



The Bimonthly Journal of the Friends of the Garden

VOL. 13, NO. 4

REACH US AT 417-891-1515

JUNE/JULY 2018



Tenth anniversary of Butterfly Festival welcomes 'Young Sprouts' of all ages

A new generation of young lepidopterists seems mesmerized at the Caterpillar Petting Zoo. This is the 10th year for the Butterfly Festival, now merged with Master Gardeners' Young Sprouts.

Photo by Aaron J. Scott

Friends of the Garden Butterfly Festival and Young Sprouts will celebrate 10 years together with some friendly petting of caterpillars, performances, vendors and organizations.

It's all to appreciate the importance of native Ozarks butterflies and moths.

Visitors can see them for free in the Dr. Bill Roston Native Butterfly House on Saturday, June 23, in the [Springfield Botanical Gardens](#) at Nathanael Greene/Close Memorial Park, 2400 S. Scenic Ave.

The event will also feature "Young Sprouts in the Garden," an innovative educational opportunity for young children (and the young at heart), presented by [Master Gardeners of Greene County](#) in conjunction with partner organizations such as the Missouri Master Naturalists, Missouri Department of Conservation, the Missouri Prairie Foundation, Audubon Society of the Ozarks and private vendors.

If you haven't bonded with the next generation lately, all ages are invited to celebrate butterflies and nature in our beautiful park setting and enjoy a wide variety of activities, performances, and private vendors.

The Caterpillar Petting Zoo provides a uniquely up-close look at the life cycle of butterflies and moths while learning about the importance of these remarkable creatures who pollinate plants – and sometimes devour them.

Please see page 4 of this newsletter >

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ONLINE
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Profile: Tammy Trantham

Page 2: With some help from her visiting father from Iowa, Tammy Trantham creates a work and storage station for the butterfly house volunteers.



Climate Chaos

Page 7: Katie Keith explains how the gardens help us learn to cope with our chaotic climate.

If you're reading this newsletter online, many items are hyperlinked for further information.

AboutFOG

Vol. 13, No. 4

JUNE/JULY 2018

2400 S. Scenic, Springfield, Mo. 65807

Friends of the Garden is a non-profit 501(c)(3) corporation founded in 1999 to develop the Spring Botanical Garden at Nathanael Greene/Close Memorial Gardens, located at 2400 South Scenic in Springfield, home of the Springfield/Greene County Botanical Center. We seek a dynamic relationship with other organizations working to benefit the park gardens. This newsletter is now published six times a year in print through Ozarks Living Magazine and delivered online as well to members. Past issues and other information can be found at www.FriendsoftheGarden.org.

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Our Mission:

To inspire the discovery, understanding and appreciation of nature, by creating and maintaining the Springfield Botanical Gardens at Nathanael Greene/Close Memorial Park and by supporting the mission of the Springfield-Greene County Botanical Center and Park Board.



Photos by William Aldrich and Wes Tratham

Profile: Tammy Trantham

Tammy Trantham and her father, Wayne Yelden, at work on the cart for the Butterfly House. Below, Tammy and husband Wes with the finished cart in the Butterfly House.

Tammy Trantham estimates she volunteers more than 100 hours each season at the Dr. Bill Roston Native Butterfly House, showing visitors the life cycle of moths and butterflies that are at home here in the Ozarks. Over last winter, she was asked to brainstorm how to make the screened structure more functional.

Her solution: replace the generic folding table that held the staff's reference materials, handouts and whatever else needed a flat surface.

Tammy envisioned a cart with sliding doors to protect garden tools needed to maintain plants in the house, shelves for reference materials and a weatherproof counter that folded out for extended display space, yet folded down when the cart needed to be moved.

A self-described "bug lady" and aquatic biologist by profession, Tammy knows her way around a wood shop. "My dad and I did woodworking projects together in 4-H," she says. "He's my go-to" for such a project. Her father, Wayne Yelden, is a cattle farmer; he and her mom, Nancy, were scheduled for a visit to the area, Tammy took advantage of the opportunity.

Dad "didn't know he'd spend most of the weekend in the garage," Trantham says. The result: a handsome heavy-duty plastic sheeting material installed over a wooden frame that can withstand the varied weather conditions of the Ozarks. Its counter folds out to reveal display space under the counter space behind sliding doors.

