

The Texas Star

Newsletter of the
Texas Master Naturalist
Hill Country Chapter

September 2019 Volume 17 Number 9



September 23 MEETING: TEXAS NATURE TRACKERS



Craig Hensley, biologist at Guadalupe River State Park and a life-long naturalist and natural history educator, will explain how Texas Nature Trackers works with citizen scientists to document the distribution of Texas flora and fauna.

The monthly meetings of the Texas Master Naturalist Hill Country Chapter are free and open to the public. We meet in the Upper Guadalupe River Authority's Lecture Hall, 125 North Lehman Drive in Kerrville. Socializing begins at 6:15; the program begins at 6:45.

PRESIDENT'S MESSAGE Lisa Flanagan

Hello fellow Master Naturalists,

We are quickly moving toward Autumn, and it can't get here soon enough for me.

The hot temps have just been too much. However, there are things to be enjoyed right now....migration of hummingbirds, Snow on the Mountain blooms, goldenrod, and such. The despised ragweed is prolific! Some of the pecan trees are really loaded, as well as my red oaks in my yard. The acorns will be coming down like missiles soon, to make the deer, jays, and squirrels in my area happy, to name a few. Cooler mornings and evenings are on their way – enjoy!

Hopefully, many of you have signed up for the Annual Meeting being held in Rockwall this October. If some of you need to carpool, or can help out someone else—as it is a good distance—feel free to email me at terlinguagirl@gmail.com. Possibly I could help put some people together.

The 2019 class is well underway, and their bios are in this issue with their pictures. Please get to know these folks, as they are now part of our Master Naturalist family, each with his/her experiences and talents to add to our volunteer base. WELCOME, CLASS OF 2019!

Hope to see many of you at the next Chapter Meeting.

The C.A.R.E. committee invites you to join fellow Master Naturalists for an informal social hour prior to our monthly meeting. Gather at El Sombrero, 303 South Sidney Baker St. in Kerrville at 4:30 and order dinner if you wish.

This Month We Honor



Special Recertification

Robin Hale, Rebecca Laird, Rae Tucker

Recertifications

Jean Bodine, Laurence Doxsey, Bridget Langdale, Roger McRoberts,
Lars Nielsen, Mimi Stidham, Nina Wagner, Bob Wiedenfeld, Marion Worthington

Milestones

Matt Farmer, Mark Richardson - Bronze Dragonfly, 250 hours

Cecilia Fuentes - Gold Dragonfly, 1000 hours

Recent Hill Country Naturalist Columns by Jim Stanley

8/3/19 Watching a Bug Crawl Through the Grass

8/10/19 Nature is Not Neat

8/17/19 Animal Society is Varied, Complex, and Mysterious

8/24/19 The Chemistry of Photosynthesis and the Carbon Cycle

8/31/19 Have You Ever Seen a Biological Social Crust?

These and all other Kerrville Daily News columns
can be found at www.hillcountrynaturalist.org

WELCOME

Chapter members are welcome and encouraged to attend and contribute to Board of Directors meetings. The board meets at the Riverside Nature Center at 2:30 on the Monday of the chapter's monthly meeting.

From Gracie Waggener

Hill Country Chapter Merchandise

Perhaps you have seen one of your fellow Hill Country Chapter members wearing a shirt or hat with the Texas Master Naturalist and Hill Country Chapter logo, and were wondering how to get one for yourself. It really is easy. Come to any Chapter Meeting, or come on Wednesdays while the new classes are meeting at the UGRA building, and check out the “store” with hats, caps, bags, shirts, signs and more.

Look at the order form for merchandise items and prices. For help with the colors and any questions, send an email to Gracie at gwaggener@flow-apps.com. Just keep in mind that all orders are custom orders and cannot be returned, and any shipping would be an additional charge, but orders can always be picked up at the Chapter Meetings.



HCMN MERCHANDISE ORDER FORM

NAME _____

EMAIL _____

T-shirt – Sizes S to 5XL

Color: Galapagos Blue, Natural, Heliconia Pink Size \$20.00

Ladies' V-Neck T – Sizes S to 3XL

Color: Feathered Orchid, Safire Size \$20.00

Men's / Ladies' Denim Shirt - Sizes S to 6XL

Color: Blue Size \$34.00

Men's / Ladies' Columbia – Men's Sizes S to 2XL, Ladies' sizes S to XL

Long Sleeve Short Sleeve Size \$58.00

Fleece Pullover – Men's Sizes S to 3XL, Ladies' sizes XXS to 3XL

Color: Sand, Charcoal Ladies only: Aqua, Powder Pink Size: \$60

Windbreaker – Sizes S to 6XL

With Hood Without Hood Color: Green Size \$30.00

ALL PRICES INCLUDE THE COST OF LOGO AND STATE SALES TAXES

PLEASE CHOOSE YOUR STYLE AND SIZE CAREFULLY

ALL ORDERS ARE CUSTOM ORDERS – ALL SALES ARE FINAL

Riverside Nature Center
 &
 Texas Master Naturalist-Hill Country Chapter
 invite you to...

Native Plant Sale & Festival



Saturday • October 5th

At Riverside Nature Center

9am
 to
 2pm



Free
 Family
 Fun

Native Plant Sale

Sale begins at 9:00am. Come early for the best selection! Our sale is special because our vendor experts will be available to help you select plants that will thrive in your particular landscape conditions. There will be a variety of shrubs, perennials, native trees, and more that have been carefully selected from nurseries across Central Texas.

All net proceeds benefit the RNC and TMMNCC education efforts.
 Save! One-day Tax-Free shopping for plants and gifts.

Informative Exhibits & Displays

- Pollinator Garden Assistance & Recognition Program
- Native Plant Society of Texas - Kerrville Chapter
- Texas Master Naturalist - Hill Country Chapter
- UGRA Water Quality & Conservation
- Riverside Nature Center Association
- Hill Country Master Gardeners
- Hill Country Youth Branch
- Women's Joint Venture
- Ask The Plant Expert

Raffle

Tickets are \$5 each
 or \$5 for \$20

Family Activities

- Bean Bag Toss
- Arboretum Walk
- Popcorn & Drinks



830-257-4837

www.riversidenaturecenter.org

150 Francisco Lemos Street - Kerrville, Texas 78028

CIBOLO
 Nature Center & Farm

WILDLIFE FIELD RESEARCH WEEK

OCT 7 - OCT 12, 2019

JOIN A COMMUNITY | CONTRIBUTE TO SCIENCE | KEEP TEXAS WILD

Cibolo Nature Center & Farm
 140 City Park Road
 Boerne, TX 78006

MORE INFO: DONNA@CIBOLO.ORG | WWW.CIBOLO.ORG

From Donna Dutton

August Angst, September Hope

I know that those of you who live on rocky limestone with almost impenetrable cedar brakes think that cedar is the worst “pest” we face here in the Hill Country. And it certainly is a formidable challenge. But those of us who live just off the edge of either the Edward’s Plateau limestone or the Llano uplift granite and have sandier soils fear something else. GRASSHOPPERS!!!

