



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.

CHAPTER MEETING

Guadalupe Master Naturalists Monthly Program and Meeting

Date: Monday, October 28, 2019

Time: 6:30 - Social Time: Bring your favorite treat to share. Drinks will be provided.

Earn *volunteer time* by assisting in the pre-meeting room set-up and/or helping with the after meeting clean-up!

7:00 – Program - Ryan Spates has been a professional trail builder since 2003 and has led over 100 projects in Texas and surrounding states. His passion for the outdoors and trail use have led him to explore trail construction as a method of enriching the health of the populace while protecting the environment they are passing through. Through the Professional Trail Builders Association, Ryan has been involved in advocating for the construction of trails by qualified professional contractors partnering with volunteer groups.

Location: AgriLife Extension, 210 E. Live Oak, Seguin, TX



NATURE EDUCATION

Discover Rocks: the Building Blocks of Earth

Dates/Times/Location:

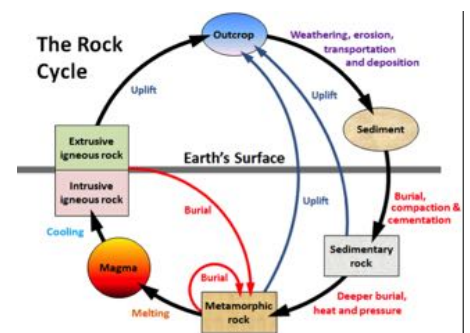
1] Saturday, October 12
10:00 AM Crescent Bend Nature Park, 12805 W. Schaefer Rd.,
Schertz

Leader: ??? **We Need One!!** Master Naturalist helping Gayle Temple

2] Monday, October 14, 2:00 [home school]
4:00 PM [after school]

Seguin Public Library, 313 W. Nolte. Seguin

Leader: Kate Schnautz; Assisting Kay Robbins, Larry White, Kathy and David Pearson





Pollinator Garden - Weekly monitoring and plant care will stop for a few weeks.

There has been some success; look at what Clara Mae Marcotte and Liz Romero found last week.



Handsome 5th instar at Park West



Forest Health Invasive Removal

Park West invasive removal should resume soon now that cooler weather is moving in.

VOLUNTEER OPPORTUNITIES

2019 Pollinator BioBlitz – How to Participate

Welcome to the [4th Annual Texas Pollinator BioBlitz](#)! From nature photographers and event lovers to pollinator enthusiasts and citizen scientists – we have opportunities for everyone to participate in this year's October 4-20 event.

Now that you're here, what should you do?

- **Observe:** Take photos and videos of pollinators and nectar-producing plants.
- **Share:** Add your photo or video observations to [Instagram](#), [Facebook](#), [iNaturalist](#), or to the [Facebook event](#) page (#TxPollinators).
- **Find Events:** Use our [online calendar](#) to find pollinator events near you!
- **Explore from Home:** Unable to get out and photograph pollinators? Search #TxPollinators on [Instagram](#) or follow along with everyone's photos on the [Facebook event](#).



2019 TRAINING CLASS UPDATE

Can't believe our Fall Training classes are half over; the time has gone so rapidly and we have heard many knowledgeable speakers. Last week we visited the Irma Lewis Seguin Outdoor Learning Center where Dr. Barron Rector taught Rangeland Management. We were then fortunate to have him lead us on a short plant ID hike.



Tom presented Dr. Rector with one of his fabulous pecan pies as a “Thank You” gift.



Students then received instruction from Pam Sagebiel and Michelle Darnell on the VMS system. Using the Learning Center’s Chrome books really helped!



Many, many thanks to class photographer, Daryl Styblo, for the wonderful pictures.

ADVANCED TRAINING



Guadalupe Chapter – Native Plant Society

Stop the Spread, Spread the Word, Just Do It!

Date: Tuesday, October 8, 2019

Time: 6:30 – Refreshments

7:00 – Program

Description: Presented by Cheryl Hamilton, an Alamo Area Master Naturalist and a member of the San Antonio chapter of the Native Plant Society of Texas. In 2010, she co-founded the Balcones Chapter of the Invaders of Texas program. To date, that chapter has contributed more than 10,000 volunteer hours to eradicate more than 100,000 invasive plants.

Nonnative, invasive plants are destroying biodiversity and wreaking havoc in our parks, preserves, neighborhoods and backyards. They cause economic and environmental harm, and even harm human health. This presentation will describe the most challenging invasive plants in the Greater San Antonio area, management strategies, and the importance of restoration of habitat with native plants.

Location: St. John's Lutheran Church, 606 So. Center St. (FM 465), Marion, TX

Website: <http://npsot.org/wp/guadalupe/>

The Fireflies of Central Texas

Date: Saturday, October 12

Time: 10:00 AM

Description: Do you know that fireflies are disappearing? Do you know there are many different varieties of fireflies? Come learn what you can do to help keep fireflies as part of our environment.

Presented by Master Naturalist Pfeiffer, founder of Firefly Conservation & Research at Firefly.org

Ben's research focuses on Texas firefly species. He is working to document their natural life cycle, mating behavior and preferred habitat.