Half is open, but three shelves built into the other side hold reference books and handout materials.



Dr. Chris Barnhart, Butterfly House Coordinator and distinguished professor of biology at Missouri State University, has known Trantham since she was a graduate student at MSU.

"Some people see a need and shrug," Barnhart says. "Others complain. But some actually do something to fill the need. We are thankful that Tammy filled our need."

Trantham has recently taken on the task of scheduling 40-50 volunteers each month to staff the roughly 65 hours a week the house is open to the public.

"She ensures we have appropriate coverage for the almost 40,000 annual visitors to this popular attraction," say Lisa Bakerink FOG executive director.

William Aldrich is FOG's Garden Volunteer Liaison. He profiles noteworthy volunteers as a regular feature. Reach him at Info@FriendsoftheGarden.org.



'Learn to Grow in the Garden' classes begin June 11

Potting Shed University wrapped up an excellent series in early May, just in time for a new monthly series beginning June 11 through October to help individuals improve their gardening skills.

All of the sessions will run from 6-7 p.m. on Mondays in the Springfield-Greene County Botanical Center, 2400 S. Scenic, Springfield. Instructors are either professionals or advanced presenters with best practices to share. More information is at 417-891-1515. Cost is \$5 per person per class, payable at the door. Registration starts at 5:30 p.m., 30 minutes before each class.

Here's the itinerary:

• **June 11: Roses take center stage with Master Gardener Bill Aldrich**, curator of the Springfield Botanical Gardens' Rose Garden. Bill will discuss how to succeed with garden roses – from those that care for themselves to those that take more than a little nurturing. Weather permitting, participants will get to meet our newest “treasure,” the Elizabeth of Glamis Rose, during a tour of the rose garden.

• **July 9: Container Water Gardening with Linda Siler**, Water Garden Specialist at Wickman's Garden Center. Linda will present a program about water gardening container style.

• **Aug. 13: Learn about Crepe Myrtles with Becky Nicholas**, Garden Center and Landscape Designer from Wickman's Garden Village. Becky will share information about the types and care of these lovely hot-weather bloomers.

• **Sept. 10: Twilight Gardens with Katie Keith**, Botanical Center coordinator. Learn about the most fragrant and vibrant plants at sunrise and sunset, garden accessories and building materials that will help you maximize the use of your great outdoor room.

• **Oct. 8: Creating A Garden Sanctuary** with Master Gardener Tom Lakowske, president of the Greater Ozarks Hosta Society. Tom will share ideas and inspirations for your garden, building better paths, rooms, beds, and borders as well as tricks to make your garden appear larger, six gazebo tips, and how to add finishing touches.

The Master Gardener program is a statewide volunteer community service organization administered through University of Missouri Extension. Learn more online at MGGreene.org or contact the MU Extension Center in Greene County at 417-881-8909.

From the President:

Butterfly House observes 10th year

If it seems like there is always something to celebrate in the gardens, maybe it's because of the phenomenal involvement of so many volunteers.

From 9 a.m. to 3 p.m. on Saturday, June 23, for example, the gardens will be alive with visitors enjoying the 10th annual Butterfly Festival, which coincides with the opening of the Dr. Bill Roston Native Butterfly House. In butterfly years, that's 10 lifetimes (or in some cases more, to be totally accurate).



Kim Chaffin

At the same time, Master Gardeners will be reaching out to our youngest visitors during the Young Sprouts event. These two events were merged several years ago.

We have so many volunteers to thank for making these events a success. It takes approximately a hundred volunteers to stage the festival, and many more representing the many partner organizations sharing information about their activities. In fact, it takes all of us to do the

chores that make our gardens the most popular destination in Springfield year after year.

From the first year, Dr. Chris and Debra Barnhart have worked with some volunteers to staff the butterfly house. This year, 126 docents have signed up for training to help keep the house open every day. Some also make sure we have plenty of native butterflies and moths by caring for the eggs at home until they hatch. It also requires plenty of host plants growing in the house, as well as in the butterfly garden nearby and in the Butterfly Cafe.

