



Lindheimer Chapter Texas Master Naturalist™



2022 Annual Archive

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Photo Contributors



Our Chapter Photographers
No where was the flora & fauna of Texas
captured better than by our chapter photogs!
Our members submitted incredible & inspiring
photos that added beauty to our lives.

Many, many thanks to

(in alphabetical order):

Edith Bergquist, Don Bergquist, Susan Bogle,
Judy Brupbacher, Joel Dunnington,
Peggy Haley, Nancy Hammack
Debbie Kyrouac, Amber Lujan, Christy Martinez,
Dave Mathews, MJ McFarland,
Rich Nielson, Sara Riggs, Jane Schnell,
Brian Trock, Teresa Turko & Darlene Varga.

TEXAS MASTER NATURALIST PROGRAM™

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 for the State of Texas.

Need: Many communities and organizations rely on such citizen volunteers for implementing youth education programs; for operating parks, nature centers, and natural areas; and for providing leadership in local natural resource conservation efforts. In fact, a short supply of dedicated and well-informed volunteers is often cited as a limiting factor for community-based conservation efforts.

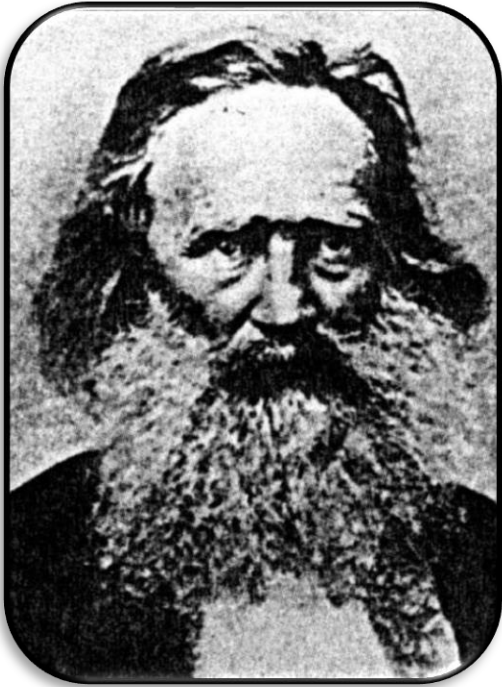
TMN provides volunteers with 40 hours of initial training, including field and classroom instruction. Certified Master Naturalist Volunteers then give a minimum 40 hours of community service annually and earn 8 hours advanced training annually.



Sponsors:



LINDHEIMER CHAPTER



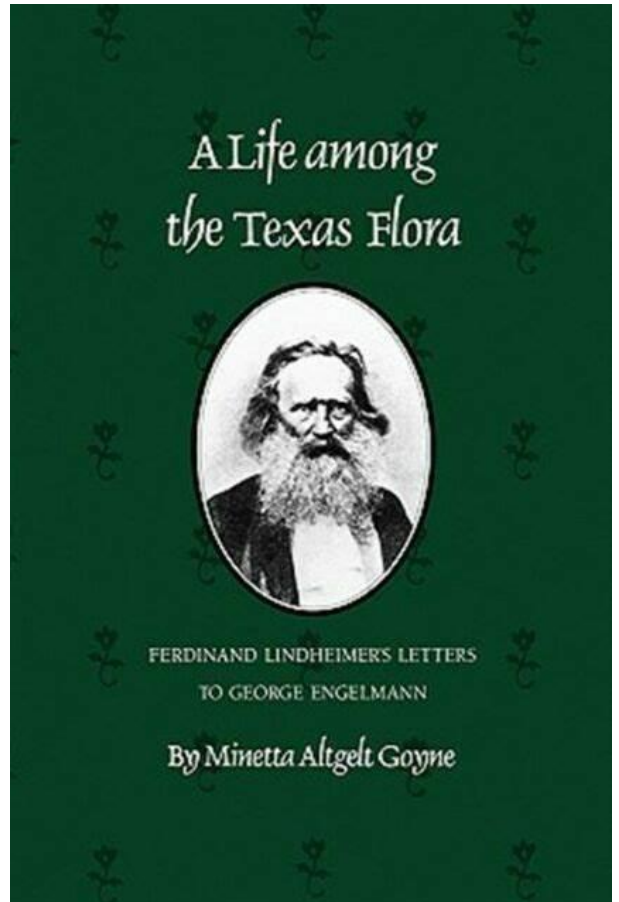
The Lindheimer Chapter of the Texas Master Naturalist Program was established in 2000. Located in Comal County in the Texas Hill Country, we are an active, vibrant and growing organization of volunteers committed to preserving the natural resources of the Texas Hill Country for current and future generations.

Our chapter is named after Ferdinand Jacob Lindheimer (1801 – 1879), who is called the “Father of Texas Botany.” He immigrated from Germany in his early thirties, travelled throughout Texas discovering and documenting Texas flora. He found a permanent home on the banks of the Comal River in 1844, when New

Braunfels was founded. Lindheimer collected 1500 botanic species in Texas over a period of thirteen years (more than thirty species are named after him). His home in New Braunfels is now a museum which draws many visitors annually.

“A Life Among the Texas Flora”

Ferdinand Lindheimer's Letters
to
George Engelmann
by Minetta Altgelt Goyne





2022 CHAPTER LEADERSHIP

PRESIDENT Rich Nielson
 VICE PRESIDENT Sue Sommer
 SECRETARY Rob Kyroutac
 TREASURER Don Epps
 PAST PRESIDENT Rich Bradley

Email: LindheimerMNContact@gmail.com

<https://txmn.org/lindheimer/chapter-info/lmn-board-members/lmn-board-minutes-archive/>

DIRECTORS/COMMITTEES

Education/New Class – Joe Finneran, Ellen Petray, Judy Henfey
 Membership & Records & VMS – Brian Trock
 Outreach Committee – Deb Kyroutac
 Projects & Opportunities Committee – Jeanie Springer



COMMUNICATIONS

Director – Marilyn McFarland
 Out & About – Sara Riggs

SUBCOMMITTEES

Outreach

Trunks – Deb Kyroutac & Jane Schnell
 Program to Assist Landowners – Art Williams

VP

Community Recognition – Sue Sommer
 Hospitality – Sue Sommer



2022 Class: Nine-banded Armadillos

President/Class Representative – Caroline Broderick
 Photographer – Lesley Frowick

CHAPTER ADVISORS

Craig Hensley

Nature Tracker Biologist

Texas Parks & Wildlife Department

Jason Mangold

Comal County Extension Agent

Texas A&M AgriLife Extension Service



OPEN TO MEMBERS

Board of Directors Meeting



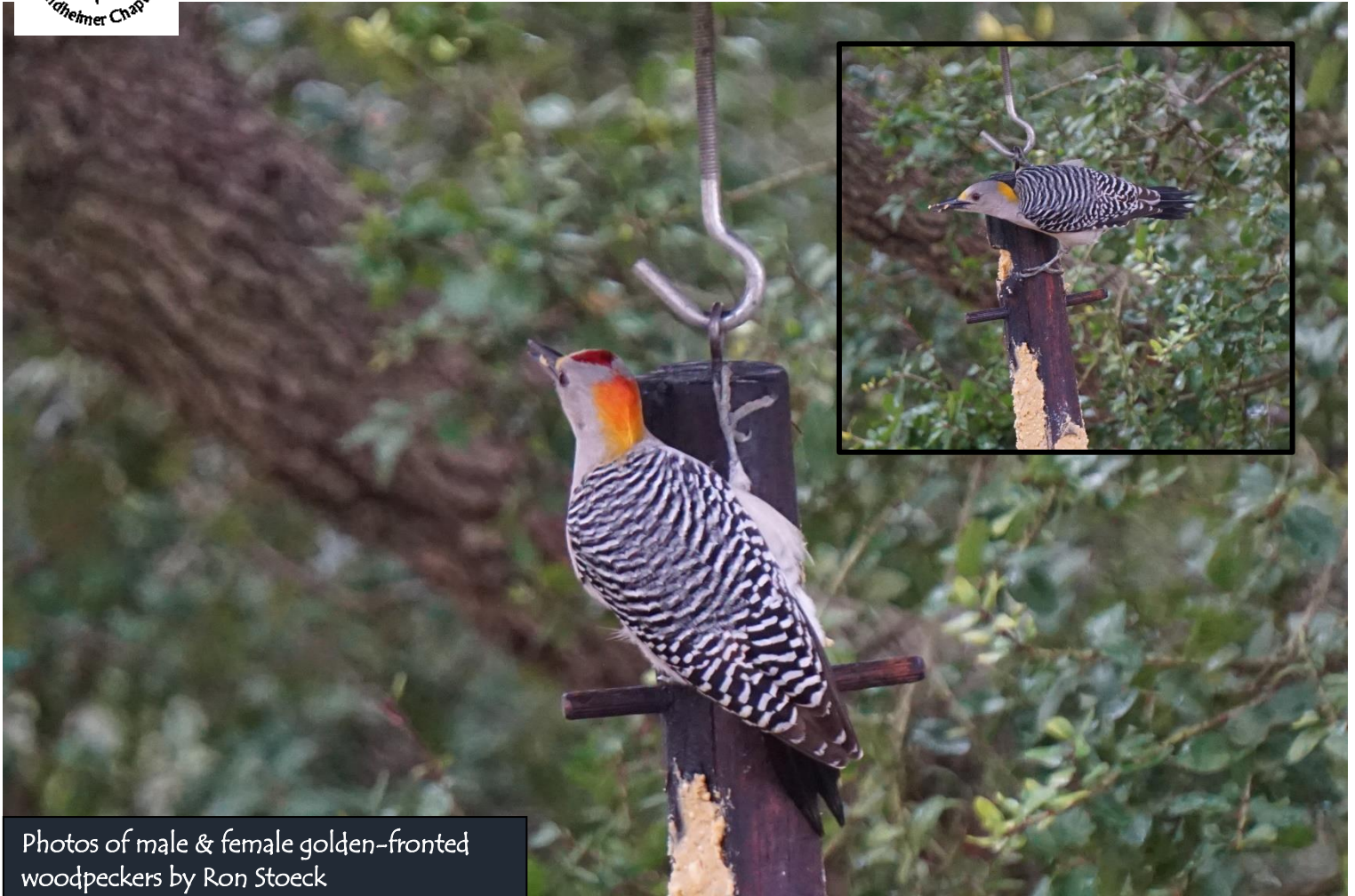
Every 4th Monday of the month at 5PM
 Comal County AgriLife Extension Center
 325 Resource Dr.
 New Braunfels, TX 78132

2022 Recertifications & Milestones

Congratulations on your accomplishments!

Thank you for your volunteerism!

	Recertifications	Milestone Awards
January 2022	Susan Bogle, Judy Henfrey, Brian Trock Marilyn McFarland, Sara Riggs Rhonda Neel, Lois Ricci, Darlene Varga	250 Hours: MV Poffenberger, Mike Roberts, Karen Matson, Brenda Stoeck
February 2022	Ellen Anderson, Edith Bergquist, Joe Finneran, Jim Jameson, Ellen Petray, Patricia Porterfield, Jeanie Springer, Cheryl Trock	250 Hours: Judy Henfrey, Lisa Smith 1,000 Hours: Don Epps, Nancy Gray
March 2022	Don Bergquist, Ron Butts, John Davis, Jim Doyle, Erin Harrison, Deb Kyrourac, Valerie Lefebvre, Rich Nielson, Cathy Oberkamp, MV Poffenberger, Susan Sommer, Mary Williams	250 Hours: Aleta Meyer, Haley Faver, Mary Williams 500 Hours: Marilyn Garrison, Cathy Oberkamp 1,000 Hours: Beth Jameson, Rhonda Neel
April 2022	Don Epps, Haley Faver, Heidi Forgione, Lynn Jones, Rob Kyrourac, Aleta Meyer, Jane Miller, Lisa Smith	250 Hours: Toni Wayne, Ellen Petray, Patricia Porterfield, Margaret Olivier 1,000 Hours: Jim Doyle
May 2022	Heidi Case, Jane Finneran, Pat Fletcher, Gail Groves, Sarah Mato, Joni McGhee, Dana Murray, Evelyn Nielson, Mike Roberts, Brenda Stoeck, Teresa Turko, Linda Valdez	250 Hours: Steve Verschoyle 500 Hours: Susan Sommer
June 2022	John Corkill, Don Fletcher, Laird Ingham, Scott Ofsdahl, Robert Trott	250 Hours: John Corkill, Scott Ofsdahl
July 2022	Rich Bradley, Julie Crouch, Gretchen Ferrell, Harry Ferrell, Lori Largent, Debbie Subke	250 Hours: Dave Skasik
August 2022	Lynn Boyd, Vanessa Brown, Kathy Ofsdahl, Jack Olivier	250 Hours: Michael Buley
September 2022	Sandra Carson, Joel Dunnington, Henry Hahn, Beth Jameson, Margaret Olivier, Dave Skasik, Melissa Skasik, Teresa St. John, Steve Verschoyle, Arthur Williams	250 Hours: Heidi Case 500 Hours: Heidi Forgione
October 2022	Nancy Gray, Bob Gray, Christy Martinez, Toni Wayn	500 Hours: Rob Kyrourac
November 2022	Philip Brown, Michael Buley, Pat Carnes, Craig Dillion, Shari Ferguson, Kathy Lamon, Steve Mato, Denise Miner-Williams, Miguelita Scanio, Ron Stoeck, Eric Weissgarber	250 Hours: Eric Weissgarber 500 Hours: Christy Martinez, MV Poffenberger 1,000 Hours: Joe Finneran 5,000 Hours: Darlene Varga
December 2022	Laura Austin, Mary Barr-Gilbert, Elizabeth Bowerman, Salty Brady, Cynthia DeWitt, Sherri Green, Janet Hahn, Karen Kimbell, Tanya Marroquin, Karen Matson, Holly McCoy, Sandy McLemore, Marie Miller, Valorie Robertson, Linda Bolano, Caroline Broderick, Mike Poffenberger	250 Hours: Miguelita Scanio, Ron Stoeck 500 Hours: Judy Henfey 1,000 Hours: Craig Dillion 4,000 Hours: Don Bergquist