Location: Wild Birds Unlimited of New Braunfels, 1659 SH 46 West, Suite 140 New Braunfels, TX,

Admission is free. Due to limited space, reservations not necessary, but appreciated.

wbunewbraunfels@gmail.com

(830) 609-9510

Birding in the Winter - Lindheimer Native Plant Society

Date: Tuesday, October 15, 2019

Time: 6:30 - Social

6:45 – Meeting/Announcements

7:10 – Plant of the Month

7:15 – Program –

Description: Holly Platz will be the presenter.

Location: GVTC Auditorium, 36101 FM3159, New Braunfels

Website: <https://npsot.org/wp/lindheimer/>

Guadalupe County Master Gardeners Creating a Hummingbird Hotspot

Date: Thursday, October 17

Time: 6:15 – Social time

7:00 – Program

Description: Kathleen Scott will share a wealth of information to help you create a hummingbird haven.

Location: Guadalupe Co. AgriLife Extension, 210 E. Live Oak, Seguin



First Ever FALL Geronimo Creek Clean-up

Date: Saturday, October 19

Time: 9:30 AM

Description: All volunteers will meet at the [Irma Lewis Seguin Outdoor Learning Center](#)

- Light breakfast items, coffee, juice, and water will be available
- Clean up supplies will be provided (bags, pickup tools, and gloves)
- Come help us clean up the roadsides that drain to the creeks, as well as, along portions of the creek banks



Attire: Dress appropriate for the weather, since you will be outside for an hour or more. Long pants, a hat, and closed toe shoes are recommended.

Equipment: If you happen to have your own, please bring gloves, pickup tool, rake, walking stick, bug spray, and sunscreen.

Transportation: You will be able to select which site you clean up, but you will have to provide your own transportation to/from the site.

There is not a "rain out date" or make-up date, so please dress accordingly for the weather. Please bring gloves (if you have them, otherwise we will have a limited supply) and jeans and boots or closed toe shoes are recommended. We will provide trash bags and a limited number of grabber tools.

Clean up locations will usually be along roadways and creek banks (where public access is allowed). Watch for traffic and always be cautious along roadways and creek banks for hazards. There is no minimum age allowed, but we ask that you provide adequate adult supervision of any minors. Crossing roadways by foot is not safe, and volunteers should "pick" a side of the roadway and try to reduce road crossings as much as possible.

We are not seeking financial sponsors for this event, and as a result, we will not be providing the special event T shirts that we always have with the spring clean up event.

Registration now open at <http://geronimocreek.org/register.aspx>



Lunch-N- Learn: Monarchs, milkweeds and OE with Dr. Dara Satterfield

Date: Friday, October 18, 2019

Time: 11:00 am – 1:00 pm

Description: Monarchs are imperiled, and they face further challenges from infectious diseases including a protozoan called OE. Re-wilding our American landscape with native milkweeds and other plants can help monarchs rebound and keep parasites at bay.

Join monarch expert Dr. Dara Satterfield to learn how native and Tropical milkweeds can affect monarch health and migration.

Location: San Antonio Botanical Gardens, 555 Funston, San Antonio

Fee: Members - \$10.00 / Non-members \$15.00

Resigtration: <https://22076.blackbaudhosting.com/22076/Latest-Research-on-Monarch-Butterfly-Health-Milkweeds-and-OE>

Underwritten by the San Antonio Botanical Garden and Trinity University

Butterflies w/o Borders: Migration and Immigration in a Changing Climate

Date: Friday, October 18, 2019

Time: 6:00 – 8:30 PM

Description: Join us for a timely discussion of politics and pollinators and the impact of climate change on migration and immigration. The panel discussion includes [1] monarch butterfly expert Dara Satterfield, a Trinity visiting scholar, AAAS Science and Technology Policy Fellow and PhD in ecology; [2] Austin-based National Public Radio correspondent John Burnett, who covers the border and immigration; and [3] Rodrigo Medellín, Universidad Nacional Autónoma de México ecologist, known as “the Batman of Mexico.” Brendan Gibbons, senior environmental reporter for the Rivard Report, will moderate. Reception/cash bar.

Location: Pearl Stable, 307 Pearl Parkway, San Antonio [inside Pearl Brewery]

Fee: \$15.00

<https://www.eventbrite.com/e/butterflies-wo-borders-migration-and-immigration-in-a-changing-climate-tickets-64183910805>

Underwritten by Pearl, Trinity University, and the Rivard Report

Pollinator Rain Garden Workshop

Date: Saturday, October 19, 2019

Time: 9:00 am – 12:00 pm

Description: Learn to make the most of the rain to improve your landscape for pollinators and water quality. Rain gardens are shallow depressions that help capture stormwater runoff from rooftops, driveways, and other hard surfaces; and allow the water to be filtered and cleaned through plants and soils. When plants are selected properly, these gardens can help pollinators! Come learn the basics about rain gardens so you can plan, design, construct and maintain your own Pollinator Rain Garden.