When they occur in normal numbers, they are just a minor annoyance. But when conditions are favorable one year in the summer/early fall for egg laying and then the next spring for the far-too-numerous hatchlings, plague-like numbers survive to become adults by summer and eat almost everything in sight! Sadly, this was one of those years in the northwestern Hill Country.

Exotic landscape plants are a great favorite with them, and even some natives are either completely devoured or stripped of leaves to the point where they die. The most common are the differential grasshopper (*Melanoplus differentialis*), pictured. They fly up and away from you when you walk through the pasture, like parting fountains of water. Awful! Others include the red-legged grasshopper (*Melanoplus femurrubrum*), the American Bird grasshopper (*Schistocerca Americana*), the wrinkled grasshopper (*Hippiscus ocelote*) and several others with which I am still seeking help in identification. (At some point mid-August, I decided that since I could not effectively fight them, I might as well study them!)

Fortunately, there are some native plants that are resistant to their voracious appetites and can be added to our landscapes so that they are better prepared for the next plague year! These plants are great choices, even if you are fortunate enough to not live in a grasshopper-prone area!

Lindheimer’s Muhly (*Muhlenbergia lindheimeri*) is a beautiful large grass (2-3 ft tall and wide, with bloom spikes 5-6 ft) that looks great all summer. For tall, bright red back-of-the-border blooms try Turk’s cap (*Malvaviscus arboreus* var. *drummondii*) for shady areas or Flame Acanthus (*Anisacanthus quadrifidus* var. *wrightii*) for part shade or even full sun. (Currently, the grasshoppers are nibbling the bud spikes as if they were delectable asparagus spears, but the leaves are untouched and are quite lovely.) Or, for a golden-orange color in full sun, try Velvet-leaf Mallow (*Allowissadula holosericea*).

In the mid-height range, I see that Chile Pequin (*Capsicum annuum*), Rock Rose (*Pavonia lasiopetala*) and Scarlet Sage (*Salvia coccinea*) have all remained untouched by the ‘hoppers, although I have seen them eat the ripe chiles at times. If they can get to them before the birds...

Ground covers or low borders can include Spreading Sida (*Sida abutilifolia*), Pigeon Berry (*Rivina humilis*) or Tube Tongue (*Justicia pilosella*), all of which have faired well in the face of the onslaught. I also like Spiderling (*Boerhavia coccinea*) - just be sure to plant it far enough away from the edge of your planting area that its long “crawling” bloom spikes don’t stick out too far. They can sometimes reach up to four feet in length, and it does have seeds that like to cling to pants and socks!



Wrinkled Grasshopper



Differential Grasshopper



Pigeon Berry

Hill Country Master Gardeners

Present a Public Program



TREE CARE in the Texas Hill Country

Saturday, October 12, 2019

9 am—5 pm

Dr. David N. Appel, Professor, Plant Pathology and Microbiology, ESSM Collaborating Faculty, Texas A&M, and Sheila McBride, Program Specialist, Texas Plant Disease Diagnostic Laboratory will present the program on:

**Tree Benefits - Identification,
Selection & Planting
Tree Biology, Nutrition
Care & Pruning
Tree Stress Factors and Treatment
Oak Wilt - Identification and Treatment
Offsite Injection Demo**

Registration Fee: \$35 (includes snacks and box lunch)
Deadline: Friday, October 4, 2019

TMQA 8 CEUs Available



Hill Country Youth Event Center
3785 TX 27 - Kerrville
registration info 830-257-6568
or hillcountrymastergardeners.org



Texas A&M AgriLife Extension provides equal opportunities in its programs and employment to all persons, regardless of race, color, sex, religion, national origin, disability, age, genetic information, veteran status, sexual orientation, or gender identity.

NPSOT Boerne Chapter Monthly Meeting

On Tuesday, October 1, Dr. O.W. "Bill" Van Auken, P.D., will present "Big-Tooth Maples in Central Texas."

Social with light refreshments at 6:30; speaker presentation at 7:00.

Cibolo Nature Center, 140 City Park Road



NPSOT Fredericksburg Chapter Monthly Meeting

On Tuesday, September 24, Craig Hensley will speak on "Butterflies NOT Named Monarch." Social time with light refreshments begins at 6:30; program at 7.

Memorial Presbyterian Church, 601 North Milam

NPSOT Kerrville Chapter Monthly Meeting

On Tuesday, October 9, Arlon Motsch will tell us how he transformed his yard to native/low maintenance plants. Come at 1:00 for conversation and refreshments; the program will begin at 1:30.

Riverside Nature Center, 150 Francisco Lemos Street

These chapter meetings are free and open to the public.

From Katy Kappel

Texas Water

These hot, dry days really make us appreciate water. Kerrville is fortunate to have a beautiful spring fed river created from the aquifer. Other Texans are not so lucky and the future is uncertain. Texas Parks and Wildlife Department has a program to educate folks on water online. Check out Dr. Andrew Sansom's webinar: <https://tpwd.texas.gov/education/water-education/texaswatersprogram/02-26-18-groundwater-surface-water-and-freshwater-inflow-webinar-for-tpwd.pdf>. Learn more about the Water Specialist program here: <https://tpwd.texas.gov/education/water-education/texaswatersprogram/texaswatersspecialist>. This website also has resources for teaching children about our rivers, lakes, and ocean.



texasriparian.org



Texas Riparian & Stream Ecosystem Workshop Llano River Watershed

October 23, 2019 | 8:00 a.m. - 4:00 p.m.

Texas Tech Llano River Field Station

254 Red Raider Ln., Junction, Texas 76849

Online RSVP and Agenda: <http://texasriparian.org/upcoming-training-locations/>

For more information and to register please contact Clare Entwistle at 210-277-0292 ext. 205 or clare.entwistle@ag.tamu.edu.

Continuing Education Units available: Texas Department of Agriculture Pesticide Applicators License – 3 CEUs; Texas Water Resources Institute – 1 CEU; Certified Crop Advisor - 7 CEUs; Texas Nutrient Management Planning Specialists – 6 hours; Texas Floodplain Management Association – 7 CECs; Texas Forestry Association – 6 hours; Society of American Foresters – 6 hours; Texas Board of Professional Land Surveying - 7 hours; Texas Board of Architectural Examiners “Acceptable for HSW credit”; and may also be used for CEUs for Professional Engineers.

The free workshop will include both indoor classroom and outdoor presentations by multiple natural resource agency experts and an outdoor field portion on a creek to discover how it functions and the role of riparian vegetation in properly functioning systems. RSVPs by October 14, 2019 at the link above or by contacting Entwistle. A catered lunch is available for \$10. The workshop is being co-hosted by the Texas Tech Llano River Field Station, the AgriLife Extension Office in Kimble County and the Texas Water Resources Institute.

From Becky Etzler

Environmental Field Days at RNC

If you like working with children and sharing your knowledge of the natural world, Riverside Nature Center has a volunteer opportunity tailor-made for you.

