



Branches

The newsletter for members and friends of the University of Tennessee Arboretum Society

UTAS Fall Plant Sale

Saturday, October 21st from 9 AM to 2 PM



The UT Arboretum annual fall plant sale will be held on Saturday October 21st from 9 AM to 2 PM at the UT Arboretum. Follow the signs to the Program Shelter. Our regular vendors, [Beaver Creek Nursery](#) and [Riverdale Nursery](#), Knoxville; [East Fork Nursery](#), Sevierville; and [Sunlight Gardens](#), Andersonville will be there providing high quality plants, helping support the Arboretum and UTAS. We'll also have plants from the UT Arboretum Society's members and friends. **Dr. Will Witte**, the Society's "Answer Man," will be there to answer all of your plant questions and help you choose items suitable for your particular circumstances. Brad Greenwood Designs will be returning with botanically themed copper garden ornaments and steel features for the home and yard. Hot dog and lemonade from **Dano's Hot Dogs** will be available right there at the shelter. Proceeds from this sale and other Society events go to support and secure the future of the UT Arboretum in Oak Ridge. You can also purchase a membership or renew your membership to the University of Tennessee Arboretum Society while at the Fall Sale. We accept cash, check, and **credit cards during the plant sale.**

UT Arboretum Annual Meeting Dinner & Silent Auction Fundraising Event

Monday, October 16th, 6 PM to 9 PM at the Elks Club (Oak Ridge)

The dinner cost is \$30 per person and there will be a cash bar. Dinner reservations are required and can be made through **Pat Row**, 482-9096, patrow@comcast.net. The deadline for reservations will be Monday, October 9th. This is currently the only time the UTAS membership and those supporting the UT Arboretum can get together to mingle. **This event is open to everyone. You do not have to be a member to attend the event.** There will be time to browse silent auction items before the dinner buffet begins at 7 PM. Please remember that the Silent Auction is the only way we raise money at this dinner, and **all proceeds go to support the UT Arboretum.** After dinner there will be a very brief business meeting and we will get to enjoy a special guest speaker, Kathryn Aalto. Pay at the door \$30 (cash, check, credit card). Payment expected for reservations not cancelled on or before October 9th.

***See page 4** for details about our dinner event speaker and topic.

Director's Desk

As I sit here at my desk sadly pondering the end of summer, I can't help but to anticipate the impending fall weather, cool brisk mornings and multitude of changing leaf colors that will soon be felt and seen throughout the UT Arboretum. Reflecting back on the summer of 2017, it is clear that the combined team work of UT Arboretum Society volunteers, the UT Forest Resources AgResearch, and Education staff have both supported the successful launch of several new programming efforts and the completion of a couple of important infrastructure and safety-related projects.

The month of June brought Einstein Simplified to the auditorium for an evening of comedy and wine tasting. Also in late June, two large Tulip poplar trees died near the program shelter and were safely taken down by the FRREC staff (and subsequently hauled to a local sawmill for much-needed revenue generation). The month of July brought a "much larger" than expected Butterfly Festival, with a crowd of 1000+ attendees and the associated challenge to park over 250+ cars in the vicinity of the auditorium and program shelter. UTAS volunteers and the FRREC staff worked together to safely park the heavy traffic flow in short order. The expansion of the auditorium parking lot was also completed this past July, and we can now park 80+ cars on gravel and provide a much-needed nighttime source of lighting to cover the entire lot. The month of August brought two highly successful eclipse-related programs as an opportunity to learn about and experience the "totality" of a solar eclipse. The FRREC crew also completed the rebuilding of the Arboretum greenhouse "west wall and associated entry doors" in August, and we now hope to be able to replace the decrepit plastic outer skin of the building by next spring.

As I think about the future, I remain focused on continuing to work with the UT Arboretum Society on building our membership base, enhancing our programming & outreach efforts, maintaining and improving the Arboretum infrastructure, and growing our endowment. I truly believe that now that we have the "bricks and mortar" of the UT Arboretum Auditorium and the hiring of Ms. Michelle Campanis, Arboretum Education Program Coordinator has been completed, that we will attain our long-term goals, initiatives, and yet-to-be discovered future opportunities.

Kevin P. Hoyt - Director
September 11, 2017



Kevin P. Hoyt - Director

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Ex Officio: Michelle Campanis

President's Message

In the last few weeks, there have been several things in my life that have given me pause for reflection about the state of our planet. One is, of course, the catastrophic hurricanes Harvey and Irma. Another was seeing Al Gore's latest documentary on climate change, "An Inconvenient Sequel." And a third thing was hearing an elderly friend remark that he didn't know what to do with his visiting grandchildren and was relieved when they immediately got on their tablets, thus allowing him to get back to his computer.

All of these things have made me wonder what I can do about protecting our planet and reversing some of the damage that humankind has caused just in my lifetime. So I made a donation to the Red Cross for the hurricane victims and another donation to an environmental organization working on climate issues. But I keep thinking about what I can do that is more actively involved than just writing a check. I am a firm believer in the adage "Think globally, act locally."

