

# Tyler Topics

Summer  
2018



NEWS, PROGRAMS, AND EVENTS OF TYLER ARBORETUM

**Tyler** Arboretum 

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# Executive Director's Message Are

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*Cover Photo: Liz Hornbach, Youth Programs Manager, with Stork, last summer. Image by Chris Lawler.*



For the last two summers, your generous donations and considerable volunteer support in building goat paddocks have helped us bring goats to Tyler from mid-May through

October. As our Munch Patrol of ambulatory, highly entertaining, low maintenance meadow managers, they appreciated your attention, as well as the occasional Oreo from your picnic leftovers!

Most importantly, you have provided a great way to involve our campers, visitors, school groups, volunteers, and others in a conversation around sustainable land management. And, goats are just plain FUN!

### Many of you have asked 'Are the goats good for gardens?'

Goats have given us new insight about controlling invasive and successional plants. With 90 acres of meadows, it was clear we needed more than our winter mowing regimen to restore a healthy plant community of native grasses and wildflowers. Winter mowing doesn't halt the spread of annual weeds such as mile-a-minute. With woody successional plants—our native cherries, sassafras and tulip poplars—a full season of growing before mowing allows them to store ample carbohydrates in their roots for a quick start the following spring, developing bushy tops and, over time, massive roots.

Some of last year's campers helping lead goats from one paddock to another.



Mike Karkowski, Tyler's Director of Horticulture, working with Dr. Roger Latham, a conservation biologist developed our 3-year plan to evaluate different meadow management strategies, including winter mowing, summer mowing, controlled burns, and of course, goats.

Goats love the plants we are trying to eliminate. They eat what cows and sheep won't, which is why goats are often livestock pasture partners. They are adept at picking the juicy leaves one at a time with very flexible tongues, leaving stems bare. As new growth re-sprouts, the continual browsing over time weakens the plant, eventually killing it.

For the last two summers we put 12 friendly goats in a 4-acre paddock in the

## Controlled Burns

We burned our 1-acre Middle Farm meadow in spring 2016, and successfully eliminated woody growth, primarily multiflora rose and native tree saplings. In year one our scorched earth was quickly followed by a cover crop of mile-a-minute, which we mowed midsummer before the berries could develop. In year two, our meadow had about a 75% cover of common mullein. This striking plant is considered invasive in some parts of the country and is a typical colonizer after burns. We mowed midsummer again, and, at the end of year two, we had a robust crop of Japanese stiltgrass with patches of black swallowwort. Woody plants seem to have been effectively managed by fire, but the seed bank of these resilient invasive annuals is going to keep us busy for the foreseeable future.



Middle Farm burn site growth in 2017, two years on and growth has exploded!

# Goats Good for Gardens?



Pinetum. The meadow running through the Pinetum is especially problematic. Birds roosting in the trees provide a diverse mix of unwanted seeds. And because these areas are more shaded, the saplings of our native trees get a good start on more open soil.

## So did the goats do their job as meadow managers?

Our first winter post-goat, we did not mow the paddock to see what would come back. As it turns out, goats love multiflora rose and conifers (some low branches in the Pinetum were munched). Goats are lukewarm about cherries, and very smart about avoiding the plants that make them

sick, such as black swallowwort and white snakeroot. The plants the goats don't eat or eat last, thrive!

Year one, the cherries were the last food browsed, in October. We should not have been surprised that our cherry saplings doubled in size in year two!

## The ultimate solution?

There is no one solution that does it all. Keeping on top of invasive plants is an exercise in triage—what is urgent—and patience, with perpetual, ongoing attack. Our experiment with isolating these strategies clearly demonstrates the pros and cons of each. To address the specific challenges of a situation, a successful management plan would select a mix of strategies with the judicious use of herbicides.

But we are all for goats in our meadows in the summer. In addition to their hard work of eating our undesirable plants, goats bring joy to our visitors, our campers, and our staff. Thank you for your help with our goat experiment.

See our goats this summer from mid-May through October.

*Goat*

## Summer Mowing

For the last two years, we mowed our 5-acre Stopford Family Meadow Maze in late July, after ground nesting birds have fledged. This, honestly, is a painful practice. Summer mowing eliminates the gorgeous herbaceous bloom that is just beginning to open, but also eliminates seed set on invasive annuals. Summer mowing sets back the woody growth of successional trees, and impacts the virulence of invasive vines. By year two, we noticed a stronger presence of warm season grasses, and will continue summer mowing in this area to encourage that shift.



Our meadows last June. Winter mowing on the left, summer mowing on the right.