It takes real dedication to “raise” butterflies each year. Chris estimates it takes population of 70-100 butterflies at any one time. Many adult butterflies only live a couple of weeks, so they must constantly be replenished. Once they lay their eggs, their work is done.

It takes three or four “generations” of adult Monarch butterflies to migrate north from just a small region of Mexico, and then one more generation to make the return trip. But as many of us have learned (nearly 40,000 visitors to the house in 2017 alone), butterflies and moths start as an egg, hatch into a caterpillar, and spend time as a chrysalis before emerging almost magically from their pupa to continue life as a butterfly anew.

Each variety requires a specific host plant for the eggs and caterpillars. Nearly 30 varieties are native to the Ozarks. Other nectar-producing plants feed the butterflies, and each of the plants must be grown in sufficient supply to keep the cycle going. It takes volunteers to grow the plants, “hatch” the eggs, and deliver them in various stages to the house.

This year, MU Extension Horticulture Educator Kelly McGowan (who just completed her Master's Degree through the University of Missouri), has embarked on a search for the Ozark Woodland Swallowtail Butterfly (*Papilio joonae*), which are also native to the Ozarks, and are rare to see.

You might keep an eye out.

Kim Chaffin is president of Friends of the Garden. Reach her by e-mail at Info@FriendsOfTheGarden.org, follow us on Facebook at Friends of the Garden, on [Instagram@SGFBot](https://www.instagram.com/SGFBot), or on [Twitter @SGFBot](https://twitter.com/SGFBot).



Fans of Melinda Mullins enjoy the first concert of 2018 Sounds of Summer Concert Series sponsored by Central Bank and Central Trust. The remaining schedule through Oct. 28 is on page 8 of this newsletter.

Photo by Lisa Bakerink

Face painting, costume contest, pollinator parade, magic and music

Continued from front page

It takes hundreds of volunteers to raise and care for thousands of caterpillars, moths, and butterflies throughout the year to make this unique exhibit possible.

At Young Sprouts, there will be gardening activities to create butterfly and nature-related crafts led by Master Gardeners. And if you want, you can even have your face painted like your favorite pollinator.

Children 10 and under are invited to walk the stage in the Pollinator Costume Contest at 11 a.m. Come dressed as your favorite butterfly, caterpillar, or other pollinator and register at the check-in table by 10:45 a.m. The contest is traditionally followed by the Pollinator Parade made up of all the contestants.

Unique outdoor home and garden items will be available from area vendors, including Ozark Soul Native Plants and Landscaping, Smiling Sun Gardens, Step Up for Tea, Master Gardeners of Greene County, Springfield Area Herb Society, City of Springfield Environmental Services, Cox South Trauma Services, Mudbug Creations, Amanda Clavins' Owl Origami, Eden's Flower Truck, and more.

At 9:30 a.m. and again at 2 p.m., listen to a story read by staffers at the



Springfield-Greene County Library District. Watch in awe as The Instars perform their Butterfly Magic Show at 10 a.m. and 1 p.m. and relax to the music by students at the Conservatory of the Ozarks concert at Noon.

Adults are invited to attend workshops led by Springfield-Greene County Botanical Center Coordinator Katie Keith. Learn about backyard butterflies at 10 a.m.; take a tour focused on planting for pollinators at Noon; and at 2 p.m., get a perspective on the problems butterflies face that are caused by people, predators, and pests.

All ages are needed to help count butterflies at the Kickapoo Edge Prairie with Ric Mayer of Missouri Prairie Foundation and Dorothy

Thurman, Roston Butterfly House Docent. The numbers are recorded to monitor butterfly populations each year.

Enjoy free admission to the widely acclaimed **Mizumoto Japanese Stroll Garden** (normally \$4 per person; but free to FOG members), and tours of the historic **Gray-Campbell Farmstead** and Liberty School.

The evening culminates at 7:30 p.m. with a free **Sounds of Summer Concert** by Izabel Crane (formerly Bella Donna) at the Peace through People Pavilion.

Volunteers are needed to ensure the event runs smoothly, but you don't have to be a FOG member to lend a hand. If you are interested, please sign up at **FriendsoftheGarden.org**.