Photos of male & female golden-fronted woodpeckers by Ron Stoeck

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Golden-fronted Woodpecker *Melanerpes aurifrons*

The golden-fronted woodpecker is the common open-country woodpecker of eastern Mexico and northern Central America. It crosses the border mainly in southern Texas, where it is very common, noisy, and conspicuous. Similar in appearance and behavior to its relative, the Red-bellied Woodpecker. Where their ranges meet in Texas and Oklahoma, the two species aggressively defend territories against each other, and they sometimes interbreed.

Feeding Behavior Searches for insects on tree trunks and limbs, gleaning them from bark or probing below surface. Clammers about in branches of trees or shrubs to pick nuts, berries, or fruits. May forage on ground, and sometimes catches insects

in flight. Cracks open mesquite pods to eat the seeds. Likes suet!

Eggs: Usually 4–5, up to 7. White. Incubation is by both sexes (with male incubating at night and part of day), 12–14 days. Young: Both parents feed nestlings. Young leave nest about 30 days after hatching, may associate with parents for some time thereafter. 1–2 broods per year, rarely 3.

Young: Both parents feed nestlings. Young leave nest about 30 days after hatching, may associate with parents for some time thereafter. 1–2 broods per year, rarely 3.

Diet: Omnivorous. Feeds on a wide variety of insects. Also eats nuts, berries, fruits, and seeds of many plants; will eat many acorns where they are available.

Nesting: Advertises nesting territory with loud calls, sometimes with drumming. Nest site is a cavity in trunk of tree (live or dead) such as mesquite or oak, or in telephone poles or fence posts. Cavities are usually fairly low, typically less than 20' above ground. Both sexes help excavate the cavity, which may be used for more than one season.

Other birds you may see at your feeder/backyard:



L > R: Carolina wren by Brian Trock; lots of birds at the feeder by Brenda Stoeck; Carolina chickadee by MJ McFarland; Golden-cheeked Warbler (endangered) by Brian Trock; Hummingbird by James Davis/Edith Bergquist.



New process for online attendance at monthly Chapter Meetings!

Go to the Lindheimer Chapter web page at www.txmn.org/lindheimer/ and select "Chapter Meetings". Click on the meeting link and you're there!



Monthly Chapter Meeting

When: Thursday, April 21, 2022 at 6:00 pm

What: "Heritage Museum of the Texas Hill Country – Trackways and Beyond"

Who: Janice Epps, President, Board of Directors, Heritage Museum

Where: In person: Tye Preston Memorial Library
Online: <https://txmn.org/lindheimer/chapter-info/next-meeting/>

Join us for a program on one of the natural wonders of Texas!

The Heritage Museum of the Texas Hill Country

You will learn about the history of the museum (fascinating & unusual) and what the museum has to offer to the community in educational programs and events (a lot!).



Heritage Museum of the Texas Hill Country was incorporated in November of 1995. It is a 501 (C) (3) organization dedicated to the collection, conservation, preservation, and display of materials associated with the natural and cultural history of the Texas Hill Country, as well as the education of visitors using its collections. For the last 20 years, the museum has been trying to protect and preserve over 200 dinosaur footprints and 28 separate trackways. Made approximately 110 million years ago, the footprints and trackways are part of the early Cretaceous period in the upper Glen Rose Formation. You can become a member of the Museum – just go to their website!

Our speaker is Janice Epps, President of the Heritage Museum Board since 2019. Janice, (along with husband, Don) are Life Members of the Museum since 2017. Janice's background is in business/accounting with a Masters in Accounting from UofH. Her expertise is in business management.



The Heritage Museum of the Texas Hill Country

HOURS OF OPERATION Wednesdays-Sundays 12:00 – 4:00 PM Closed on major holidays

ADDRESS 4851 FM 2673, Canyon Lake, TX 78133

WEBSITE <https://www.theheritagemuseum.com/about>

PHONE 830-899-4542 **EMAIL** museum@gvfc.com

Chapter Information Page



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SECRETARY

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Sue Sommer

Rob Kyrouac

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CHAPTER ADVISORS

Craig Hensley, Texas Parks & Wildlife, Wildlife Tracker

The Lindheimer Quarterly Newsletter

MJ McFarland – Editor

Newsletter published quarterly by the Lindheimer Chapter, Texas Master Naturalist™ to communicate, educate & inform chapter members & the Hill Country Community. Current and previous issues of The Quarterly are posted on the website www.txmn.org/lindheimer.

CONTACT

Email: LindheimerMNContact@gmail.com

Website: <https://txmn.org/lindheimer>

Facebook: <https://www.facebook.com/txmn.lindheimer/>

Snail Mail: Lindheimer Chapter
c/o Comal County AgriLife
325 Resource Dr.
New Braunfels, TX 78132

2022 MONTHLY CHAPTER MEETINGS

January 24

Madrone Pollinator Trail with Susan Bogle

February 17

Don't Mess with Texas Bees" with Charlie Agar

March 17

"Native Seeds" with George Cates

April 21

"Heritage Museum" with Janice Epps

May 19

Ilina Peña, Texas Wildlife Association

June 15

July 21

August 18

September 21

October 20

November 17

December: Date TBA



2022 Board of Directors Meetings

Every 4th Monday at 5:00 PM

Meetings are via WEBEX

All members welcome



- January 24 ● February 28 ● March 28 ● April 25
- May 23 ● June 27 ● July 25 ● August 22
- September 26 ● October 24 ● November 28
- December 26

Board Minutes available at:

<https://txmn.org/lindheimer/chapter-info/lmn-board-members/lmn-board-minutes-archive/>



The Red-tailed Hawk

by MJ McFarland

Red-tailed hawks (RTH) are raptors (birds of prey) in the same family as eagles and kites, the family *Accipitridae*. There are over 200 species of hawks in the world with up to 25 of those species living in the United States. RTH are a year-round resident to the entire state of Texas. Red-tails are one of the largest birds of prey in North America. They can easily be recognized by their large size, red tails & shrill screams. The photo by Darlene Varga provides a perfect illustration of why they're called "red-tailed."



Photo by Darlene Naney Varga

COLORATION Most Red-tailed Hawks are rich brown above and pale below, with a streaked belly and, on the wing underside, a dark bar between shoulder and wrist. The tail is usually pale below and cinnamon-

Length: 17.7-25.6 in
Weight: 24.3-51.5 oz
Wingspan: 44.9-52.4 in

Bird Cam! [Red-tailed Hawks](#)
[Cornell Lab Bird Cams](#) [Cornell Lab](#)
[Bird Cams \(allaboutbirds.org\)](#)

red above, though in young birds it's brown and banded. "Dark-morph" birds are all chocolate-brown with a warm red tail. "Rufous-morph" birds are reddish-brown on the chest with a dark belly. Red-tailed Hawks have extremely variable plumage, and some of this variation is regional...south Texas forms are darker above, without the dark belly band most other Red-tails have. See www.allaboutbirds.org/guide/Red-tailed_Hawk/id.



FEATHERS The feathers and other parts of the red-tailed hawk are considered sacred to many American indigenous people and, like the feathers of the bald eagle and golden eagle, are sometimes used in religious ceremonies and found adorning the regalia of many Native Americans in the United States; these parts, most especially their distinctive tail feathers, are a popular item in the Native American community. As with the other two species, the feathers and parts of the red-tailed hawk are regulated by the eagle feather law which governs the possession of feathers and parts of migratory birds.

wikipedia.org/wiki/Eagle_feather_law **HUNTING**

Red-tailed hawks are diurnal. They will soar above their territory, usually on clear days, keeping a lookout for intruders. They are mostly solitary but are social during breeding season and migration. These hawks prefer to form their nests in wooded fence rows at the edge of forests, or in large trees within open areas. Pairs will stay together for years within the same territory. They are very territorial, defending territories that range from 0.85 to 3.9 square kilometers, based on the availability of food, perches, and sites for nests. The female is more aggressive than the male around the nest, while the male is more aggressive with regard to the territory

Photo by Darlene Naney Varga

boundaries animalia.bio/red-tailed-hawk. Red-tailed hawks are "sit & watch" hunters, commonly seen perched high up on telephone wires or in treetops waiting for their next meal to appear. These majestic birds feed on all types of small mammals like rats, squirrels and rabbits, other birds, and reptiles like snakes. Sometimes they also eat frogs, insects, and carrion. Their incredible eyesight allows them to spot prey and quickly swoop down to catch their meal. If you keep small livestock, such as backyard chickens, be warned they will be a favorite target for this skilled hunter.

REPRODUCTION & NESTING

Red-tailed hawks usually mate at 3 years old. They are monogamous and stay with the same partner for many years. They soar together in circles during courtship, their flights lasting 10 minutes and more. Mating usually occurs

Did you know: A baby hawk is called an *eyas*. Male hawks are called *tierces*, while female hawks are called *hens*. A group of hawks is known as a *kettle*, a *cast* or an *aerie*.

following these flights. Nests are usually placed to be easily approached from above and to have a wide view, such as in the top of a tall tree or

structure. Nests are built or refurbished by both sexes using deciduous sticks 1-2 cm ((0.4-0.8 in) in diameter. The nest cup is usually lined with bark strips, fresh coniferous or deciduous sprigs and other vegetation. In this cup the female usually lays 2-3 white to light buff eggs at 2-day intervals. Buff to red-brown or purple markings vary from sparing to heavy.

Incubation starts after the first egg is laid and lasts 28-35 days with both parents participating. Young birds usually remain in the nest for 42-46 days and then spend another 7-8 weeks with their parents. Pairs will stay together for years within the same territory. They are very territorial, defending territories that range from 0.85 to 3.9 square kilometers, based on the availability of food, perches, and sites for nests. The female is more aggressive than the male around the nest, while the male is more aggressive with regard to the territory boundaries. A hawk's lifespan depends on the species, as there are many different types. The red-tailed hawk has a lifespan ranging from 13 to 21 years. txtbba.tamu.edu/species-accounts/red-tailed-hawk/

VOCALIZATIONS The cry of the red-tailed hawk is a 2- to 3-second, hoarse, rasping scream, variously transcribed as *kree-eee-ar*, *tsee-eeee-arrrr* or *sheeeeeee*, that begins at a high pitch and slurs downward. The red-tailed hawk frequently vocalizes while hunting or soaring, but vocalizes loudest and most persistently in defiance or anger, in response to a predator or a rival hawk's intrusion into its territory. At close range, it makes a croaking *guh-runk*, possibly as a warning sound.

Did you know:

the Red-tailed hawk is one of two hawks most commonly flown by falconers? [FAQ's](#) (texashawking.org)

Did you know...the fierce, screaming cry of the adult red-tailed hawk is frequently used as a generic raptor sound effect in television shows and other media, even if the bird featured is not a red-tailed hawk. It is especially used in depictions of the bald eagle, whose screams are far softer and chirpy.

Did you know...As of 3/16/22, Comal County has reported 65 sightings of red-tailed hawks in iNaturalist!