On October 15, 16, 17 and 18, Riverside Nature Center will be conducting environmental field days for all the KISD second graders from 8:30am – 11:45. The students will rotate through four learning stations: The River of Life (mainly aquatic life), Adaptations (feet and beaks), Decomposers (soil organisms & earth worms) and Life Cycles (focus on butterfly lifecycles). They will experience hands-on activities at each 40 minute station.

We have station leaders who have prepared the lesson plans and activities. What we need are willing and passionate assistants. You do not have to be an “expert” on any of the subjects but you must be willing to get engaged and have fun.

You may volunteer for one day or all four and of course you may report your hours by using the code: KR-02-A-PO. Contact Becky Etzler for more information and to sign up: director@riversidenaturecenter.org or 830-257-4837.



If you haven't registered for the Texas Master Naturalist 2019 Annual Meeting yet, now is the time!

REGISTER NOW

Join us for our 20th **Texas Master Naturalist Program Annual Meeting**, where we'll gather, learn and celebrate another year of the Texas Master Naturalist program. This year's event, taking place in Rockwall, will run from **Friday, October 18th through Sunday, October 20th**. The event will be hosted at the **Hilton Dallas/Rockwall Lakefront Hotel** on the shores of Lake Ray Hubbard, just east of Dallas.

This year's Annual Meeting provides an opportunity for Texas Master Naturalist volunteers from around the state to gather, participate in hands-on educational seminars, and receive all of their Advanced Training requirements for the year within one weekend. It's also an opportunity for program participants and supporters to network, share new ideas/projects, and learn from different chapters from different regions of the state. This year's meeting will also include day trips and training workshops to many local, state, and even national refuges/parks, many of which will focus on the diversity of geography, flora, fauna and history in this unique area of Texas.

We are pleased to extend an invitation to ALL Texas Master Naturalist Program volunteers, along with all other program affiliates. This includes those certified volunteers, those still in training, program administrators and advisors of local chapters, and your local chapter partners, sponsors, or special guests. This year's gathering has several chapter enhancement and Advanced Training topics to choose from. Our social times, chapter project fair showcase, and round table discussions will offer great opportunities to meet your fellow Texas Master Naturalist peers from our 48 Chapters across the state.

Come out for a weekend filled with fun, fellowship, and learning!

Continuing Education Class Announcements

Fredericksburg Native Plant Society
and
Fredericksburg Independent School District Community Education
Present

“Texas Stars at Night are Big and Bright” Let’s keep them that way! “Dark Skies and Why They Matter”

Speaker: Bridget Langdale

Electric lights were introduced less than 150 years ago. In that short time, star filled night skies have largely disappeared from all populated areas. Since living things co-evolved with dark skies, some plants and animals actually require the night sky for survival. We are just beginning to learn about the health benefits attributed to a dark night. All is not lost, however. With prudent use of non-glare lighting, it is possible to have both dark night skies and safe streets. In this class you will learn how to save money, save energy, increase personal safety and health, help wildlife and plants thrive, and help keep our night sky dark... simply by the wise use of man-made lighting.

Ms. Langdale, a resident of Mason, is active in the Texas Master Naturalist Hill Country Chapter and is a member of the Mason Star Gazers and the Hill Country Astronomer clubs. She works with the International Dark Sky Organization and the Hill Country Alliance to increase public awareness about light pollution and to offer common sense solutions for individuals, businesses, communities, city councils, and county commissions. Langdale’s transformative efforts have resulted in her home town of Mason being recognized as having some of the darkest skies in the Hill Country.

Date: October 10, 2019 Time: 6:00 p.m.-7:00 pm

Where: Fredericksburg Middle School Library, 110 West Travis, Fredericksburg

Cost: \$20.00 To Register: Contact Rachel Malinak, rachelm@fisd.org, 830-997-9552



“Deer Me! Native Plant Landscaping Despite the Deer!”

Speaker: Chris Anderson

Learn how to create and protect a beautiful native plant landscape despite the constant depredations of our beautiful, but always hungry deer population. The course covers deer food preferences and a wide variety of techniques for selecting Hill Country native plants that are suitable to any area landscape.

Mr. Anderson is a past President of the Fredericksburg Chapter of the Native Plant Society of Texas. He is an active Master Naturalist, serves on the Board of the Fredericksburg Nature Center, and is an interpretive guide at Enchanted Rock. The native plant landscaping surrounding his house serves as a personal laboratory for determining which plants the deer most avoid.

Date: October 16, 2019 Time: 6:00 p.m.-7:00 pm

Where: Fredericksburg Middle School Library, 110 West Travis, Fredericksburg

Cost: \$20.00 To Register: Contact Rachel Malinak, rachelm@fisd.org, 830-997-9552



Texas A&M AgriLife Extension presents:

Birding the Hills

October 7 -11, 2019

Join us in Gillespie County in the heart of the Texas Hill Country for three full days of birding in the Edwards Plateau ecoregion! Three days will be FULL of birding on the most beautiful private ranches in a variety of habitats in the Texas Hill Country! Several ranches will have great photography opportunities!

\$850

Includes transportation, dinner & lunches and access to some AMAZING private lands!

\$500 deposit is required to hold your spot. Remaining balance is due September 1, 2019

Tour will include 4 educational programs:

- * Birding and Bird Watching: Contributions to Our Conservation Legacy - Romey Swanson, Audubon Texas
- * Beef, Birds, & Bucks: Sustainable Coexistence in an Agroecosystem - Dr. John Tomecek, AgriLife Extension
- * Back(yard) 40: Managing Birds on Lands Large and Small - Dr. Maureen Frank, AgriLife Extension
- * Leopold's Tools at the Kerr Wildlife Management Area - Ryan Reitz, TPWD

AT credits available for Master Naturalists!

TARGET BIRDS:

- Pied-billed Grebe**
- White-tailed Kite**
- Swainson's Hawk**
- Common Ground Dove**
- Black-crested Titmouse**
- Rufous-crowned Sparrow**
- Clay-colored Sparrow**
- Pyrrhuloxia**
- Canyon Wren**
- Canyon Towhee**

Register Online at:

[valverdeextension.ticketleap.com/
birding-the-hills/](http://valverdeextension.ticketleap.com/birding-the-hills/)

Arrival: October 7th @ 4:30 PM

Program Concludes: October 11th @ 1:30 PM

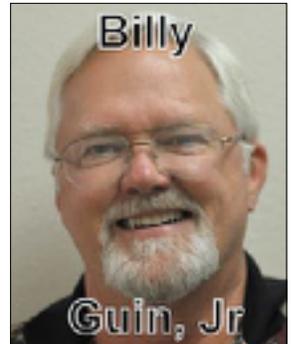
Texas A&M AgriLife Extension provides equal opportunities in its programs and employment to all persons, regardless of race, color, sex, religion, national origin, disability, age, genetic information, veteran status, sexual orientation, or gender identity. - The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating

The Texas Master Naturalist Hill Country Chapter Class of 2019



I was born in Dover, England and left home in 1972, travelled, and worked around the world. I came to the US and San Antonio in 1976 where I studied Nursing, attending both San Antonio College and the UT Health Science Center School of Nursing. I earned the BSN in 1980 and MSN in 1983. I am at that stage where I am sort-of-thinking-about-retirement-but-not-quite-there-yet. I have a yen for doctoral study which my wife thinks is nutty. Judy and I recently spent some years overseas and returned to live near Medina Lake, where we enjoy landscaping our home. I took a Master Gardener class, have gotten interested in Texas Native plants, Texas history and ... well, just Texas. So for me, the next step is to tie all things Texan together with this Master Naturalist class.

