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education, outreach, and service dedicated to the beneficial management of natural resources and natural areas within their communities for the state of Texas." | | |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [Facebook](https://urldefense.proofpoint.com/v2/url?u=https-3A__txmn.us15.list-2Dmanage.com_track_click-3Fu-3D03661bbd10d5d54c7000d57e9-26id-3D8ff685107c-26e-3Db02566437b&d=DwMFaQ&c=r_tSStIHV2ie60z4DgB-pQ&r=owK1lvRE06RZu8UscB2JdKH0iZq9oGNpWbH2fxjxgE8&m=pQ6lbK6dvSdlC3ZXqkjhYZ59GFOKg0DWgI9ICmnrc1w&s=cEJ8C4_Iv21h8t8BTjVMwiSWvjdm0-IANBM90HdhMak&e=) | | | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | [Website](https://urldefense.proofpoint.com/v2/url?u=https-3A__txmn.us15.list-2Dmanage.com_track_click-3Fu-3D03661bbd10d5d54c7000d57e9-26id-3D45f8cfe6c7-26e-3Db02566437b&d=DwMFaQ&c=r_tSStIHV2ie60z4DgB-pQ&r=owK1lvRE06RZu8UscB2JdKH0iZq9oGNpWbH2fxjxgE8&m=pQ6lbK6dvSdlC3ZXqkjhYZ59GFOKg0DWgI9ICmnrc1w&s=MQngUXjvbkr_6dSBfQfGT_1yKUXyO35JULcgUig4VCs&e=) | | | | | | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | |  | | --- | | **COVID 19:  A New, Unfamiliar World to Us All!** | | | |  |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | **Contents of this Newsletter**   * 2020 Executive Board and Communications Volunteers * President's Corner * When the "Firefly's" Light Went Out * Editorial * Update from Statewide TMN President's Conference * Current TMN Guidlines * Project Committee Update * Advanced Training Clarification * Texas Master Naturalists-South Texas Chaper 2020 BOD * Chapter Member Fetured on TPWD PBS Program * Blend Publication * Farwell to a Friend * Liaisons for 2020 * March Chapter Impact * Interesting Resources * Injured Animal Resources * Related Organizations * Embroidery Information * February Chapter Meeting * Archived Newsletters | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | |  | | --- | | **2020 Executive Board for South Texas Master Naturalists**  Bibi Dalrymple, President                 [b](mailto:hardheadedgypsy@gmail.com)ibidalrymple@gmail.com Chuck Blend, PhD, Vice President     [ilovethesea@att.net](mailto:ilovethesea@att.net) Rosemary Plank, Treasurer                [rkplank69@gmail.com](mailto:rkplank69@gmail.com) Justin Quintanilla, Secretary               [simoonsam@gmail.com](mailto:simoonsam@gmail.com)  **Chapter Communications**  Chad Huckabee, The Naturalist (newsletter)     [chadhuckabee@outlook.co](mailto:chadhuckabee@outlook.co)m Ruth Ramos, Website                                        2019ruthr[@gmail.com](mailto:ruthramos3@gmail.com) FaceBook      Randy Bissell         [bissellr@swbell.net](mailto:bissellr@swbell.net)      Justin Quintanilla    [simoonsam@gmail.com](mailto:simoonsam@gmail.com) | | | | | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | The South Texas Master Naturalist is a product of the efforts of chapter volunteers.  Special thanks to Bibi Dalrymple, Bob Ward, Carol Krepel, Cindy Frank, Justin Quintanilla and Chad Huckabee who contributed research and writing for this newsletter. | | |  |  |  | | --- | --- | | |  | | --- | |  | |  |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | **President's Corner** by Bibi Dalrymple  “And the days that I keep my gratitude higher than my expectations, well, I have really good days.” Mother Blues – Ray Wylie Hubbard      A few things I’m grateful for: health care workers caring for the sick, scientists studying the novel coronavirus, experts guiding our leaders’ response, technology that allows us to stay connected as we distance physically, grocery store workers who stock and restock the shelves, and I could go on…       I’m thankful that most people’s default setting is to help and sacrifice in times of trouble. This is the first time in my life that most people around the globe have a shared experience and a shared goal at the same time; I hope this helps us understand that we are all more alike than we are different.   I’m grateful that it’s spring here in South Texas. The natural world is consumed with the work of renewing life and oblivious to humanity’s obsession with mortality and morbidity. Plants are covered in fresh leaves and flowers that call out to pollinators. Some birds are already busy building nests and singing their songs. This explosion of life is a daily reminder that this contagion will pass, and life will return to normal at some point.       The days when I can focus on my gratitude turn out to be pretty good days. I hope that everyone can stay safe and healthy and find some gratitude. | | |  |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | **When the "firefly’s" Light Went Out** by Chad Huckabee     This article is a resulted from observations of two projects:  Flour Bluff Intermediate Nature Garden and STMN Butterfly Project for TMN State Meeting.  Technical references from two books and a number of scientific websites.  The books are Michael and Patricia Fogden’s The Natural History of Flowers, and Douglass W. Tallamy’s Bringing Nature Home are also included.  This is Part I of a two-part article being prepared for newspaper publications this Summer.  Part 2 will address the importance of native plants to insect populations specifically and ultimately the  vertebrate population.      When many of us were growing up, our childhood memories include chasing and catching fire flies if you lived in northern latitudes and click beetles if you lived along the Gulf Coast.  Collected them, placed them in jars, showed them to our parents and friends, and marveled at the iridescent green glow the critters made.  Our younger Master Naturalists likely have rarely seen them, certainly not in the numbers we once enjoyed.  What happened to them?      Certainly no one thing and certainly no individual group is responsible for their diminished numbers.  In fact, the cause has impacted all native wildlife throughout North America and has been going on in insidious fashion throughout our history.  