

Texas
Master Naturalist
Lindheimer
Chapter
Newsletter
Summer 2018
Apr/May/Jun



Photo ©Joel Dunnington

2018 Annual Meeting



From Texas Master Naturalists: “Join us for our Texas Master Naturalist Program Annual Meeting to gather, learn and celebrate our 20th Anniversary. This year’s event will kick off Friday October 26th and run through October 28th, and is being hosted at the Sheraton Georgetown Hotel/Conference Center. This year’s agenda is PACKED with over 150+ sessions – more than we’ve ever had before! The Annual Meeting Agenda Matrix with session titles

is linked below. Please note, all agenda items are tentative at this time, except for meal times. As in years past,

registration includes signing up for technical sessions and field session attendance as many of the classrooms and space available on the field sessions is limited. Please prepare before registering with your preferred attendance at sessions. Our field sessions typically fill up very quickly! As an added BONUS this year, we have 30 – THIRTY – off site field sessions throughout the Georgetown and surrounding county areas. These are all in ADDITION to our typical concurrent technical session happening on site at the Sheraton Georgetown throughout the weekend. These field sessions are scattered from Thursday through Monday and we have developed a “Get Outside Guide” to be used for learning about these unique opportunities. All sessions contained in this guide will require pre-registration through the event registration page once live.”

Contents	Page
20 th Anniversary, TMN	1
LMN Facebook Page	2
Spotlight on Projects	3
Chapter Meetings	6
Recerts & Hours	8
Article: Things that Sting	9
The Mud Dauber Journal	10
iNaturalist	14
How to Use Amazon Smile	15
Chapter Info	16

For more information, go to the state’s website: www.tmn.org

Lindheimer Chapter on Facebook



If you've been following us on our Facebook page (if you haven't, please do!), you'll have seen some great nature photos from our members...send us yours for the LMN Facebook Page and the Newsletter! Clockwise: "Andy the Anole" by Teresa Turko; "The Baffled Squirrel" by MJ McFarland; "Hill Country Hideaway" by Nancy Hammack; "Streaking" by John Davis; and "Diamond Necklace" by Don Berquist. There are loads more on the page! Please check it out and "like" us!

A lot of information is posted on Facebook - meetings, activities, educational links and the activities of other groups in which you may be interested. Come see us! And "like" us!



Lindheimer Chapter Texas Master Naturalist: Volunteers in Action



January - May 2018: Texas Waters Specialist Certification

The purpose of the TPWD Texas Waters Specialist program is "to develop a

corps of well-informed volunteer specialists who provide education, outreach, and service dedicated to the beneficial management of **aquatic resources and aquatic habitats** within their communities for the state of Texas." A group of Lindheimer Chapter members are attending a series of sessions which will provide the advanced training hours necessary for certification.

Beginning in February, seven sessions based on the TPWD's Texas Waters Curriculum provided a total of 14 hours of waters AT. Those who qualified will receive pins and certificates in October from the state program.



LMN members volunteered for a wide variety of events during April and May, and participated in a field trip. Here are a few of the events:

April 15, 2018 - Dinosaur Day at the Texas Heritage Museum: Brian and Cheryl Trock did the Lindheimer Chapter proud (as they always do) when they represented us on Dinosaur Day. They provided outreach & education to 48 people, 7 of whom took more information on becoming MNs. That's Cheryl seated at the table, and Brian is standing there on the left. Wait - what? That's not Brian, that's the dinosaur? Oops, sorry for the mistake, Brian! 😊



April 14-15, 2018 - Folk Fest

A number of LMN members volunteered at the Folk Fest held at the Museum of Texas Handmade Furniture in New Braunfels. During the Folkfest, you are immersed in 19th century family living.



TEXAS A&M
AGRI LIFE
EXTENSION



Texas A&M AgriLife
Extension Service
- Comal County
325 Resource Drive,
New Braunfels, TX
78132

April 28, 2018 - AgriLife Open House

Lots of great stuff to do!
Our members assisted
AgriLife during the
Open House.

Texas A&M
AgriLife Extension
OPEN HOUSE
Beautiful Gardens - Bring the Kids!