I believe that places like our UT Arboretum are sanctuaries where we can rekindle our love of nature and share it with the next generations. If your children and grandchildren are too wrapped up in their electronic devices, bring them to the Arboretum for an easy hike on one of our seven miles of trails. We will soon have some new signage that will explain the diversity of what can be seen there, like sinkholes and cypress knees. Thank you Strata-G for generously donating the signs and donating your time to help create, install, and maintain the signs.

Volunteer your time to help with one of our environmentally-themed lectures – or simply attend and bring a friend. When it's time to renew your membership, make an extra donation to our world-famous holly collection or to an Arboretum project you endorse, like bench plaques. Sign up for one or both of our upcoming workshops to make seasonal decorations using materials in nature. Attend our annual dinner to hear a *New York Times* best-selling author talk about her love of nature in Winnie-the-Pooh's Hundred Acre Wood. In short, help us raise friends and funds for an Oak Ridge treasure that is open to all free of charge, 365 days a year.

~Janet Bigelow

Native Plant Committee Report



The Native Plant Group will be meeting on the 1st and 3rd Wednesday mornings this October and November @ 9 AM. If you would like to join us on a given Wednesday morning, please come by the Arboretum. Don't forget to bring gloves and tools; we will be working to maintain the grounds around the Visitor Center.

Contact Lee Ann Dobbs at 865-482-6656 if you would like more information.

Trails Committee Report

The committee currently consists of Don Williams, Charles Samuels, Tim Bigelow, Samuel Peyton, and Ted Ragsdale. The Committee will be **holding a trail maintenance work day on November 18 from 8 AM to Noon**. If you would like to help at the work day, know some teens that would like to volunteer for service hours, or might know of a group or organization that can help us with trail maintenance please **contact Don Williams** at donwilliams54@gmail.com or at 865-603-4310 for more information.



Silent Auction Items Needed



The **Silent Auction** is always popular, and we need donations for this fund raiser. Some items from previous auctions include gardening tools, plants, and bulbs; garden-themed items like birdhouses, fountains, sculptures, books, and wind chimes; gift certificates to area restaurants or garden centers like Willow Ridge; handmade crafts including woodwork or paper good; and beer, wine, and food items. All proceeds go to help support our Arboretum. **Contact Pat Row**, 482-9096, patrow@comcast.net, with your donation information.



Holly Task Force Committee Report

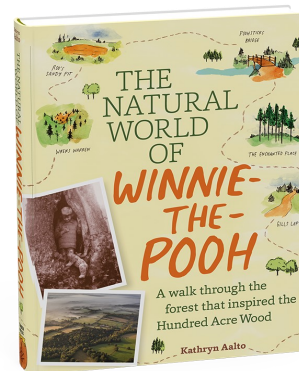
HOLLY DAYS ARE HERE AGAIN / Holly Maintenance scheduled for Saturday October 14, 2017; 9:00 am-Noon

UT Arboretum Society members and friends of the Elmore Holly Collection are invited to join the Holly Task Force for a morning of pruning and mulching the Crenata holly collection. This group of Japanese hollies in the center of the Elmore Holly Collection has matured to the point where the hollies have overgrown and are covering the original sign posts. This is a large undertaking so we will only prune lower branches where the sign posts are obstructed and will mulch under as best as possible. Dr. Will Witte will be on hand to direct proper pruning activities. Dennis Superczynski will send reminders to board members and volunteers that have supported the Elmore Holly Collection requesting an RSVP. This is necessary to determine the quantity of mulch to be delivered to the site and extent of the project. Bring gloves, pruning shears, and pitch fork if available. Tools and carts will also be provided by the arboretum grounds staff. This will also be an opportunity collect holly branches for use in your fall and Christmas arrangements. We will also be collecting select holly branches for Michelle Campanis for a workshop she will be leading on October 24 using natural materials to create fall arrangements in pumpkins. Please see details in a separate article in this issue of Branches. Fran Scheidt, who has been diligently maintaining records for the holly collection will also select several potted holly varieties that have been maturing in the UT greenhouse for planting in the Elmore Holly Collection. These will replace some of the young hollies we lost last summer due to our dry and hot weather conditions in 2016. Complementary holly information booklets from the Holly Society of America for identifying and caring for hollies will be made available to volunteers, and Dr. Witte will offer a limited supply of free holly plants he propagated from the Korean Holly research study located at the arboretum. We appreciate your volunteer efforts growing and maintaining the Elmore Holly Collection at the University of Tennessee Arboretum. **The Holly Task Force:** Carmen Gianforte, Josie Gianforte, Fran Scheidt, Mike Stansberry, Dennis Superczynski, Jan Superczynski, and Dr. Will Witte.

New York Times' Bestselling Author Kathryn Aalto will be the Guest Speaker for the UTAS Annual Meeting/Dinner on October 16th!