I was raised in Shreveport, Louisiana, practiced law for 40 years and served on the Louisiana State Ethics Board and in leadership roles for the American Cancer Society, YMCA, Shreveport Green and the Krewe of Justinian (a Mardi Gras social club in Shreveport). I have bow hunted deer and turkey near Ozona. My wife and I enjoy fly fishing, golf, and scuba diving. We moved to Fredericksburg in 2018, and live in a cabin on 20 acres while our house is being built. I worked at a landscape company while attending LSU; however, plants in Louisiana are very different from those found in the Hill Country. I am a NPSOT member and want to design a landscape plan using native plants for our home.



I was born in San Antonio and was raised there and on our family ranch in southeastern Bandera County. When I married, we moved back to the ranch full time and raised three children there. After my divorce and after my dad passed away, I sold out there and bought a ranch in northwestern Medina County north of D'Hanis, where I ranched full time and on my own for 12 wonderful years before moving back to the Hill Country. I currently reside on my ranch on the Fall Creek Road southwest of Kerrville. I love being outdoors, animals, photography, and learning all that I can about the natural world, especially in the fields of geology, hydrology, botany, and archaeology.

I grew up in Minnesota, married my high school sweetheart, and we came to Texas in 1981 by way of Seattle when Mount Saint Helens erupted. We raised three children in Kerrville and now have four grandchildren and two great-grandchildren. I attended Schreiner in 1982 and worked for the registrar and financial aid offices before going to Mooney Aircraft. In 1993, we opened Central Automotive, which grew to two locations over 26 years of operation. I managed accounting, staff, and advertising while caring for our youngest granddaughter two days a week. Activities include the Kerrville Chamber, Women's Chamber, Kerrville Network group, mentoring and teaching Sunday school at Hosanna Church, and family gatherings. We recently built on our 50 acres and look forward to what we will do with all that land.

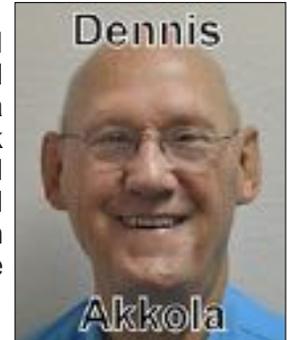


I was born and grew up in Houston, earned a degree in English and Spanish from the University of Texas, Austin, and am a National Outdoor Leadership School (in Wyoming) graduate. Now I live downstream of Bandera on the Medina River. I started backpacking with my children in the Rockies when they were six and three, spent summers hiking in the Wind Rivers area, spring breaks in the canyon country of southeastern Utah, climbing at Enchanted Rock, and kayaking whenever possible. I was a manager at Wilderness Equipment and the Whole Earth Provision Company and was a Big Bend river guide, which required EMT, Swift Water Rescue, and Wilderness First Responder certification. I also worked at nature centers in high ropes and adventure challenge programs.



I was born in Houston and my family moved to Oklahoma City when I was 12. I got myself back to Texas as soon as I could. My husband, daughter, and two grandchildren are the dearest people in my life. I have two terriers and a tuxedo cat. Love my beasts! I earned a BBA., MS. in Telecommunications Management, and a Master of Divinity in Theology. I have been a bookkeeper, naval officer, website developer, pastor, and teacher. I enjoy public speaking and teaching and look forward to using both skills as a Master Naturalist. My motivations to become a Master Naturalist are the many memories of days spent outside in nature as a child and adult and my hope that my great-grandchildren will be able to create their own wonderful memories in nature.

Dad was a fighter pilot and I was born at Randolph Air Force Base in 1944. I attended schools where my Dad was stationed: Arizona, Germany, Alabama, and Okinawa. After high school, I flew Army UH-1 helicopters in Vietnam. I earned a BBA in Management and Finance from the University of Oklahoma and was a bank examiner with FDIC for 24 years. After I retired, my wife and I lived in Houston and I volunteered at Brazos Bend State Park. Then we moved to Colorado Springs and I volunteered at Cheyenne Mountain Zoo. In 2018, we moved to Fair Oaks Ranch and I volunteered at the San Antonio Zoo. Now, I volunteer at the Cibolo Nature Center, teaching kids about nature.



I was born and raised in San Antonio, left after graduating from High School, and moved from Houston in January 2017 to live here at Tierra Linda Ranch. I earned a BBA from the University of Houston, Downtown. I retired from United Parcel Service in February 29, 2012 as a business manager, am divorced, and have no children. I am the oldest of eleven, with nine of my ten siblings still alive. My father passed away in 2000; my mother is still alive. I consider myself a problem solver who appreciates acquiring new knowledge, and am looking forward to the TMN classes to enhance my new life skills in the Hill Country.

I was born in Beaumont, raised on Aruba and in Switzerland, and graduated from college in Mexico City. I am bilingual in English/Spanish. In Mexico City I married and had three sons. In 1986 I moved to Houston where I remarried and accepted a job as a Scuba Diving Travel Wholesaler. I also obtained a Massage Therapy License. In 2017 Harvey flooded our home and we decided not to return to Houston. We recently moved to our current home in Bandera next to the State Natural Area. We inherited a lovely pollinator garden and put in beehives. With no specific goal/interests yet, I am certain my near future holds activities revolving around plants and nature: first education and then, decisions.



I was born in Arizona but soon moved to Kerrville, where I grew up. As a young'un, I spent an inordinate amount of time exploring the outdoors, and that inclination to ramble and observe nature has never gone away. Recently, I've been getting back into hiking, and plan to visit as many state parks as I can. I've found that taking pictures and video of critters, plants, nature views, and interesting architecture is always rewarding and a great excuse to take a quick break from hiking. And then there's writing. This sort of writing is really not my strong suit, but I'd actually quite like to bone up on style guides and work at it.



I am from Corpus Christi. I have worked as a legal Secretary and also as a certified teacher, and am retired. I am married and have three adult children and one grandchild. We moved here seven years ago and live in Pipe Creek. My family has been in Texas since the 1850s. My great-great grandfather was a Texas Ranger. I have been a Texas Master Naturalist since 2005 and transferred to the Hill Country Chapter this year. My favorite activity as a Master Naturalist has been Turtle Patrol on the Padre Island National Seashore. Lately, I've enjoyed helping to preserve the Mexican free-tailed bat population by volunteering at the Old Tunnel State Park in Fredericksburg.