Saturday, April 28, 2018
9:00 a.m. - 1:00 p.m.

Featuring demonstration gardens on vegetables, flowers, compost, native grasses, and much more! Multiple activities for kids! (Pony rides, face painting, petting zoo, scavenger hunt!)



Ladybug release



Butterfly display and gardens



Cabin Finch will be available to answer questions from 9 am to 1 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

May 5, 2018 - Wein & Sangerfest



May 19, 2018 - Field Trip to CEMEX Natural Area (photos by John Davis, Jim Doyle & Salty Brady)



CHAPTER MEETINGS

April 19, 2018

“The American Badger” with Dr. Pamela Owen



The humble badger (whom we learned, while being secretive, is actually far from humble) was the subject of a fascinating lecture by Dr. Pamela Owen (University of Texas), at the April 19th meeting of Lindheimer Master Naturalists.

The badger (Family: Mustelidae, Order: Carnivora, Genus/Species: *Taxidea taxus*) is a very robust and stocky animal with a short, bushy tail. It has a comical walk since it has to swagger or waddle because of its short legs and broad body. It has long, shaggy fur with a very distinctive white stripe that extends from its nose to its shoulders. The badger's back feet each have five toes, and the front feet have long, thick claws an inch or more in length. Badgers have small eyes and ears and a slightly pointed nose. Their keen sense of smell is second only to that of members of the dog family. Although they look cute and shy, badgers are ferocious fighters that should not be disturbed. They will growl, snarl and emit an unpleasant musk scent if provoked.

Badgers are found from Canada to deep within Mexico. They prefer plenty of room to hunt - wide prairies or plains and are “fossorial” or find their prey within holes in the landscape. They can be found almost all over Texas, with the exception of farthest East Texas. They range from sea level Padre Island to over 1500 feet in the Davis Mountains. Badger’s closest relatives are the weasel and the skunk. They are not particularly friendly and don’t even fraternize with their own species except during mating season. Badgers can hiss and seem quite ferocious. They have few natural enemies other than man. They are fierce fighters and are usually more than a match for any dog. In one recorded instance a badger successfully defended itself in a fight with two coyotes. **Thank you, Dr. Owen, for a great lecture!**



May 17, 2018

“Hummingbird Hotspot” with Kathleen Scott

Kathleen Scott provided a large group of attendees the *who, what, why, where & how* of attracting hummingbirds to your garden or backyard spot.

There are 18 species common to Texas, with 16 species verified in the Hill Country. Most commonly seen here are black-chinned, ruby throated and rufous hummingbirds. Rufous hummingbirds - mostly juvenile - are now known to overwinter in Texas.



In order to attract these beautiful and incredible little birds to your garden, yard or balcony, three things must be present in a hummingbird friendly habitat: shelter, food, and water for bathing. It’s basic, but hummingbirds are somewhat particular in their requirements. The shelter they seek, such as evergreens, trees and bushes will provide protection and food such as small insects. For food, plants with tubular flowers, as well as supplemental feeders, will draw these little birds to you. While they will feed off any flower, they do seem to prefer red. For water, hummingbirds will drink from drops of water on leaves, but they also like water to bathe in. Your bird bath needs to be very shallow, and fairly high off the ground to avoid predators such as cats. They also seem to prefer flowing or bubbling water. Members obtained much information and food for thought on how to entice these tiny beauties for a closer look! **Thank you, Kathleen!**

June 21, 2018

“Woody Plants of the Texas Hill Country” with Craig Hensley

“Dendrology 101” was the subject of the LMN Program on June 21 at Tye Preston Memorial Library when TPW’s Craig Hensley presented an informative and “hands-on” educational event on Woody Plants and Trees to almost 70 members and guests.

In addition to an introductory lecture with slides and diagrams, Craig explained characteristics of woody plants, twig characteristics, useful information on the many different types of leaves and useful methods for identifying these plants.