Location: 100 E. Guenther St., San Antonio

Tickets: \$10.00

Registration: <https://www.eventbrite.com/e/pollinator-rain-garden-workshop-tickets-73472603535>

Underwritten by the San Antonio River Authority

Bug Lunch at San Antonio Botanical Garden

Date: Saturday, October 19, 2019

Time: 10:00 am – 2:00 pm

Description: Caterpillar canapes, anyone? How about ant egg appetizers? Taste and experience insect-inspired cuisine, known as **entomophagy**, at the San Antonio Botanical Garden Culinary tent with Jonathan Cammack, Texas A&M entomology PhD, Molly Keck, a Texas Agrilife Extension entomologist, and the talented SABOT chefs.



Location: [San Antonio Botanical Gardens](#), 555 Funston, San Antonio

Tickets \$25 per person for keynote and tastings; \$35 for keynote and tastings with drink pairing.

Registration: <https://www.sabot.org/event/bugtoberfest-keynote-presentation-and-four-course-insect-tasting/>

Underwritten by the San Antonio Botanical Garden and Texas Agrilife Extension Service

Holy Agave Spirits – It's the Bat Man of Mexico!

Date: Saturday, October 19, 2019

Time: 6:00 – 8:30 PM

Description: A presentation by renowned bat ecologist and PhD Rodrigo Medellín, known as “the Bat Man of Mexico,” will help us understand how bats and other wildlife make tequila, mezcal and other food and drink items possible. Learn more about Medellín in the trailer for the 2015 BBC Documentary Natural World: The Bat Man of Mexico, narrated by David Attenborough. Bonus: Elizabeth Johnson of Pharm Table and Houston Eaves will provide tastings of agave spirits and snacks. Don't miss it!



Location: Confluence Park, 310 W. Mitchell St., San Antonio

Fee: \$15.00

Tickets: <https://www.eventbrite.com/e/holy-agave-spirits-its-the-bat-man-of-mexico-tickets-64255964319>

Underwritten by the San Antonio River Authority, the San Antonio River Foundation and UNAM.



It's time!

Registration is NOW OPEN for the Texas Master Naturalist 2019 Annual Meeting!
Friday, October 18 through Sunday, October 20, 2019

**Hilton Dallas/Rockwall Lakefront Hotel on the shores of
Lake Ray Hubbard, Rockwall, TX**

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

Registration for this highly anticipated event is NOW available through the Annual Meeting page on the Texas Master Naturalist state website at <http://txmn.org/2019-annual-meeting> . Additional information about the annual gathering weekend, annual awards and contests, the advanced training sessions agenda, and registration details can be found on the website as well. Please read through the registration and lodging information carefully as the registration process has changed from previous years.

Urban Stream Processes and Restoration Training – New Braunfels

Date: Tuesday, October 29

Time: 8:30 AM – 4:00 PM

Description: The training will focus on natural design processes for stream restoration projects. Materials delivered in the training will help attendees understand:

- Urban stream functions,
- Impacts of development on urban streams,
- Recognize healthy versus degraded stream systems,
- Assess and classify a stream using the Bank Erosion Hazard Index (BEHI), and
- Comprehend differences between natural and traditional restoration techniques.

Information including the hydrologic cycle, basics to stream morphology, stream classification, stream instability, stream restoration, stabilization structure, vegetation, and monitoring and evaluation will be explained through classroom-style teaching in the morning session and hands-on activities in the field at a nearby stream in the afternoon sessions.

Location: Landa Haus, 360 Aquatic Circle, New Braunfels,

Registration is limited to the first 40 people. Cost is \$50 and includes all training materials, a catered lunch and a certificate of completion at the end of the course. Registration is required by October 25, 2019. Register online at https://secure.touchnet.com/C21490_ustores/web/classic/product_detail.jsp?PRODUCTID=11885 , or if paying by check or PO by email to clare.entwistle@ag.tamu.edu. Lunch will be provided to participants or they may bring their own.

Dress is casual and comfortable; hip boots/waders are required for the hands on field assessment as we will be out in the creek in the afternoon.

This workshop is being co-hosted by the City of New Braunfels Watershed Management Department, Texas A&M AgriLife and Texas Water Resources Institute.



Big Thank You

to Mary Styblo and Debra Benbow
for co-chairing the Hospitality Committee.



VMS TIME TRACKING

It's now **more important** than ever to get your hours posted before the 45 day window closes.

Pam Sagebiel has announced, "the VMS administrators in Austin have decided that chapter administrators will no longer be able to edit/update entries past the 45 day limit. I'm not sure when this will take effect, but chapter members need to know that this is coming and that I will no longer be able to update for forgetfulness! I'll be locked into the 45 day limit like everyone else."

Don't lose hours because you fail to post them.

Questions?? Contact: Pam Sagebiel 830-379-0587 (h) 806-392-4431 (c)

Remember to submit your AT and Volunteer hours!



NEXT NEWSLETTER

Please send announcements and news items for distribution in the newsletter to Marilyn Anderson, MarilynA@access4less.net.

Deadline for next issue – Friday, November 1 for the November edition.

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Hospitality – vacant	

<https://txmn.org/guadalupe/>



The Texas Master Naturalist program is sponsored by the Texas A&M AgriLife Extension Service and Texas Parks and Wildlife