I am a fifth generation Texan, born and raised in San Antonio. I graduated from Texas A&M University in 1979 with a Bachelor of Science degree in Agricultural Economics. I worked in real estate and banking over my career and retired in 2015 as the Executive Director of San Antonio Alternative Housing Corporation, a nonprofit housing developer. I still assist them on a part-time basis. Jenise --the girl next door and my wife of 39 years--and I built a home on our rural property in Medina County. We have lived there for the last nine years and enjoy taking care of our property and cows. I am interested in land management projects that improve water retention, wildlife food supply, and habitat.



I was born in Edinburg, grew up in the east end of Houston, and currently live between Kerrville and Harper off FM 783. I attended the University of Houston and worked for UPS for 35 years. I worked as a delivery driver in downtown Houston for two years then worked in various management positions within the company. I am married and have a son attending Texas A&M. My activities (aside from digging holes for my wife's plants and trees) are photography and painting in watercolor, when I'm not tinkering in the garage/shop. I look forward to learning more about the area we live in and how best to help or to stay out of nature's way.

I was born in Houston, raised in Katy, and earned my BS in Education degree at Baylor University. I spent 20 years in global non-profit leadership, many years as a film art director in California, and returned to Texas in 2010. I am a nature enthusiast, and have traveled to over 30 countries for artisan collaborations, global studies, and volunteer humanitarian work--frequently speaking on empowering women and social entrepreneurship. Recently I co-founded The Fernweh Studio, a responsible tourism company providing global excursions that support intentional living, conservation, and sustainable design. I am married to filmmaker Brandon Dickerson, my best friend since attending Baylor. We live in Fredericksburg with two teens and many beloved animals.



I was born in Maine, raised in New England and upstate New York, and moved to Kerrville recently from Florida. My education was in Liberal Arts, with graduate studies in Psychology. I worked as a human factors psychologist for an engineering research company for most of my working life. My husband and I have two daughters and three grandchildren. We enjoy travel that involves archeology, history, new cultures, and places where we can photograph butterfly species and plants new to us. Master Naturalist projects involving butterfly surveys and conservation, habitat, native plants, are of interest to me.



I was raised in a small town in southern Ohio and spent most of my adult life in and around Burbank, California before retiring to Kerrville. I earned a Masters Degree in Business Management from Woodbury University. During my career I worked in pension benefits management for a union pension plan and managed residuals payment processing for a payroll company in the entertainment industry. I enjoy dancing and researching my family history. My favorite vacations have always been exploring national and state parks and historical and archaeologically significant places. Experiencing nature up close and walking in the footsteps of those who came before us provides me with new perspectives and greater appreciation for the people and creatures who share our space.

I'm a native Texan, and my father's Air Force career took us to San Antonio, England, El Paso, and Austin. Susan and I have three adult children and a one-year old "wide-eyed and wonderful" granddaughter. We moved to Kerrville in June; in our 37 years of marriage we made our home in Pettus, Mercedes, McAllen, Austin, Seguin, San Antonio, and Hondo. We're ready to put down roots! Growing up, my daddy and I raised and raced homing pigeons, and Mama always had a garden. I attended a university with "Agriculture" in its title. My vocation called me to be a steward of souls. Now retired, I want to be a steward of our natural resources. I've enjoyed hiking, hunting, and gardening. Big Bend and Ft. Davis are two of my favorite spots.



I was born and raised in Dallas and attended college at Abilene Christian University. I earned a law degree from the University of Texas in Austin, after which I reluctantly left my employment in the children's education department of the Austin Zoo to become an attorney in the international headquarters of Habitat for Humanity in Americus Georgia. I spent the bulk of my legal career as a tax attorney in Fort Worth, until my husband and I moved to Fredericksburg in 2008 to raise our daughter. I enjoy gardening, swimming and hiking. I would like to learn more and gain experience with native plants. I particularly enjoy Enchanted Rock, but am also looking forward to discovering new outdoor interests through Master Naturalist projects.

I was born in Borger, raised in Fort Worth, earned my pharmacy degree at the University of Texas, Austin in 1979, and am a Texas Exes Life Member. I retired from my job after 37 years as a hospital pharmacist in Fort Worth, moved to the Hill Country, and am currently building a home on 44 acres of land I purchased near Rock Springs. I want to be a good steward of my land and share the things I learn with others in Edwards County and am looking forward to planting native plants and grasses to benefit birds, bees and butterflies. I love painting with watercolors and teach a class occasionally at Claud H. Gilmer Memorial Library in Rock Springs. I enjoy singing and sang in the River Oaks United Methodist Church for twenty years.



I was born and raised in Dallas, graduated from Arts Magnet High School, have worked in the nursery business for many years, and have been a Texas Certified Nursery Professional since 2002. I live in Kerrville and am a Greenhouse Manager and nursery worker at The Plant Haus 2 here. I live close to Riverside Nature Center and walk the area often. I have learned a lot about the plants and birds there by observation, and had a wonderful experience visiting the bird blind built by Master Naturalists at Inks Lake Park. I had such a feeling of awe and shared it with my daughter and grandson, and want to help other people have the same feelings.



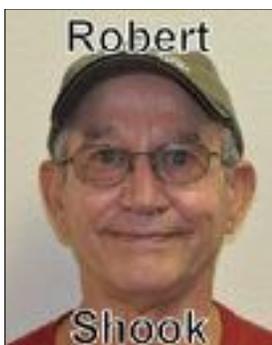
I've lived in Boerne since 2005, after moving from the Dallas area where I was raised. I graduated from Baylor, had a 20 year career in retail, and retired from Saks Fifth Avenue in 2002. I'm an avid tennis player, love to cook, enjoy bird watching, and hanging out at our ranch near Junction. I love to take photos of our black capped vireos, yellow warblers and so many more. I am a member of the Boerne NPSOT Chapter, and volunteer each spring at ABK, conducting golden cheeeked warbler surveys. My husband, Ron, is a Texas Master Naturalist, Class of 2016, and we've been married for 30+ years. I hope to further my knowledge of the area so I can give back and educate the people in our communities.

I was born in Junction, graduated from Alamo Heights HS, attended Texas Tech and Trinity University, and now live in Boerne. I worked as a general contractor. I have a deep appreciation for the natural world and want to know more about it and instill a desire in others to protect our Hill Country environment. I like to talk about our flora and fauna with casual observers so they might come to respect nature more. I also like to take my six grandchildren on "nature walks" on our 22 acres. We try to identify animal tracks we find on our walks, and follow ant trails to see where they lead and what the ants are up to. It has been my pleasure to serve 12 years as a director and trustee of Cibolo Nature Center and Farm.