Then, with the assistance of TPW’s Terry Lashley, the group learned to use a basic biological identification tool: the Taxonomic or “Dichotomous Key” - “A **dichotomous key** is a tool that allows the user to determine the identity of items in the natural world, such as trees, wildflowers, mammals, reptiles, rocks, and fish. **Keys** consist of a series of choices that lead the user to the correct name of a given item.

“**Dichotomous**” means “divided into two parts”.

Craig and Terry had the group divide into smaller teams and identify plants from samples of their stems and leaves, using the Dichotomous Key. It was a great exercise and taught LMN members and guests the use of the key and how to use such tools in the future! A great presentation! **Thanks, Craig and Terry!**



Thank you and good luck, Craig!

As we learned in mid-June, Craig is leaving his position as a Park Interpreter at Guadalupe River State Park/Honey Creek State Natural Area. He has been promoted to Natural Resources Specialist III (Wildlife Biologist) for Comal and Kendall Counties. His duties and responsibilities will change, although outreach will still be important in his work.

Per the Texas Parks & Wildlife website, wildlife biologists design and conduct studies on the wildlife resources of Texas, manage wildlife in a specified region and may work with big game, small game, birds and nongame, and/or urban wildlife. Wildlife biologists also conduct surveys of wildlife species and their habitats, formulate recommendations for hunting seasons and bag limits, analyze data, prepare reports, act as professional witnesses during public hearings and supervise wildlife technicians. Wildlife biologists frequently assist landowners with the conservation, management and development of wildlife habitat and the proper management of the various wildlife populations which utilize that habitat. They directly manage wildlife habitat and conduct research and public hunts on 49 wildlife management areas across the state.

Probably every Lindheimer MN who has ever worked with “Ranger Craig” can tell you a tale or two about him. Mine comes from a “Prowlin’ with Owls” hike that he led on a cold winter’s eve, with a large, noisy group of us following behind him on the Barred Owl Trail. With all the noise, I thought we’d never see one of these nocturnal hunters, but Craig started hooting and within minutes, an owl flew in and perched in a tree just a few yards away, hooting back. Since I don’t speak owl, I don’t know what Craig said to entice him over (promised him a mouse?) but it was pretty astonishing. True story!

So, cheer up everyone! Craig will still be around, albeit in a different role. We are all very happy for a most deserving promotion for one of the best and most dedicated naturalists we know – Craig Hensley, the Owl Whisperer!

Recertifications & Volunteer Hour Milestones

Thank you for your dedication & service!



March 2018

Recertifications - Ocelot Pin

Joyce Doyle, Jane Schnell, Beth Jameson, Ron Butts, Gretchen Ferrell, Dottie Green, Judy Brupbacher, Harry Ferrell, Cheryl Trock, Julie Crouch, Jane Finneran, Joe Finneran, Pete Bryant, Sara Riggs, Coco Brennan.

Please note: Some of the folks pictured are receiving pins from previous months. Not all are pictured.



April 2018

Recertifications - Ocelot Pin

Rich Nielson, Deb Kyrouac, Marietta Diehl, Tom Mathey, Marilyn Garrison, David Reel, Mike Hammack, Mary Ann Richey, Ed Finger, Nancy Fitzpatrick, Cathy Oberkamp

Volunteer Milestones

250 Hours - Ed Finger

1,000 Hours: Dan Carroll, Gloria Glass, Rich Nielson

Please note: Some of the folks pictured are receiving pins from previous months. Not all are pictured.

May 2018

Recertifications - Ocelot Pin

Evelyn Nielson, Dan Madden, Gloria Glass, Jim McCullough, Bob Gray, Don Epps, Barry Brupbacher, Jensie Madden, Linda Valdez.

Volunteer Milestones

1,000 Hours - Teresa Turko

2,500 Hours: Darlene Varga

Please note: Some of the folks pictured are receiving pins from previous months. Not all are pictured.