However, during the past one-hundred years it has become an ecological disaster.  Among the historical culprits are clearing forest for logging, clearing land for agriculture and adding alien plants being brought in from around the world.  During our time we have added massive urbanization, highways and streets.  Collectively, these man-made obstacles have contributed to  the fragmentation of the environment to such a degree that the energy flow of the Earth System is changed.  Each of these has led to the demise of insect fauna that provides the protein needs of all the animals. Insect fauna comprises 72% of the terrestrial Earth Biomass.  Each of us is responsible. The Judeo-Christian belief that all of the Earth’s bounty is provided for our personal greed is likely a false assumption of early religious story tellers and writers.  The good news is we who caused the problem are key to fixing it. In the following paragraphs I will address some cause and effect relationships  I listed above, and suggests how the problems can be ameliorated.       Fragmentation is that process whereby tracks of land have been repurposed to human use rather than Nature use to the extent of disrupting migration, population mixing and mating access all of which reduces species diversification. Only now are conservation groups trying to purchase large tracks of land to restore native habitat and create linkage from Canada to Central America and beyond.  This  monumental effort will take generations of commitment and enormous expenditure.  Destroying habitat that took millions of years to create is cheap, restoration is expensive.  Since the cast of the Mayflower arrived at Plymouth Rock, bringing with them alien species of plants, the onslaught began and has been continuous’  and has been accelerated by the modern nursery industry.      Examine your yard or if you grow patio plants in an apartment  Do you see insect damage?  If not, you likely are hosting alien plants.  Certainly, a native insect will not recognize it as food; not knowing the plant's leaf chemical makeup.  The plant originated on another continent where it did have predators but here it has none.  On the surface this sounds wonderful.  Decorative flowers, beautiful lawn of turf grass,  trees planted by the builder or neighborhood association requirements and various stages of growth and bushes and hedgerows surrounding your property and few insects.  What most of us have is a sterile yard, more plastic-like than real.  Multiply this by tens of millions of homes and commercial establishments and one sees that the loss of my storied "firefly" created  huge impact on insect populations.        So, why is this bad?  “I don’t like bugs when I'm in my yard,”  you say.  The problem is that these "bugs" are fundamental to the ecology of all the planet.  Insects, however, do not live in isolation.  The relationship between insects and native plants goes back nearly 500 million years.  They co-evolved while traveling evolutionary pathways that predators and prey follow, adapting, re-adapting while keeping  sensitive equilibrium.  While all plants produce primary metabolism (the production of oxygen gas and glucose through photosynthesis), it is within the leaf’s leaves whereby secondary metabolites fight the evolutionary battle of creating protective chemicals, pollination enticements and structure.  In order to answer the question at the beginning of this article, we all must understand that mass sterilization of the earth is decimating the ecosystems.  As the insect populations collapse vertebrate populations soon follow and we are doomed to the same fate.  COVID 19, like most viral diseases jumped from one population to another, this time us.  This in itself is not unusual.  It is part of evolution.  What is unusual about this is that no human has ever had this particular corona virus and therefore, the entire human population is susceptible because we have developed no antibodies in our bodies to combat this virus.  In an analogous fashion, humans have been the corona virus that has so devastated the insect populations of the world.  As we kill off other species of animals by intent or negligence, we make ourselves (humans) more of a target.  We kill off animals by killing off their food supply. In the case of insects and other Arthropods, we kill them off by removing native plants.  This breaks down the energy flow from plants to vertebrates. The fewer target species, the greater likelihood of those few remaining the greater the frequently that they will be targeted.        Let’s look at the impact of insects on a chosen species of vertebrate, the bird.  I choose the bird because most of us enjoy them.  We go bird watching, or birding.  We earn Advanced Training for learning about local birds.  Birding is the most common outdoor activity of people worldwide.  Birding generates hundreds of billions of dollars worldwide.  Birding revenues generates more economic impact than all athletic enterprises combined.  So, with the understanding that birds represent only  one vertebrate example, let me elaborate on the impact.  We all understand that habitat loss, fragmentation, automobiles and buildings and other structures have a huge impact on the decline of bird populations.  Let's break it down.  Every bird species uses insects to feed their young.  Sorry everyone, baby birds don't eat seed, milk, bread or even Whataburger.  They eat protein. Protein from insects and other Arthropods.  Ninety-seven percent of North American terrestrial birds feed their young insects.  With all the obstacles mankind  has placed before bird survival, we now systematically starve their progeny.  When speakers talk of habitat loss, one must understand they are not talking of a real estate allocation, or neighborhood for birds, they are talking about the loss of native places that grow insects that feed the next generation of birds.  These insects require native plants for sustenance.  