I was born and raised in El Paso and graduated from UTEP with a BS. in Elementary Education and a BBA in Accounting. I semi-retired in 2014 and fully retired this year after working in Information Technology, Accounting, and as an auditor. My husband, Grant, and I have been married 39½ years and are blessed to have a wonderful 25 year old son named Robert. We have lived in Boerne for 31 years and love the Hill Country. I enjoy making all sorts of crafts and love watching nature. I know very little about plants, trees, and animals, hope to learn as much as possible during this class, and would like to volunteer at Cibolo

I was born in Louisiana, but raised in Southeastern Kansas. As my mother and I walked through the fields on the ranch and farmland where we lived, she would teach me the names of plants and animals. She taught me about maintaining native plants and ecosystems and worked for many years to restore a hay pasture back into the native prairie of the plains. I went to school at Pittsburg State University in Pittsburg, Kansas and graduated with a double major in history and geography, but my career was in the field of criminal justice as an adult probation officer. I am interested in restoring my property, which is overrun with cedar, to a better balance of native plants and grasses.

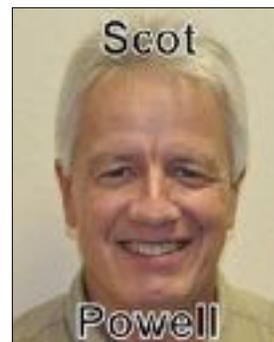


I was born in Iowa and raised in North Texas on a horse and cattle ranch. After earning a degree in business at the University of Texas, Arlington, I worked in the telecommunications industry and retired as Vice President of Operations. After retirement, I started my own organic landscaping business in Pennsylvania, which I sold in 2015 and retired to a place on the Medina River between Bandera and Pipe Creek. My hobbies and interests include construction, woodworking, gardening, pollinators, and natural habitat restoration. Native plants and grasses along with water conservation are priorities for all projects I undertake on my property. In my opinion, living in harmony with nature is the best way to save our universe. Knowledge and action are the vehicles to achieve this goal.



I was born in Houston and grew up in Friendswood. Following high school, I attended Texas A&M University where I earned B.S. degrees in Zoology and Petroleum Engineering. My 35 year career was in the oil field services industry, in both land and offshore locations and in foreign countries. My wife, Janice, and I have two sons in their early twenties. We enjoy travel, sightseeing, and visiting museums. We would like to use native plants and land management concepts around our new home in Pipe Creek. I consider myself an amateur naturalist through my own education, training, and experiences over the years.

I was born and raised in Indiana and live in El Campo. Marie--my wife of 32 years-- and I have two boys: Andrew (28) and Matthew (21). I earned a degree in mechanical engineering from Purdue University, pursued software engineering, consulting, and being the CTO for several software companies, over the course of 25+ years. My passions include raising cattle and riding horses. I've always been skilled with my hands and appreciate hard work. We enjoy Cowboy Mounted Shooting and have made many friends in the Bandera area. My goal is to use the HCMN program in my volunteer work of educating regarding native plants, grasses, and water catchment as well as in restoring our property to a native state.



I was born and grew up in Corpus Christi. Over 47 years of marriage, my husband Ed and I have lived in Coupland, Austin, San Antonio, and now Boerne. Our two sons and their spouses have given us four grandchildren. I graduated from Southwest Texas State University with a degree in Elementary Education. In San Antonio I worked as an IT Business Analyst at Valero Energy for 20 years and then retired from Kinetic Concepts (KCI). Ed and I like to travel, play golf, and enjoy nature in our back yard which has many birds, bees, flowers, plants, and trees. Most of the vegetation is native Texan. We have a big vegetable garden and home can tomato sauces, salsa, cocktail sauce, pickles, etc. I like to quilt and create pottery.

I'm a native Vermonter, attended the University of New Mexico and earned my biology degree at the University of Vermont. I've transferred from the Rio Grand Valley Chapter of TMN, Class of 2014. After a 14-year RVing adventure, my husband and I found our retirement home in Kerrville last December. We moved in March, sold the RV, and I transferred to the Hill Country Chapter to gain more knowledge about our local plants, insects, and water systems. I volunteer at South Llano River State Park in Junction and was pleased to participate in a couple of the NABA butterfly surveys this year.



I am a native Houstonian who moved back to Texas in 2018 with husband Scott after sailing and living internationally since 2002. We left careers early to sail the Pacific coast of the Americas to the coast of Ecuador. I hold degrees in zoology, clinical social work, and nursing. Our careers followed a path of helping people in medical or emotional crises. Our travel experiences included Andean rain forests, diving Galapagos Islands, indigenous groups' sustenance living on mangrove islands, and nursing in the Amazon jungle. My keen interest is in how much we must understand and care for our planet and its natural resources. I share my enthusiasm with my husband, three adult children, and three grandchildren, and am a yoga practitioner.



I was born and raised in Clarksville, Ohio, currently live in Junction, have been married for nine years, and have two four-legged children. I earned a Bachelors degree in Range and Wildlife Management from Texas A&M Kingsville. I enjoy being outside, doing home renovation projects, crafting, and traveling. Our property owners association recently became wildlife exempt, and I am looking forward to learning a variety of things that can be applied to HOA's. One of my goals is to establish a Monarch Waystation on our property. I can see myself participating in any volunteer activity that doesn't include the handling of snakes; I am not a snake person! I enjoy the outdoors and meeting new people, and love teaching children.

I grew up in Austin, received an Agronomy degree from Texas A&M, and did two years of graduate school in soil physics at Utah State. I worked in the potato industry in the western states for fifteen years before starting and running a grower/shipper business-- primarily growing potatoes and carrots--in central California for eighteen years,. I'm from Gillespie and Williamson County German farmer stock, and returned to Texas to retire on family land in Gillespie county in 2013. I serve on the Gillespie Water Control Improvement District Board and have experience in teaching and public speaking. I run a few Dorper sheep and cattle on the place. Some of my interests include wild lands conservation, invasive species management, and sustainable land use.



I was born in Raleigh NC; during childhood my family relocated every two years. What was consistent in my fluid life was nature. I earned my nursing degree at the University of Texas, Austin. During my careers as a waitress, nurse, massage therapist, and personal trainer, gardening, hiking, and saving butterflies returned me to the great outdoors. I maintain a butterfly sanctuary in my backyard with host and nectar plants for Monarchs, Queens, and Swallowtails. Physical labor in an outdoor setting is my greatest asset and gift. I believe that endurance and "can do" attitude help to complete any challenge. Mowing the lawn was the only time I knew where I had been and where I was going. Nature has always brought me joy--and joy of joys, now I get to be a master of it.

I was born and grew up in West Texas. I attended the University of Texas, married, and had two boys. We moved to College Station where I earned my degree in English and Philosophy and completed the course work for a master's degree. I married the second time in 1984 to a Texas A&M professor. We enjoyed camping and traveling, and working! My last full-time employment was with the College of Veterinary Medicine, TAMU, where I was writer and media relations coordinator. We moved to Kerrville in 2003. My husband died in April of 2018. Together we have eight children--a family that has grown over the years. Since being at A&M, I have been interested in the Master Naturalist program. Now is the time.



