



***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, November 23, 2020

Time: **Board of Directors:** 6:00 PM

No social time planned

7:00 PM – Program: Veronica Hawk will present our program on the activities of the Native Plant Society Of Texas, Boerne chapter. The Boerne Chapter was named 2020 Chapter of the Year at the Native Plant Society of Texas 40th Anniversary Celebration Awards Ceremony. She will also discuss the Native Landscape Certification Program and the Pollinator Garden Assistance and Recognition Program.

Veronica has been a member of the Boerne chapter of NPSOT since 2008. During that time, she volunteered for the Cibolo Nature Center’s Wildlife Field Research Days, has been the rescue committee coordinator, served as the vice president/programs in 2011, Secretary in 2014, and President for the chapter in 2018. She is a 2017 graduate of the Texas Master naturalist program, Hill Country chapter. Prior to moving to Bulverde, she volunteered for the Georgia Native Plant Society as a plant rescue coordinator 2000-2008. She also graduated from the Georgia Master Naturalist program in 2006.

8:00 PM – Chapter Meeting

Location: AgriLife Extension Service, 210 E. Live Oak, Seguin and online virtual via Webex. Michelle Darnell will send the Webex link by email for members wanting to attend by that format. If attending in person, please wear a mask and seat using social distancing.

Discover Program

Journaling

Date: Monday, November 2, 2020

Time: 2:00 Home School children
4:00 After School children

Location: Seguin Public Library, 313 W. Nolte, Seguin

Leader: Kate Schnautz; Assisting: Debra Windsor; Ray Windsor;
Pam Turner; Tom Hardaway



Date: Saturday, November 14, 2020

Time: 10:00 am

Location: Crescent Bend Nature Park, 12805 Schaefer Rd., Schertz

Leader: Mark de Kiewiet; Assisting: Kate Schnautz, Gayle Temple, Tom Hardaway,
Nancy Masterson

Description: Skilled naturalists record their observations. The children will discover the art of journaling and how to correctly record data and observations.

Benefits of journaling include:

- Allows the child to slow down, breathe, relax, refocus, it can calm a busy mind.
- Encourages observation - observing the big picture to the small detail.
- Use senses such as sight, sound, smell and touch.
- Helps to create a connection to the natural environment.
- Can assist in self-expression.
- Promotes creativity.

Members of the current Training Class are encouraged to attend and assist the leaders. This counts as class Self-selected volunteer time.

Citizen Science

Pollinator Garden at Park West

Date: Wednesday mornings, November 4, 11, 18, 25, 2020

Time: 8:30 AM

Location: Park West, 601 N. Vaughn, Seguin

Description: Help with general care and maintenance of the garden and the planting new plants as needed.

Leaders: Clara Mae Marcotte, Liz Romero

Forest Health



Now is the time to get your cutting tools sharpened and ready to go!

The invasive removal team will soon be gearing up to attack the Ligustrum and bamboo at Park West.

Leader Chris Dyess will be sending out work dates / times in the near future.



Nature Education

Annual Planning Meeting

Date: Tuesday, November 17, 2020

Time: 9:30 am – 12:00 pm

Location: AgriLife Building, 210 E. Kive Oak, Seguin, upstairs classroom

Description: We will learn about the three newest Discover programs, set our calendar of topics and make revisions for best safety practices and parent engagement in 2021. We'll have a brief review of our standard procedures for leading and reporting and give an overview of our Young Naturalist and Walk with a Naturalist programs. Come! And wear a mask.

Contact: RSVP to Nancy at nsethermasterson@gmail.com. Kate Schnautz and Mark deKiewiet are the co-leaders.

The Texas Horned Lizard Reintroduction Project: Preserving a Texas Icon
ONLINE LEARNING

Date: Thursday, November 5, 2020

Time: 6:30 – 8:30 PM

Description: If you're like most Texans of a certain age, you've got memories of finding "buckets" of horned lizards in your youth. Not so much today, as *Phrynosoma cornutum* (commonly referred to as the "horny toad") has declined or disappeared in many places in Texas since the late 1960s.



In fact, Texas Horned Lizard populations have declined so much that it is now on the state's threatened species list. San Antonio Zoo's Center for Conservation and Research is seeking to reverse this trend by producing large numbers of lizards in captivity and then releasing them into predetermined habitats that can support the species. To preserve the abundance of the State Reptile of Texas, San Antonio Zoo launched the Texas Horned Lizard Reintroduction Project. This program uses GIS data, genetics, and current knowledge about horned lizard ecology and distribution to release large numbers of captive-born individuals in suitable habitats.

"Our goal is to re-establish viable horned lizard populations as part of a healthy native ecosystem and return this species to the landscape for the enjoyment of present and future generations," said Dr. Andrew Gluesenkamp, director of conservation at San Antonio Zoo.

Presenter: Dr. Andrew Gluesenkamp

Fee: Tickets are just \$5 per person

All proceeds from this program will be donated to our friends at the San Antonio Zoo, who have been so generous in their partnership with Audubon through the years, and will support the Zoo's Center for Conservation and Research.

Registration is a two-part process.