Things that Sting in Texas: The Tarantula Hawk Wasp

Photos & Article by Marilyn J. McFarland



As is often with my interactions with Nature, I stumbled unknowingly into a dramatic event by picking up a clay pot sitting in the dirt against some rocks. A very large (2+ inches!) black insect with bright red-orange wings flew out, right at my face. I instantly recognized it as a hymenopterian (made up word), one of those stinging venomous things in the family *Hymenoptera*. I've learned not to swat at bees and wasps (declares war, ensures stings), so I ducked while she circled around me and then landed back on the ground. I watched her prowl around the ground like a bloodhound until she found a tarantula, at which time I noticed the tarantula next to my hand. When the wasp grabbed it by its head & dragged it rapidly five feet into a rock crevice, I realized this must be a tarantula hawk wasp (THW).

I googled this formidable beast. The sting of a THW is one of the most painful insect stings

in the world, so painful that a victim just falls to the ground screaming helplessly (according to victims). It won't kill you (unless you are allergic to the venom), but for about 10 minutes you'd prefer unconsciousness. It's the most painful insect sting in the US, so they say. I hope to never find out.

The THW is of Genus *Pepsis* - a parasitic wasp that loves big juicy spiders. There are a number of *Pepsis* species which are difficult to differentiate without minute photo detail (this one may be *Pepsis thisbe*

according to best guess by *iNaturalist* experts). Adults are "nectivorous," with reports of them unable to fly after drinking fermented fruit juice - in other words, THW's don't commit FWI's (Flying While Intoxicated). Does the thought of an insect with a Stinger Missile in its rear end getting drunk make me stop and think? Yes, yes it does.

Back to the victim - the tarantula I thought dead was only paralyzed. Gruesomely, the venom doesn't kill, just immobilizes to create a living snack for wasp babies. Once Mom has dragged the spider into the hole, she attaches one egg to it, seals up the chamber of horrors and leaves. When the baby hatches, the larva attaches its head to the body of the spider and starts to eat, saving the internal organs for last in order to keep the spider alive and fresh. It takes about a month - yes, a *month*.

Other interesting facts:

1. Females find tarantulas by "smell" (hence the "bloodhound" behavior I saw).
2. Males are harmless: no stingers, no hunting. They "hill-top" waiting for a female - that's their job.
3. Roadrunners eat tarantula hawks. That cheered me up - don't hate the hawks but prefer the spiders. Of course, the roadrunner also eats tarantulas. But see #5 below - no tarantulas, no tarantula hawk wasps!
4. Adult females shelter in ground burrows; one more reason to wear shoes when walking outside.
5. Where you find tarantulas, you will also find THWs - which win 90% of the encounters with the spider.

Forewarned is forearmed - avoid the tarantula hawk wasp, whether you are spider or person!





The Mud Dauber Journal



An Account of the Activities of the
Lindheimer Chapter Master Naturalists-in-Training Class 2017-2018

April 21, 2018: The Mud Daubers Present EARTH DAY 2018

Earth Day

FREE & OPEN To The Public!

FUN for the Whole Family!

Meet Reps of the Army Corps of Engineers and the Heritage Museum

2018

Learn about native grass, rainwater collection, bee keeping and more!

Saturday, April 21 ~ 10:00 am to 2:00 pm

Tye Preston Memorial Library



More than 20 Exhibitors
"Dirt Painting" activities
Skins & Skulls
Birding

Hands-on activities for kids
Face Painting
Butterflies
Fossils



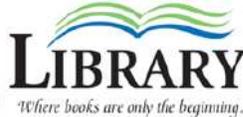
T E X A S



Texas Master Naturalist,
Lindheimer Chapter
www.txmn.org/lindheimer



TYE PRESTON MEMORIAL



16311 South Access Road,
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May 5, 2018 Mud Dauber Field Trip: A Birding Experience

Article by Mike Hammack, Class Educator

Photos by Richard Scarbrock, Mud Dauber Class Member

The current Lindheimer Chapter Master Naturalist class, “The Mud Daubers”, visited the Crescent Bend Nature Park in Schertz on 5 May 2018 for a field trip dedicated to birding. As many of the readers well know, Crescent Bend is a true Texas birding hotspot. The nature park is located on the migration routes of many species. Migratory bird movement begins in March and continues through May with other species remaining year-round. In addition to the native habitat, several bird feeders and a well-constructed bird blind add to the park’s attractions.