I was born in upstate New York, but moved to Ozona in the late 70's: culture shock. I learned about jackalope and snipe at a tender age; also found out it's a "tall tale"--not a lie. I moved to Kerrville in mid 80's. I have raised two girls, on my own, and taught them the value of the outdoors with frequent camping trips and day trips to several Texas state parks. I love to go to the beach with my mom. I like people, think of myself as a people person, and am interested in learning more about my community. I am looking forward to finding where my interest takes me during this course because I want to try everything.



I was born in Clarksville and grew up in Hooks. I attended New Mexico State University in 1974 on a National Science Foundation grant in physics and lived in Bahrain, Arabian Gulf from 1974-1975. I roughnecked and was a machinist in Odessa. I became a personal computer technician, worked in sales, was a store manager, network engineer/security consultant, project manager, and IT Director. I have lived in Mason since 2004 and retired in 2014. I am an FAA private and commercial pilot. My hobbies include palaeontology, aviation, astronomy, geology, archaeology, exploring, reading, and learning. I discovered a new genus and species of Cretaceous fossil marine reptile in 1989, which was described and named *Dallasaurus tumeri* in 2005.

Thanks to
 Mark Richardson and Vern Crawford for photographs and captions;
 Carla Stang and Reggie Cox for gathering biography statements.



REGISTER BY SEPTEMBER 23 FOR THE

KENDALL COUNTY LAND MANAGEMENT WORKSHOP

Monday, September 30, 2019
 9:15 a.m. to 3:30 p.m.

Come learn about:

- Testing Your Water and Soils in the Hill Country
- Web Soil Survey
- Living with Fire in the Wildland Urban Interface
- Wildlife Management
- Oak Wilt Identification & Management

Location
 Boerne Patrick Heath Public Library
 451 N Main St. Boerne, TX 78006

Payment
 Cash or check at the door

Please RSVP by September 23
 to Kendall Co. AgriLife Extension Office
 at 830-331-8242 or kendall-txetamu.edu

Make Checks Payable to:
 Kendall Ag Fund

Registration Fee
 \$15 Registration Fee
 Includes lunch and breakfast refreshments

Continuing Education
 CEUs will be offered



texasconservation.org

The View From Rusty Bend

Dust Diaries

*Deep in dry times, when my heart thirsts,
I outwit the drought with early walks
seeking secrets,
covert stories in the dirt.*

*The forked prints of fawns,
3-D calligraphy,
a swirl in the dust
marks the mating of buntings.*

*Deep scratches, a spot of blood,
paint a nocturnal chase, seize, capture.
In fine sand, scorpions
sign with dots and a long dash.*

*A palm-print the size of a three-year-old's
heralds a small bear of raccoon
who can taste with his hand,
open a jar.*

*Each track, distinct as a fingerprint,
the trot of fox,
dinosaur drag of armadillo's tail,
two tripods of turkey.*

*Right there, the soft gouge of rabbit's shoulder
diving for a dusty bath.*



August sunset at Rusty Bend

Dry, dry, bone dry at Rusty Bend. Too hot even for the lizards. After the robust birdsong of early summer, noticeably quiet too. Summer Tanager still shutter calls from the river, but Carolina Wrens dominate the morning with piercing cries of “procedure, procedure” and “schedule, schedule!” until we nickname them “hospital administrator birds.” Mockingbirds still flare about but remain mute as stones. Painted Buntings have headed south after porking out at the white millet feeder, mid-air fueling for the long journey.

As I walk the pasture, the air smells like bales of three year old hay. Cottonwood leaves rustle like shuffled cards and grapevines turn yellow to brown. Little color, save the stalwart Two-leaf Senna and the daily joy of wild petunias. Frostweed blossoms are brittle as toast and their leaves droop as if in sadness for migrating pollinators. Late summer dormancy is sleepy as January. Adaptive though, this hibernation testifies to persistence, a valuable trait in our changing climate.

Andy and I entertain ourselves with small pleasures. The bird bath is a Schlitterbahn for new cardinals, their beaks mottled as they turn black to red. They dive and tumble, shake off the water like loose-skinned dogs. The ravens race each morning in tight curves to get the best pickings in stubbled fields. A brave young raccoon dashes across the road, Mama and two siblings chitter and discuss then follow him, only to tumble wildly into each other on the other side. A demolition derby of raccoons.

continued on next page

Even the weathermen are getting jaded. One mocks the forecasting model, naming it a “feeble attempt at drought relief.” Still we love it here in our benevolent kingdom of armadillos and swamp rabbits. We’ll wait it out on the porch, hibernating quietly, holding hope for rain.

Priscilla’s Corner (In Memory of Priscilla Stanley)



Ruellia nudiflora var. Metzae

Wild Petunia

Poem, images and essay by Lucy Griffith Copyright 2019

Lucy Griffith, PhD co-manages the Rusty Bend Ranch with her husband, Andy Robinson. She also writes poetry; her muse, a tractor named Mabel. The story of the Burro Lady of West Texas, told in poems, We Make a Tiny Herd has just been published by Main Street Rag. (Next reading, 10/4, 6:30 pm at Branch on High in Comfort) Both Lucy and Andy are certified Master Naturalists. Comments welcome at doctorluz@hctc.net .



Advanced Training

THURSDAY, SEPTEMBER 19 1-2PM WILD BIRDS UNLIMITED, KERRVILLE

AT19-206 ALL ABOUT BIRDS

Kevin and Linda Pillow will provide an overview of local birds, bird behavior, feeding, and gardening for and attracting birds to your garden.

SATURDAY, SEPTEMBER 21 8:30AM-4:30PM UNIVERSITY OF HOUSTON, CLEAR LAKE

AT19-194 MONARCH CONSERVATION: TRAIN THE TRAINER

This is a one-day course on Monarch biology, ecology, and conservation. Cost: \$65. To register, go to <https://www.eventbrite.com/e/monarch-workshop-train-the-trainer-clear-lake-registration-65571487083>.

MONDAY, SEPTEMBER 23 6:45-8PM UPPER GUADALUPE RIVER AUTHORITY LECTURE HALL, KERRVILLE

AT19-204 TEXAS NATURE TRACKERS

Craig Hensley, biologist at Guadalupe River State Park and a life-long naturalist and natural history educator, will explain how Texas Nature Trackers works with citizen scientists to document the distribution of Texas flora and fauna.

TUESDAY, SEPTEMBER 24 1-2PM WEBINAR

AT19-188 MONARCH CONSERVATION: ENGAGEMENT AND EDUCATION

Katie-Lyn Bunny will present lessons, activities and curricula from Monarch Joint Venture Partners to use in educational and outreach opportunities. Go to <https://monarchjointventure.org/news-events/events>.

WEDNESDAY, SEPTEMBER 25 1-3PM RIVERSIDE NATURE CENTER, KERRVILLE

AT19-135 NEW CLASS GRASS IDENTIFICATION

Jim Stanley will teach how to identify native grasses of the Hill Country. All Texas Master Naturalists are welcome to attend.