It is the insect that moves energy from the plant to the animal kingdoms. As negligent as humans have been toward the cornucopia of living things provided them, a few are realizing that our end is in sight at this rate.  However, this is one of our many misdeeds inflicted on the environment that each of us can each address, and many are doing.        What would happen if everyone growing  plants in a pot or in their yard would replace them with native plants?  Remember that your neighbors are just as ignorant about plants as you.  “A plant is a plant.”  There is some myth that a plant from the nursery is more beautiful than the native.  Remember that the nursery’s alien plant you think is so pretty is likely a "weed" where it originated.  A weed that bears secondary metabolites totally unfamiliar to native insect populations.  If over a few years each of us replace our sterile yards with productive yards of predominantly native plants, the insects would return, and  bird populations would rebound in most places.  Easily, urban center can become part of the nature corridor for animal migration, for native plant restoration and bird population increases.  Every yard should have most turf grass replaced by native grasses and forbs.  Under story of bushes around our trees instead of grass which by the way damages trees.  Hedgerows of aliens plants can be hedgerows of native plants.  Alien flowers can be replaced by native plants.  Guess what?  Your neighbors will never know the differences in your plants but will recognize the differences in the insects they see, notably the butterflies.  You will be modeling for your neighbors and neighborhood.  Are you going to  have insects that annoy you?  Yes.  Are your children and grandchildren going to see fireflies and click beetles?  Absolutely.  Will this happen overnight?  No.  If you take initial steps of finding out what to grow, where to purchase, or where to get transplants or seeds, you will have a wonderful gardening life for the next ten years.  Ten years appears to be the time it takes to begin seeing large changes in these conversions.        In the May newsletter I will provide explanation of the cascading effect of removing native plant populations.   I will investigate how you gather native plants and provide resources to guide you.  I will try to dispel the idea that alien plants are somehow good for the environment.  In the meantime, start your journey toward good stewardship of the environment.  Your grandchildren will thank you. | | |  |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | **Editorial** by Chad Huckabee      Times have changed.  We are all making adjustments.  Until the world population becomes infected enough to develop antibodies to the CONVID 19 virus we are all susceptible.  In modern society with all the global mixing of materials and people, the virus will likely outpace the clinical creation of vaccines.  When creating and testing vaccines there are always three outcomes, only one of them is desirable.  The outcomes are the vaccine does nothing, it does more harm than good, or it works.  On a fast track this process will take one year to eighteen months.  In the meantime, personal contact limitations is the best delaying tactic.  By limiting virus by slowing it down, we all buy more time.  If we do not heed this advice, most of us will be infected. While there are many people susceptible to catching the virus, the most critical will be the health care professionals.  We have to lower the peak infestations and give them a chance.  All the ventilators in the world are not going to do any good if there are no trained professionals to operate them.      This being said, I can think of no better way to ride this out than to remain active and be outside (but away from people).  This is an excellent time to work on your garden, go to parks to clean up, trim, tend to beds, remove invasive plants.  Fresh air outdoors is always better than the air in any building home or other wise.  Go hiking, go birding.  There is no good reason to give up earning TMN Volunteer Hours if you still want them.  You can find opportunity at all the parks, at the Botanical Garden.  Judge Canales' county rules are to limit the number of people in gatherings in close proximity.  No one is going to bother you while working alone or with another person.  Just keep your distance.  Many places like the Botanical Garden will give you a paper giving you permission to be there working.  I now Grace and Adel regularly work there.  Cindy, Ada, Janice and I do garden work at the Bluff Intermediate Nature Garden, although Ada and Janice have to pull their hair out because their student's parents cannot follow instructions.  I'm sure you  other teachers in our chapter have similar experiences.  Never prejudge a student until you meet the parent.  Quite often the youngster is doing rather well considering their parents.        Within two weeks routine meetings will be up and running for those interested.  TMN is providing Zoom, an online community interface, to be utilized.  Many teachers current use this with all their students each day.  Among the first to  utilize this in our chapter will be the BOD and the Project Committee.  Also consideration is pointing to utilization of online AT for members interested.  Watch for information as this develops.  In the meantime, stay save, follow the CDC recommendations, and certainly avoid distance travel.  If you have any needs or requests contact any BOD, committee chair or Liaison. | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | |  | | --- | | **Update from Statewide Presidents Conference** by Bibi Dalrymple  Chapter Presidents Meeting via Zoom                                                     Start time: 1:00 End time: 2:00 Date: March 30, 2020    At 1:15 43 members present   All Face to Face meetings canceled through at least  May 4th. How will your chapter make plans for programing and new training classes? Open Discussion **VT** At this time the 40 hours of VT remains in effect. Discussion from presidents to consider changes to this requirement depending on continued shelter in place due to COVID-19 virus. **New Training Classes** Move spring training classes to strictly distance learning. Maintain question and answer period with trainer for each training held. **Zoom Accounts** Each chapter is to coordinate training with regional chapters using new Zoom platform provided by AgriLife or use your own free/personal Zoom account.  