LMN Chapter Project Bird Blind, Butterfly Garden & Wildscape (BBW) at AgriLife Gardens

Sign up: <https://www.signupgenius.com/go/70A0C4FA9AA28ABF58-1stqtr1>

Busy Days at the BBW
Photos by Brian Trock





Madrone Trail Pollinator Garden





Recertifications and Milestone Awards

2022 Recertification Pin – Lightning Whelk

CONGRATULATIONS AND THANK YOU TO OUR VOLUNTEERS



	Recertifications	Milestone Awards
December 2021 Sideoats Grama 	Joyce Doyle	
January 2022 	Susan Bogle, Judy Henfrey, Marilyn McFarland, Rhonda Neel, Lois Ricci, Sara Riggs, Brian Trock, Darlene Varga	250 Hours: MV Poffenberger, Mike Roberts, Karen Matson, Brenda Stoeck
February 2022	Ellen Anderson, Edith Bergquist, Joe Finneran, Jim Jameson, Ellen Petray, Patricia Porterfield, Jeanie Springer, Cheryl Trock	250 Hours: Judy Henfrey, Lisa Smith 1,000 Hours: Don Epps, Nancy Gray
March 2022	Don Bergquist, Ron Butts, John Davis, Jim Doyle, Erin Harrison, Deb Kyrouac, Valerie Lefebvre, Rich Nielson, Cathy Oberkamp, MV Poffenberger, Susan Sommer, Mary Williams	250 Hours: Aleta Meyer, Haley Faver, Mary Williams 500 Hours: Marilyn Garrison, Cathy Oberkamp 1,000 Hours: Beth Jameson, Rhonda Neel

2022 Recertification Pin!



Texas Master Naturalist Program™ 2022 Pin: Lightning Whelk, Texas State Shell

1st Quarter Monthly Meetings

Make sure to join us for 2nd Quarter meetings! Check out our webpage!



Lindheimer Chapter
Texas Master Naturalist Program™

Monthly Chapter Meeting
When: Thursday, January 20, 2022 at 6:00 pm
What: "The Madhene Trail Pollinator Garden – Birth of a Garden"
Who: Susan Bogle
Where: Online via WEBEX
Members: Login to our Members Area for the Link (you'll need the chapter password)
Non-members: Email LindheimerMNCContact@gmail.com



Join Susan Bogle to:
"Learn how this new garden came into being and how it will serve to attract the butterflies, bees & birds that are essential for pollination, as well as providing an example to both local citizens and visitors of how to attract pollinators with the proper utilization of native plants and garden design."



Susan Bogle is a member of Lindheimer Chapter since 2004 and has amassed 16,000 volunteer hours! She is very well known in the community for her design & maintenance of gardens and trails in & around Canyon Lake and frequently lends her expertise to other groups & organizations. She says, "By the way, that tool I'm holding will be the 'most used' tool during the development of the MTPG. I use it to remove the KR Bluestem."



Lindheimer Chapter
Texas Master Naturalist Program™

Monthly Chapter Meeting
When: Thursday, February 17, 2022 at 5:45 pm
What: "Don't Mess with Texas Bees!"
Who: Charlie Agar, Beekeeper
Where: Online via WEBEX
Members: Login to our Members Area for the Link (you'll need the chapter password)
Non-members: Email LindheimerMNCContact@gmail.com


Charlie Agar got his first hive of bees in 2013, but when he started doing nuisance hive removals the following year his beekeeping work blossomed into a sideline business that's spawned new friendships, travel, and lots of crazy experiences. Today he does bee removals, manages 150 colonies, and helps landowners all across Central Texas. His work with bees is the subject of the Austin PBS reality TV show Charlie Bee Company. Charlie lives in New Braunfels with wife Kaye, three dogs, and their backyard chickens.



CHARLIE BEE COMPANY
<https://charliebee.com>

Charlie captures nuisance honey bees from walls and trees and takes them to a rural "bee-hab" for a little rehabilitation. He then loans bees for agricultural tax valuation on ranch properties all across the area. The byproduct of all this work is golden delicious Texas Hill Country honey Charlie likes to call "Liquid Sunshine."


WOW! Beginning January 8, 2022 on Austin PBS, KLRU-TV, Charlie Bee Company will be airing Sundays at 4:30 PM, with encore presentations on Sundays at 2:00 PM. In the Spring of 2022, following its Austin debut, Charlie Bee Company will be airing nationwide on PBS through American Public Television.




Lindheimer Chapter
Texas Master Naturalist Program™

Monthly Chapter Meeting
When: Thursday, March 17, 2022 at 6:00 pm
What: "Native Seeds"
Who: George Cates, Restoration Specialist
Native American Seed www.seedsources.com
Where: Hybrid Meeting
In person at Tye Preston Memorial Library
Online via WEBEX Here's the link:
<https://barn.org/lindheimer/chapter-info/next-meeting/>

Join us for a presentation on native seeds!



Planting native seeds is one small, but important step in safeguarding the web of life. Many sensible people are now enjoying the adventure, discovery and benefits that come with taking an active role in ecological landscape restoration.



About our speaker: George came to Native American Seed shortly after graduating from college in Sherman, TX. He's got a remarkable facility for looking at problems as "challenges" to be met, and the kind of willingness to learn that is a priceless asset in a business full of the unexpected, unpredictable and at times downright chaotic. His persistence and attention to detail, along with his ability to grasp the "big picture," are qualities that allow him to move easily and competently to the spots where help is needed when he's not busy in the barn cleaning seeds.

Contributing to Community/Citizen Science: Naturalist.org



"If enough people recorded their observations, it would be like a living record of life on Earth that scientists and land

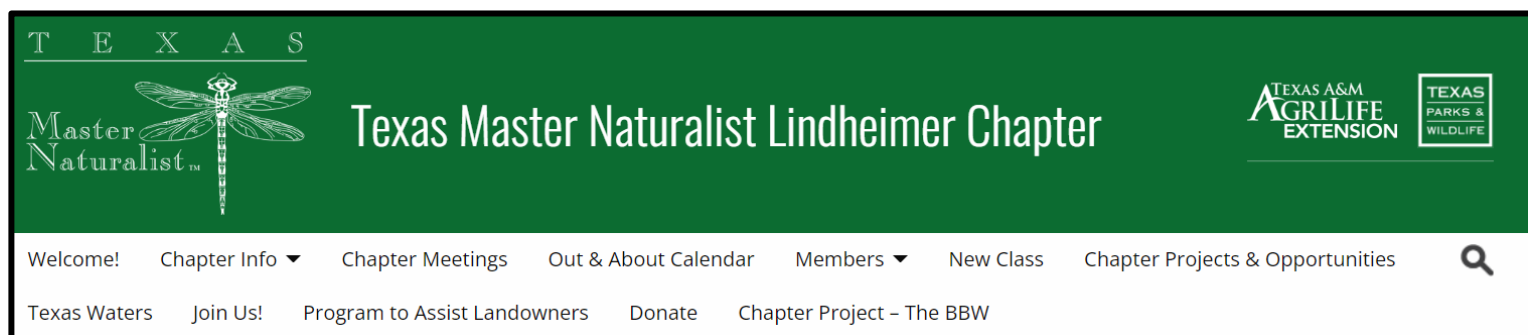
Here are the numbers as of 4/7/2022. Take a look at Comal County!!!

Location	Observations	Species	Observers
World	93,354,794	344,170	2,062,463
Texas	5,845,207	24,539	113,929
Comal County	79,289	4,259	3,800



Electronic Lindheimer

Website: [www://txmn.org/lindheimer/](http://www.txmn.org/lindheimer/)



Facebook: www://facebook.com/txmnlindheimer

Ops & Info: Weekly email with news, announcements, and AT/VH opportunities sent to your email every Sunday.

The Lindheimer Quarterly

2nd Quarter 2022



Photo of a fox family by LMN member Brenda Stoeck

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Hot! Hot! Hot! Watch out for heat injuries!

Heatstroke is a condition caused by your body overheating, usually as a result of prolonged exposure to or physical exertion in high temperatures. This most serious form of heat injury, heatstroke, can occur if your body temperature rises to 104 F (40 C) or higher. The condition is most common in the summer months.

Heatstroke requires emergency treatment. Untreated heatstroke can quickly damage your brain, heart, kidneys and muscles. The damage worsens the longer treatment is delayed, increasing your risk of serious complications or death.

HEATSTROKE SYMPTOMS:

- **High body temperature.** A core body temperature of 104 F (40 C) or higher, obtained with a rectal thermometer, is the main sign of heatstroke.
- **Altered mental state or behavior.** Confusion, agitation, slurred speech, irritability, delirium, seizures and coma can all result from heatstroke.
- **Alteration in sweating.** In heatstroke brought on by hot weather, your skin will feel hot and dry to the touch. However, in heatstroke brought on by strenuous exercise, your skin may feel dry or slightly moist.
- **Nausea and vomiting.**
- **Flushed skin.**
- **Rapid breathing.**
- **Racing heart rate.**
- **Headache.**

When to see a doctor

If you think a person may be experiencing heatstroke, seek immediate medical help. Call 911 or your local emergency services number. Take immediate action to cool the overheated person while waiting for emergency treatment.

- Get the person into shade or indoors.
- Remove excess clothing.
- Cool the person with whatever means available — put in a cool tub of water or a cool shower, spray with a garden hose, sponge with cool water, fan while misting with cool water, or place ice packs or cold, wet towels on the person's head, neck, armpits and groin.

From the Mayo Clinic. www.mayoclinic.org/diseases-conditions/heat-stroke/symptoms-causes/syc-20353581

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The Lindheimer Quarterly Newsletter

MJ McFarland – Editor

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May 19 Iliana Peña, Texas Wildlife Association
June 15 The Composition of Soil with Darla Reid
July 21 Dinosaurs of Texas with Arthur Williams
August 18 "Trees of Texas" with Doug Dalglish
September 21 TBA
October 20 TBA
November 17 TBA
December: Date TBA

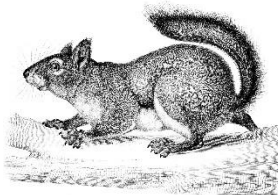


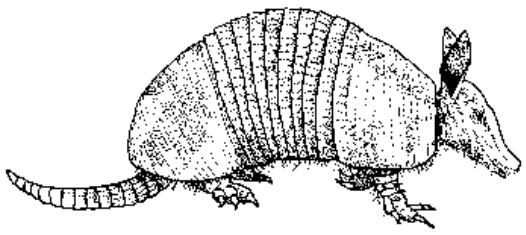
2022 Board of Directors Meetings Every 4th Monday at 5:00 PM Meetings are via WEBEX All members welcome

● January 24 ● February 28 ● March 28 ● April 25
● May 23 ● June 27 ● July 25 ● August 22
● September 26 ● October 24 ● November 28
● December 26

Board Minutes available at:

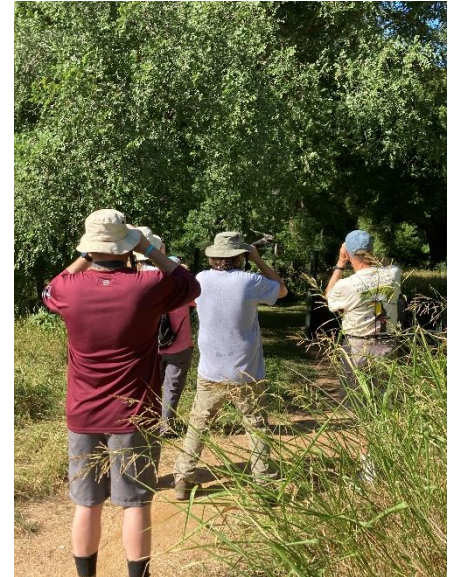
<https://txmn.org/lindheimer/chapter-info/lmn-board-members/lmn-board-minutes-archive/>





2022 Class: Nine Banded Armadillos

Field Trip to Crescent Bend: Very focused bird watchers!



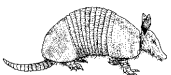
Photos by class member
Caroline Broderick.



Lindheimer Chapter is saying goodbye to two of our members of the Initial Training Committee. Erin Harrison and Haley Faver are moving to East Texas, where their family is located and have resigned from the Initial Training Committee. Good luck in the move and thanks for all you have done for the Chapter. We'll miss you!