THURSDAY, SEPTEMBER 26 8:30AM-6PM CAMP LUCY, DRIPPING SPRINGS

AT19-182 HILL COUNTRY ALLIANCE LEADERSHIP SUMMIT 2019

This annual summit provides an opportunity for Hill Country leaders to share, learn, network, and generate ideas for conservation strategies in the Hill Country. Katherine Romans, the HCA Executive Director, is the presenter. Cost (by Sept. 16): \$105. Contact Amy Crowell, amy@hillcountryalliance.org for further information and to register.

THURSDAY, SEPTEMBER 26 1-2 PM DIETERT CENTER, KERRVILLE

AT19-186 FOSSILS AND MINERALS OF THE EDWARDS PLATEAU

Mike McGinnis will discuss the geologic history associated with the major fossils and minerals found in the Hill Country. Register before 11am on Sept. 26. Cost: \$15.

SATURDAY, SEPTEMBER 28 8:30AM-4:40PM CENTRAL TEXAS ELECTRIC CO-OP, FREDERICKSBURG

AT19-177 NATIVE LANDSCAPE CERTIFICATION PROGRAM, FREDERICKSBURG - LEVEL 3

Lonnie Childs and Chris Anderson will focus on Installation and maintenance of native landscapes. Arrive by 8:25 to register. Bring your lunch and water and be prepared for walking outside. Contact Chris Anderson, sligo.canine@gmail.com for further information.

TUESDAY, OCTOBER 1 6:30-8PM CIBOLO NATURE CENTER AUDITORIUM, BOERNE

AT19-191 BIG TOOTH MAPLES OF CENTRAL TEXAS

Dr. O.W. "Bill" Van Auken will report on his recent study that used aerial images and drone photography, as well as ground surveys, to study deciduous plant communities.

SATURDAY, OCTOBER 5 8AM-4PM CIBOLO NATURE CENTER AUDITORIUM, BOERNE

AT19-203 NATIVE LANDSCAPE CERTIFICATION PROGRAM BOERNE - LEVEL 3

Gary and Brenda Fest will focus on installation and maintenance of native landscapes. The class includes both a classroom session and an outdoor knowledge walk. Cost: \$50, members of NPSOT; \$65, non-members. For more information, contact Mag Inglis, nlcp@npsot.org or 512-589-1316. To register, go to <https://npsot3.123signup/event.details/rvcry>.

SATURDAY, OCTOBER 5 9AM-4PM KERR WILDLIFE MANAGEMENT AREA, HUNT

AT19-193 KERR WMA FALL FIELD DAY

Deanna Pfeffer, John Komecek, Justin Foster, and Shaun Oldenberger are the presenters. Bring your lunch and be prepared for walking outside. RSVP to Deanna Pfeffer, deannapfeffer@tpwd.texas.gov.

WEDNESDAY, OCTOBER 9 12-1PM WEBINAR

AT19-196 OAK DECLINE IN THE UNITED STATES

Ryan Blaedow, U.S. Forest Service Plant Pathologist, will present a general overview of symptoms, range, impact, and possible management strategies. Go to <http://www.forestrywebinars.net/webinars/oak-decline-in-the-united-states?sr=wp~mkt-whenPub>.

WEDNESDAY, OCTOBER 9 1-3PM RIVERSIDE NATURE CENTER, KERRVILLE

AT19-137 NEW CLASS FORBS IDENTIFICATION

John Huecksteadt is the instructor and all Texas Master Naturalists are welcome to attend.

THURSDAY, OCTOBER 10 1-2PM DIETERT CENTER, KERRVILLE

AT19-187 THE IMPORTANCE OF THE EDWARDS PLATEAU AND LLANO UPLIFT

Understanding how the Edwards Plateau and Llano Uplift were formed enables a richer understanding of the importance of the Hill Country, Mike McGinnis is the presenter, Register by 11am; Cost: \$15.

THURSDAY, OCTOBER 10 6-7PM FREDERICKSBURG MIDDLE SCHOOL LIBRARY, FREDERICKSBURG

AT19-201 DARK SKIES AND WHY THEY MATTER

Bridget Langdale will focus on the importance of dark skies for wildlife and plants. Cost: \$20.

SATURDAY, OCTOBER 12 9AM-5PM HILL COUNTRY YOUTH EVENT CENTER, KERRVILLE

AT19-208 TREE CARE IN THE TEXAS HILL COUNTRY

The presenter is Dr. David N. Appel, Plant Pathologist. Register by Friday, October 4 by going to hillcountrymastergardeners.org or calling 830-257-6568. Cost: \$35, which includes snacks and box lunch.

WEDNESDAY, OCTOBER 16 6-7PM FREDERICKSBURG MIDDLE SCHOOL, FREDERICKSBURG

AT19-202 DEER ME! NATIVE PLANT LANDSCAPING DESPITE THE DEER

Chris Anderson will present a variety of techniques for selecting and defending Hill Country native plants that are suitable for any landscape. Cost: \$20.

TUESDAY, OCTOBER 22 6:30-8PM MEMORIAL PRESBYTERIAN CHURCH, FREDERICKSBURG

AT19-205 MADRONE LORE AND MORE: HOW TO PLANT A MADRONE TREE

David Winningham, owner of Natives of Texas Nursery, will share his knowledge of how to plant and grow a Madrone tree, although he cautions that nature actually is in charge of the latter process.

**The newsletter's publication schedule does not allow listing all AT events in each issue.
Check the chapter calendar on our website for additional AT.**

T E X A S



We meet on the fourth Monday of most months at 6:45 PM in the Upper Guadalupe River Authority Lecture Hall at 125 North Lehmann Drive in Kerrville.

Join us at 6:15 for our social half-hour.

Everyone is welcome.

Texas Master Naturalist mission:

To develop a corps of well-informed volunteers to provide education, outreach, and service dedicated to the beneficial management of natural resources and natural areas within their communities.

Board of Directors 2019

- Lisa Flanagan -- President
- Craig Childs -- Vice President
- Katy Kappel -- Secretary
- Cathy Binney -- Treasurer
- Paula Harley -- Advanced Training Director
- Catherine Gauldin -- Communications Director
- Reggie Cox -- Membership Director
- Tom Burke -- Volunteer Service Projects Director
- Carla Stang -- 2019 Class Director
- Steve Ramirez -- 2018 Class Representative
- Brenda Fest -- Immediate Past President
- Vern Crawford -- State Representative

The Texas Star is a monthly publication of the Hill Country Chapter of the Texas Master Naturalist Program. News, essays, comments, and ideas are welcome.

Please email them to:
Lenore Langsdorf, Editor
LenoreLangsdorf@gmail.com

The Hill Country Chapter does not recommend or endorse organizations or commercial sources mentioned in our newsletter. The opinions expressed are those of the authors and editor.



Questions about our chapter?
Email Reggie Cox,
Membership Director
hillcountrymembership@gmail.com