Friends of the Garden is proud to partner with many different groups which make the Butterfly Festival possible, including **Springfield-Greene County Park Board**.

The Butterfly Festival is also made possible by the City of Springfield Environmental Services, Brain Balance Achievement Centers, Renewal by Andersen, Wyndham Springfield, and Dr. Dan and Susan O. Cardwell.

For more information, please visit **FriendsoftheGarden.org**. You may also call 417-891-1515 or by e-mail, **Info@FriendsoftheGarden.org**.

Memberships, memorials, tributes and garden donations*

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*Indicates renewing members. If you see a correction, please bring it to our attention at Info@FriendsOfTheGarden.org

Cookbook is a hit with gourmets and gourmands, now in the Botanical Boutique

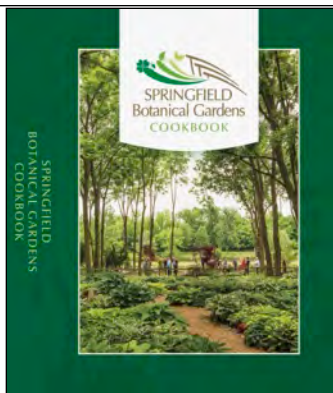
The first time you sit down to nosh on a recipe from the first-ever Springfield Botanical Gardens Cookbook, think a kind thought on behalf of Joan Bowen, Debi Hunget, Jan Hayden, Pat Swackhammer, Angela Keith and Maryfrances DiGirolamo.

The limited-edition is selling like Lemon Whippersnappers (submitted by Susan Litchy, Ever Green Garden Club).

Although we couldn't find a single recipe for hot cakes, there are more than 300 recipes for quiches, breakfast casseroles, and even Venison Tenderloin with Mushroom and Onion Gravy (Angela Keith, Master Gardener and Botanical Center staff).

If anyone tries the Elephant Stew (Earl Whitman) on page 187, please let us know how it turns out.

The recipe requires extended preparation time, but it serves 3,800 of your closest friends. Folks, we don't make this stuff up, although we can't vouch for Earl.



The cover photo by Aaron J. Scott is of our nationally recognized Hosta Gardens.

Only a limited number of these cookbooks are available at the Botanical Boutique inside the Botanical Center. Included is a collection of garden photos by Aaron J. Scott (see cover photo at left) The cost is \$20.

Categories include appetizers and beverages, soups and salads, vegetables and side dishes, main dishes, breads and rolls, desserts, cookies and candy, and This and That.

MaryFrances DiGirolamo even prepared a list of recommended wines to go with certain dishes. There are also several pages of cooking terms, microwave hints, conversion tables, instructions for folding fine cloth napkins, and substitutions if, say, you are unable to find fresh elephant.

"We are blessed with members and friends who have many talents, and that includes cooking," says Lisa Bakerink, FOG executive director. "Anyone who comes to any of our events knows gardeners take their food seriously."

Verrrry seriously.

Newsletter produced by FOG board member George Freeman, Editor of Ozarks Living Magazine and OzarksLiving.com.



Friends OF THE GARDEN

Bringing People, Nature & Gardens Together

We are individuals, families and businesses who support Springfield Botanical Gardens in its mission to provide outstanding botanical, horticultural, environmental and educational opportunities for people of all ages. Anyone with an interest in nature who wishes to support the progress of the gardens is encouraged to join. **As a member, you're a partner in the future of the gardens.** As a volunteer nonprofit organization, we rely on membership and donations to make the gardens and FOG activities possible.

Join online at
friendsofthegarden.org!



Membership Benefits

- Subscription to Ozarks Living Magazine, which includes the FOG Newsletter
- Complimentary admission to the Mizumoto Japanese Stroll Garden (excluding the Fall Festival)
- Discounts at the Botanical Center gift shop and select local businesses
- Free or reduced admission to American Horticultural Society member gardens across the country
- Invitations to special gardening events
- Volunteering and education opportunities
- Donations are fully tax deductible

I would like to volunteer:

- ☐ in the gardens at the park
- ☐ in the FOG office
- ☐ in the Botanical Center
- ☐ at events: FOG booth
- ☐ at events: activities
- ☐ at children's activities
- ☐ as a Butterfly House docent
- ☐ in marketing/development
- ☐ in hardscaping/construction
- ☐ tell me what you need!
- ☐ I have a special talent:

Membership Levels

- ☐ \$35—Individual
- ☐ \$45—Individual Plus
(Individual plus guest)
- ☐ \$50—Family
(Three or more)
- ☐ \$100—Garden Friend
(Includes the option to give one additional gift membership)
- ☐ \$250—Garden Contributor
(Includes the option to give three additional gift memberships)
- ☐ \$500—Garden Ambassador
(Includes the option to give six additional gift memberships)

Member Information

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CITY:
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☐ This membership is a gift: ☐ Wedding ☐ Birthday ☐ Holiday ☐ Gift Renewal
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Questions? Call (417) 874-2952, email info@friendsofthegarden.org, or go to friendsofthegarden.org

Corporate Sponsorships

Individual gardens, features and attractions are available for corporate sponsorship. Please inquire at info@friendsofthegarden.org for more information.

Climate Chaos:

“In 2018, the Springfield Botanical Gardens recorded the first bloom dates to be at least three weeks and in some cases, six weeks behind the average bloom date, based primarily on below average temperatures”



Katie Keith helps young visitors harvest potatoes in the Gray-Campbell Farmstead garden in 2016.

Photo by George Freeman

It is OK to believe in Climate Chaos.

You could have heard a pin drop when an esteemed climatologist announced to a ballroom full of ambitious and optimistic public garden staff that, “You are not going to change the climate or stop global warming, but you can adapt.”

What a defeated blow – most public gardens have a mission that includes topics of education and planet stewardship. We want to make a difference!

While this announcement happened nearly a decade ago, I continue to struggle with interpreting plant advice when it comes to the weather. After experiencing one of the top five coldest Aprils on record in the Ozarks, it is very difficult to say the words “global warming.”



A Parks Perspective:
Katie Keith

It just doesn't seem to fit our experience. Even the term, “climate change” suggests we've moved into something else, but the constant change for me makes it inconclusive. Therefore, I believe the issue we are facing is actually called, “climate chaos.”

This is not my term, but the term I can relate to when talking about what we are facing in the gardens.

Because our plants' survival is highly linked to the weather, I'd like to share how botanical gardens are a valuable resource in these uncertain times.

One thing I hope visitors will be able to take away from a visit at the Springfield Botanical Gardens is how to be a good steward, adapt, and understand that the choices they make do make a difference in our community, even if doesn't push the needle on the climate.

In 2018, the Springfield Botanical Gardens recorded the first bloom dates to be at least three weeks and in some cases, six weeks behind the average bloom date, based primarily on below average temperatures.

Botanical gardens serve the community in many ways, including a certain understanding of phenology – knowledge related to the cyclic and seasonal natural phenomena, especially in relation to climate and plant and animal life.

People want to know how plants are responding to the weather. People want to see butterflies before there are leaves to feed the caterpillar larvae. People want to know what time they should expect the peak bloom on cherries, dogwoods and azaleas. People want to know if they can push the hardiness zone map and successfully grow tropical plants in a more northern latitude.

Unfortunately, I am learning that climate chaos calls for adaptation. The gardens are teaching us each year about best performing cultivars, which species thrive through all weather extremes.

Our Winter Garden, for example, offers many alternatives including witch hazels, magnolias, quince and evergreens that were not significantly impacted by our weather this season and offered early color where the redbuds did not.

Maybe surprisingly, descriptions often worry that temperature is the greatest threat, but flooding is probably the area of biggest concern.

More people die from floods than from any other weather event. Flood damage claims cost more than any other disaster. A couple of significant storm water improvement grants along South Creek have helped resolve some of the major flooding issues that had been experienced on Scenic Ave.

Some of the adaptations you will see around the garden are replacing some of the pea-gravel pathways with paved hard surface, especially at the Peter Longley English Garden and Federated Garden Clubs Perennial Quad. As part of the master plan process, we are also adapting some of our single collection gardens with a more diversified landscape to maintain interest in all seasons.

If you would like to understand more about the operations of the gardens, please let me know and I will invite you to the Friends of the Garden, Garden Committee meeting.