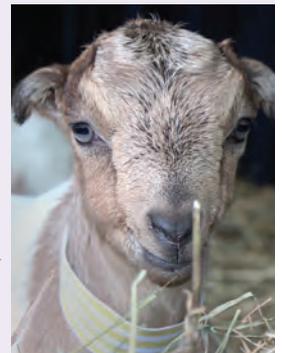
## Fun Facts About Goats!

**Glorious Hair!** Goats have hair, which grows continuously, rather than fur, which sheds seasonally. Mohair fiber comes from Angora goats, and cashmere comes from a variety of breeds grown mostly in mountainous regions in Asia. Angora goats have long hair that can be made into strong, beautiful yarns for luxurious fabrics. Cashmere comes from the soft undercoat of goats, and was first discovered in Kashmir, hence the name.

**Goat Milk Anyone?** Goats produce milk that is made into delicious cheeses. There are about 6 main breeds of dairy goat in the US, with milk production ranging from 6 to 12 pounds of milk per day (roughly 2-3 gallons), compared to 45-60 pounds per day for cows. Goat milk also makes fine soap!

## Weird Eyes!

Side-slanted eyes with horizontal pupils like a goat's belong to grazing prey animals. Round pupils, like ours, dogs, and large cats belong to day time predators. Sideways eyes produce a much wider field of vision, giving goats a greater ability to detect predators. The shape of their pupils also allows them to take in more light.



# Tyler at Twilight

June 14 — 6 – 10pm  
*A Midsummer Night's Dream*

**You're invited to join us for Tyler at Twilight, your opportunity to celebrate summer and support gardens, natural lands and environmental education at Tyler.**

This ticketed, outdoor, fundraising event under a gorgeous tent promises great food, wonderful camaraderie, an open bar, and the chance to bid on a range of wonderful auction items.

Featuring the fabulous food from Media-area restaurants, and kindly supported by a cadre of generous sponsors and auction item donors, the event proceeds support environmental education and conservation. This year, we're aiming to beat last year's event, which raised \$104,000 and \$23,140 for our Edible Garden project.

*Tickets are \$100 each (or \$1,400 for a table of 10 people), and are on sale now at [tylerattwilight.org](http://tylerattwilight.org)*

**SIXTEENTH  
ANNUAL  
TYLER AT  
TWILIGHT  
CELEBRATION**

A Midsummer Night's Dream  
TYLER ARBORETUM



# Tyler Events

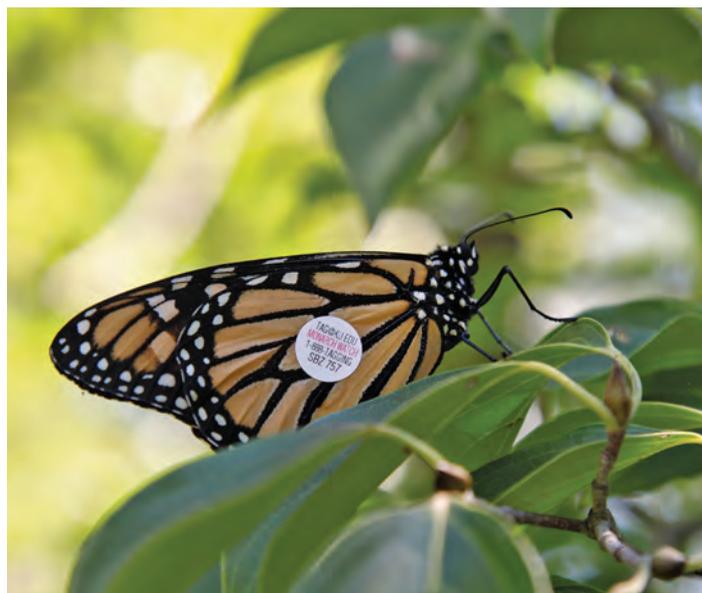
Summer  
2018

## Summer Wine Exploration: The Wines of Italy

Friday, July 27, 7 – 9pm

Join our friends from La Porta as they delight us with the scents and tastes of Italy at this al fresco evening of seasonal hors d'oeuvres and a sampling of fine wines selected by noted wine collector and expert **Joseph Buchter**. An avid wine connoisseur and educator, Buchter will guide participants through each wine and food pairing. *Suitable for adults 21 and older.*

*\$30 members, \$40 non-members. Pre-registration required; online registration is available or call 610-566-9134 ext. 303. Limited capacity, first come, first served; rain or shine.*



## Bugs and Butterflies

Sunday, August 26, 10am – 2pm

Join us for our annual celebration of butterflies and bugs. Come and watch our monarch tagging demonstrations. New this year! Visit the arthropods from the **Philadelphia Insectarium and Butterfly Pavilion**, and get up close and personal with a real beehive thanks to our friends at **Church Lane Apiary**.