Kathryn Aalto is a landscape designer, garden historian, writing lecturer, and New York Times' bestselling author. For the past twenty-five years her focus has been on places where nature and culture intersect: teaching literature of nature and place, designing gardens, and writing about the natural world. At our annual meeting Aalto will tell us what we can learn from studying the intersection of nature and culture based on her book *The Natural World of Winnie-the-Pooh*. A. A. Milne's classic tales, *Winnie-the-Pooh* and *The House at Pooh Corner*, have delighted readers for nearly a century. The story's characters -- Pooh, Tigger, Eeyore, and the rest of the gang -- are famous, **but how much do we know about the setting, the Hundred Acre Wood?** Find out at the UTAS annual meeting.



In addition to her lecture at the UTAS Annual Dinner, The UT Arboretum Society is hosting Ms. Aalto for a lecture and a book signing, *The Natural World of Winnie-the-Pooh*. It will be held Tuesday, October 17th from 7 PM to 8 PM at **Roane State Community College (Oak Ridge Campus) in the City Room.**

Calendar of Events



Holly Work Day

Saturday October 14, 9AM to Noon @ Elmore Holly Collection
Join the Holly Task Force for a morning of pruning, mulching, and other tasks for the Elmore Holly Collection. Bring gloves, pruning shears, a goose neck rake, and pitch fork if available. Tools and carts will be provided.

UTAS Annual Meeting/Dinner /& Silent Auction at Elks Club (Oak Ridge)



Monday, October 16, 6 PM to 9 PM
\$30 per person – buffet dinner reservations are required and can be made through **Pat Row**, 482-9096, patrow@comcast.net. The deadline for reservations will be October 9, 2017. This is a members meeting, dinner, and silent auction event all wrapped up into one. The event is open to everyone (members & non-members). Come support the UT Arboretum and enjoy the festivities with fellow nature enthusiasts. All auction proceeds go to support the Arboretum. After dinner and a very brief business meeting, Kathryn Aalto will speak. See page 4 for details on the speaker. Pay at the door \$30 (cash, check, credit card). Payment expected for reservations not cancelled on or before October 9.



Lecture/Book Signing with Kathryn Aalto

Tuesday, October 17, 7 PM to 8 PM
Roane State Community College (Oak Ridge Campus)
Kathryn Aalto will be giving a lecture about the intersection of nature and culture based on her book *The Natural World of Winnie-the-Pooh*. It will be a lecture and book signing event. It will be held in the City Room at the Roane State Community Campus in Oak Ridge.

Fall Plant Sale

Saturday, October 21, 9 AM to 2 PM
Program Shelter at UT Arboretum
Plant vendors [Beaver Creek Nursery](#), [Riverdale Nursery](#), [East Fork Nursery](#), & [Sunlight Gardens](#), will be at our Fall Plant Sale. We'll also have plants from UTAS members & friends. Brad Greenwood Designs will be returning with botanically themed copper garden ornaments and steel features for the home and yard. **Dr. Will Witte**, will be there to answer all of your plant questions. **Dano's Hot Dogs** will also be there selling food/drinks. Credit cards accepted



Make & Take Pumpkin Center Piece



Tuesday, October 24th, 10 a.m.-noon
Program Shelter
Join Michelle Campanis to make your own centerpiece in a fresh pumpkin. We will look at ideas and examples of fall themed centerpieces using pumpkins, gourds, veggies etc. Materials supplied. **\$25 class fee**- Registration required- Class limited to 20 participants. Please contact Janet Bigelow to register and for payment information 865-675-3822 or janet_bigelow@tds.net

The Bats of Tennessee -All 16 Species Event

Thursday, November 2, 6:30-8pm

@ UT Arboretum Auditorium

Most of us know that bats eat mosquitoes and help pollinate plants. Join us as Pandy English, Assistant Chief of Biodiversity for the Tennessee Wildlife Resources Agency teaches all the other wonderful benefits of bats and what we can do to protect and help our 16 species of bats in Tennessee thrive! Pandy will have a PowerPoint, bat activities and bat box. It's BAT Time at the UT Arboretum! This is a family friendly program.



Seven Classic American Naturalists Presentation

Tuesday, Nov 7, 6:30 PM to 8 PM

@ UT Arboretum Auditorium

Randy K. Hammer, a certified naturalist and senior minister at Chapel On The Hill Church will give a presentation on the lives, thought, major written works, and contributions to America's natural history studies and conservation and environmental movements of America's prominent naturalists. Participants will be introduced to the following American naturalists: William Bartram, John James Audubon, Henry David Thoreau, John Burroughs, Aldo Leopold, John Muir, and Rachel Carson. The workshop will cover brief biographical sketches of these naturalists; some ways that they influenced each other, as well as the establishment of America's national parks system; and famous quotations from some of their works.

Brunch & Learn-Seasonal Designs from your Garden

w/ Michelle Campanis, UT Arboretum Education Coordinator.

Thursday, November 16, 10 a.m.-11:30 a.m.