Pay attention to the Google calendar when scheduling Zoom events with your chapter. Many chapters are using the same Zoom account. To avoid scheduling conflicts, keep open communications with your region according to the map Mary shared with us. We have six Zoom accounts separated into six regions. **Slack** Presidents should have been invited to join SLACK communication platform. Use this platform to discuss best practices and sharing speakers etc. Send policy questions to Mary or Michelle by email. **AT Training** MN already have a policy in place which will be amended for 2020 to allow all eight hours of AT to be awarded for online/distance learning. There will be more information on this topic. Members must be encouraged to continue discussions about topics to increase retention of information. (No YouTube Learning)  Members should consider the following programs to get AT hours. Newsletters, iNaturalist, eBird, Arm Chair Botanist, work on presentations for fall Nestwatch, Audubon Classes? (many cost a pretty penny) **Annual Meeting** Annual meeting is still being planned. Each chapter is asked to encourage members to participate.   Meeting ended 2:00 Presidents are to record hours under presidential duties. Prepared by: C Miller,  Bois d’ Arc Chapter  **Current Guidelines for Texas Master Naturalist Chapters** Texas A&M AgriLife Extension Service and the Texas Parks and Wildlife Department are statewide sponsors of the Texas Master Naturalist Program.  As such we must adhere to the policies set forth by both of our sponsoring agencies. ■       Texas A&M AgriLife Extension has mandated that ALL AgriLife face to face events, programs and meetings be cancelled through **May 4th** at the earliest.  ■       This includes Texas Master Naturalist face to face events, programs and meetings. ■       Because the period may well be extended, all TMN chapters should continue to make contingency plans for no face to-face events through the summer out of an abundance of caution. ■       [https://agrilifeextension.tamu.edu/coronavirus/](https://urldefense.proofpoint.com/v2/url?u=https-3A__txmn.us15.list-2Dmanage.com_track_click-3Fu-3D03661bbd10d5d54c7000d57e9-26id-3D46e4db23fa-26e-3Db02566437b&d=DwMFaQ&c=r_tSStIHV2ie60z4DgB-pQ&r=owK1lvRE06RZu8UscB2JdKH0iZq9oGNpWbH2fxjxgE8&m=pQ6lbK6dvSdlC3ZXqkjhYZ59GFOKg0DWgI9ICmnrc1w&s=MDJGzDtdOmL1cwxSxungHjhdJGGRF-Jzo8cTc67dRkw&e=) - a resource page for updates   Certification Requirements – 2020 Events & Situations ■        The mission of the Texas Master Naturalist Program is 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. –        Key Tenets of our Program – are a ‘Masters’-level Basic Training  & Volunteer Service ■       The requirement for a full 40 hours of Basic Training and 40 hours of Volunteer Service **will not be changed** for 2020. ■       Exceptions will be made for Advanced Training in 2020 as described below, but 8 hours minimum will still be required.   Basic Training Requirements – 2020 Events & Situations ■       For chapters in the midst of a spring basic training class and who choose to continue Spring Basic Training Classes Online –        Host remaining class subjects through Zoom/Online platforms –        Field based education delayed until shutdown lifted –        Field based training waived for 2020 spring basic training classes. But encourage members to audit field courses in future years. –        Coordinate training opportunities with nearby/regional TMN chapters –        Take advantage of presentations from state office\* (\*pending) –        Encourage members to audit future in-person basic courses for reinforcement of subject matter –        MUST include question/answer and discussion period with presenter –        Make-up exceptions for basic training courses need to be submitted to chapter leadership or to the state office for input (i.e if a trainee misses an online training day, how do they make it up?)   Advanced Training Annual Requirements – 2020 INTERIM POLICY ■       Online-based training and webinars will accepted for **all of the minimum of 8 hours** of advanced training hours required for certification. Additional AT hours can be earned through distance or in person courses once shutdown lifted. ■       We encourage members to consider attending in person advanced trainings in the fall once travel & health restrictions lift. ■       We encourage chapters to host multi-chapter or regional advanced training webinars/online programs to limit stress on presenters. ■       We encourage the priority of those online training/webinars that are live, allow for speaker/audience interaction and allow for questions/discussion at the end. ■       We encourage chapters to host post-training discussion groups if speaker isn’t available for questions/discussion. ■       We encourage limits to those advanced trainings that are pre-recorded, not live or not interactive in their online format. No “learning by YouTube”.   