*FREE with regular admission, no pre-registration required; rain or shine.*

## National Trails Day

### All American Hike

Saturday, June 2, 9:30am – 3:30pm

Celebrate National Trails Day with an All American Hike on our red, white and blue blazed trails! Join **Jim Flandreau**, Board of Trustees member and avid hiker, for an exciting day of hiking on the Painter (red), Minshall (white) and Rocky Run (blue) trails along watersheds, wildflower meadows and woods. *Hiking shoes/boots are a must. Bring a bag lunch, snacks and water. Sunscreen, hats and bug repellent are highly encouraged.*

*\$15 members, \$25 non-members*

### Twilight Hike

Saturday, June 2, 7:30 – 9:30pm

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

*\$10 members, \$20 non-members*



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

# Tyler Programs

## Tyler Travels

### Birding Trip: Poconos Hike

*Tuesday, June 12, 7am – 5pm*

Join birders and guides **Sue Lucas** and **John Mercer** for this exciting day trip to hike and bird in the Poconos. Penn Forest in Carbon County and surrounding areas provide excellent habitat for birds, and varied terrain (woods, fields, hills, streams and lakes) sure to please birders and hikers alike. *Bring binoculars, good hiking boots, a small backpack, a bag lunch and extra water on this active trip. Transportation, snacks and water are provided.*

*\$60 members, \$75 non-members*

### Garden Tour: Hershey Gardens and Conestoga House & Gardens

*Tuesday, August 7, 8am – 6pm*

Hershey Gardens opened in 1937 with Milton Hershey's request to "create a nice garden of roses." Through the years, the 3 ½ acre rose garden has blossomed into 23 acres of botanical beauty. Enjoy a guided tour with Hershey Gardens' horticulture staff exploring some of their 11 themed gardens. Visit the indoor Butterfly Atrium to discover tropical butterflies from around the world. After lunch, head to Conestoga House & Gardens, an estate garden in Lancaster, PA, for a guided tour of their grounds, featuring tropical and annuals displays and container plantings. *This trip includes transportation, lunch and tour fees.*

*\$125 members, \$150 non-members*



## Gardening and Horticulture

### Mornings in the Fragrant Garden

**FREE FOR MEMBERS!**

*Wednesdays, July 11 and August 8, 10 – 11:30am*

Throughout the summer, members of **The Philadelphia Unit of the Herb Society of America** tend Tyler's luscious Fragrant Garden. Drop in on these dates for a sensory experience and demonstration as they share their gardening knowledge and answer questions about the uses and cultivation of herbs. Take home samples from the garden.

*FREE with admission; No pre-registration required*

### Blooms and Butterflies

*Saturday, July 21, 10 – 11:30am*

Join **Amy Mawby** to learn how to create beautiful habitats that support our butterflies! Discover native plants that serve as food sources for our regional butterflies in all of their life cycle stages. Take a photographic journey of our region's butterfly species, highlighting their amazing metamorphosis and fun facts.

*\$20 members, \$30 non-members*



## Woody Plant Conference

Friday, July 20, 8:30am – 4:30pm

This one-day conference is a must for anyone who loves trees and shrubs. This year's speakers include **Gerard Donnelly, Ed Ikin, Jane Kilpatrick, Thomas Molnar, Abby Van Den Berg** and **Michael Yanny**. Tyler Arboretum is a co-sponsor along with Chanticleer, Longwood Gardens, Morris Arboretum of the University of Pennsylvania, the Pennsylvania Horticultural Society and The Scott Arboretum of Swarthmore College. The conference is held at Swarthmore College.

For more information, visit [www.woodyplantconference.org](http://www.woodyplantconference.org).

## Botanical Arts

### Photo Walk: Tyler's Trees

Saturday, June 30, 4 – 6pm

Join nature photographer **Chris Lawler** for a late afternoon outing, made in the shade. Walk woodland paths to discover the unique characteristics of Tyler's tree collections with varying leaf shapes, branching patterns and bark textures. *Perfect for all levels of photographers and cameras (even camera phones). Please wear shoes suitable for uneven terrain.*

\$10 members, \$20 non-members



### Plein Air Painting Workshop

Tuesday – Thursday, July 17 – 19,  
10am – 2pm

Join artist **Susan O'Reilly** for a 3-day workshop in the art of Plein Air painting on our majestic grounds. She will teach techniques for painting with oils in the outdoors with a focus on composition, light control and paint quality. A group critique will follow each painting session to advance the work of each artist's piece. This workshop is for intermediate to advanced painters who are interested in learning about Plein Air or refining their skills. For examples of instructor's work, please visit [susanoreillyart.com](http://susanoreillyart.com). *Please bring all painting materials, including a portable easel, pack a lunch and dress for the weather.*

