highlight – John and Mary McCoy

John and Mary McCoy have been Tyler volunteers since 2014, but are lifelong nature lovers. John grew up next door to Awbury Arboretum in Philadelphia, and Mary hales from eastern Ohio. Both spent much of their youth exploring the woods. As sweethearts in graduate school, they would pack a picnic and spend a day out in nature. Mary loves horticulture. John loves geology and hiking.

Today, we can find John and Mary working together on the Pink Trail, as volunteer trail monitors, where they are actively supporting one of our most notable conservation areas. The Pink Trail takes hikers to Tyler's Pink Hill Barrens, a geological formation with unusual plants and insects found only in this rarest of landscapes.

According to Dr. Roger Latham, an 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."

John and Mary see it as their task to keep the Pink Trail in good order in all seasons. The work involves cutting back aggressive understory plants, removing tree debris, managing invasive vines, and when a treefall is too big to manage, calling for reinforcements from the Tyler Horticulture Crew. The McCoy's go out for trail maintenance once or twice a week during the summer, and once per month during the winter.



John and Mary McCoy, Tyler members since 1983 and Awesome Volunteers since 2014.

The season dictates the types of work for trail monitors: a hard rain, wind or a snow storm, can quickly change the work plan!

John and Mary note how rewarding the work is. Mary's favorite spot at Tyler is the lower path at Pink Hill where she can see the terrain from below in quiet solitude. John's perfect day at Tyler is in fall, when there's a light frost on the ground, the sun is hanging low in the amethyst sky,

and the woods are aglow with reds, ambers, and burgundy.

Inviting people out into Tyler's natural areas is why John and Mary are so committed to working on the trails. Through the efforts of volunteers like the McCoy's, we can experience Tyler's woods, meadows, streams and ruins year round. It is on our trails that many in our community find respite from a busy life and meaningful connections to nature. Just as Mary and John have.

Membership Matters

POP QUIZ: How Well Do You Know Your Membership Benefits?

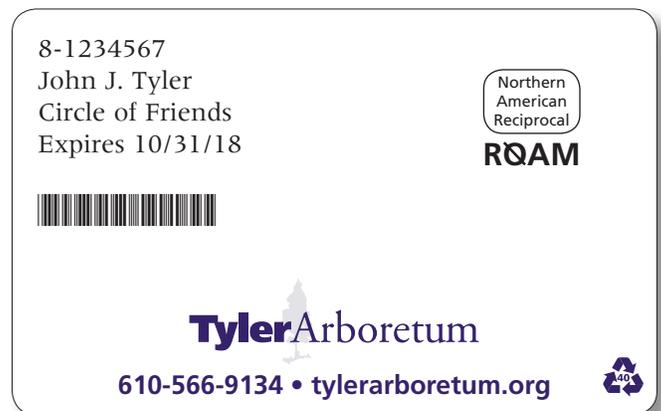
Your membership has many valuable benefits! How well do you know them? This leisurely quiz might teach you something you didn't know. Visit tylerarboretum.org/FAQ for more details about these benefits and many more.

- 1 Which gardens let me in for free with my Tyler membership card?**
- a. Morris Arboretum
 - b. Winterthur Museum, Garden & Library
 - c. Colonial Pennsylvania Plantation at Ridley Creek State Park
 - d. 300+ other gardens around the country
 - e. All of the above**

- 2 If I'm a Steward or Circle of Friends member, which museums let me in for free with my Tyler membership card?**
- a. National Constitution Center
 - b. Delaware Museum of Natural History
 - c. Battleship New Jersey Museum & Memorial
 - d. 850+ other museums around the country
 - e. All of the above**

- 3 What discounts do I get?**
- a. 10% off in our gift shop (or 15% if you're a Steward member and above)
 - b. \$2 off adult admission at Longwood Gardens, Brandywine Zoo, and other regional attractions
 - c. 20% off one order at White Flower Farm
 - d. BOGO tickets for the Delaware County Symphony (new season begins October 15)
 - e. All of the above**

- 4 If I'm a Family member, I can bring 4 children to Tyler every time I visit (or 6 children if I'm a Family Plus member and above). Those children can be:**
- a. My kids or grandkids
 - b. My nieces or nephews
 - c. My kid's friends
 - d. Any other child I know
 - e. All of the above**



Making Change

Your Support Makes the Difference

Look closely. Can you tell the difference between these photos? The difference is you! Over the last 70 years, Tyler Arboretum has blossomed thanks to the support of donors like you. Every Annual Fund donation you give helps ensure our bright future. Visit tylerarboretum.org/giving for more information!



Lachford Hall (left) as it was then.



Lachford Hall (left) as it is today.



Cedar of Lebanon (center) as it was then.



Cedar of Lebanon (background) as it is today.

Many Thanks to our Generous Friends, Sponsors & Donors

March 9, 2017 – June 21, 2017

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Our recognition lists are accurate to the best of our knowledge for gifts in this timeframe. If you note any errors, please let us know so that we may correct them promptly. Thank you.

Building Community through Edible Gardens

Earlier this spring, Tyler staff and volunteers took healthy food gardening on the road by building vegetable demonstration gardens at five Delaware County libraries. Our goal is to build community awareness around growing and eating fresh healthy food.

Tyler secured funding for these gardens through a grant from the Institute of Museum and Library Services and invited all Delco Libraries to submit requests, if they had the sunshine, space, and access to water needed to grow vegetables. The libraries in Newtown Square, Tinicum, Middletown, Darby (which has been in continuous service since 1743, making it the nation's oldest public library), and Glenolden all now have beautiful raised beds that will provide years of bountiful harvests, community engagement and the opportunity to learn how to plant, grow, harvest, and EAT tasty, healthy vegetables.

Tyler's Arboretum Manager, Jeff Wilson, and gardeners Mallory Smyth and Austin Deputy worked with our dedicated volunteers to design, install,



The new community raised bed garden at Darby Library. This project is made possible in part by the Institute of Museum and Library Services through grant award # MA-10-14-0328-14.

plant, and fence (to keep out those darn groundhogs) cypress raised beds, which are filled with a premium soil mix to get the growing season off to a strong start. In her thanks to Tyler, Laura Kuchmay, Head of Adult Services at Middletown Free Library said: "We are thrilled to be growing herbs and vegetables this summer and

hosting gardening programs for all ages." This is exactly the outcome this program is designed to achieve.

Each garden is planted with a delicious mix of vegetables, including: four kinds of tomato (Black Krim, Mortgage Lifter, Matt's Wild Cherry, and Yellow Pear); three kinds of pepper (Chocolate Beauty, Admiral, and California Wonderful); eggplant Fairytale; Swiss chard Bright Lights; bush beans Mascotte, and strawberries. Several varieties of sunflowers, marigolds and nasturtiums

will attract pollinators, deter pests, and provide color all summer. Nasturtium leaves and flowers are edible adding peppery tang and color to summer salads.

Community is important and we're thrilled to have added to ours through our friends at Delaware County Libraries.

TYLER ARBORETUM MISSION: To preserve, enhance, and share our rich heritage, collections, and landscapes, to create and inspire stewards of the natural world.

Hours

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

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

*Closed on Thanksgiving, Christmas Eve & Day

Information

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

Admission Non-members

Adults (18-64): \$15
Seniors (65+): \$13
Youth (3-17): \$9
Military and students with valid ID: \$9
Children age 2 and under: free