After you've made your donation, you will receive a link for registration for the Zoom meeting on Thursday, November 5, 2020. Social time is 6:30-7:00 (wear a "horny toad" shirt or hat and bring your favorite "horny toad" stories); program starts at 7:00 with plenty of time for questions and answers afterward.

Website for registration: <https://www.gardenstylesanantonio.com/events/>

Pantry Pests

Date: Wednesday, November 11, 2020

Time: 12:00 – 1:00 pm

Description: Nothing ruins a holiday more than bugs in your food! Join Molly for an informative discussion of these Pantry Pests! Zoom Webinar with Molly Keck, Integrated Pest Management Specialist. Join Zoom Meeting, Meeting ID: 990 2593 9574, Passcode: Garden2020.

Here's the website link to join - <https://zoom.us/j/99025939574?pwd=ZFNJckpKTTV3Q25DWDdFaXNPZExHdz09#success>

Texas Children in Nature – Virtual Summit Using the Outdoor Spaces on Your Campus, Part 1

Date: Saturday, November 14, 2020

Time: 10:00 am – 12:00 pm

Location: Webinar

Description: Join experts in the field as they discuss the tips and tricks of taking your class outdoors. Also addressed will be best practices of outdoor lessons and how various subjects can be transitioned into outdoors learning. The workshop will feature breakout rooms and work with various experts in the field of outdoors learning.



Who should attend: Any teachers looking of ways to take their students outdoors.

We, as Master Naturalists, are teachers of both children and adults. This program might provide useful tips we can use in our events.

Registration: <https://www.eventbrite.com/e/tcin-teacher-workshop-using-the-outdoor-spaces-on-your-campus-pt-1-tickets-124159924677>

Suggested donation \$20.00

Part 2 of this workshop will be held January 23, 2021 at 10:00 am

Members-in-Training

Members of the Training Class visited the Canyon Lake Gorge on Saturday, October 24. Thanks to Chapter members Cinde Thomas-Jimenez and Jim Dyess for serving as leaders.

Bruce Bebow, one of our “tech smart” students, took wonderful pictures during the Gorge hike. They are available for you to view from this iCloud link -

<https://share.icloud.com/photos/0xFD7mwALpuKJEMqilMj6Kc1A>



The link will expire on November 23, so enjoy the photos before they are gone!

There are only two more sessions and this year’s Training Class will be done. We have many excellent future Naturalists in this class. Tom Hardaway led three groups on field trips to Park West and Crescent Bend Nature Park. The focus was to develop skills in leading an interpretive hike. Thank you, Tom, for taking the lead on this important learning activity.

November 21 will be our last class at the Seguin Outdoor Learning Center. Students will study the aquatic ecosystem by conducting water quality testing and macroinvertebrate collection and identification.

We will end the day with lunch and graduation. Another successful training class will be completed and we will look forward to the 2021 class.

Bracken Preserve BioBlitz

From Mark de Kiewiet:

Thank you all who volunteered time for the BioBlitz at Bracken.

There were 29 observers over the week, several observed over several days.

A total of 918 observations were made capturing 250 different species of plants, insects reptiles, birds and mammals

Here are some examples of the observations



Gray Fox
(*Lilycyon cinereogentilis*)



Drummond's Rain Lily
(*Zephyranthes drummondii*)



Slender Orange-Bush
(*Tillandsia usneoides*)



Green Anole
(*Anolis carolinensis*)



Cypress Family
(Family Cupressaceae)



Antlions Including Owl...
(Family Myrmeleontidae)



Oak Mistletoe
(*Phoradendron leucopurum*)



Antelope Horns
(*Asclepias asperula*)



Variegated Meadowhawk...
(*Sympetrum conustum*)



Oleander Aphid
(*Aphis nerii*)



Shrubby Boneset

by Clara Mae Marcotte

A year ago I was given a boneset plant in a one gallon container. It has now started blooming and has become one of my favorite fall bloomers (along with Frostweed and goldenrod). However, when I started researching, I discovered that it is not Boneset; it is Shrubby Boneset.

Ageratina havanensis (also *Eupatorium havanensis* or *E. texense*) has many common names including White Mistflower, White Shrub Mistflower, and Havana Snakeroot. (Boneset is *Eupatorium perfoliatum* and has been used as a tonic. This is why we should know Latin names because misidentification can occur when we only have a common name.)

Shrubby boneset is a native growing from the Edwards Plateau to northern Mexico, as well as Cuba and the Bahaman Islands (which is how it got the name Havana Snakeroot). This drought tolerant perennial shrub grows to six feet tall in tropical areas with many branched stems. Opposite leaves are ovate with wavy margins, and have long leaf stalks. There can be some dieback in Central Texas in the winter so our shrubs usually grow to only two to four feet high.

The plant grows best in full sun but will tolerate part shade. It likes well drained rocky limestone soils and is drought tolerant. Do not overwater. The fragrant flowers are white to pinkish-white. They bloom from late summer to early fall attracting hummingbirds, moths, butterflies and other insects. Shrubby boneset is a larval host for Rawsons Metalmark butterflies who also like our *Conoclinium greggii*. The shrub is moderately deer resistant.