\$125 members, \$150 non-members

### Photo Walk: Morning Meadow Magic

Sunday, August 5, 8 – 10am

Beat the heat with early access to Tyler's teeming meadows! Join nature photographer **Chris Lawler** on a hike out to capture the morning light, textures and pollinator action in our expansive meadows. *Perfect for all levels of photographers and cameras (even camera phones). Please wear shoes suitable for uneven terrain.*

\$10 members, \$20 non-members

## Nature Studies

### Summer Twilight Hikes

Various dates, 7:30 – 9:30pm

Experience the magic of Tyler's natural areas at twilight. 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 terrain that may include moderate to steep trails.*

🌿 **Sat, June 2: National Trails Day**

🌿 **Fri, June 29: Full Moon**

🌿 **Fri, July 27: Full Moon Firefly**

**Discovery with  
naturalist Steve Tessler**

🌿 **Sun, August 26: Full Moon**

\$10 members, \$20 non-members





## Beekeeping Open Hive

*Saturday, June 9, 11am – 1pm*

Bees provide great local honey while also providing an ecological service as pollinators. Learn the ins and outs of beekeeping from Tyler apiarist **Paul Strommer**. Participants will explore the most important aspects of bee and hive maintenance in the spring and summer months, learn about equipment, management techniques and bee biology. Veils will be provided for all participants, allowing for a hands-on, interactive experience. *Though bee stings happen rarely, they are always a possibility. Please take any necessary precautions before attending the workshop.*

*\$30 members, \$40 non-members*

## Nature Walks

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

### Summer Bird Walks

*Every Wednesday, 8:15 – 10:15am*

With acres of unbroken forest interior and extensive meadows, Tyler is recognized by the Pennsylvania Audubon Society as an Important Bird Area. Join Tyler's experienced birders in search for summer residents. *Beginners and experts are welcome. Bring bird guides and binoculars.*

### Weekday Wildflower Walks

*Every Wednesday, 11:15am – 1:15pm*

Tyler's diverse ecosystems support a wide variety of plant life year-round. Discover the progression of beautiful summer wildflowers at Tyler with **Dick Cloud** and **Richard Brenner** on these weekly walks.

### Saturday Wildflower Walks

*Saturdays, June 16, July 21 and August 18, 1:30 – 3:30pm*

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

### Summer Tree Identification Walk

*Saturday, July 28, 10am – noon*

During this summer walk, **John Wenderoth** will focus on the part of the tree that provides us with wonderful shade – the leaves! Learn to identify trees by leaf shape and composition. Observe crown colors and textures due to leaf shapes. Bark patterns will also be examined along the way.

### Flutter, Hover and Buzz Tours

*Fridays, Saturdays and Sundays, June 1 – July 29, drop-in between 12 – 3pm*

Butterflies, ants, bees and even flies help plants produce fruit. Discover insects and the plants that they love. Learn how plants have adapted to certain insects. Come and find out what the BUZZ is all about!

### Once Upon a Farm Tours

*Fridays, Saturdays and Sundays, August 3 – 31, drop-in between 12 – 3pm*

Our journey from a settlement to a modern-day public garden took several hundred years. Find out how the Minshall, Painter and Tyler families loved and stewarded this property.

### Beyond the Fence Hikes

*Dates and times set by Mother Nature*

Join ecologist and naturalist **Steve Tessler** for fun and informative seasonal 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](mailto:amawby@tylerarboretum.org).

# Health and Wellness

## T'ai Chi Chih

Thursdays, 5:45 – 6:45pm

Session 1: Thursdays, June 7 – July 19 (no class on June 14)

Session 2: Thursdays, July 26 – August 30

Come and relax your body while focusing your mind. Join **Kathleen McAllister** to learn T'ai Chi Chih (pronounced tie-chee-chuh) – a series of gentle movements that stimulate, circulate and balance internal energy. Beneficial results are obtained regardless of age, physical condition, or agility and can be modified to a seated practice. *Classes take place both indoors and outdoors based on the weather. Suitable for ages 15 and up.*

Six-class series discount: \$78 members, \$96 non-members

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



# Youth & Family Programs

## Youth 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)

### Frogs and Toads

June 13

Learn about the life cycle of these wonderful creatures. Head to the pond to search for them and other aquatic life.

### It's a Good Thing There are Spiders!

June 27

Spiders are more helpful than you may know. Discover how they help us and the environment.

### How Do Animals Stay Cool in Summer?

July 11

Wearing a fur coat in the summer heat? How would you cool off? Explore how different animals stay cool.

### Wind and Weather

July 25

Wind helps birds fly and helps us to cool down on a hot day. Learn why the wind blows and more about our weather.