Volunteer Service Requirements – 2020 Events & Situations ■       There will be **no change in the minimum requirements for volunteer service** for certification/recertification in 2020 ■       But there are some options to switch to distance service: –        Write a newsletter article spotlighting a local SGCN species or make a presentation to give in the fall. –        Verify or assist with curating observations in iNaturalist or eBird \* (\*more guidance on CitSci volunteer service coming soon.) –        Contributing to the chapters blog/newsletter –        Planning your chapter’s 20th anniversary events/celebration/etc. –        Planning for fall trainings, ATs and projects –        Grant writing –        Updating chapter websites –        Updating chapter brochures and outreach materials –        Reviewing/making comments to the TMN bylaws, CMOP and COH documents for possible considerations to state program office should consider for 2020 updates. –        Join a planning committee for the TMN Annual Meeting and events. –        Assist leadership with managing your chapter, going through and organizing chapter files whether they are electronic or paper files. ■       Encourage your members to share their service ideas with us to share across the state!   ■       **IMPORTANT NOTE** – ALL volunteer service MUST meet local and federal guidelines for limited travel and social distancing. Local Guidelines currently vary city to city and county to county. –        Some considerations – We encourage members to limit engaging in service at parks, nature centers, gardens even if following distancing and cleaning guidelines – consider your travel there (i.e stopping at a gas station) or the potential safety situations when working by yourself at a remote site. It is strongly recommended that these types of service be limited out of an abundance of caution and are not required to complete under social distancing restrictions.   Mary Pearl Meuth Texas Master Naturalist Program Assistant State Coordinator | | | |  |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | **Project Committee Meeting Update**  Members of this committee met on March 15 at Cindy and David Frank's house in order to brainstorm what we might want to present at the TMN Annual Meeting this October.  Those attending included the following:  Cindy Frank, Rosemary Plank, Gary Walker, Justin Quintanilla, Adel Casiano and Chad Huckabee.  The group agreed that a living project was the way we wanted to go.  This will be built on the efforts of Rosemary and Gary at the 2019 TMN Annual Meeting.  The chapter voted approval for this undertaking at our February monthly meeting.  The group generally agreed that principles presented Douglas W. Tallamy in his book, Bringing Nature Home.  This is a book all Master Naturalist's should read.  Chad addresses some of Tallamy's ideas in the "Firefly" expose at the beginning of the newsletter.  Other considerations are poster, games or other interactions depicting the scope of living systems and how they are so degraded by humans.  The general focus will be on butterflies, their host plants, nectar plants, why native plants are imperative, the all but destroyed predator/prey relationship that has been forced out of nature and how each person can help restore it.    If you would like to be involved, have ideas to contribute let Rosemary Plank or Adel Casiano know. | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | |  | | --- | | **Advanced Training Clarifications** by Chad Huckabee  As a chapter with diverse interests we deal with three sources of AT Opportunities.  Two of these have been utilized throughout STMN history.   1. The Chapter Vice-president selects the speakers for the monthly meetings.  These vary from 0.75 to 1.25 hour. 2. Chapter Partners (Botanical Garden, Oso Wetlands and Delta Preserve for example) provide AT hours of variable length through their programs.  Limited partners and other entities occasionally provide a program that matches our TMN Mission.  These are approved by Grace Lopez's Committee.  She is the resource a member goes to when they discover an AT Opportunity that may be appropriate.  The member should send Grace a copy of the program and its mission or objectives to insure that it fits TMN Mission. 3. As of 2019, a third source of AT Opportunities was made available.  Its purpose is to fill in the training gaps that are not tended through Intern Training.  They are also designed to provide broader information to expand TMN knowledge/skill levels.  With few exceptions the presenters are TMN members who have special knowledge or skills that are appropriate for our members.  These AT Opportunities vary in length from 2 hours to 6 hours 4. As we move toward online training during the interim, we may develop application process by which AT programs can be submitted with general content info, learning objectives and an evaluation process.. | | | |  |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | **Texas Master Naturalists** **South Texas Chapter Board of Directors and Committees - 2020** ACCORDING TO PPP MANUAL FOR STMN. ALL COMMITTEE POSITIONS BECOME VACANT ON DEC 31 EXCEPT FOR POSITIONS DESIGNATED BY THE PPP MANUAL OR DUE TO SPECIALIZED SKILL OR KNOWLEDGE. THEREFORE, ALL ELIGIBLE MEMBERS ARE FREE TO JOIN OR LEAD ANY COMMITTEE EFFECTIVE JAN 1. SUBMIT YOUR NAME AND THE SUB-/COMMITTEE(S) WITH WHICH YOU WANT TO PARTICIPATE OR LEAD TO ANY ELECTED OFFICER, CAROL KREPEL (PPP) OR CHAD HUCKABEE (NEWSLETTER)**. \***Committee Chairs are appointed by the President for a term of one calendar year, with the consent of the Board of Directors. Get involved! Learn and participate in chapter governance.  It is easier on everyone when there is full participation.  If you would like to join a committee or subcommittee, contact Chuck Blend, Chapter Vice-President.  **Executive Board (5 members)**:                                     Additional Posts: President                                      Bibi Dalrymple          Intern Class Representative    Leslie Hoekstra Vice President                              Chuck Blend             VMS Admin 1/Hours Keeper         Cindy Frank Treasurer                                     Rosemary Plank        VMS Admin 2                          Chad Huckabee Secretary                                     Justin Quintanilla       Ex Officios/Advisors (2)      Paul Silva (TPWD) Immediate Past President            Blyth Swartsfager                          Kevin Gibbs (AgriLife Extension)   **Committees (6):**  Education Committee                  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(Chair)**        - Initial Training Subcommittee       Phil Woods **(Chair)**, Justin Quintanilla, Randy & Dawn Bissell        - Advanced Training Subcommittee     Chad Huckabee**(Chair)**, Kim Ogden, Lilian Bass, Brenda         Weathered, Art Siebert              - Advanced Training Approval Subcommittee     Grace Lopez, \_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_   Finance Committee                  Rosemary Plank **(Chair)**, Cindy Frank, Art Siebert (Budgeting & Audit)   Historian/Archivist Committee      Chad Huckabee **(Chair)**, Michelle Alvarez, \_\_\_\_\_\_\_\_\_\_\_\_\_  Membership Committee              Carol Krepel **(Chair)**, Chad Huckabee, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_         - Mentoring Subcommittee       \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(Chair)**, \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_          - Hospitality Subcommittee      Christy Blend **(Chair)**, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_          - Publicity Subcommittee         Jen McCollough **(Chair)**, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_  Outreach/Communication Committee      \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **(Chair)**        - Chapter Projects Subcommittee    Adel Casiano **(Chair)**, Rosemary Plank, Justin Quintanilla, Grace Lopez        - Webmaster/Website Coord. Subcommittee   Ruth Ramos, \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_        - Facebook Subcommittee                               Justin Quintanilla, Randy Bissell, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_        - Newsletter Subcommittee                              Chad Huckabee, Cindy Frank, Carol Krepel   PPP Committee                          Chuck Blend **(Chair)**, Cindy Frank, Ruth Ramos, Rosemary Plank, (Operations/Bylaws)                    Art Seibert, Carol Krepel | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | |  | | --- | | **Chapter Member Featured on TPWD PBS Program** Chapter member, Carol Singleton was featured in a recent TPWD television program about the increasing in numbers of Green Sea Turtles along our coast.  Carol was articulate in her discussion of their frequency and her work removing fishing gear that fishermen neglect to remove properly.  Her segment lead into the discussion of turtle care and rehabilitation of sea turtles at the Texas State Aquarium. | | | |  |  |  | | --- | --- | | |  | | --- | |  | |  |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | **Chuck Blend, PhD.  Publication**  I just got my latest paper today from the Journal of Parasitology (set for April issue of this journal).  This paper details a brand new genus and species of deep-sea parasitic fluke (= digenean) found in the intestine a **DEEP**-sea fish (**WoW!**  Depth = 2,800 meters! 😯) found off Oregon.  The fish itself is the pudgy cuskeel, Spectrunculus grandis, which is in the fish family Ophidiidae. The new parasite taxon is named after Dr. Norman Dronen, my “second father”, at Texas A&M, who was my M.S. and Post-Doctoral advisor and pretty much taught me everything I know about parasitology.  It is the direct result of a sabbatical I had at the Manter Parasitology Laboratory & Museum at the Univ. of Nebraska-Lincoln a little over a decade ago when I was a professor up in Boston.      If any chapter member would like to read the paper article in its entirety, let Chuck know. | | |  |  |  | | --- | --- | | |  | | --- | |  | |  |  |  |  | | --- | --- | --- | | |  | | --- | |  | | STMN Donald "Stan" Stanley has moved from Corpus to Conroe.  Stan was a fixture at the Botanical Garden during the years he was with us.  He worked with and conducted one-on-one reptile and bird shows for Garden guests.  Not only will he be missed at the Garden, but as an active chapter member.  Stan will be joining a chapter in the Conroe area.  Thank you Stan for representing STMN well. | |  |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | **Texas Master Naturalists (TMNs)** **South Texas Chapter Liaisons - 2020**  Liaisons connect chapter members to volunteer opportunities and needs by keeping Facebook (FB), Website, Newsletter, Advanced Training (AT) and Volunteer Approval personnel and general membership (i.e., chapter meetings) apprised of events occurring within fellow community groups having similar interests to our chapter of TMNs. As with sub-/committee positions, liaison positions are open to those chapter participants volunteering at various sites.   |  | | --- | | Audubon Outdoor Club, Blucher Park                        Karen Smith <[readerksmith@hotmail.com](mailto:readerksmith@hotmail.com)>   Children in Nature                                                      Kim Ogden <[ogdenzoo@gmail.com](mailto:ogdenzoo@gmail.com)>   Coastal Bend Audubon Soc., CC Astronomical Soc. Chuck Blend <[ilovethesea@att.net](mailto:ilovethesea@att.net)>   CC Museum of Science & History                             Jen McCollough <[JenniferM2@ccmuseum.com](mailto:JenniferM2@ccmuseum.com)>  Jr Master Naturalists (JrMN) - Flour Bluff                  Ada Anderson <[adatanderson@gmail.com](mailto:adatanderson@gmail.com)>   Lake Corpus Christi State Park                                Blyth Swartsfager<[hardheadedgypsy@gmail.com](mailto:hardheadedgypsy@gmail.com)>   Mustang Is. State Park, JrMN - Flour Bluff               Janice Ainbinder <[jainbinder50@gmail.com](mailto:jainbinder50@gmail.com)>   Nature Preserves Port Aransas                                Leslie Hoekstra <[lhoekstra.hskt@gmail.com](mailto:lhoekstra.hskt@gmail.com)> &                                                                                   Ray Dillahunty <[rcdillahunty@gmail.com](mailto:rcdillahunty@gmail.com)>   Nueces Delta Preserve                                             Kim Ogden <[ogdenzoo@gmail.com](mailto:ogdenzoo@gmail.com)> &                                                                                   