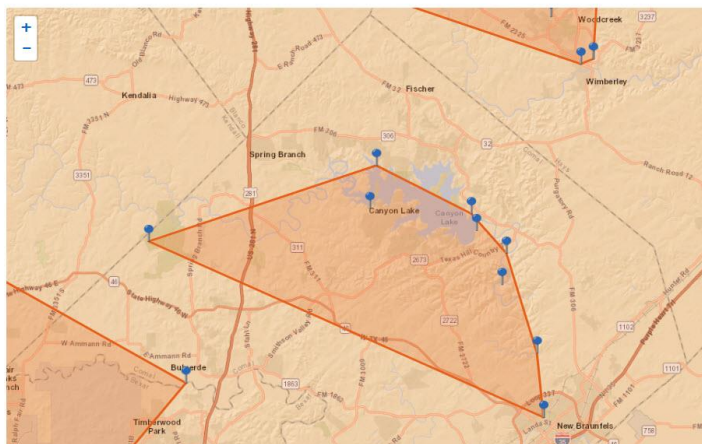
When asked, Erin said: "Haley and I will transfer to the Sabine-Neches chapter at the beginning of next month. Their volunteer work stretches from the beach into the forests. I'll miss working at Bracken Bat Preserve Cave here. But they do work with sea turtles. So that's cool. It's been a great time with my handful of years with the Lindheimer Chapter. It will always be my first home. ♡ "

New Initial Training Committee Members: Joe Finneran, Judy Henfey



LMN Chapter Projects

West Guadalupe Loop



at dnvarga@att.net

Adopt-A-Loop

Adopt-A-Loop is a new chapter project. TPWD is asking MN chapters to adopt one of the existing loops on the Great Texas Wildlife Trails. The West Guadalupe Loop (part of the Heart of Texas East trail) is located in Comal County. This project will involve making 4 site visits to each trail once per season. The goal is to check on the site description and make updates (bird the area using eBird and add any additional observations on iNaturalist). We are looking for interested chapter members we can team up to cover the sites on our loop. If you would like to look at the sites, copy and paste the link:

<https://tpwd.texas.gov/huntwild/wildlife/wildlife-trails/hote/west-guadalupe-loop>. Anyone interested in finding out more about this volunteer opportunity, please contact Darlene Varga



Bird Blind, Butterfly Garden & Wildscape (BBW) at AgriLife

Signup: <https://www.signupgenius.com/go/70AOC4FA9AA28ABF58-3rdqtr1>

Madrone Trail Pollinator Garden

Contact Susan Bogle at ifbogle@gvvc.com if you plan to attend. She will give you additional instructions once she knows you will be coming.

Please note: Regular work at the garden is being suspended for July and August because of the excessively high temperatures.

We will probably return to our regular schedule in September.

Stay cool!



4 Mile Creek at Weston Ranch Eco-Challenge

<https://www.signupgenius.com/go/70AOC4FA9AA28ABF58-weston>

Contact: Rich Nielson



For more info on all these projects, go to our website:
[Texas Master Naturalist Lindheimer Chapter \(txmn.org\)](https://www.txmn.org/)

Recertifications and Milestone Awards

2022 Recertification Pin – Lightning Whelk



CONGRATULATIONS ON YOUR ACHIEVEMENT!
THANK YOU TO OUR VOLUNTEERS!

	Recertifications	Milestone Awards
December 2021 Sideoats Grama 	Joyce Doyle	
January 2022 	Susan Bogle, Judy Henfrey, Marilyn McFarland, Rhonda Neel, Lois Ricci, Sara Riggs, Brian Trock, Darlene Varga	250 Hours: MV Poffenberger, Mike Roberts, Karen Matson, Brenda Stoeck
February 2022	Ellen Anderson, Edith Bergquist, Joe Finneran, Jim Jameson, Ellen Petray, Patricia Porterfield, Jeanie Springer, Cheryl Trock	250 Hours: Judy Henfrey, Lisa Smith 1,000 Hours: Don Epps, Nancy Gray
March 2022	Don Bergquist, Ron Butts, John Davis, Jim Doyle, Erin Harrison, Deb Kyrouac, Valerie Lefebvre, Rich Nielson, Cathy Oberkamp, MV Poffenberger, Susan Sommer, Mary Williams	250 Hours: Aleta Meyer, Haley Faver, Mary Williams 500 Hours: Marilyn Garrison, Cathy Oberkamp 1,000 Hours: Beth Jameson, Rhonda Neel
April 2022	Don Epps, Haley Faver, Heidi Forgione, Lynn Jones, Rob Kyrouac, Aleta Meyer, Jane Miller, Lisa Smith	250 Hours: Toni Wayne, Ellen Petray, Patricia Porterfield, Margaret Olivier 1,000 Hours: Jim Doyle
May 2022	Heidi Case, Jane Finneran, Pat Fletcher, Gail Groves, Sarah Mato, Joni McGhee, Dana Murray, Evelyn Nielson, Mike Roberts, Brenda Stoeck, Teresa Turko, Linda Valdez	250 Hours: Steve Verschoyle 500 Hours: Susan Sommer
June 2022	John Corkill, Don Fletcher, Laird Ingham, Scott Ofsdahl, Robert Trott	250 Hours: John Corkill, Scott Ofsdahl

2nd Quarter Monthly Meetings

Lindheimer Chapter
Texas Master Naturalist Program

Monthly Chapter Meeting
When: Thursday, April 21, 2022 at 6:00 pm
What: "Heritage Museum of the Texas Hill Country – Trackways and Beyond"
Who: Janice Epps, President, Board of Directors, Heritage Museum
Where: In person: Tye Preston Memorial Library
Online: <https://tamm.org/lindheimer/chapter-info/next-meeting/>

Join us for a program on one of the natural wonders of Texas!
The Heritage Museum of the Texas Hill Country

You will learn about the history of the museum (discovering it unusual) and what the museum has to offer to the community in educational programs and events (a lot).

Heritage Museum of the Texas Hill Country was incorporated in November of 1995. It is a 501 (C) (3) organization dedicated to the collection, conservation, preservation, and display of materials associated with the natural and cultural history of the Texas Hill Country, as well as the education of visitors using its collections. For the last 20 years, the museum has been trying to protect and preserve over 200 dinosaur footprints and 28 separate trackways. Made approximately 100 million years ago, the footprints and trackways are part of the early Cretaceous period in the upper Glen Rose Formation. You can become a member of the Museum – just go to their website!

The Heritage Museum of the Texas Hill Country
HOURS OF OPERATION: Wednesday - Sunday 12:00 - 4:00 PM Closed on major holidays
ADDRESS: 4871 FM 2875, Canyon Lake, TX 78133
WEBSITE: <https://www.heritemuseum.com/visit>
PHONE: 830-679-4442 **EMAIL:** info@heritemuseum.com

Lindheimer Chapter
Texas Master Naturalist Program

Monthly Chapter Meeting
When: Thursday, May 19, 2022 at 6:00 pm
What: Overview of Texas Wildlife Association
Who: Chad Timmons, Conservation Education Specialist
Where: Online: <https://tamm.org/lindheimer/chapter-info/next-meeting/>

Please note: Meeting is Online ONLY

Mission
 Serving Texas wildlife and its habitat, while protecting property rights, hunting heritage, and the conservation efforts of those who value and steward wildlife resources.

Speaker
 Our speaker is Chad Timmons, Conservation Education Specialist with TWA since September 2021. About: Chad attended Texas State University. Prior to his current position he was a teacher in the Austin Independent School District for over 15 years. Chad has many certifications, including Level 2 Instructor (Archery), Boaters Education, Leave No Trace, Project Learning Tree, Project Wild, Basic Archery Instructor, Paddle Sports, Angler Education & Fly-Fishing Instructor, and Wilderness First Aid. Join us online May 19 for an introduction to the Texas Wilderness Association!




Lindheimer Chapter
Texas Master Naturalist Program

Monthly Chapter Meeting
When: Thursday, June 16, 2022 at 6:00 pm
What: "The Composition & Ecology of Soil"
Who: Darla Reid, Research Scientist, Cibola Nature Center
Where: Online: <https://tamm.org/lindheimer/chapter-info/next-meeting/>
In-person: Tye Preston Memorial Library

Cibola Center for Conservation
 The Cibola Center for Conservation transforms lives through the love of nature, welcoming guests into a beautiful natural Hill Country setting for nature education, enriching community experiences, and environmental research in action. Participation in water conservation, land stewardship, care for wildlife, sustainability, planting, and the celebration of harvest remind guests of their shared humanity, resulting in a community of belonging.

Join us and learn about the soil beneath your feet!

Our speaker is Darla Reid, Research Scientist. After 20 years of administration and customer service experiences, Darla decided to go back to school to implement a change in her career path. Always called a "soil huggie", she completed her Environmental Science degree from the University of Texas at San Antonio in 2018. Over the years through volunteering, she found herself in jobs that benefited the environment and furthered conservation. In late 2021, she was hired by Donna Taylor of the Cibola Center for Conservation as her replacement as Environmental Research Scientist on staff. Since then, Darla has looked forward to each day as another learning opportunity in a field she loves.


DARLA REID
 Research Scientist

Contributing to Community/Citizen Science: iNaturalist.org



Photo of endangered Golden Cheeked Warbler
by LMN member Brian Trock

"Community Science" (formerly "Citizen" Science) is the participation of non-scientists in scientific research. As naturalists, many of us already participate in community 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 community science projects is iNaturalist, a world-wide, on-line database of observations provided by community scientists like Master Naturalists.

"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." How to get started? Go to www.inaturalist.org and sign up!

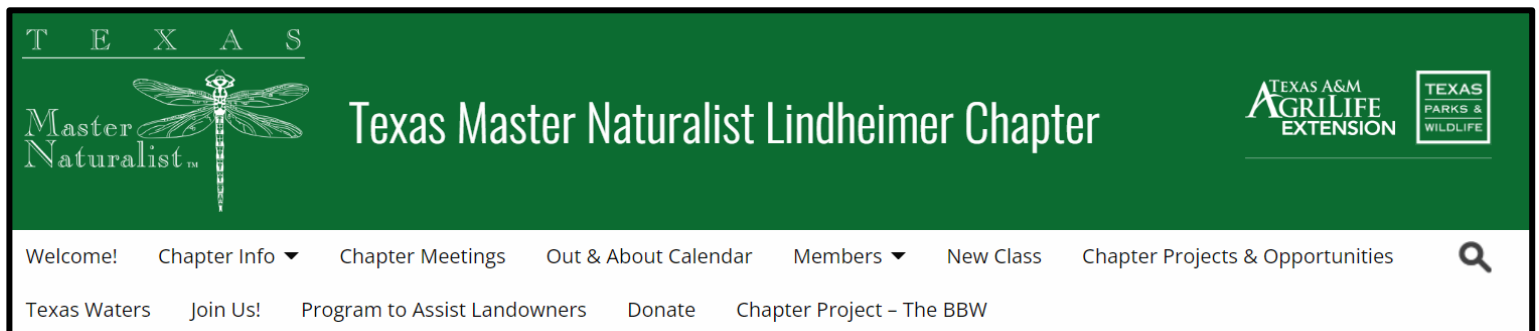
Here are the iNaturalist numbers as of 7/10/2022. Take a look at Comal County!!!

Location	Observations	Species	Observers
World	106,487,534	385, 568	2,265,088
Texas	6,474,583	25,444	123,954
Comal County	89,864	4,447	4,173

Electronic Lindheimer



Website: www://txmn.org/lindheimer/



Facebook: www://facebook.com/txmn.lindheimer

Ops & Info: Weekly email with news, announcements, and AT/VH opportunities sent to your email every Sunday.

The Lindheimer Quarterly

3rd Quarter 2022



Photo of 2022 Class at Bamberger Ranch Field Trip by class member Lesley Frowick

Table of Contents

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2	Column by Mary B Wentzel
4	Photography Winners!
5	Dues
	VMS Codes
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7	2022 Class – Bamberger Ranch
8	Opportunities – GRSP and Fischer Park Education Center
11	Re-certs & Milestone Awards
13	Community Science
	The Electronic Lindheimer

From the Editor:

Our officer elections for 2023 is next month. Here is our slate of candidates:

President: Michael Buley

Vice President: Sue Sommer

Secretary: Rob Kyrouac

Treasurer: Don Epps

Also, the Class of 2022 will complete their training & become Certified Texas Master Naturalists! Congrats! The graduation ceremony, election vote and dinner will be held at the December Chapter Meeting.

MJ McFarland

Take It or Leave It by Mary B Wenzel



Ghosts from the past...bwah ha-ha-ha!
"Yoda" has returned to haunt all of you kind souls
in the Lindheimer Chapter of the TMN Program. Allow me introduce myself. My name is **Mary B Wenzel** and I'm a **founding member of this amazing chapter from 2000 and first graduating class of 2001**. And as a very good friend and fellow TMN told me several times: "Once a TMN ALWAYS a TMN."

It's a lifelong journey learning about how things work, live and grow in Texas nature. We all love it – don't we? We all have our special interests in this amazing program as we learn about the great state of Texas.