Join the UT Arboretum Society for a light brunch and demonstration of ideas for wreathes and seasonal centerpieces using materials from the garden and home landscape. **Class fee \$10**, registration required. Please contact Janet Bigelow to register and for payment information 865-675-3822 or janet_bigelow@tds.net



Trail Maintenance Work Day

November 18, 8 AM to Noon

If you are interested in coming to help please contact Don Williams at donrwilliams54@gmail.com or at 865-603-4310



Work On UTAS Float for Oak Ridge Parade

December 8, 9:00-1:00 @Shop (UT Arboretum)
The 2017 theme will be "Toyland Christmas". Volunteers needed. Lunch will be provided. Large toys (stuffed animals, wagons, etc.) are needed to decorate the float. If you have large toys (big enough to be seen on a float) please contact Lynda to arrange loaning them for the float. So if you would like to help with float decorating, loaning toys, or handing out candy at the parade please contact **Lynda Haynes** at 483-0525, lyndaandchuck@bellsouth.net



Oak Ridge Christmas Parade

Saturday, December 9, beginning at 6 PM

New Year's Day Hike

January 1, 2018 at 9:30-11:00, Auditorium



Bringing Nature Home-Plan a Garden and Plan a Wildlife Habitat Right Outside Your Door

By Michelle Campanis

Fall is really the perfect time for planting. Preparing our garden to be a habitat for pollinators and wildlife gives us different criteria than we may have traditionally used for winterizing our gardens. I attended the Cullowhee Native Plant Conference in August and the keynote speakers all stressed the critical role the home gardener plays in providing habitat and forage for native wildlife and insects. Dr. Douglas Tallamy, one of my favorite presenters, has written an informative book called *BRINGING NATURE HOME-How Native Plants Sustain Wildlife in Our Gardens*. The home garden serves different purposes for different people, but with a little planning every home garden can also serve as a wildlife habitat. One of the provocative questions Dr. Tallamy asked the audience was “are you planting a landscape or a deadscape?”



There has been a drastic decline in native bird, insect, and pollinator populations in recent years. One of the reasons is loss of habitat. When habitat is lost to development both the commercial and home landscaper often do not consider the native bird and pollinator population when choosing the plants they install. All plants are not equal for providing forage and habitat for our native pollinators and birds. Birds and pollinators have very specific habitat and forage requirements which are met best by native plants. Even if a garden is full of trees and lovely flowers it may be a “deadscape” for purposes of forage and habitat. Many non-natives were brought in as ornamentals to be pest free. Early 20th century agriculture extension bulletins declare “we must win the war on insects”. Today we are experiencing the potentially catastrophic results of winning that war as butterflies, birds, native bees, and other pollinators are in decline... Adult birds are more adaptable and may eat the fruits of nonnative plants. Most insects are not so adaptable and do not feed on nonnatives. With fewer insects baby birds starve and we are seeing the impact of that as bird populations are plummeting. Invasive plants are nonnatives that have escaped cultivation and overrun and crowd out native plants. Many of us want to support wildlife and pollinators we just have not realized the impact of going to the plant nursery and choosing a lovely butterfly bush. You may see butterflies all over a butterfly bush but it has almost no nectar and food value for them. Butterfly weed and native milk weeds are much more beneficial as nectar and host plants. I recommend reading *BRINGING NATURE HOME* to help learn many ways to increase your own gardens benefit to wildlife and pollinators. Additional resources-enter your zip code to get suggestions for your area: <http://www.nwf.org/NativePlantFinder/> <https://www.audubon.org/native-plants> and <http://www.audubon.org/news/10-plants-bird-friendly-yard>

Below are just a few examples of choices to benefit wildlife.

Native flowering plants:

Purple coneflowers-*Echinacea spp.*
Sunflowers-*Helianthus spp.*
Milkweed-*Asclepias spp.*

Native Vines:

Trumpet honeysuckle-*Lonicera sempervirens*
Virginia creeper- *Parthenocissus quinquefolia*

Larval Host plants

Oaks-*Quercus spp.*
Elderberry-*Sambucus Canadensis*
Hickories-*Carya spp.*

Nectar producing plants:

Trumpet Creeper-*Campsis radicans*
Buckeye-*Aesculus pavia, A. flava*
Great Blue lobelia- *Lobelia siphilitica*
Cardinal Flower-*Lobelia cardinalis*

Nutrient/long-lasting producing plants:

Little bluestem-*Andropogon scoparius*
Purple Coneflower-*Echinacea spp.*
Joe-Pye Weed-*Eutrochium fistulosum*
Black-eyed Susan-*Rudbeckia spp.*

Berry producing plants:

Flowering dogwood-*Cornus florida*
Serviceberry-*Amelanchier spp.*
Spicebush-*Lindera benzoin*

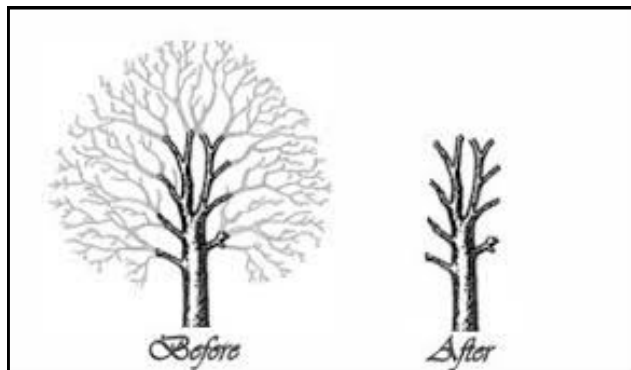
Below is a thoughtful adaption of Joyce Kilmer's poem *Trees* contributed by long-time member Eileen Neiler.