### Things with Wings

August 8

There are so many cool animals and insects with wings! Take a walk and see how many winged things we find.

### What's in the Meadow?

August 22

A summer meadow is full of magical and wondrous creatures. Discover some of the amazing variety at Tyler.

### 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)

### I Can Eat the Whole Plant!

June 5

Much of our food comes from plants. Learn about the various parts of a plant that we can eat, and even try some!



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

## Sprouts

June 19

How do seeds turn into plants? Learn about sprouts and prepare a “greenhouse” to take home and watch it sprout.

## Plant a Pizza

July 3

Where do your pizza toppings and spices come from? Plant your own pizza garden and take it home so you can create your own delicious dinner.

## Here Comes the Sunflowers

July 17

Why do plants have flowers? Learn the lifecycle of a sunflower plant and its uses. Try some sunflower seeds and take some home to grow your own plant.



## The Dirt on Soil

July 31

Learn why soil is important for us. Become a soil scientist and get ready to investigate our garden soil!

## Mini Herb Gardens

August 14

Herbs engage your senses and are easy to grow indoors or outdoors. Create your own miniature herb garden to take home.

## Garden Friends

August 28

Learn about garden friends that help your plants grow and bloom! Dig for earthworms and look for butterflies and bees.

## Campfire Chefs

Wednesdays, 10 – 11:30am

*Little Chefs goes outdoors! 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 3-5, but all ages are welcome. Please note, recipes may not be allergy-friendly – please inquire when registering if you have concerns. Price includes materials for food preparation. Program is held outdoors.*

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

## Summer Veggies

June 6

Roast some of your favorite summer veggies and create a savory snack.

## Sweet Fruit

June 20

Summer is ripe with delicious fruits. Bring out their summer sweetness over the fire!

## Foil Packs

July 18

Create your own delicious meals in a fun foil packet.



## Kid-Approved Chili

August 1

Create a yummy one-pot-meal with all your favorite ingredients.

## Toasted Sandwiches

August 15

Discover the many ways to make a deliciously warm sandwich over the fire.

## Breakfast Time

August 29

Discover interesting ways to make breakfast over the fire.



## Tiny Trackers

Ages 4 – 6

Thursdays, 1 – 2:30pm

*Tiny Trackers programs are for children and their favorite adult. Each program includes a lesson and nature exploration.*

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

## Squirmy Wormies

June 14

Explore “wormy” creatures crawling on the ground. Find out what’s above and below the soil.

## The Bluebird Trail

June 28

Find the bluebird boxes at Tyler and discover why we have them. Learn about the importance of bluebirds and our other feathered friends.

## Woodland Walk

July 12

Summer is hot! Let’s cool off in the shade of the woods. Walk under the tall trees and see who else is hanging around.

## What's in the Stream?

July 26

How does the stream differ from the pond? We'll explore lots of aquatic life and find differences and similarities.

## The Colors of Summer

August 9

Search for summer colors at Tyler. Why are some colors harder to find than others? How do colors help plants and animals?

## Butterflies and Moths

August 23

Find out about the many kinds of these winged beauties and why they're so important.



## Build a Butterfly Container

Saturday, July 14, 10 – 11:30am

Learn about butterflies, and what they need to survive and thrive. Create your own outdoor attraction to take home and entice butterflies to visit your backyard. Price is per container garden, not per person. Suitable for ages 5 and up. \$30 members, \$40 non-members

## Firefly Frenzy

Friday, July 20, 7 – 8:30pm

Come explore the night and go on a "catch and release" hunt for fireflies, moths and other insects that like to lurk in the dark. Learn about what makes them glow and then create your own glowing firefly craft to take home. Please bring a flashlight. Suitable for ages 4 and up.

\$10 members, \$15 non-members

## S'mores Day Fun

Friday, August 10, 6:30 – 8pm

Graham crackers, chocolate and marshmallows are just the beginning! Join us to celebrate National S'mores Day to experience this yummy treat in

a whole new way! Play some wacky games, go on a hike and try out

different variations of this summertime favorite around our campfire. It will be a delicious time and you'll leave wanting s'more. Suitable for ages 5 and up.

\$10 members, \$15 non-members



## 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.

### Stream Splash

Saturday, June 16,  
10 – 11:30am

FREE FOR MEMBERS!

Be prepared to get WET! Lots of neat things live in the water at Tyler. Hop in the stream and look for these cool creatures in their natural habitat.

Water shoes are recommended. Suitable for ages 3 and up.

FREE for members, \$15 non-members

### Family Campout

Friday, June 29, 5:30pm – Saturday, June 30, 10am

Stay overnight at the Arboretum! Pitch your tent and camp out under the stars. Cook dinner and s'mores over a campfire, play some outdoor games and explore Tyler at night with an evening hike. Bring your own camping gear. Dinner and breakfast will be provided. Suitable for ages 5 and up.