My interest is growing native plants and the intimate connection they have with supporting the environment and many living things that depend on them. I've learned that knowing the land and taking the time to identify as many existing plants as possible will allow for better decisions concerning the health of the area. From there, it's possible to attract and support wildlife more successfully. Build it and they will come...:) So, since we're on this journey together in some form or another, I thought I'd offer a few insights, stories and successes that I've experienced as a direct result of becoming immersed in the TMN program.

Here at Almosta Ranch, we decided to build a butterfly garden back in 2002. That's where we'll start. It was a big deal – especially back in 2000 when there weren't many native plants available commercially around this area. I found out 5 major lessons back then:

1) identify the existing desirable native plants **BEFORE** clearing;



- 2) build a fence around the garden to take the deer predation pressure off the vegetation;
- 3) plant native grasses and less palatable native flowering plants outside the fence and mix 'em up to add texture and interest;
- 4) start small/build from there;
- 5) learn to propagate! Use at least 4 levels of vegetation to attract different species: large trees, understory trees, shrubs and various flowers and ground cover. Always provide water and occasionally supplemental seed (we provide sunflower seed).

So, with those "words of wisdom" I'll close with a small list of plants that have worked here for us:

Understory trees:

- Tx. Mock orange (*Philadelphus texensis*)
- Carolina Buckthorn (*Frangula caroliniana*)
- Texas Madrone (*Arbutus xalapensis*)

Shrubs:

- Agarita ((*Mahonia trifoliata*))
- American beautyberry (*Callicarpa americana*)
- Barbados cherry (*Malpighia emarginata*)

Flowers:

- Fall aster-lavender (*Symphyotrichum oblongifolium*)
- Mist flower-blue (*Conoclinium coelestinum*)
- Boneset-white (*Eupatorium perfoliatum*)

Stay tuned...to be continued! 😊



Photos of Almosta Ranch by Mary B Wenzel



Texas Master Naturalist State Meeting

Two of our members entered the photographic contests at the state meeting and won!

CONGRATS!!!



"Bracken Bat Cave at Sunset"
by Mike Poffenberger
1st Place – Scenery



"It's early!"
by Darlene Varga
3rd Place – Wildlife (Other)



2023 Chapter Dues

Members at the October Chapter Meeting approved **annual membership dues of \$25.00** per member commencing in 2023. We've been needing a consistent source of income in order to support and expand the work we do.

Payment is due by December 31, 2022. If payment is not received by January 31, 2023, you will be moved to inactive status in the VMS. If dues pose a hardship, please notify President, Treasurer or Membership Director about assistance.

Make checks payable to "Texas Master Naturalist Lindheimer Chapter" and mail it to the Treasurer at:

LMN Chapter Treasurer Don Epps
250 Northridge Dr
New Braunfels, TX 78132

Payment may also be made at chapter meetings via check or cash.

If you have any questions, please don't hesitate to contact our President, Treasurer, or Membership Director.

Thank you for volunteering with LMN!

Opportunity Codes for Documenting Your Hours in VMS

Do you wonder sometimes how to enter your hours into the VMS? Here's a guide! More info on the VMS here: [Report Your Hours \(txmn.org\)](https://txmn.org) Also, be on the lookout for Membership Chair Brian Trock's emails which explain the codes!

Code	Opportunity	Description	Examples
AT	Advanced Training	Advanced Training that you attend as a participant	*Chapter/NPSOT/Lunch & Learn meetings *Project WILD (Instructor/facilitator trng) *Cibola NC/LBJWC/TMN/etc.
CB	Chapter & Program Business	Activities related to managing and running a Master Naturalist Chapter and its committees	*Board of Directors/Officers/Committee Chairs *Newsletter/website management *Management of chapter records *Hours or chapter reporting *Other chapter business
FR	Field Research (Including Surveys)	Planning, leading or participating in data collection and/or analysis of natural resources where the results are intended to further scientific knowledge	*CoCoRaHS *Banding and tagging *Project Feeder Watch, MLMP, water testing, etc.
NPA	Nature/Public Access	Field-based activities that improve and manage the the public's access to natural areas or resources. Creating and/or maintaining nature trails, wildscapes, and/or interpretive areas	Developing new or improving existing: *Hiking trails *Gardens (interpretive, butterfly, habitats, etc.) *Wildlife viewing blinds *Wildscapes
OT	Other	Animal Rescue Only	*Wild animal rescue
PO	Public Outreach (Indirect)	Leading, organizing, or staffing an educational activity where participants come and go and are able to inquire on a variety of topics	*Discovery Center *Trout Unlimited *Festivals *Traveling Trunks
RM	Natural Resource Management	Activities that improve the health of a natural area or resource. Natural resource management, restoration, rescue, and rehabilitation	*Invasive species or trash removal *Plant rescue *Restoring or improving natural habitat *Wildlife houses, towers, chimneys
TG	Technical Guidance	Any work that provides written management recommendations to land owners and/or land managers	*Writing ecosystem management plans *Land Management Assistance Program (LMAP) *City/Community/Regional governments
TR	Training and Educating Others (Direct)	Leading, organizing, instructing, or staffing an educational activity where participants have a planned learning objective and generally stay for the full event (i.e. a planned start and end time)	*Workshops *Presentations *Webinars *Chapter MN trainees/interns

Chapter Information Page



2022 CHAPTER LEADERSHIP

OFFICERS

PRESIDENT
VICE PRESIDENT
SECRETARY
TREASURER

Rich Nielson
Sue Sommer
Rob Kyroutac
Don Epps

COMMITTEES

Standing Committees

Education – Joe Finneran, Ellen Petray, Judy Henfey
Membership & Records – Brian Trock, Cheryl Trock (VMS)
Outreach – Debbie Kyroutac
Projects & Opportunities - Jeanie Springer

Subcommittees

Trunks – Deb Kyroutac
Program to Assist Landowners – Elizabeth Olszewski
Community Recognition (VP) – Sue Sommer
Hospitality (VP) – Sue Sommer
New Class – President-Caroline Broderick
Photographer-Lesley Frowick

COMMUNICATIONS

Director – MJ McFarland
Out & About – Sara Riggs

CHAPTER ADVISORS

Craig Hensley, Texas Parks & Wildlife, Wildlife Tracker
Jason Mangold, AgriLife

The Lindheimer Quarterly Newsletter

MJ McFarland – Editor

Newsletter published quarterly by the Lindheimer Chapter, Texas Master Naturalist™ to communicate, educate & inform chapter members & the Hill Country Community. Current and previous issues of The Quarterly are posted on the website www.txmn.org/lindheimer.

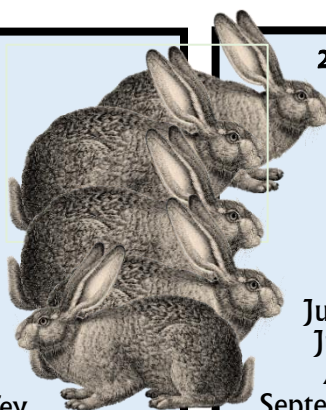
How to CONTACT

Email: LindheimerMNContact@gmail.com

Website: <https://txmn.org/lindheimer>

Facebook: <https://www.facebook.com/txmn.lindheimer/>

Snail Mail: Lindheimer Chapter
c/o Comal County AgriLife
325 Resource Dr.
New Braunfels, TX 78132



2022 MONTHLY CHAPTER MEETINGS

January 24 “Madrone Trail” with Susan Bogle
February 17 “Don’t Mess w/Texas Bees”
with Charlie Agar
March 17 “Native Seeds” with George Cates
April 21 “Heritage Museum” with Janice Epps
May 19 Iliana Peña, Texas Wildlife Association
June 15 The Composition of Soil with Darla Reid
July 21 Dinosaurs of Texas with Arthur Williams
August 18 “Trees of Texas” with Doug Dalglish
September 15 Dinosaurs of Texas w/Arthur Williams
October 20 “Headwaters” w/Lauren Strack
November 17 “Honey Creek Cave” w/Michael Cicherski
December: Date TBA



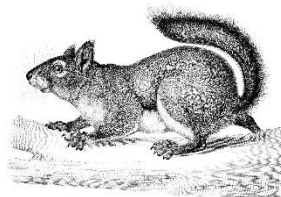
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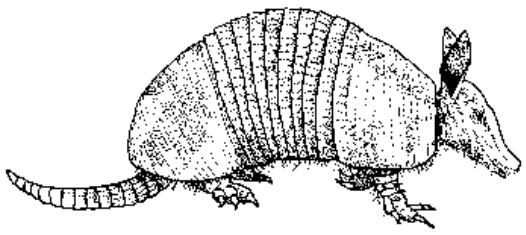


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●December 26

Board Minutes available at:

<https://txmn.org/lindheimer/chapter-info/lmn-board-members/lmn-board-minutes-archive/>





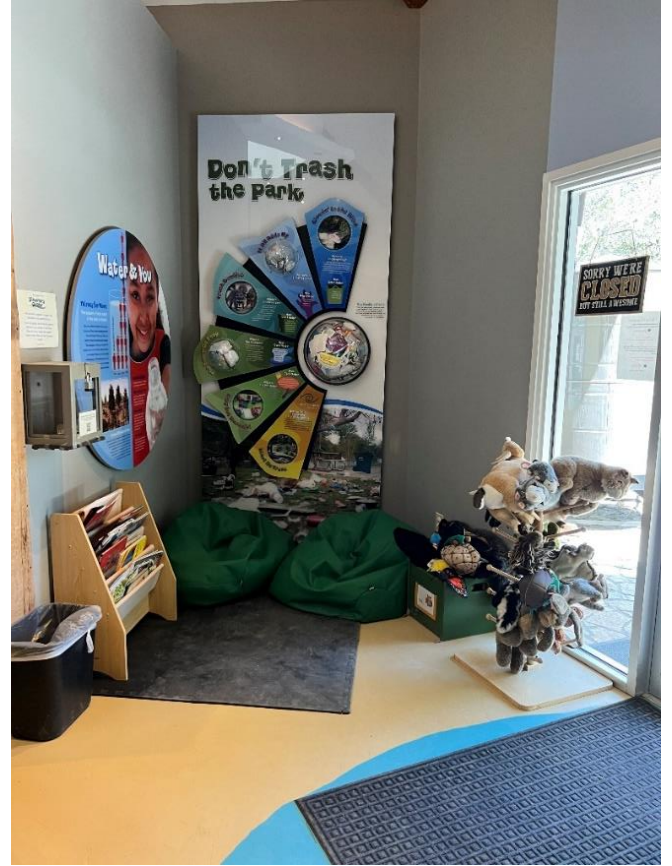
2022 Class: Nine Banded Armadillos

Field Trip to Bamberger Ranch Photos by Lesley Frowick



LMN Chapter Volunteer Opportunities: Guadalupe River State Park Discovery Center

Photos by MJ McFarland



To volunteer: Email Jessica Bergner
jessica.bergner@tpwd.texas.gov

NEW Volunteer Opportunity: Fischer Park Nature Education Center

FISCHER PARK NATURE EDUCATION CENTER

Hours:

Monday-Saturday: 10am-5pm

Sunday: 12pm-5pm

Contact Us:

830-221-4378

Address:

Fischer Park Nature Education Center

1946 Monarch Way

New Braunfels, TX 78130



From Holly Platz, Recreation Programs Supervisor, Fischer Park Nature Education Center:

Thanks so much for your interest in volunteering at Fischer Park! I have been the Supervisor here since May 2022, and our volunteer program is still very young. I'm looking forward to building a strong volunteer team here! I am open to your ideas and suggestions, but below are our current opportunities. Please note that all regular volunteers, even Texas Master Naturalists, must complete a background check with the city. It's a simple online form and there is no cost to you.

Educational Programs: Saturday programming (kids and adults):

- Lead or assist with a variety of educational nature programs. The below programs generally take place on Saturdays, but sometimes are offered to private groups during the week. Time commitment varies but is generally between 2-3 hours.

Some of options include:

- Archery 101: Assist with instruction, set-up, tear-down. Generally the 3rd Saturday of the month, time varies with the season. NASP or Archery-USA certification required. NO VH – fun only
- Birdwatching 101: Held 2 Saturdays each season.
- Fishing 101 (freshwater fishing license required): Generally the 2nd Saturday of the month, time varies with the season (not held in February).
- Garden Volunteer Day: Assist visitors in caring for our Monarch Waystation and Pollinator Garden. 1st Saturday of the month, in the morning (not held in December, January, or February)
- Kayaking 101: CPR/First Aid and/or Water Rescue certification preferable, but not required. Generally 4th Saturday of the month, time varies with the season (March through October). NO VH – fun only
- Night Hikes: Held 2-3 times each season on the 1st Saturday of that month; time varies with season.
- Birthday Parties (kids): Lead or assist with a 1-hour educational nature program during a scheduled

private birthday party. Also assist with prep and tear-down. Time commitment generally 3 hours.