Ode to a Tree

by Eileen A. Neiler

(with apologies to Joyce Kilmer)

I think that I shall never see
A thing as ugly as a pollarded tree
A tree that once let many branches spread
How only now a rounded head!
No longer will its branches reach
Toward the blue and open sky
Inviting birds to come on by
Towards the shade,
Our path and footsteps once led,
We now hurry by and shake our head
How could someone be so mean?



Christmas Parade Float Volunteers Needed



UTAS and UTA will submit a float again this year in the 2017 Oak Ridge Christmas Parade. The Christmas parade will be held on Saturday, December 9 beginning at 6 PM. This will be our fifth year of participation. We won awards for our entries for the past three years. The 2017 theme will be "Toyland Christmas". Large toys (stuffed animals, wagons, etc.) are needed to decorate the float. If you have large toys (big enough to be seen on a float) please contact Lynda to arrange loaning them for the float. **Float organizers are specifically looking for volunteers to hand out candy from the float this year.** If you would like to do this please contact Lynda. *No candy will be handed out from the float unless enough volunteers sign up ahead of time to do this. So if you would like to help with float decorating, loaning toys, or handing out candy at the parade please contact **Lynda Haynes** at 483-0525, lyndaandchuck@bellsouth.net

Adopt-A-Stream Clean Up Session This Fall

The first clean up session was held in March. A second clean up session on the Scarboro Stream that flows through the UT Arboretum's property will be held this Fall after the first frost. (Details/images from the first clean up were in the Summer 2017 Branches). **If you are interested in participating in this program, please contact Lynda Haynes, 483-0525, lyndaandchuck@bellsouth.net.** This effort is in partnership with the City of Oak Ridge. To learn more about the Adopt A Stream Project visit <http://stormwater.oakridgetn.gov/adopt-a-stream-program/>

FIND THE BENCH PLAQUES!

Have you noticed the plaques on many of the benches scattered around the Arboretum? In 2015 the UT Institute of Agriculture granted the UT Arboretum the right to authorize and administer memorials and honorific recognitions on UTA grounds, specifically with plaques on wooden benches. The UTAS Board of Directors now administers this program. **For a \$500 donation to UTAS, the Patron level of membership, you too can have a memorial or honorific plaque installed on a bench at the Arboretum.** One of the first plaques was donated by Tim Bigelow and his wife Janet, current UTAS president, in memory of his parents, Laurie & John Bigelow. Tim said, "My parents lived in Oak Ridge for more than 50 years and loved their adopted home. It brings back fond memories of them whenever I walk by the bench with their names on it. I hope others will consider commemorating their loved ones in a similar fashion." Don & Janis Williams donated a plaque to recognize her parents, Kenny & Ray Wymer, as a surprise for Fathers' Day in 2016. Janis said, "We wanted to surprise my father with the plaque in memory of my mother and in honor of him. On Fathers' Day we took him on a walk in the Arboretum and seated him on the bench with the plaque. He was totally surprised and very touched by the recognition." The most recent of the 11 plaques was donated by Dennis and Jan Superczynski in memory of Harold Elmore. Dennis has been a long-time UTAS board member that included a term as president. He has organized many UTAS' tours to other gardens and currently leads the UTAS Holly Task Force. Dennis said, "Harold, UTAS President from 1985 - 1988, was the driving force behind the initiation of the Arboretum's Holly Collection that is now named after him. I knew him for many years and was inspired by his dedication to continue his work with the hollies. Donating a plaque in his memory is another way to acknowledge all the time and effort he gave to make the Holly Collection the national treasure that it is." If you are interested in honoring or memorializing someone with a bench plaque, contact Janet Bigelow at janet_bigelow@tds.net or 865-675-3822. Every donation helps UTAS continue our more than 50 years of support for the UT Arboretum so that this beautiful natural area can continue to be available for everyone to enjoy. And the next time you take a walk at the Arboretum see if you can find all 11 of the plaques! Below is a list of other plaques donated.