Members: Adult \$40, Children \$30

Non-members: Adults \$50, Children \$40



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

# Tyler Calendar

## Summer 2018

These walks are  
**ALWAYS FREE**  
FOR MEMBERS!

Flutter, Hover and Buzz Tours\* Fri., Sat. and Sun., June 1 – July 29, drop-in between 12 – 3pm

Once Upon a Farm Tours\* Fri., Sat. and Sun., Aug. 3 – 31, drop-in between 12 – 3pm

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

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

Saturday Wildflower Walks\* June 16, July 21 and Aug. 18, 1:30 – 3:30pm

Programs marked with asterisk\* are FREE for Tyler Members

### June

- Sat. June 2 National Trails Day – All American Hike
- Sat. June 2 National Trails Day – Summer Twilight Hike
- Tues. June 5 Garden Sprouts: I Can Eat the Whole Plant!
- Wed. June 6 Campfire Chefs: Summer Veggies
- Thurs. June 7 T'ai Chi Chih: Session 1
- Sat. June 9 Beekeeping Open Hive
- Tues. June 12 Birding Trip: Poconos Hike
- Wed. June 13 Toddlers in Nature: Frogs and Toads
- Thurs. June 14 Tiny Trackers: Squirmly Wormies
- Thurs. June 14 Tyler at Twilight
- Sat. June 16 Family Program: Stream Splash\*
- Sat. June 16 Wildflower Walk\*
- Tues. June 19 Garden Sprouts: Sprouts
- Wed. June 20 Campfire Chefs: Sweet Fruit
- Thurs. June 21 T'ai Chi Chih: Session 1
- Wed. June 27 Toddlers in Nature: It's a Good Thing There are Spiders!
- Wed. June 27 **Members Only: Ride, Roll & Stroll\***
- Thurs. June 28 Tiny Trackers: The Bluebird Trail
- Thurs. June 28 T'ai Chi Chih: Session 1
- Fri. June 29 Summer Twilight Hike: Full Moon
- Fri. & Sat. June 29 & 30 Family Program: Family Campout
- Sat. June 30 Photo Walk: Tyler's Trees

### July

- Tues. July 3 Garden Sprouts: Plant a Pizza
- Thurs. July 5 T'ai Chi Chih: Session 1
- Wed. July 11 Mornings in the Fragrant Garden\*
- Wed. July 11 Toddlers in Nature: How Do Animals Stay Cool in Summer?
- Thurs. July 12 Tiny Trackers: Woodland Walk
- Thurs. July 12 T'ai Chi Chih: Session 1
- Sat. July 14 Family Program: Build a Butterfly Container
- Tues. July 17 Plein Air Painting Workshop: Part 1
- Tues. July 17 Garden Sprouts: Here Comes the Sunflowers
- Wed. July 18 Plein Air Painting Workshop: Part 2
- Wed. July 18 Campfire Chefs: Foil Packs
- Thurs. July 19 Plein Air Painting Workshop: Part 3
- Thurs. July 19 T'ai Chi Chih: Session 1
- Fri. July 20 Woody Plant Conference
- Fri. July 20 Family Program: Firefly Frenzy
- Sat. July 21 Blooms and Butterflies
- Sat. July 21 Wildflower Walk\*
- Wed. July 25 Toddlers in Nature: Wind and Weather
- Thurs. July 26 Tiny Trackers: What's in the Stream?
- Thurs. July 26 T'ai Chi Chih: Session 2
- Fri. July 27 **Wine Exploration**
- Fri. July 27 Summer Twilight Hike: Firefly Discovery
- Sat. July 28 Summer Tree Identification Walk\*
- Tues. July 31 Garden Sprouts: The Dirt on Soil

### August

- Wed. Aug. 1 Campfire Chefs: Kid-Approved Chili
- Thurs. Aug. 2 T'ai Chi Chih: Session 2
- Sun. Aug. 5 Photo Walk: Morning Meadow Magic
- Tues. Aug. 7 Garden Tour: Hershey Gardens and Conestoga House & Gardens
- Wed. Aug. 8 Mornings in the Fragrant Garden\*
- Wed. Aug. 8 Toddlers in Nature: Things with Wings
- Thurs. Aug. 9 Tiny Trackers: The Colors of Summer
- Thurs. Aug. 9 T'ai Chi Chih: Session 2
- Fri. Aug. 10 Family Program: S'mores Day Fun
- Tues. Aug. 14 Garden Sprouts: Mini Herb Gardens
- Wed. Aug. 15 Campfire Chefs: Toasted Sandwiches
- Thurs. Aug. 16 T'ai Chi Chih: Session 2
- Sat. Aug. 18 Wildflower Walk\*
- Wed. Aug. 22 Toddlers in Nature: What's in the Meadow?
- Thurs. Aug. 23 Tiny Trackers: Butterflies and Moths
- Thurs. Aug. 23 T'ai Chi Chih: Session 2
- Sun. Aug. 26 **Bugs & Butterflies**
- Sun. Aug. 26 Summer Twilight Hike: Full Moon
- Tues. Aug. 28 Garden Sprouts: Garden Friends
- Wed. Aug. 29 Campfire Chefs: Breakfast Time
- Thurs. Aug. 30 T'ai Chi Chih: Session 2