Program themes include: Dino Dig, Fishing (Backyard Bass and/or "Real" Fishing), Butterfly Garden.

- School-aged Field Trips (usually K – 5th grade)

Lead (or assist with) an educational field trip station for a public, private, or homeschool group. Usually held in the morning – many scheduled in spring, but some in fall as well. Field trips are usually 1–2 hours, so with set-up and tear-down, total time commitment is approximately 3–4 hours. All training and materials provided. Sample stations include Seed balls; Frog Food Chain Tag; Furs and Skulls; and

- Butterfly Garden.

Wee Discovery Preschool (ages 3–5):

- Lead or assist with our weekly preschool classes. Each week has a different theme and includes indoor and outdoor time and hands-on activities. Program held every Tuesday 11 am – 12 pm during the school year. Total time commitment approximately 2.5 hours.

Maintenance Projects: Assist with a variety of maintenance tasks, including (but not limited to):

- Litter pick-up – no VH
- Invasive species removal
- Working in/helping maintain our Monarch Waystation Pollinator Garden
- Carpentry or building/assembling items as needed
- Fishing pole maintenance/repair

Citizen Science:

- eBirding and iNaturalist: Contribute to our knowledge of the natural resources of Fischer Park. I'm currently setting up a Project in iNaturalist, and plan to sponsor some Bioblitzes in the future.
- If you use iNaturalist, reach out to me about including your observations in the Great Texas Wildlife Trail
- maps – West Guadalupe Loop.
- Social Media Content (including photos): Create educational social media content about the natural resources of the park. Original photos or videos are ideal, but not required.

Special Events:

- Assist with park special events, including check-in/information stations, kids' activities, etc.

Thank you so much for partnering with us! Please reach out to me with any questions or concerns.

Sincerely,

Holly Platz

Recreation Programs Supervisor

Fischer Park Nature Education Center

hplatz@newbraunfels.gov

(830) 221-4375 (office phone)

Fischer Park: www.newbraunfels.gov/3379/Fischer-Park
Volunteer Information: www.newbraunfels.gov/3421/Get-Involved

Recertifications and Milestone Awards

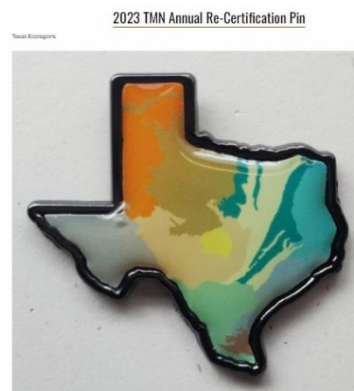
2022 Recertification Pin – Lightning Whelk



CONGRATULATIONS ON YOUR ACHIEVEMENT!
THANK YOU TO OUR VOLUNTEERS!

	Recertifications	Milestone Awards
January 2022	Susan Bogle, Judy Henfrey, Brian Trock Marilyn McFarland, Sara Riggs Rhonda Neel, Lois Ricci, Darlene Varga	250 Hours: MV Poffenberger, Mike Roberts, Karen Matson, Brenda Stoeck
February 2022	Ellen Anderson, Edith Bergquist, Joe Finneran, Jim Jameson, Ellen Petray, Patricia Porterfield, Jeanie Springer, Cheryl Trock	250 Hours: Judy Henfrey, Lisa Smith 1,000 Hours: Don Epps, Nancy Gray
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June 2022	John Corkill, Don Fletcher, Laird Ingham, Scott Ofsdahl, Robert Trott	250 Hours: John Corkill, Scott Ofsdahl
July 2022	Rich Bradley, Julie Crouch, Gretchen Ferrell, Harry Ferrell, Lori Largen, Debbie Subke	250 Hours: Dave Skasik
August 2022	Lynn Boyd, Vanessa Brown, Kathy Ofsdahl, Jack Olivier	250 Hours: Michael Buley
September 2022	Sandra Carson, Joel Dunnington, Henry Hahn, Beth Jameson, Margret Olivier, Dave Skasik, Melissa Skasik, Teresa St. John, Steve Verschoyle, Arthur Williams	250 Hours: Heidi Case 500 Hours: Heidi Forgione

2023 Certification Pin
"Texas Ecoregions"



2022 Monthly Meetings

Lindheimer Chapter
Texas Master Naturalist Program

Monthly Chapter Meeting
When: Thursday, January 20, 2022 at 6:00 pm
What: "The Madrone Trail Pollinator Garden - Birth of a Garden"
Who: Susan Bogle
Where: Online via WEBEX
Members: Login to our Member Area for the Link (you'll need the chapter password)
Non-members: Email LindheimerMNC@texasmasternaturalist.org

Join Susan Bogle to:
"Learn how this new garden came into being and how it will serve to attract the butterflies, bees & birds that are essential for pollination, as well as providing an example to both local citizens and visitors of how to attract pollinators with the proper utilization of native plants and garden design."



Susan Bogle is a member of Lindheimer Master Naturalist Chapter since 2004 and has amassed 10,000 volunteer hours! She is very well known in the community for her design & maintenance of gardens and trails in the Canyon Lake area and frequently leads her expertise to other groups & organizations. She says, "By the way, that tool I'm holding will be the most used tool during the development of the NTNG. I use it to remove the KR Blueberry!"



Lindheimer Chapter
Texas Master Naturalist Program

Monthly Chapter Meeting
When: Thursday, February 17, 2022 at 5:45 pm
What: "Don't Mess with Texas Bees!"
Who: Charlie Agar, Beekeeper
Where: Online via WEBEX
Members: Login to our Member Area for the Link (you'll need the chapter password)
Non-members: Email LindheimerMNC@texasmasternaturalist.org

Charlie Agar got his first hive of bees in 2015, but when he started doing research he learned the following year his beekeeping work blossomed into a sideline business that's spawned new friendships, travel, and lots of busy experience. Today he does bee research, manages TSO colonies, and helps landowners all across Central Texas. His work with bees is the subject of the Austin PBS reality TV show Charlie Bee Company. Charlie lives in New Braunfels with wife Kaye, three dogs, and their backyard chickens.



Charlie captures native honey bees from wild hives and takes them to a rural "bee-hub" for a little rehabilitation. He then loans bees for agricultural use on ranch properties all across the area. The byproduct of all this work is golden delicious Texas Hill Country honey Charlie likes to call "Liquid Sunshine."

WOW! Beginning January 8, 2022 on Austin PBS, KLRU-TV, Charlie Bee Company will be airing Saturdays at 4:30 PM, with encore presentations on Sundays at 2:00 PM. In the Spring of 2022, during its Austin debut, Charlie Bee Company will be airing nationwide on PBS through American Public Television.

<https://charliebee.com>


Lindheimer Chapter
Texas Master Naturalist Program

Monthly Chapter Meeting
When: Thursday, March 17, 2022 at 6:00 pm
What: "Native Seeds"
Who: George Cates, Restoration Specialist
Where: Hybrid Meeting
In person at Tye Preston Memorial Library
Online via WEBEX Here's the Link: <https://tamm.org/lindheimer/chapter-info/next-meeting/>

Join us for a presentation on native seeds!

Planting native seeds is one small, but important step in safeguarding the web of life. Many sensible people are now enjoying the adventure, discovery and benefits that come with taking an active role in ecological landscape restoration.

About our speaker: George came to Native American Seed shortly after graduating from college in Sherman, TX. He's got a remarkable facility for looking at problems as "challenges" to be met, and the kind of willingness to learn that is a priceless asset in a business full of the unexpected, unpredictable and at times downright chaotic. His persistence and attention to detail, along with his ability to grasp "the big picture," are qualities that allow him to move easily and competently to the spot where help is needed when he's not busy in the barn cleaning seeds.



Lindheimer Chapter
Texas Master Naturalist Program

Monthly Chapter Meeting
When: Thursday, April 21, 2022 at 6:00 pm
What: "Heritage Museum of the Texas Hill Country - Trackways and Beyond"
Who: Janice Epps, President, Board of Directors, Heritage Museum
Where: In person: Tye Preston Memorial Library
Online: <https://tamm.org/lindheimer/chapter-info/next-meeting/>

Join us for a program on one of the natural wonders of Texas!
The Heritage Museum of the Texas Hill Country

You will learn about the history of the museum (fascinating & unusual) and what the museum has to offer to the community in educational programs and events (a lot!).

Heritage Museum of the Texas Hill Country was incorporated in November of 1995. It is a 501 (C) (3) organization dedicated to the collection, conservation, preservation, and display of materials associated with the natural and cultural history of the Texas Hill Country, as well as the education of visitors using its collections. For the last 20 years, the museum has been trying to protect and preserve over 200 dinosaur footprints and 28 separate trackways. Made approximately 110 million years ago, the footprints and trackways are part of the early Cretaceous period in the upper Glen Rose Formation. You can become a member of the Museum - just go to their website!

The Heritage Museum of the Texas Hill Country
HOURS OF OPERATION: Monday-Sunday 12:00 - 4:00 PM Closed on major holidays
ADDRESS: 401 W. 20th Canyon Lake, TX 78025
WEBSITE: <http://www.heritemuseum.org/about>
PHONE: 800-997-4542 EMAIL: info@heritemuseum.org





Lindheimer Chapter
Texas Master Naturalist Program

Monthly Chapter Meeting
When: Thursday, May 19, 2022 at 6:00 pm
What: Overview of Texas Wildlife Association
Who: Chad Timmons, Conservation Education Specialist
Where: Online: <https://tamm.org/lindheimer/chapter-info/next-meeting/>

Please note: Meeting is Online ONLY

Mission
Serving Texas wildlife and its habitat, while protecting property rights, hunting heritage, and the conservation efforts of those who value and steward wildlife resources.

Speaker
Our speaker is Chad Timmons, Conservation Education Specialist with TWA since September 2021. About: Chad attended Texas State University. Prior to his current position he was a teacher in the Austin Independent School District for over 15 years. Chad has many certifications, including Level 2 Instructor (Archery), Boater Education, Leave No Trace, Project Learning Time, Project Wild, Basic Archery Instructor, Paddle Sports, Angler Education & Fly-Fishing Instructor, and Wilderness First Aid. Join us online May 19 for an introduction to the Texas Wilderness Association!



Lindheimer Chapter
Texas Master Naturalist Program

Monthly Chapter Meeting
When: Thursday, June 16, 2022 at 6:00 pm
What: "The Composition & Ecology of Soil"
Who: Darla Reid, Research Scientist, Cibola Nature Center
Where: Online: <https://tamm.org/lindheimer/chapter-info/next-meeting/>
In person: Tye Preston Memorial Library

Cibola Center for Conservation
The Cibola Center for Conservation transforms lives through the love of nature, welcoming guests into a beautiful natural Hill Country setting for nature education, enriching community experiences, and environmental research in action. Participation in water conservation, land stewardship, and wildlife sustainability, planting, and the celebration of harvest remind guests of their shared humanity, resulting in a community of belonging.

Our mission is to promote the conservation of natural resources through education and stewardship.

Join us and learn about the soil beneath your feet!

Our speaker is Darla Reid, Research Scientist. After 20 years of administration and customer service experience, Darla decided to go back to school to implement a change in her career path. Always called a "team player," she completed her Environmental Science degree from the University of Texas at San Antonio in 2018. Over the years through volunteering, she found herself in jobs that benefited the environment and fulfilled her passion. In late 2020, she was hired by Donna Taylor of the Cibola Center for Conservation as her replacement as Environmental Research Scientist on staff. Since then, Darla has learned so much to each day is another learning opportunity in a field she loves!





Lindheimer Chapter
Texas Master Naturalist Program

Monthly Chapter Meeting
When: Thursday, July 21, 2022 at 6:00 pm
What: "The Dinosaurs of Texas"
Who: Arthur Williams
Where: In person: Tye Preston Memorial Library or Online: <https://tamm.org/lindheimer/chapter-info/next-meeting/>

What do you know about dinosaurs in Texas?
Texas has a rich history of dinosaur fossils, including some which are very close to us in Comal County!

Join us on July 21 at 6pm to hear Arthur Williams present "The Dinosaurs of Texas."

Psst! Did you know that Texas has a State Dinosaur? Yup, we do! It's *Paleosaurus jonesi*.

Lindheimer Chapter
Texas Master Naturalist Program

Monthly Chapter Meeting
When: Thursday, August 18, 2022 at 6:00 pm
What: "Ecology of Hill Country Trees"
Who: Doug Dalgligh, Founding Member Lindheimer Chapter
Where: In person: Tye Preston Memorial Library
Online: <https://tamm.org/lindheimer/chapter-info/next-meeting/>

Be sure to join us to hear Doug Dalgligh with a presentation of "trees as part of a complex ecosystem" including insects, birds, mammals, other trees, and many other factors.