Donors	In memory or honor of:
Patty & Anna Phares	Their parents: Ed & Margaret Phares,
Janis & Don Williams	His parents: Doyle & Iva Williams
Joann Johnson	Her husband: Charles W. Johnson, Ph.D.
Ann Stewart & Sandy Holt	Their mother: Lorene Winkler French
Janet and Tim Bigelow	Her parents, Charles and Joyce Benziger
Jim Harless	His parents, James W. & Mary P. Harless
Emily & Charlie Jernigan, and John Etheridge	Emily and John's parents, Rolfe and Helen Eldridge
Mary Palmer, Lynn Dix, Vicki & David White, and Richard Stokes	Mark Palmer: Mary, Lynn, & Vicki's brother; David's brother-in-law, and Richard's son-in-law

Event Round Up



Jeff Holt (center, in baseball cap) discusses trees at his lecture.

When Good Trees Go Bad Lecture — Forester Jeff Holt knows his trees up and down, inside and outside, roots to canopies. His July 15th stroll around the upper Arboretum grounds, where he showed attendees which trees were in danger of collapse, sent many of us scurrying home to examine the weak points of the trees in our own yards. In fact, all of us began looking up constantly on the walk, warily eyeing branches that seemed “if-y” and moving out from under them. We appreciate, once again, Jeff’s willingness to share his extensive knowledge of the plant world with UTAS members. Watch the UTAS calendar for the next time that Jeff leads a hike. You are in for a tree-mendous experience!



This tree is not healthy!

A DAY IN THE DARK! SOLAR ECLIPSE 2017! with Janet Ivey



Channel 2 cameraman gets in the spirit!

For months we had been saying “the eclipse is coming, the eclipse is coming”! One of the things we were most excited about at the UT Arboretum was the special presentation at the UT Arboretum Auditorium on Thursday August 10th by awarding winning children’s television host and STEAM educator Janet Ivey. We had over 100 people join us to hear Janet’s lecture and presentation to prepare us on what to expect and how to be safe for the total eclipse on August 21. For many of us it was the first time we had heard of astronomer Francis Baily and Baily’s Beads! WKRN Channel 2 News from Nashville was on site for a special Live at 5 episode with Janet Ivey direct from the UT Arboretum Auditorium! Some of our young guests were interviewed live on the news about what they were learning about the total eclipse.



Janet teaches us how to make our own glow in the dark slime!

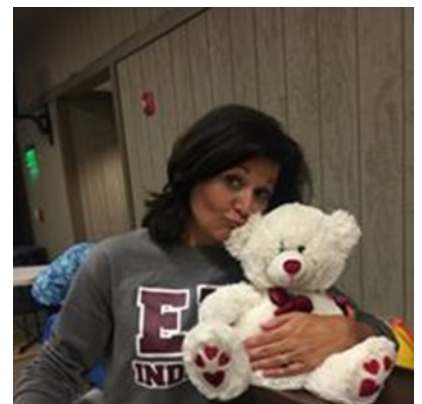
After the lecture portion of the evening kids of all ages stayed around for making Janet’s special recipe of glow in the dark slime and a launching homemade bottle rockets! It was an amazing evening-we don’t want to wait until the next eclipse to have Janet Ivey with us again!



The rockets really took off-a couple even ended up on the auditorium roof!

Janet Ivey’s Glow in the Dark Slime Recipe

1 cup HOT water
 Add -4 oz. of white or clear non-toxic glue
 Add-3 TBS glow in the dark paint -color of your choice (we like green)
 Add- 2 TBS Borax (add more borax if needed to thicken ‘slime’) to a separate and additional bowl of 1/3 cup warm water
 Mix borax solution with glue solution
 Store in plastic bag



One family brought Blizzard Bear complete with his own bucket list to go on the road with Janet Ivey!

Event Round Up

2nd Annual Butterfly Festival



Building on last year's success at our first Butterfly Festival, the UTAS Events Committee began planning this year's festival months before the July 29th date. Monarch butterflies were ordered from All-A-Flutter Farms in North Carolina, speakers were lined up, children's crafts were planned, food vendors and artisans were contacted, Boogertown Gap Old Time String Band was engaged, students were asked to man the UT Insect Zoo, and publicity went out to every site Melanie Staten could think of. Last year, we estimated we had a crowd of about 300 people, so we were bowled over by this year's attendance of over 1,000 people, carefully counted by greeters in the lower parking lot. The highlight of the day was perhaps the mass release of 100 Monarch butterflies at noon. The Events Committee is so grateful to all the dedicated volunteers who helped out with the festival, as well as to those people who stepped up unasked to help out with the crush of parents and kids doing crafts in the Program Shelter. Following a debriefing meeting where we received many helpful suggestions for improvement, we can guarantee that next year's festival will be even more spectacular!

More Images from the Butterfly Festival can be found in the online version of *Branches*



Labyrinth Finished!

A huge thank you to Randy and Ann Stewart for hosting the annual party at their home on July 11 for Board members and Task Force crews. Everyone was so excited this year to see their completed 7-circuit Santa Rosa labyrinth, a new focal point of their incredible garden paradise. The evening of wine and hors d'oeuvres in a beautiful setting was capped off with roasting marshmallows around a fire pit!