Philip Woods <[Philip.woodscc@gmail.com](mailto:Philip.woodscc@gmail.com)>  Oso Bay Wetlands Preserve                                    Philip Woods <[Philip.woodscc@gmail.com](mailto:Philip.woodscc@gmail.com)>   PINS Interpretive Rangers                                       Art Siebert <[artsiebert@gmail.com](mailto:artsiebert@gmail.com)>  PINS Turtle Program                                               Janine Canady <[adcanady@aol.com](mailto:adcanady@aol.com)>   South Texas Botanical Gardens                              Grace Lopez <[mgracelpz43@gmail.com](mailto:mgracelpz43@gmail.com)> &                                                                                 Rosemary Plank <[rkplank69@gmail.com](mailto:rkplank69@gmail.com)>   Texas Sealife Center                                               Wendy Hill <[wendyphill@aol.com](mailto:wendyphill@aol.com)>  Texas State Aquarium                                             Samantha Cass <[scass@inglesidetx.gov](mailto:scass@inglesidetx.gov)>  UTMSI/The ARK                                                     Bob Ward <[robertward1955@hotmail.com](mailto:robertward1955@hotmail.com)>  Welder Wildlife Foundation                                    Grace Lopez <[mgracelpz43@gmail.com](mailto:mgracelpz43@gmail.com)>   Big Bloom, Celebration of Flight                            Chad Huckabee <chadhuckabee@outlook.c | | | |  |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | **March Chapter Impact** by Cindy Frank       Cindy graciously provides this column each month so that our membership sees the impact we have on our community.  Also, it provides a means for volunteers a  contact should they want to try a particular opportunity  List of who did what – March, 2020  (total volunteer hours for month = 198.5)  (total people seen for month = 358 adults + 1056 youth =1414)  ARK-RM – Bob Ward  Blucher Park-RM – Karen Smith, Bibi Dalrymple, Michelle Alvarez  CC Museum-PO – Chuck Blend  CC Museum-RM – Chuck Blend, Christy Blend, Art Siebert  Citizen Science-FR – Cindy Frank, George Gardiner  Community Presentations-DO – Adel Casiano, Carlos Valdez, Dawn Bissell, Cindy Frank  Community Service-TG – Karen Smith, Chad Huckabee  ComPartServ-PO – Grace Lopez, Chad Huckabee  Flour Bluff-PO - Chad Huckabee  Flour Bluff–RM – Chad Huckabee, Cindy Frank  Held Moran Wildlife Sanctuary-RM – Chad Huckabee  Mustang Island SP-RM – Randy Bissell  NDP-DO – Chad Huckabee, Cindy Frank, Charlie Ogden, Phil Woods, Carlos Valdez, Randy Bissell  OBWPNC-DO – Charlie Ogden  OBWPNC-PO – Carol Krepel  Packery Channel Sanctuary-RM – Karen Smith  PINS-DO – Art Siebert  PINS-PO – Art Siebert  PINS-RM – Carol Singleton, Amanda Gabehart, Adel Casiano, Wendy Hill, Art Siebert, Cindy Frank  Port A Nature Preserve-DO – Carol Krepel  Port A Nature Preserve-RM – Carol Krepel, Liz Abel, Ray Dillahunty  Public CleanUp-RM – Cindy Frank  STBGNC-DO – Adel Casiano  STBGNC-PO – Stan Stanley, Grace Lopez  STBGNC-RM – Grace Lopez, Stan Stanley, Adel Casiano, Liz Abel  TPWD Fish Hatchery-RM – Wendy Hill  TSA-PO – Sam Cass  TSC-RM – Wendy Hill  UTMSI-PO – Phil Woods  WWF-DO – Phil Woods  WWF-PO – Phil Woods | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | |  | | --- | | **Interesting Resources**  .Native Plant Society of Texas <[mailman@npsot.org](mailto:mailman@npsot.org)>       Plant Beautyberry for understory by Rachel Cywinsky November Issue      Granjeno provides food in dry conditions by Rachel Cywinski October Issue      Sugarberries should be in every natural landscape by Rachel Cywinski October Issue      The naming of plants by Linda Leinen  January Issue Science By the Sea UTMSI podcast Daily on PBS radio or [www.sciencebythesea.org](http://www.sciencebythesea.org) Science Friday PBS podcast weekly on PBS radio Bird Notes PBS radio  podcast daily | | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | ****Injured Animal Resources**** Following are available local resources:  \* Take injured birds: [*Amos Rehabilitation Keep*](https://urldefense.proofpoint.com/v2/url?u=https-3A__txmn.us15.list-2Dmanage.com_track_click-3Fu-3D03661bbd10d5d54c7000d57e9-26id-3Dcdfb08bb56-26e-3Db02566437b&d=DwMFaQ&c=r_tSStIHV2ie60z4DgB-pQ&r=owK1lvRE06RZu8UscB2JdKH0iZq9oGNpWbH2fxjxgE8&m=pQ6lbK6dvSdlC3ZXqkjhYZ59GFOKg0DWgI9ICmnrc1w&s=AbzbgaNke8ApxijeiqwJ2bSybnKw8KAiyFnGRxOpwxo&e=), UT-Port Aransas, 361-749-6793 (most birds, turtles etc).  \*Second Chances Wildlife Rehabilitation Program at the [*TX State Aquarium*](https://urldefense.proofpoint.com/v2/url?u=https-3A__txmn.us15.list-2Dmanage.com_track_click-3Fu-3D03661bbd10d5d54c7000d57e9-26id-3Df9391ea80b-26e-3Db02566437b&d=DwMFaQ&c=r_tSStIHV2ie60z4DgB-pQ&r=owK1lvRE06RZu8UscB2JdKH0iZq9oGNpWbH2fxjxgE8&m=pQ6lbK6dvSdlC3ZXqkjhYZ59GFOKg0DWgI9ICmnrc1w&s=zrjhGBTty01jWW4T59c7bjFcgfqvrDn7VQy2lGQ_PSA&e=), 881-1219 (water birds and some raptors only, no land birds)  \*[Corpus Christi Sealife Center](https://urldefense.proofpoint.com/v2/url?u=https-3A__txmn.us15.list-2Dmanage.com_track_click-3Fu-3D03661bbd10d5d54c7000d57e9-26id-3Dba33f288e5-26e-3Db02566437b&d=DwMFaQ&c=r_tSStIHV2ie60z4DgB-pQ&r=owK1lvRE06RZu8UscB2JdKH0iZq9oGNpWbH2fxjxgE8&m=pQ6lbK6dvSdlC3ZXqkjhYZ59GFOKg0DWgI9ICmnrc1w&s=6Tvm_ErSq05Vx6m3E-rWJsrkI6WFEscWANK43mtwlP4&e=), 14220 SPID, next to Packery Channel Park (all kinds of animals, but focus is rescue/return of turtles, shorebirds and raptors).  \*Cage birds/Parrot Rescue: email Paula Scott at  [cbcbirdclub@gmail.com](mailto:cbcbirdclub@gmail.com), Coastal Bend Companion Bird Club and Rescue Mission.  \*To contact a licensed wildlife rehabilitator in your area, visit the Texas Parks and Wildlife's rehabilitators, by county, [***at their website***](https://urldefense.proofpoint.com/v2/url?u=https-3A__txmn.us15.list-2Dmanage.com_track_click-3Fu-3D03661bbd10d5d54c7000d57e9-26id-3D33049104db-26e-3Db02566437b&d=DwMFaQ&c=r_tSStIHV2ie60z4DgB-pQ&r=owK1lvRE06RZu8UscB2JdKH0iZq9oGNpWbH2fxjxgE8&m=pQ6lbK6dvSdlC3ZXqkjhYZ59GFOKg0DWgI9ICmnrc1w&s=fTfDvPkNmXgYDUJV9gJYMwRTujKX1_MWzhMUU3-xwU0&e=), or call TPWD Wildlife at 1-800-792-1112 | | | | |  |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | **Related Organizations**  Information about these organizations, their newsletters and activities in which they may be involved can be researched by clicking on the items below.  