Doug Dalgligh studied electrical engineering at Texas A&M, then made a career change to become a Presbyterian minister. Part of his work over the last 25 years has been land management over several church-owned properties in central and south Texas.



Doug is one of the founders of the Lindheimer Chapter! He's been involved in the Lindheimer Chapter of the Texas Master Naturalist program since 2001. This is a photo of the 2001 Founders' Class. Doug is the guy in the far left!


Lindheimer Chapter
Texas Master Naturalist Program

Monthly Chapter Meeting
When: Thursday, September 15, 2022 at 6:00 pm
What: "The Dinosaurs of Texas" - PART 2
Who: Arthur Williams
Where: In person: Tye Preston Memorial Library or Online: <https://tamm.org/lindheimer/chapter-info/next-meeting/>

What do you know about dinosaurs in Texas?
Texas has a rich history of dinosaur fossils, including some which are very close to us in Comal County!

Join us on September 15 at 6pm to hear Arthur Williams present "The Dinosaurs of Texas" - PART 2

Psst! Did you know that Texas has a State Dinosaur? Yup, we do! It's *Paleosaurus jonesi*.



Lindheimer Chapter
Texas Master Naturalist Program

Monthly Chapter Meeting
When: Thursday, October 20 at 6:00 pm
What: Headwaters at the Comal "Where We've Been & Where We're Going"
Who: Lauren Strack, Assistant Manager
Where: In person: Tye Preston Memorial Library or Online via WEBEX
Members: Login to our Member Area for the Link (you'll need the chapter password)

Join us to hear Assistant Manager Lauren Strack give an overview on how the Headwaters at the Comal project began, what they have achieved and learned from the restoration work done to date, including findings from the 2018-2019 Archaeological Excavation: what the future plans for Headwaters entail with the timeline for that work, and the many ways the community can get involved in the work being done at Headwaters at the Comal. Where It Begins!

Lauren Strack, Assistant Manager, has been with Headwaters at the Comal since 2017. She studied a volunteer program to help with educational programming and site maintenance, started a mentorship program which resulted in over 50 participants and has received multiple awards for her work. Lauren has completed a master's thesis on the project, and completed a master's thesis on the project, and completed a master's thesis on the project.




Next Meeting:
November 17, 2022



Lindheimer Chapter
Texas Master Naturalist Program

Monthly Chapter Meeting
When: Thursday, November 17, 2022 at 6:00 pm
What: History & Exploration of the Longest Cave in Texas - Honey Creek Cave
Who: Michael Cichorski, Texas Cave Management Association
Where: In person: Tye Preston Memorial Library
Online: <https://tamm.org/lindheimer/chapter-info/next-meeting/>

Join us to learn about Honey Creek Cave - the longest known cave in Texas, stretching more than 20 miles. Honey Creek is a tributary of the Guadalupe River (near Johnsonburg).

Michael Cichorski has been caving regularly since the late 80's. He is a Fellow of the National Speleological Society and a recipient of the National Speleological Society Certificate of Merit. Michael has participated in the Honey Creek Cave, Powell's Cave, and other projects here in Texas, as well as projects in Montana, Kentucky and in Mexico. Michael continues to be an active caver, and is the Co-Project Director in two on-going efforts in the Texas Hill Country.

Michael is currently a Board Director of TCMA and has previously held positions of leadership in the TSA, TCMA and in the 15th International Congress of Speleology.

Contributing to Community/Citizen Science: iNaturalist.org



Photo of endangered Golden Cheeked Warbler
by LMN member Brian Trock

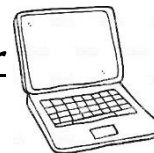
"Community Science" (formerly "Citizen" Science) is the participation of non-scientists in scientific research. As naturalists, many of us already participate in community science projects that contribute to the body of scientific knowledge about plants, animals & insects: butterfly surveys, bird counts, 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 community science projects is iNaturalist, a world-wide, on-line database of observations provided by community scientists like Master Naturalists.

"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." How to get started? Go to www.inaturalist.org and sign up!

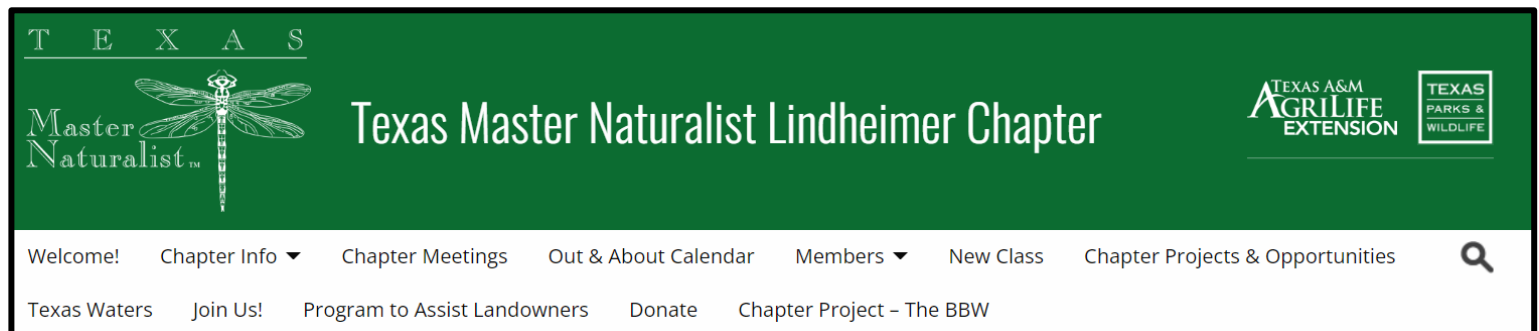
Here are the iNaturalist numbers as of **October 31, 2022**. Take a look at Comal County!!!

Location	Observations	Species	Observers
World	119,953,373	400,811	2,453,064
Texas	6,987,280	25,997	132,490
Comal County	98,444	4,565	4,485

The Electronic Lindheimer



Website: www://txmn.org/lindheimer/



Facebook: www://facebook.com/txmn.lindheimer

Ops & Info: Weekly email with news, announcements, and AT/VH opportunities sent to your email every Sunday.

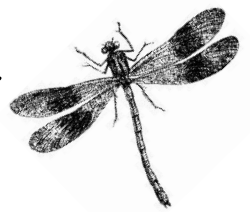


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9	Community Science
	The Electronic Lindheimer

From the Editor:

Our officer elections were held this month.

Here's our elected officials for 2023:

President: Michael Buley

Vice President: Sue Sommer

Secretary: Rob Kyroutac

Treasurer: Don Epps

Also, the Class of 2022 has completed their training & graduated as Certified Texas Master Naturalists! Congrats!

MJ McFarland, Editor

Take It or Leave It #2

by Mary B Wenzel



Happy New Year! It seems every time I turn around another year has flown past. And so this year my resolution is simple: Stop 'turning around' and keep my senses focused on each moment of every marvelous experience offered in each new day. We master naturalists seem to be more aware of opportunities and mother nature's daily miracles than most folks. The learning, observation and discovery process never ends. It only encourages us to continue the journey as naturalists. So ready or not here we go...let's see where this year leads us.

Right now at Almosta Ranch we've been busy limbing up oaks, thinning out weak or dead trees to open up the canopy and bring more light into selected areas. And yes, we paint oak wounds and cuts because of the oak wilt issues around here. So lots of heavy work is going on this time of year before the Golden Cheek Warbler scouts arrive and various other bird species begin their spring rituals here in the Texas hill country. Whatever heavy tree work doesn't get done by late February gets put on hold until the following year around here. That's the deal. Period. So it's a calculated process around here and mostly done by hand (with the help of a tractor when needed) and lots of grunts and groans.... Last year Almosta Ranch had the pleasure of hosting two nesting pairs of Golden Cheeks and so we're hoping they decide to return. I guess we'll see...

In the meantime there's plenty of gardening chores to do in the butterfly garden which includes studying the structure of the garden during the winter and deciding what plants need to be divided and or moved elsewhere. Believe me when I tell you native plants are the gift that keep on giving...and in February it'll be time to begin stratifying seeds from last year's native plant seed offerings-which I collected and stored last fall.

How to stratify seeds? I take a double layer of paper towels and place several seeds on half of the paper towel; fold the other half of the paper towel on top and then dampen the paper towels with water (I usually use a spray bottle with water); roll it up and place in a gallon size zip lock plastic bag; Zip it closed and place into the refrigerator. Keep moistened but not soaking wet. In about a week you'll have sprouted seeds. From that point, they're ready to carefully plant into small containers.

In the meantime in the butterfly garden every time I get a chance to dig up a few smaller 'wild' understory plants that happen to have decided to go rogue on me...I'll pot them up for root recovery and find a place elsewhere for them later or share them with folks. I've learned it's a lot easier to dig up small understory plants than put that chore off...especially since many of our native plants develop tap roots. (Atten: Michael Buley...I took your advice about



Time to get working in your yard! Photo by Mary Wentzel.

how to prep and excavate the large redbud tree. It took 2 days to carefully cut through the rootball and then we let it rest a few days before we moved and transplanted the tree. It had developed a tap root so we'll see if the tree survives. Miracles do happen. Thank you!)

Since it's cool weather here in Central Texas, it's definitely much more enjoyable doing all the hard labor so Larry and I take advantage of this time of year. So it's a busy time here at Almosta Ranch. Wildflower seeds I planted in the small open field across from the butterfly garden a few months ago have sprouted and so we look forward to see what native flowers decide to bloom. After MANY tries over the years this is a first successful planting here at Almosta. But most likely it's because I decided to plant closer to a water source in a more accessible location. We'll see how that experiment goes.

(Atten: Susan Bogle...it looks like your advice about using bluebonnet plugs might work much better than broadcasting seed. I've used both now and so we'll see how each survives. It makes sense that bluebonnet plugs have developed mycorrhizal fungi within their root systems and soil. Since Almosta Ranch soils were most likely depleted because the previous owner scalped the topsoil layer several times over the years (to use for a landscaping business) that explain some of the challenges we've experienced over the years. Thank you!)

Before I close I'll list a few more native plants we've had great success with in the Almosta Butterfly garden for those of you who might be interested trying in your garden:

Understory trees: Goldenball Leadtree (*Leucaena retusa*)

Possumhaw Holly (*Illex decidua*)

Anacacho Orchid Tree (*Bauhinia lunarioides*)

Shrubs: Elbow bush (*Forestiera pubescens*)

Flame acanthus (*Anisacanthus quadrifidus*)

Spicebush (*Lauraceae Linderæ benzoin*)

Flowers: Lyreleaf sage (*Salvia lyrata*)

Cedar sage (*Salvia roemeriana*)

Wild Red Columbine (*Aquilegia Canadensis*)

Groundcover: Frogfruit (*Phyla nodiflora*)

Woolly stemodia (*Stemodia lanata*)

Silver Ponyfoot (*Dichondra argentea*)

And don't forget native grasses in the butterfly garden:

Little Bluestem (*Schizachyrium scoparium*)

Lindheimer Muhly (*Muhlenbergia lindheimeri*)

Bushy bluestem (*Andropogon glomeratus*)

And a couple very good ol' dependable reference books I use frequently:

"Butterfly Gardening for Texas"

by Geyata Ajilvsgi

"Native Texas Plant Landscaping By Region"

By Sally Wasowski & Andy Wasowski



2023 Chapter Dues

Members at the October Chapter Meeting approved **annual membership dues of \$25.00** per member commencing in 2023. We've been needing a consistent source of income in order to support and expand the work we do.

Payment is due by December 31, 2022. If payment is not received by January 31, 2023, you will be moved to inactive status in the VMS. If dues pose a hardship, please notify President, Treasurer or Membership Director about assistance.

Make checks payable to "Texas Master Naturalist Lindheimer Chapter" and mail it to the Treasurer at:

LMN Chapter Treasurer Don Epps
250 Northridge Dr
New Braunfels, TX 78132

Payment may also be made at chapter meetings via check or cash.

If you have any questions, please don't hesitate to contact our President, Treasurer, or Membership Director.

Thank you for volunteering with LMN!

Opportunity Codes for Documenting Your Hours in VMS

Do you wonder sometimes how to enter your hours into the VMS? Here's a guide! More info on the VMS here: [Report Your Hours \(txmn.org\)](https://txmn.org) Also, be on the lookout for Membership Chair Brian Trock's emails which explain the codes!