Leaf Print Workshop

On August 22, a dozen eager participants gathered under the Program Shelter for the popular leaf print workshop offered by UTAS Board member Kathy Fahey. This year, Kathy expanded her workshop to include instructions on how to make not only concrete birdbaths and butterfly puddlers but also stepping stones, as well. She was assisted by Lynda Haynes and Charlie Hensley, who helped everyone shape their creations while the quick-set concrete was still workable. While the projects hardened, everyone enjoyed their sack lunches in the air-conditioned comfort of the Auditorium and then left with a piece of yard art of their own creation. Many thanks to Kathy for the generous donation of her time, talent, and materials to this wonderful workshop! Other images from the Leaf Print Workshop can be found in the online version of *Branches*.



Kathy Fahey teaching how to make the craft

Event Round Up



Fall Wildflower Walk

In spite of a cool, misty morning on September 2, 22 people showed up for Kris Light's annual fall wildflower walk at Haw Ridge. The predominant colors of fall wildflowers are purple (like ironweed), yellow (like spreading false foxglove), and white (like white wingstem). Kris' knowledge of wildflowers is extensive, and her stories about the common names, uses, and origin of both native wildflowers and non-native invasive plants are captivating. Kris flags all the plants she will talk about the day before the walk, so there is no last-minute searching for specimens. And she uses a microphone on the trail so that even people at the back of the line can hear her commentary. Be sure to join Kris next spring for a memorable and easy walk!

Solar Eclipse Viewing at UT Arboretum – The total solar eclipse on August 21 was undoubtedly the most eagerly anticipated natural phenomenon of the year, and the Arboretum and UTAS were determined not to miss out on the excitement. Although Oak Ridge was on the outer edge of the path of totality, the public was invited to view the eclipse on the hill near the NOAA weather station. About 150 people showed up for this informal event. As darkness descended on the field, a chorus of cicadas could be heard amid the excited exclamations of the crowd. No one went home disappointed by Mother Nature's spectacular display. Thanks to Kevin Hoyt and his maintenance crew for grooming the large field and to Melanie Staten, Lynda Haynes, Don Searle, Gayle Givens, Janet Bigelow, and Michelle Campanis for helping with parking and greeting visitors

UTAS Life Members

Do you know that UTAS has Life Members? At one time membership in UTAS could be forever, with no further payment of dues required. Eventually the Bylaws were changed to retire the Life Membership for new members, but retained it for those who were already Life Members. Over the years some Life Members have died, so the number of Life Members has dwindled. Even people who have moved away are, however, still on our roster in that category. While Life members are not required to pay dues, many donate directly to UTAS or to the Arboretum Endowment Fund. Pat Hunsicker has been a life member longer than she can remember. In lieu of dues she donates to the Arboretum Endowment Fund each year. She says, "I don't need to donate to keep my membership in UTAS current, but I believe in the organization and want it to continue and to thrive. I feel that the best way I can contribute monetarily is by making a donation to UT's Arboretum Endowment Fund. That permanent fund helps to guarantee that the Arb will continue to be a place open to everyone to enjoy nature and to learn about plants." Marti Salk became a Life member almost by accident. She says, "One year I received an unexpected check as a Christmas present. When my UTAS dues notice arrived in early January (back then everyone's dues became due that month), I decided to join as a Life Member so I wouldn't have to worry about keeping track of when my dues were due the next time. I've never regretted that decision and have continue to make donations to UTAS as I was able." In addition to Pat and Marti surviving Life Members include:

Ann D Arnold
Tim & Janet Bigelow
Jim Cortese
Anna George Dobbins
Elizabeth Elliott
Sherry Hinton/Mike Fisher
Amy Fitzgerald
James C Franklin
Mary Jeanne French
Mary Ann Gibbons
Christine Hamilton
Mr/Mrs L George Hannye

Nancy E Hardin
Jim Hawk
Ann Hensley
Jerry Herrmann
Don & Dina Hess
Betts Higgins
Fred & Theresa Holtzclaw
Pat Lincoln
Ken & Georgia Lister
Dr/Mrs K F Luckmann
Sigrid & Carl Ludemann
Jane Lupton

Marion Garber & J Louise Markel
Richard & Polly Mauldin
Dr/Mrs William McCoy III
Karen McIntosh
Sara Mott
Eileen Neiler
Katherine O'Brien
Karen Oland
Vince Stevens & Mary Palmer
Anne R Patrick
Hella Peterson
Ron Prince

Mark Robinson
Pat Row
Charles W Samuels
Royce & Anne Sayer
William R Sittler
Linda Smalley
Peggy Turner
Carole H Willard
Willard Witte
Rose B Wolfe

New & Renewing Members

*Society Friend in bold

Renewing

Evelyn Lorenz
Ken and Paula Campbell
David Mabry
Ann Mostoller
Jason and Tina Smith
Janet and Bob Cushman
Art Dworkin

Dr. & Mrs Gary Schneider
Dan and Eva Robbins
Drew Cowherd
Heather, Erik , Jacob,
and Nathan Ferragut
Harvey Goranson
Gary and Carol Grametbauer
Dorothy DeVan

Clarence and Lynn Juneau
Cathy Wieland
Robert S. Stone
Robert and Marian Poteat
Karla and Bruce McMaster
Valarie Widgren
Dorothy DeVan
Rebecca G. Phillips

Lydia Birk
Gayle & Geoff Greene

New

Cathy and Ken Glass
Richard and Ruth Young

Looking to the Future...