If you know of other organizations in the coastal bend that should be listed, please notify Chad.  Native Plant Society of Texas [https://npsot.org/wp/contact/](https://urldefense.proofpoint.com/v2/url?u=https-3A__txmn.us15.list-2Dmanage.com_track_click-3Fu-3D03661bbd10d5d54c7000d57e9-26id-3Df978684284-26e-3Db02566437b&d=DwMFaQ&c=r_tSStIHV2ie60z4DgB-pQ&r=owK1lvRE06RZu8UscB2JdKH0iZq9oGNpWbH2fxjxgE8&m=pQ6lbK6dvSdlC3ZXqkjhYZ59GFOKg0DWgI9ICmnrc1w&s=DshNaZr0t9o6qTuNemslw5MMsgHo4RFrQbSUOwF4XWU&e=) Corpus Christi Science & History Museum <[yvettel2@ccmuseum.com](mailto:yvettel2@ccmuseum.com)> Audubon Outdoor Club [www.audubonoutdoorclub.com](https://urldefense.proofpoint.com/v2/url?u=https-3A__txmn.us15.list-2Dmanage.com_track_click-3Fu-3D03661bbd10d5d54c7000d57e9-26id-3D65005bcdbb-26e-3Db02566437b&d=DwMFaQ&c=r_tSStIHV2ie60z4DgB-pQ&r=owK1lvRE06RZu8UscB2JdKH0iZq9oGNpWbH2fxjxgE8&m=pQ6lbK6dvSdlC3ZXqkjhYZ59GFOKg0DWgI9ICmnrc1w&s=bhU4F4GRengxbbrmAiA80a7TFKfquC7u2j6Ake7LrJg&e=). Welder Wildlife Refuge  [http://welderwildlife.org/content/visitors/public/](https://urldefense.proofpoint.com/v2/url?u=https-3A__txmn.us15.list-2Dmanage.com_track_click-3Fu-3D03661bbd10d5d54c7000d57e9-26id-3D075cbdf0bf-26e-3Db02566437b&d=DwMFaQ&c=r_tSStIHV2ie60z4DgB-pQ&r=owK1lvRE06RZu8UscB2JdKH0iZq9oGNpWbH2fxjxgE8&m=pQ6lbK6dvSdlC3ZXqkjhYZ59GFOKg0DWgI9ICmnrc1w&s=p7TeQTsFxuGFGfeAvBhAT3B-KOx-WNbTTjFOtfT-7Uo&e=) South Texas Botanical Garden and Nature Center  [http://stxbot.org/](https://urldefense.proofpoint.com/v2/url?u=https-3A__txmn.us15.list-2Dmanage.com_track_click-3Fu-3D03661bbd10d5d54c7000d57e9-26id-3D5091debad6-26e-3Db02566437b&d=DwMFaQ&c=r_tSStIHV2ie60z4DgB-pQ&r=owK1lvRE06RZu8UscB2JdKH0iZq9oGNpWbH2fxjxgE8&m=pQ6lbK6dvSdlC3ZXqkjhYZ59GFOKg0DWgI9ICmnrc1w&s=uUGJwVol9sA7etiBiHyRIPlOPAPDf1el4Z4X4-jtC2o&e=) Birding Code of Ethics  [http://listing.aba.org/wp-content/uploads/2014/09/abaethics.pdf](https://urldefense.proofpoint.com/v2/url?u=https-3A__txmn.us15.list-2Dmanage.com_track_click-3Fu-3D03661bbd10d5d54c7000d57e9-26id-3Dbc8caeb260-26e-3Db02566437b&d=DwMFaQ&c=r_tSStIHV2ie60z4DgB-pQ&r=owK1lvRE06RZu8UscB2JdKH0iZq9oGNpWbH2fxjxgE8&m=pQ6lbK6dvSdlC3ZXqkjhYZ59GFOKg0DWgI9ICmnrc1w&s=t9HwEOI_SkqIAxZLpas_d9NNq0zoO-veeU4O0Dp1CPY&e=) Coastal Bend Bays Foundation  [http://www.baysfoundation.org/](https://urldefense.proofpoint.com/v2/url?u=https-3A__txmn.us15.list-2Dmanage.com_track_click-3Fu-3D03661bbd10d5d54c7000d57e9-26id-3D3a642e994e-26e-3Db02566437b&d=DwMFaQ&c=r_tSStIHV2ie60z4DgB-pQ&r=owK1lvRE06RZu8UscB2JdKH0iZq9oGNpWbH2fxjxgE8&m=pQ6lbK6dvSdlC3ZXqkjhYZ59GFOKg0DWgI9ICmnrc1w&s=1iVPcxrrAAsQEsFNgnNcT1VNo6Vl07j_AKGyxrWI2Ds&e=) Coastal Bend Audubon Society  [http://coastalbendaudubon.org](https://urldefense.proofpoint.com/v2/url?u=https-3A__txmn.us15.list-2Dmanage.com_track_click-3Fu-3D03661bbd10d5d54c7000d57e9-26id-3Da6be0492ba-26e-3Db02566437b&d=DwMFaQ&c=r_tSStIHV2ie60z4DgB-pQ&r=owK1lvRE06RZu8UscB2JdKH0iZq9oGNpWbH2fxjxgE8&m=pQ6lbK6dvSdlC3ZXqkjhYZ59GFOKg0DWgI9ICmnrc1w&s=FSp63mOAScfKEf0kfA3VN3tQwPQMstMGDhbkLGiDqaE&e=) Corpus Christi Geological Society   <http://www.ccgeo.org>  Corpus Christi Astronomical Society  <http://ccstargazers.org> Hawk Watch Daily Update  [https://www.hawkcount.org/month\_summary.php?rsite=470](https://urldefense.proofpoint.com/v2/url?u=https-3A__txmn.us15.list-2Dmanage.com_track_click-3Fu-3D03661bbd10d5d54c7000d57e9-26id-3D79979b514b-26e-3Db02566437b&d=DwMFaQ&c=r_tSStIHV2ie60z4DgB-pQ&r=owK1lvRE06RZu8UscB2JdKH0iZq9oGNpWbH2fxjxgE8&m=pQ6lbK6dvSdlC3ZXqkjhYZ59GFOKg0DWgI9ICmnrc1w&s=2nH_BiMh9L5jUKw3V0PcsLKzPOTjrjw1yJ9ByyYr7qc&e=) Mustang Island State Park Friends  <[eric.ehrlich@tpwd.texas.gov](mailto:eric.ehrlich@tpwd.texas.gov)> | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | |  | | --- | | EMBROIDERY INFORMATION:  Marlin Works, Inc.  2310 Pollex Ave.  Corpus Christi, TX 78415  (361) 854-0906    Our logo is under “South Texas Master Naturalists”  You must purchase your own shirt or hat; take it  to them and choose whatever colors you’d like for  the lettering and dragonfly embroidery work.  Cost = $10.00 plus tax – takes about two weeks    . | | | | | | |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | **March Chapter  Meeting**  **The next STMN Chapter Meeting** **ALL PUBLIC MEETINGS OF TMN ARE CANCELLED UNTIL FURTHER NOTICE** **Speaker:**   **Topic:** | | |  |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | **Archived Newsletters:** The 20 most recent newsletters may be accessed by the following URL: [https://us15.campaign-archive.com/home/?u=03661bbd10d5d54c7000d57e9&id=1cc6523eba](https://urldefense.proofpoint.com/v2/url?u=https-3A__txmn.us15.list-2Dmanage.com_track_click-3Fu-3D03661bbd10d5d54c7000d57e9-26id-3D4370dba0c2-26e-3Db02566437b&d=DwMFaQ&c=r_tSStIHV2ie60z4DgB-pQ&r=owK1lvRE06RZu8UscB2JdKH0iZq9oGNpWbH2fxjxgE8&m=pQ6lbK6dvSdlC3ZXqkjhYZ59GFOKg0DWgI9ICmnrc1w&s=ioNSCzEURK1fQor9oiPzdWA9x8NjBjduKSNoEvfvDfE&e=) | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | |  | | --- | | The members of Texas A&M AgriLife will provide equal opportunities in programs, activities, education and employment to all persons regardless of race, color, sex, religion, age, national origin, disability, genetic information, veteran status, sexual orientation or gender identity and will strive to achieve full and equal employment opportunities  throughout Texas A&M AgriLife. | | | |  |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | . | | | | | |  |  | | --- | --- | | |  | | --- | |  | |  |  |  |  | | --- | --- | --- | | |  |  | | --- | --- | | |  | | --- | | Copyright © 2020 South Texas Master Naturalist, All rights reserved. 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