Code	Opportunity	Description	Examples
AT	Advanced Training	Advanced Training that you attend as a participant	*Chapter/NPSOT/Lunch & Learn meetings *Project WILD (Instructor/facilitator trng) *Cibola NC/LBJWC/TMN/etc.
CB	Chapter & Program Business	Activities related to managing and running a Master Naturalist Chapter and its committees	*Board of Directors/Officers/Committee Chairs *Newsletter/website management *Management of chapter records *Hours or chapter reporting *Other chapter business
FR	Field Research (Including Surveys)	Planning, leading or participating in data collection and/or analysis of natural resources where the results are intended to further scientific knowledge	*CoCoRaHS *Banding and tagging *Project Feeder Watch, MLMP, water testing, etc.
NPA	Nature/Public Access	Field-based activities that improve and manage the the public's access to natural areas or resources. Creating and/or maintaining nature trails, wildscapes, and/or interpretive areas	Developing new or improving existing: *Hiking trails *Gardens (interpretive, butterfly, habitats, etc.) *Wildlife viewing blinds *Wildscapes
OT	Other	Animal Rescue Only	*Wild animal rescue
PO	Public Outreach (Indirect)	Leading, organizing, or staffing an educational activity where participants come and go and are able to inquire on a variety of topics	*Discovery Center *Trout Unlimited *Festivals *Traveling Trunks
RM	Natural Resource Management	Activities that improve the health of a natural area or resource. Natural resource management, restoration, rescue, and rehabilitation	*Invasive species or trash removal *Plant rescue *Restoring or improving natural habitat *Wildlife houses, towers, chimneys
TG	Technical Guidance	Any work that provides written management recommendations to land owners and/or land managers	*Writing ecosystem management plans *Land Management Assistance Program (LMAP) *City/Community/Regional governments
TR	Training and Educating Others (Direct)	Leading, organizing, instructing, or staffing an educational activity where participants have a planned learning objective and generally stay for the full event (i.e. a planned start and end time)	*Workshops *Presentations *Webinars *Chapter MN trainees/interns

Chapter Information Page



2022 CHAPTER LEADERSHIP

OFFICERS

PRESIDENT
VICE PRESIDENT
SECRETARY
TREASURER

Rich Nielson
Sue Sommer
Rob Kyroutac
Don Epps

COMMITTEES

Standing Committees

Education – Joe Finneran, Ellen Petray, Judy Henfey
Membership & Records – Brian Trock, Cheryl Trock (VMS)
Outreach – Debbie Kyroutac
Projects & Opportunities - Jeanie Springer

Subcommittees

Trunks – Deb Kyroutac
Program to Assist Landowners – Elizabeth Olszewski
Community Recognition (VP) – Sue Sommer
Hospitality (VP) – Sue Sommer
New Class – President-Caroline Broderick
Photographer-Lesley Frowick

COMMUNICATIONS

Director – MJ McFarland
Out & About – Sara Riggs

CHAPTER ADVISORS

Craig Hensley, Texas Parks & Wildlife, Wildlife Tracker
Jason Mangold, AgriLife

The Lindheimer Quarterly Newsletter

MJ McFarland – Editor

Newsletter published quarterly by the Lindheimer Chapter, Texas Master Naturalist™ to communicate, educate & inform chapter members & the Hill Country Community. Current and previous issues of The Quarterly are posted on the website www.txmn.org/lindheimer.

How to CONTACT

Email: LindheimerMNContact@gmail.com

Website: <https://txmn.org/lindheimer>

Facebook: <https://www.facebook.com/txmn.lindheimer/>

Snail Mail: Lindheimer Chapter
c/o Comal County AgriLife
325 Resource Dr.
New Braunfels, TX 78132



2022 MONTHLY CHAPTER MEETINGS

January 24 “Madrone Trail” with Susan Bogle
February 17 “Don’t Mess w/Texas Bees”
with Charlie Agar
March 17 “Native Seeds” with George Cates
April 21 “Heritage Museum” with Janice Epps
May 19 Iliana Peña, Texas Wildlife Association
June 15 The Composition of Soil with Darla Reid
July 21 Dinosaurs of Texas with Arthur Williams
August 18 “Trees of Texas” with Doug Dalglish
September 15 Dinosaurs of Texas w/Arthur Williams
October 20 “Headwaters” w/Lauren Strack
November 17 “Honey Creek Cave” w/Michael Cicherski
December: Date TBA



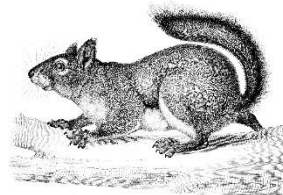
2022 Board of Directors Meetings Every 4th Monday at 5:00 PM Meetings are via WEBEX All members welcome

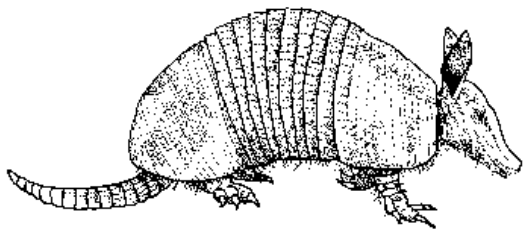


●January 24 ●February 28 ●March 28 ●April 25
●May 23 ●June 27 ●July 25 ●August 22
●September 26 ●October 24 ●November 28
●December 26

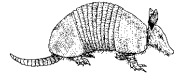
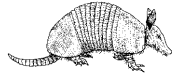
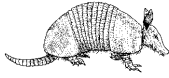
Board Minutes available at:

<https://txmn.org/lindheimer/chapter-info/lmn-board-members/lmn-board-minutes-archive/>





2022 Class: Nine Banded Armadillos



Congratulations, Armadillos!
It's Graduation!



LMN Chapter Recertifications and Milestone Awards

CONGRATULATIONS ON YOUR ACHIEVEMENT!
THANK YOU TO OUR VOLUNTEERS!



	Recertifications	Milestone Awards
January 2022	Susan Bogle, Judy Henfrey, Brian Trock Marilyn McFarland, Sara Riggs Rhonda Neel, Lois Ricci, Darlene Varga	250 Hours: MV Poffenberger, Mike Roberts, Karen Matson, Brenda Stoeck
February 2022	Ellen Anderson, Edith Bergquist, Joe Finneran, Jim Jameson, Ellen Petray, Patricia Porterfield, Jeanie Springer, Cheryl Trock	250 Hours: Judy Henfrey, Lisa Smith 1,000 Hours: Don Epps, Nancy Gray
March 2022	Don Bergquist, Ron Butts, John Davis, Jim Doyle, Erin Harrison, Deb Kyroutac, Valerie Lefebvre, Rich Nielson, Cathy Oberkamp, MV Poffenberger, Susan Sommer, Mary Williams	250 Hours: Aleta Meyer, Haley Faver, Mary Williams 500 Hours: Marilyn Garrison, Cathy Oberkamp 1,000 Hours: Beth Jameson, Rhonda Neel
April 2022	Don Epps, Haley Faver, Heidi Forgione, Lynn Jones, Rob Kyroutac, Aleta Meyer, Jane Miller, Lisa Smith	250 Hours: Toni Wayne, Ellen Petray, Patricia Porterfield, Margaret Olivier 1,000 Hours: Jim Doyle
May 2022	Heidi Case, Jane Finneran, Pat Fletcher, Gail Groves, Sarah Mato, Joni McGhee, Dana Murray, Evelyn Nielson, Mike Roberts, Brenda Stoeck, Teresa Turko, Linda Valdez	250 Hours: Steve Verschoyle 500 Hours: Susan Sommer
June 2022	John Corkill, Don Fletcher, Laird Ingham, Scott Ofsdahl, Robert Trott	250 Hours: John Corkill, Scott Ofsdahl
July 2022	Rich Bradley, Julie Crouch, Gretchen Ferrell, Harry Ferrell, Lori Largen, Debbie Subke	250 Hours: Dave Skasik
August 2022	Lynn Boyd, Vanessa Brown, Kathy Ofsdahl, Jack Olivier	250 Hours: Michael Buley
September 2022	Sandra Carson, Joel Dunnington, Henry Hahn, Beth Jameson, Margret Olivier, Dave Skasik, Melissa Skasik, Teresa St. John, Steve Verschoyle, Arthur Williams	250 Hours: Heidi Case 500 Hours: Heidi Forgione
October 2022	Nancy Gray, Bob Gray, Christy Martinez, Toni Wayn	500 Hours: Rob Kyroutac
November 2022	Philip Brown, Michael Buley, Pat Carnes, Craig Dillion, Shari Ferguson, Kathy Lamon, Steve Mato, Denise Miner-Williams, Miguelita Scanio, Ron Stoeck, Eric Weissgarber	250 Hours: Eric Weissgarber 500 Hours: Christy Martinez, MV Poffenberger 1,000 Hours: Joe Finneran 5,000 Hours: Darlene Varga
December 2022	Laura Austin, Mary Barr-Gilbert, Elizabeth Bowerman, Salty Brady, Cynthia DeWitt, Sherri Green, Janet Hahn Karen Kimbell, Tanya Marroquin, Karen Matson, Holly McCoy, Sandy McEmore, Marie Miller, Valorie Robertson, Linda Bolano, Caroline Broderick, Mike Poffenberger	250 Hours: Miguelita Scanio, Ron Stoeck 500 Hours: Judy Henfey 1,000 Hours: Craig Dillion 4,000 Hours: Don Bergquist

2023 Certification Pin "Texas Ecoregions"



LMN MEMBERSHIP REPORT by Cheryl Trock

Membership: 225 (194 active, 30 in-training, 1 advisor)

Training Class #25, Gray Foxes: 30

Membership Dues: 175 listed paid in VMS (78%) for 2023, 49 unpaid, final notice sent

VMS December:

110 members submitted hours:

1,217 vh -- 50 ath -- 60 initial training

594 approved entries

VMS 2022:

167 members submitted hours:

19,481 VH -- 2,423 ATH -- 886 initial training

9,814 approved entries

LMN Lifetime:

232,047 VH -- 29,004 ATH -- (470 members)

January Chapter Meeting (42 TPML) (44 ZOOM): 86 attended

December Service Pins:

Recertifications: (17) (year total: 105, for 51% of membership)

250 Hours: 2 (2022: 22)

500 Hours: 1 (2022: 8)

1,000 Hours: 1 (2022: 7)

4,000 Hours: 1 (2022: 1)

5,000 Hours: 1 (2022: 1)

Cheryl Trock, Membership Director, January 23, 2023

Contributing to Community/Citizen Science: iNaturalist.org




Photo of gray fox by Mike Poffenberger

"Community Science" (formerly "Citizen" Science) is the participation of non-scientists in scientific research. As naturalists, many of us already participate in community 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 community science projects is iNaturalist, a world-wide, on-line database of observations provided by community scientists like Master Naturalists.

"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." How to get started? Go to www.inaturalist.org and sign up!

Here are the iNaturalist numbers as of **January 26, 2023**. Take a look at Comal County!!!

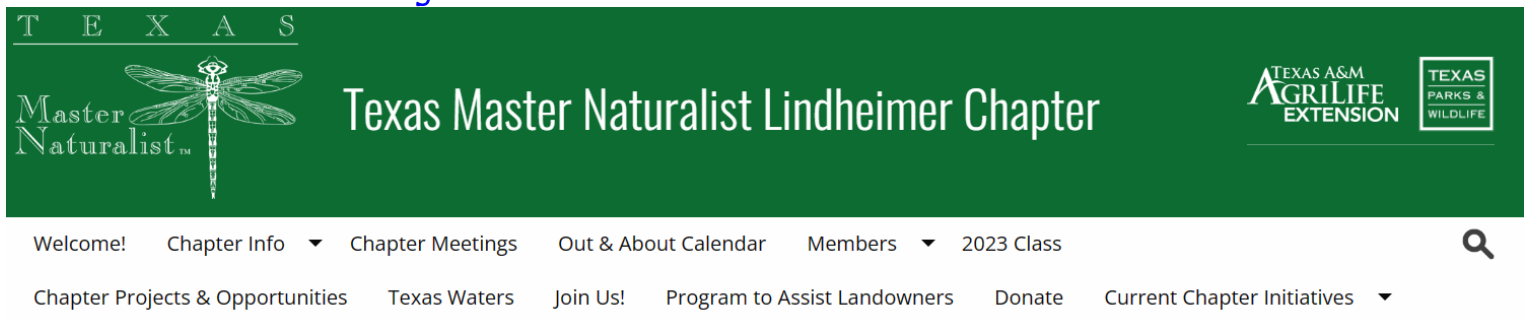


Location	Observations	Species	Observers
World	125,629,340	412,299	2,505,862
Texas	7,220,197	25,931	136,011
Comal County	102,572	4,586	4,642



The Electronic Lindheimer

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