Tom and Patsy Inglet, noted experts and birding enthusiasts, guided the class through the park in hands-on interactive small group tours. The week prior to the field trip,

Tom and Patsy had taught the group birding essentials during a very informative classroom session. On the day of the field trip, the class was blessed with exceptionally good weather and a wide plethora of birds. As Patsy said, “We really enjoyed working with this class in the field, and we couldn't have asked for a more beautiful day.” During the morning field trip, **the class identified 179 individual birds of over 50 species** and recorded their findings in eBird, a project of the Cornell Lab of Ornithology.



The Mud Daubers at Crescent Bend Nature Park

One of the beautiful birds seen on the field trip to Crescent Bend Nature Park.



The Mud Daubers were universally impressed and appreciative. One of the class members, Carol Dillingham, exclaimed, “It was my favorite field trip to date!” Another class member, Gigi Vaughn said it best, “Today’s birding hike was perfect! Perfect weather, perfect guides, perfect sightings! My first Blue Grosbeak! What a beauty. Made a big difference in how I’m going to view our backyard birds. Biggest improvement for me was how to actually use my binoculars! What a difference that makes. Thank you, Patsy, for your patience and fun lecture.”

For the birding enthusiasts in our group, Crescent Bend Nature Park is the place!

June 30, 2018: Mud Daubers Hike Honey Creek

Article by Mike Hammack, Class Educator

Photos by Mike Hammack and Debbie Kyrouac, Class Educators



On Saturday, 30 June 2018, the Mud Daubers hiked three & a half-hours through the rough terrain and Texas mid-day sun on a

guided tour of Honey Creek State Natural Area on one of their class field trips. The Mud Daubers not only met the challenge – they triumphed over all obstacles!



“Only mad dogs, Englishmen and MUD DAUBERS go out in the midday sun.”

(With apologies to Rudyard Kipling and Noel Coward for the deliberate misquotes.)



Terry Lashley instructs the Mud Daubers on the unique features of Honey Creek.

Master Naturalists and Friends of Guadalupe River State Park). These two guides were incredibly knowledgeable and personable. As Hugo Mondragon, a class member, said, “The whole Honey Creek hike experience was excellent.

If I had to pick one thing, I could not. I would have to pick two. The first was the expertise of our docents in explaining the history of the area and their expertise of plant and tree identification. The second was our luck in running into the zoologists conducting field research.

Martha Bersch, class member, expressed a similar point of view: “The highlight for me was the serendipitous meeting with Andy and Suzanne from the San Antonio Zoo and their fascinating description of the research related to diabetes and autism being done on the non-native Mexican Tetra fish which survives in Honey Creek because of the relatively constant temperature of the water.”

Rick Corbell noted that “Honey Creek Natural area is a unique landscape and the hike was very educational and fun. Wilt and Terry did a fantastic job of pointing out the plants and history of the area around the Rust house. We were lucky to meet up with Andy Glusencamp’s team of researchers and hear about their work. Honey Creek is definitely the prettiest setting on all the field trips so far this year.”

Allison Sciaraffa summed up the class’ outlook in her assessment, “The hike was incredible. It was beautiful, educational and really made us feel connected with nature. It was very peaceful.”

The tour was a very informative multidiscipline naturalist field experience covering many of the TMN class topics from throughout the academic year in an integrated manner. The diverse geology, flora and fauna and several miles of nature interpretive trails made for the perfect outdoor class room experience.

The tour was led by Wilt Shaw and Terry Lashley (Texas



Wilt Shaw provides the group with insights into the Honey Creek habitat.

Contributing to Citizen Science: iNaturalist.org

“Citizen Science” is the participation of non-scientists in scientific research. As naturalists, many of us already participate in citizen science projects that contribute to the body of scientific knowledge about plants, animals & insects: butterfly surveys, bird counts, plant identification. AND we take pictures – LOTS of pictures! Each picture is an observation and represents an opportunity to increase the scientific knowledge of what, where & when. One of the largest citizen science projects is iNaturalist, a world-wide, on-line database of observations provided by citizen scientists like Master Naturalists.