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

# MEET LEARN ENJOY HELP

## Lend-A-Hand

We are looking for new volunteers to join us this summer. From pruning shrubs to creating natural works of art – Tyler Volunteers play an active role in all Arboretum operations. Did you know that during the two days of Pumpkin Days each year we are supported by over 200 volunteers? Are you wondering how you can join in the fun this summer? Contact Julia Lo Ehrhardt at 610-566 9134, ext. 305 or via email at [jlo@tylerarboretum.org](mailto:jlo@tylerarboretum.org)

### Growth and Change in the Volunteer Program

Volunteers have always made a difference in society. From fire stations to recovery rooms, people give their time, expertise, and compassion. There is no lack of any of these traits at Tyler Arboretum. Numbering over 250 strong and working in over 23 groups, our volunteers have helped Tyler grow and thrive.

In the last two years, the Natural Areas Restoration group (NAR) has transformed into a vibrant and active community, while the American Chestnut group saw not only an increase in volunteers but also in the number of harvested nuts. What did it take? The first was to establish consistent communications electronically. We've reached a greater number of volunteers and kept the active volunteers in the know by creating electronic newsletters and web-based volunteer job postings. The second thing was a commitment to training and sharing of knowledge. Both groups offer training—real results that the participants can see—as well as a celebratory or review session. Finally, it took volunteer leadership. John Wenderoth, Dick Cloud, and Liz Pascale are at the helm of these groups. They share their knowledge, their time, and most importantly, their passion for Tyler.

One of the major initiatives of our Strategic Plan is to build a top-notch visitor experience. We want our visitors to fall in love with Tyler and become champions of the natural world.

We created the Docent and Ambassador program. Going into the second year,



**Tyler volunteers busy mulching with our Horticulture staff.**

our group will be joined by another class which started on April 7. We are ready to assist visitors by providing information, seasonal tours, and even suggestions of what to do after their visits. The docents also provide scheduled group tours—from garden clubs to Master Gardeners and college students. We see group tours growing and with the help of our well-trained docents, we will be able to meet this need.

We should not overlook the volunteer groups who tackle the core needs of Tyler—they are the Horticulture Crew, Bluebird Box Monitors, Trail Monitors, Plant Recorders, Educators, Butterfly House Guides, and Crafters. Without fail, these groups provide much needed assistance in our everyday tasks. They maintain our collections and trails, care for our flora and fauna, and bring joy to visitors on botany

and bird walks. These core needs will grow as we push forward with our programs and work in cultivated and conservation areas.

As Tyler explores ways to engage visitors and members, you know volunteers will be involved. During Pumpkin Days, over 170 volunteers are mobilized. At Pancake Breakfast, an average of 50 volunteers put on aprons and roll up their sleeves. Every month, a cadre of mail assembler volunteers happily sits around a large work table to assist our Development office in reaching out to members. Thank you all. Truly, Tyler's growth stems from the hard work of the volunteers.

To sign up for the monthly Volunteer e-newsletter, go to Tyler's website and search for "Volunteer E-newsletter." Submit your contact information.

# Your Love of Tyler

## *Membership Matters* *Your Guest Passes Can Make a Difference*

**A day spent in nature is a day well spent. By sharing your guest passes, you are sharing something many people desperately need...more time in nature!**

**Every year, our members receive new guest passes to share with others. Have you used yours yet?**

Don't let them go to waste! Share them with a loved one who could use a quiet walk in nature, or a friend who needs inspiration. Share them with a child who doesn't often get to play outside, or a neighbor who's never been to Tyler. Share them with the person in line behind you at the grocery store, or with your kids' teachers. Use your guest passes to share your love of Tyler with the people around you! Your generosity will bring more nature into the lives of others, and nature can change lives! Thank you so much for being a member, for supporting Tyler, and for sharing this special place with others.