A \$3 million endowment campaign has been initiated to secure future funding for the UT Arboretum. You can assist this effort in many ways. Include the Arboretum Endowment in your estate planning. Help the campaign partners identify potential donors.. Honor loved ones with memorials to the Endowment. The endowment will fund critical features of a grand vision for the future of the UT Arboretum that will include: caring for and expanding plant collections, creating an Arboretum coordinator position., improving facilities ,and creating vibrant education and outreach programs. For more information on Planned Giving visit this UT website: www.utfi.org/give-now.

If you have questions, need information, or wish to share your idea for funding the UT Arboretum Endowment, please contact: UT Institute of Agriculture Office of Development: **Robin R. Haefs, 865-974-5779**. Email UTI-Aadvancement@tennessee.edu. OR UT Arboretum - Kevin Hoyt - 865-483-3571

To contribute to the Endowment : make a check payable to the "University of Tennessee Foundation" and indicate in the memo line to credit your contribution to either the **UT Arboretum Endowment Fund** . Mail it to the UT Institute of Agriculture, Office of Institutional Advancement, 114 Morgan Hall, Knoxville, TN 37996.

Membership Information

Renewing Your Membership – Check your *Branches* label for your membership renewal date! You'll get a reminder, or you can download a form at www.utarboretumsociety.org.

Join Our Email List - To receive important notices from UTAS, please email emily@jernigans.net and we will add you to our database. Also notify Emily of any email or mail address changes. **We never share your address.**

Electronic Newsletter Only Option: If you'd like to receive only an electronic copy of *Branches*, send an email to emily@jernigans.net . Confirm that you no longer want us to mail you a paper copy of our newsletter. Be sure to include the email address you'd like us to use.

UTAS Membership Application

Name _____ Phone _____

Address _____

City _____ State _____ Zip _____

EMail _____

New Renewal

Society Friend \$100 Patron \$500

Family \$45 Individual \$30 Student \$15

Yes, I want to make an additional Contribution:

UTAS General Fund \$

Elmore Holly Collection Fund \$

All memberships and contributions are tax deductible.

Yes, I'd like to help with Society committees, special events or other needs. _

____ Please send only an electronic copy of the quarterly newsletter, *Branches*.

Mail this form with your check to:

UTAS

P.O. Box 5382

Oak Ridge TN 37830

Oak Ridge, TN 37831-5382

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Oak Ridge, TN 37831-5382
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Check the mailing label for your membership renewal date

BRANCHES

Upcoming Events

Holly Work Day Saturday October 14, 9AM to Noon @ Elmore Holly Collection

UTAS Annual Meeting/Dinner/ & Silent Auction at Elks Club (Oak Ridge)
October 16 PM from 6 PM to 9 PM \$30 RSVP required by October 9 – details inside

Lecture/Book Signing with Kathryn Aalto
Tuesday October 17, 7 PM to 8 PM @ RSCC (Oak Ridge Campus)

Fall Plant Sale Saturday, October 21 from 9 AM to 2 PM @ Program Shelter

Make & Take Pumpkin Center Piece Tuesday October 24th, 10 a.m.-noon @ Program Shelter

**UTAS Fall
Plant Sale!**

Saturday
October 21

9AM to 2 PM
@ UT Arboretum
Program Shelter

SEE THE CALENDAR ON PAGE 5 FOR A FULL LIST OF EVENTS IN OCTOBER/NOVEMBER/DECEMBER

How to Find Us

Web: www.utarboretumsociety.org
Email: utarboretumsociety@gmail.com
Facebook: UT Arboretum Society
Location: GPS: 901 S. Illinois Ave.,
Oak Ridge, TN 37830 (35.9995, 84.2259)

View Branches Online

Look for an email reminder from UTAS with a link to *Branches* on our website. There, you can see it in color and link to websites, and more. You can also see what else is going on at the Arboretum and UTAS. Just go to www.utarboretumsociety.org and check it out any time.

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Webmaster
Database Manager
Plant Sale Chair

Heather Ferragut
Charlie Jernigan
Charlie Jernigan
Norm Dobbs

UTAS Event Online Photo Gallery

2nd Annual Butterfly Festival



UTAS Event Online Photo Gallery

2nd Annual Butterfly Festival



UTAS Event Online Photo Gallery

July Butterfly Festival



UTAS Event Online Photo Gallery

Fall Wildflower Walk Images



Field Thistle with yellow spider



Spreading False Foxglove
Feeds off of oak tree roots.



White Wingstem

UTAS Event Online Photo Gallery

August Cement Leaf Craft Event



Kathy Fahey demonstrates how to spray paint concrete leaf prints after they have cured for several weeks.