From www.inaturalist.org: “From hikers to hunters, birders to beach-combers, the world is filled with naturalists, and many of us record what we find. What if all those observations could be shared online? You might discover someone who finds beautiful wildflowers at your favorite birding spot or learn about the birds you see on the way to work. **If enough people recorded their observations, it would be like a living record of life on Earth that scientists and land managers could use to monitor changes in biodiversity, and that anyone could use to learn more about nature.**”

Here are the numbers as of July 17, 2018 (WOW!):

Location	Observations	Species	Identifiers	Observers
World	11,435,687	170,257	47,759	306,082
Texas	1,163,428	16,255	9,113	22,934
Comal County	4,951	1,379	795	620

How to get started? Go to www.inaturalist.org and sign up. You can pick a cool user name such as “sea-kangaroo” or use your name “SamSmith”. Then go to “Getting Started” & follow the directions. If you have an iPhone or an Android & download the mobile app, it’s really easy to submit your observations.

The information you need to submit is: 1) Photo or sound; 2) date; 3) location; 4) your species identification (you can get help from the iNaturalist community on identification). It’s that simple!

Within iNaturalist are specialty projects which usually have a much narrower focus – such as “Herps of Texas” or “Texas Monarchs and Milkweeds.” You can join as many projects as you like and add your data to the appropriate projects. Here is what a sample observation looks like:

Photos/Sounds	Species/Taxon	Date Observed	Place	Date Added	
	Western Diamondback Rattlesnake <i>Crotalus atrox</i>	September 11, 2005	Val Verde County, TX, USA (Google, OSM)	October 16, 2016 10:07 AM CDT	3 IDs Research Grade Edit View »

The data quality assessment in the far right column documents the observation’s accuracy. “Research Grade” observations can be used by scientists (and citizen scientists!) for research.

- You can upload sounds like bird songs, frog chirps, whale vocalizations and wolves howling at the moon!
- Accepted are observations of dead animals and roadkill.
- You can search anywhere in the world for any living species. Want to know how many & where a Western Diamondback was found? You can query the database by species, location, date.
- If you want to be a citizen scientist, iNaturalist is the place to start!

How to Donate to Our Chapter Using Amazon Smile



- **What is AmazonSmile?** AmazonSmile is a simple and automatic way for you to support your favorite charitable organization every time you shop, **at no cost to you**. When you shop at smile.amazon.com, you'll find the exact same low prices, vast selection and convenient shopping experience as Amazon.com, with the added bonus that Amazon will donate a portion of the purchase price to your favorite charitable organization. You can choose from over one million organizations to support.
- **How do I shop at AmazonSmile?** To shop at AmazonSmile simply go to smile.amazon.com from the web browser on your computer or mobile device. You may also want to add a bookmark to smile.amazon.com to make it even easier to return and start your shopping at AmazonSmile.
- **Which products on AmazonSmile are eligible for charitable donations?** Tens of millions of products on AmazonSmile are eligible for donations. You will see eligible products marked "Eligible for AmazonSmile donation" on their product detail pages. Recurring Subscribe-and-Save purchases and subscription renewals are not currently eligible.
- **Can I use my existing Amazon.com account on AmazonSmile?** Yes, you use the same account on Amazon.com and AmazonSmile. Your shopping cart, Wish List, wedding or baby registry, and other account settings are also the same.
- **How do I select a charitable organization to support when shopping on AmazonSmile?** On your first visit to AmazonSmile smile.amazon.com, you need to select a charitable organization to receive donations from eligible purchases before you begin shopping. We will remember your selection, and then every eligible purchase you make at smile.amazon.com will result in a donation.
- **Can I change my charity?** Yes, you can change your charity any time. Your AmazonSmile purchases after the change count towards your newly selected charity. To change your charity, sign in to smile.amazon.com on your desktop or mobile phone browser and simply select "Change your Charity" in "Your Account."
- **What charities can I choose from?** You can choose from over one million eligible 501(c)(3) public charitable organizations.
- **What if my selected charity does not register to participate in the AmazonSmile program or becomes ineligible?** If your selected charity does not register to participate, becomes ineligible, or requests to be removed from the program, you will have a chance to select a different charity to receive the accrued donations that have not yet been disbursed to your charity. If you do not select a different charity, the accrued donations will be distributed to other organizations receiving donations.
- **If I represent a charitable organization, how can I learn more about registering my organization for AmazonSmile?**
Go to org.amazon.com to learn how to register your organization to receive donations.
- **How much of my purchase does Amazon donate?** The AmazonSmile Foundation will donate **0.5% of the purchase price** from your eligible AmazonSmile purchases. The purchase price is the amount paid for the item minus any rebates and excluding shipping & handling, gift-wrapping fees, taxes, or service charges. From time to time, we may offer special, limited time promotions that increase the donation amount on one or more products or services or provide for additional donations to charitable organizations. Special terms and restrictions may apply. Please see the relevant promotion for complete details.
- **Can I receive a tax deduction for amounts donated from my purchases on AmazonSmile?**
Donations are made by the AmazonSmile Foundation and are not tax deductible by you.
- **How can I learn more about AmazonSmile?**
Please see complete AmazonSmile [program details](#).