Katie Keith is coordinator of the Springfield Botanical Center at the Springfield Botanical Gardens, 2400 S. Scenic, Springfield, Mo., and an

Take the right turn to get to enjoy the Springfield Botanical Gardens



Save these dates: Happenings for Ozarks gardeners*

- **Mid-June through July:** Eagle Eye Camera Club Photo Exhibit.
- **June 3:** 2 p.m., Sounds of Summer Concert Series with Auntie Em and the Tornados, PTP Pavilion.
- **June 8:** 10 a.m.-Noon; Fantastic Friday with Springfield-Greene County Library's Book Mobile.
- **June 8:** 7:30 p.m.; Family Fridays in the Garden – Sunset Stroll.
- **June 10:** 2 p.m., Sounds of Summer Outdoor Concert Series with Liz Moriondo, PTP Pavilion.
- **July 12,** 5 p.m., Friends of the Garden Board meets.
- **June 22:** 7:30 p.m.; Family Fridays in the Garden.
- **June 23:** 9 a.m.-3 p.m.; Butterfly Festival and Young Sprouts in the Garden.
- **June 23:** 10 a.m.-3 p.m.; Daylily Display by Ozark Daylily Society.
- **June 23:** 7:30 p.m.; Sounds of Summer Concert Series with Izabel Crane, PTP Pavilion.
- **June 24:** 2 p.m.; Sounds of Summer Concert Series with Bill Haymes, PTP Pavilion.
- **July 6:** 8 a.m.-5 p.m.; Family Fridays in the Garden – Neat Natives.
- **July 10:** 6 p.m.-8 p.m.; National Teddy Bear Picnic.
- **July 20:** 7:30 p.m.; Family Fridays in the Garden – From Trail of Tears to Greenway Trail.
- **July 24:** 4 p.m.; Second Annual Tomato Expo and Workshops (6-8 pm.; \$10 per person.)
- **Aug. 9:** 5 p.m., Friends of the Garden Board meets.
- **Aug. 17:** 6:30 p.m.-9:30 p.m.; Insect-o-rama at the Springfield Conservation Nature Center.

*Unless otherwise noted, all events are at the Springfield Botanical Center. Send garden-related events to News@FriendsOfTheGarden.org, or find us on Facebook and Twitter, or at www.fogcalendar.com. Friends of the Garden's "News FOG Blog" is at www.friendsofthegarden.org. To receive the latest news, send your e-mail address to Info@FriendsOfTheGarden.org.

Sounds of Summer Concert series:

Central Bank and Central Trust present Sounds of Summer, a free concert series throughout the summer of 2018, at the Peace through People Pavilion located within the Dogwood Garden.

Sounds of Summer offers area families a new way to enjoy the beautiful park.

Attendees are asked to bring their own lawn chairs and/or blankets for seating. Donations are encouraged and benefit the Springfield Botanical Gardens.

These concerts remain:

- **Sunday, June 3,** 2 p.m., Auntie Em & the Tornados.
- **Sunday, June 10,** 2 p.m., Liz Moriondo.
- **Sunday, June 17,** 2 p.m., CRS.
- **Saturday, June 23,** 7:30 p.m., Izabel Crane.
- **Sunday, June 24,** 2 p.m., Bill Haymes.

Sounds of Summer is organized by Friends of the Garden and Springfield Sister Cities Association. Funding for the concert series is made possible through Central Bank and Central Trust's sponsorship of the Dogwood Garden.

In the case of inclement weather, the concerts will move inside the Springfield-Greene County Botanical Center.

The Peace through People Pavilion was constructed in late 2016 to encourage more cultural performances and community events in the Springfield Botanical Gardens. The Pavilion furthers the Friends of the Garden mission to bring people, nature, and gardens together as well as the Springfield Sister Cities Association mission of Peace through People. Here is the fall schedule:

- **Sunday, Oct. 7,** 2 p.m., Molly Healey.
- **Sunday, Oct. 14,** 2 p.m., Casey Freeland & Attaboys.
- **Sunday, Oct. 21,** 2 p.m., Shaun Munday.
- **Sunday, Oct. 28,** 2 p.m., Dallas Jones.