**Use your guest passes to share your love of Tyler with the people around you!**



## **Members Only Event**

### **Members Only Ride, Roll, & Stroll**

*Wednesday, June 27, 5:30 – 8pm*

Ready for summer? Join us on June 27 for one of our most popular members-only events: Ride, Roll, & Stroll! If you don't know about this annual favorite, you're in for a treat. After the Arboretum closes to visitors, we open up the gates for our members...and their wheels!

During this special event, you can ride the Scenic Loop on your bike, scooter, rollerblades, or other human-powered wheels. This is a special chance to experience Tyler in a way that's not usually allowed! Everyone loves looping the grounds after hours, especially with a free frozen treat from Bassett's Ice Cream!

*No pre-registration required. Rain date: Thursday, June 28*



**Whether you're walking or rolling, enjoy Tyler when it's open just for you, our members!**

# Helps Us Grow

## *The Impact of Your Generosity A Better Summer Camp, Thanks to You!*

Your generosity achieves great things at Tyler! Come visit on a hot summer day to see Summer Camp in full swing. It's a perfect example of your dollars at work. In recent years, we've had to turn children away from camp. Given our mission to create champions of the natural world, we needed to find a way to reach more children. Your generous donations gave us the resources to hire more staff and offer more camp spots. Thanks to you, we're now teaching more children than ever. It's a joy to see young boys and girls learning to love and protect our natural world (and you know that it desperately needs protection)! With your loyal support, we'll reach even more children in the future. Thank you!



**To support our summer camp and the many other ways we create champions of the natural world, make a donation online at [tylerarboretum.org/giving](http://tylerarboretum.org/giving) or call 610-566-9134, ext. 209. Thank you!**

## *Many Thanks to our Generous Friends, Sponsors & Donors*

**December 9, 2017 – March 8, 2018**

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Jerry & Kate O'Dell

Tague Lumber

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**PECO Grant – \$10,000:** PECO has generously donated \$10,000 for Tyler's 2018 environmental education programs. This gift supports Summer Camp, family programs, and school field trips. School field trips give children hands-on learning experiences through Soil Investigators, Seeds and Plants, Birds of a Feather, Incredible Invertebrates, and Eco-Explorations. We thank PECO for helping educate our shared community.

*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.*

## Summer Edibles

*Our landscape is full of nutritious and tasty food in the summer. Here are a few wild, natural edibles that merit your attention.*

Native to this region and easily grown in the shady garden is high bush blueberry (*Vaccinium corymbosum*). Summer would not be summer without a pint of these for snacking. Belonging to the Rhododendron family, this deciduous shrub thrives in acidic soil and dappled shade with a moderate amount of water. Blueberries flower in spring and varieties have been developed to prolong the season both in bloom time and in harvest. Their white, urn-shaped flowers prefer bees to do the pollination work because only bees buzz enough to dislodge the pollen. To ensure a bounty of fruits in June and July, plant different cultivated varieties with the same bloom time. Another noteworthy characteristic of these blueberries is the wonderful fall color of crimson and apricot.

Garden-worthy plant with culinary merits is the native chokeberry (*Aronia*). An easily grown shrub for the sunny border, it will colonize with suckers and form a thicket. If your garden has areas where the soil is consistently damp, chokeberry is a good candidate to add interest with white blooms in spring, followed by either black fruits (*Aronia melanocarpa*) or red fruits (*Aronia arbutifolia*). These tart berries are full of antioxidants and can be made into jam and jellies. Like the blueberry, this shrub will showcase glorious fall color.

A shrub that attracts attention, especially from the raucous and entertaining cat bird, is elderberry (*Sambucus nigra*). It is found naturally in Europe and North America and is the subject of many tales. Thought to protect people from evil spirits, elderberry was commonly

planted around homes. The only acceptable reason for removing this plant was for medicinal purposes or to make protective charms. If cut for other reasons, the perpetrator was cursed with a toothache. The elderberry shrub has many uses: its fragrant white flowers are harvested to make wine, while the berries are scrumptious to eat fresh or made into jellies, syrups, and wines. Some have claimed that elderberry syrups boost our immune systems. This shrub has bold leaves and is best planted in sun or part shade. Many cultivated varieties have been developed especially for different colored leaves: "Black Beauty" and "Black Lace" have dark purple to burgundy foliage.

On your next visit to Tyler, come by the information tent and take a tour with our guides to see these plants before the birds eat them.



High Bush Blueberry  
(*Vaccinium corymbosum*)



Chokeberry  
(*Aronia arbutifolia*)



Elderberry  
(*Sambucus nigra*)

**TYLER ARBORETUM MISSION:** To preserve, enhance, and share our 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 Day,  
Christmas Eve, and Christmas Day

### Information

610-566-9134  
[www.TylerArboretum.org](http://www.TylerArboretum.org)  
[info@tylerarboretum.org](mailto:info@tylerarboretum.org)