CHAPTER INFORMATION



2018 CHAPTER OFFICERS

President Rich Nielson
 Vice President Jim Doyle
 Secretary Kim Wright
 Treasurer Evelyn Nielson
 Past President/TMN Rep Joel Dunnington



STANDING COMMITTEES

Communication - Marilyn McFarland
 Education - Deb Kyrouac; Mike Hammack
 Membership & Records - Brian Trock
 Outreach - Darlene Varga
 Projects & Opportunities - Jeanie Springer



SUBCOMMITTEES

Communication Subcommittees

Historian - Marilyn McFarland, Peggy Haley
 Newsletter - Carmen Horn, Editor;
 MJ McFarland, Asst.; Bill Suddith, Photography
 Out & About - Sara Riggs
 Publicity - Marilyn McFarland
 Social Media - Jennifer Hendren
 Webmaster - Marie Miller

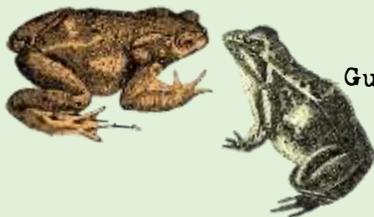
Outreach Subcommittees

Trunks - Darlene Varga
 PAL - Art Williams
 Speaker's Bureau - Darlene Varga

VP Subcommittees

Community Recognition - Jim Doyle
 Hospitality - Joyce Doyle, Salty Brady

Chapter Advisors



Craig Hensley
 Texas Parks & Wildlife
 Guadalupe River State Park

Troy Luepke
 Texas A&M AgriLife
 Extension Service

LMN Board Meetings
 4th Monday 5:00-6:00
 AgriLife Building



Chapter Meetings - 3rd Thursday
 5:45 Social, 6:15 Speaker
 Tye Preston Memorial Library

July 19 - "Hill Country Growth &
 Land Conservation" with Daniel
 Oppenheimer, Hill Country Alliance

August 16 - "Phenology" with Jon
 Zeitler, National Weather Service

September 20 - LMN Chapter Video
 with Art Williams



October 18 - GRADUATION!!!!

LMN HOSPITALITY

Many thanks to Joyce Doyle, Hospitality
 Head, and the LMN members
 who volunteer to feed us
 such delicious food.



**Wow! Earn 1 VH
 by bringing
 refreshments!**

Sign up with

Joyce Doyle at the next meeting!

April

Tom & Mary Mathey, Kristi Martinez,
 John Davis, Cheryl Trock, Lois Ricci,
 Harry & Gretchen Ferrell

May

Steve Jones, Debbie Kyrouac, Ellen
 Anderson, Peggy Haley, Marilyn
 McFarland, Jane Schnell

June

Kim Wright, Nancy Hammack,
 Denise Miner-Williams,
 Sara Riggs, Jane Finneran,
 Glenna Dunnington,
 Jim & Joyce Doyle