Wildflower.org says that the shrub blooms best and is bushier if it is severely cut back each winter. The Central Texas Gardener adds that once blooming starts to slow down, give the plant a heavy shearing to encourage denser new growth in the spring and more blooms next fall. In fact, if you don't shear the plant, blooming will be sparse since the plant only produces flowers on new wood. Aggie-horticulture suggests that occasional spring flowering has been reported but does not say if that is here in Central Texas or farther south in the tropics.

Propagation can be done by seeds, semi-hardwood cuttings, or softwood cuttings taken in summer or fall. So when you shear, save those cuttings and root them.

Aggie-horticulture adds a note that the genus name derives from the Greek "agera" which means un-aging or to never grow old. The author Michael A. Arnold conjectures that this probably refers to the long-lived flowers on several species in the genus.



Liz Romero and Clara Mae Marcotte represent the Guadalupe County Master Naturalists at the Walnut Springs Trail Expansion groundbreaking ceremony on October 20th.



**You're
invited...**

Master Naturalist Christmas Social
Monday, December 7, 2020
6:00 PM

Irma Lewis Seguin Outdoor Learning Center

BYOF
Bring Your Own Food!

We want to celebrate the season in a safe way so the Board of Directors has devised a twist to this year's Christmas social. The pavilion at Seguin Outdoor Learning Center will allow us to come together, visit, and have fun in a semi-open area. Rather than our usual covered dish dinner we share, we are asking all attending to bring their own meal.

Additional information will be shared at the November Chapter meeting.

Save the date on your calendar NOW!



CHAPTER BUSINESS

As we move toward the end of the year, we are looking to fill positions of responsibility within our Chapter. It takes the dedication of all to move our Chapter forward and fulfill the mission of educating the public on conservation of natural resources. It is through our various projects we make a lasting impact that improves our community.



Offices that need new leaders:

President
Secretary
Treasurer

Contact Nominating Committee Chairman Craig Wagner at craigwagner31@aol.com to volunteer for one of the officer positions

We all should sign up for one of the various committees. Please choose from the list below and send your choice of committee[s] to Tom Hardaway at tehardaway@yahoo.com.

Guadalupe Master Naturalists – Committees for 2021

Monthly Program – NEW Chair needed – Clara Mae Marcotte has resigned the position for 2021. Find speakers of interest to the public as well as the Master Naturalists for the monthly chapter meeting. May arrange occasional field trips.

Training Course – NEW Chair needed! Develop the curriculum, find lecturers and venues, create class schedule, host the class sessions. Current chair is on the next class committee.

Nature Education – Plan and carry out educational and outreach activities that fall under Training and Educating Others (TR) and Public Outreach (PO). Create and maintain original curriculum, kits, and exhibits. Educate others using curriculum developed by other entities. Recruit and train members to carry out these activities.

Citizen Science – Plans activities that qualify for Natural Resource Management (RM), Nature/Public Access (NPA), Field Research (FR), or Technical Guidance (TG). Examples include invasive plant removals; biological surveys; trail building and maintenance; and, create and maintain wildscapes and interpretive areas.

Advanced Training – Identify and approve training programs and provide information to Communications for dissemination to members.

Communications – External publicity including press releases and program announcements. Internal communications to include newsletter; website, Facebook and email to members.

Membership – All functions relating to VMS; order certification and milestone pins; maintain the Chapter roster.

Fund Raising – Plan and oversee fund raising events; grant writing.

Hospitality – Plan and organize social events at monthly programs, Chapter hosted events, and the end of year function.

Note: Committee Chairpersons are members of the Board and should attend the bi-monthly Board Meeting, held at 5:30 on odd numbered months (Jan, March, May etc.)



Committee Chairmen need to begin developing a 2021 Chapter year budget for their committee. The budget will be voted on at the December meeting.



It's that time again!

Chapter Dues need to be paid by all certified Master Naturalists by January 1st.

\$25.00

Pay at the November or December meetings or mail to Tom Hardaway
1471 Savannah Prairie
Seguin, TX 78155

NEXT NEWSLETTER

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

Deadline for next issue – November 27 for the December issue.

Officers:

President – Tom Hardway	tehardaway@yahoo.com
Vice-president – Jennifer Ehlers	ehlers@gvec.net
Secretary – Sharon Frels	sfrels1@gmail.com
Treasurer – John Edson	johnledson@gmail.com

Committee Chairmen:

Program – Clara Mae Marcotte	rcm.marcotte@gmail.com
Training Class – Marilyn Anderson	MarilynA@access4less.net
Nature Education – Nancy Masterson	nsethermasterson@gmail.com
Citizen Science – Tom Hardaway	tehardaway@yahoo.com
Advanced Training – Cinde Thomas-Jimenez	cthomas-jimenez@gbra.org
Communications – Michelle Darnell	mdsarnelltex@gmail.com
Membership – Michelle Darnell	mdsarnelltex@gmail.com
Fund Raising – Craig Sagebiel	prcraigsagebiel@yahoo.com
Hospitality – Mary Styblo	drstyblo@hotmail.com



<https://txmn.org/guadalupe/>
The Texas Master Naturalist program is sponsored by the
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