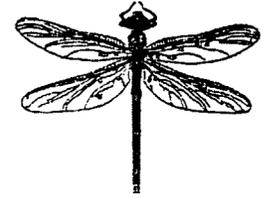


Hays County Master Naturalists NEWSLETTER



-- right here at home -- in the Hill Country

September, 2006

SEPTEMBER EVENTS

September Board Meeting

SEPTEMBER 14, 2006, 7:00 PM

Thanks to Susan Nenney for offering the use of her home on Red Hawk Road, Wimberley.

Tentative agenda:

- Joint Graduation with Training Committee
- Awards for service to Chapter
- November Chapter meeting and handoff to new board
- Policy for Honoraria/Expenses for guest speakers
- Revision of bylaws for election of officers and addition of Past President to the Board
- Ordering MN curriculum



Workday at Onion Creek

Tom Watson will lead another Workday at Onion Creek on September 30, 2006 to provide volunteer hours for those needing volunteer time for certification. All chapter members (including trainees) are invited. We will work on restoring the riparian habitat along the creek. Some of us will be cutting small Juniper trees with loppers and larger trees with chain saws. Those who do not want to participate in the cutting will search for invasive species, record their locations with GPS coordinates, and plot them on maps. This activity involves hiking around the ranch with GPS units to find the noxious plants.

In order to enter the property, all participants must sign City of Austin release forms. Participants will meet at the gate to the Rutherford Ranch on Highway 150, about a mile east of the Hays City Store, and travel from there to the interior of the ranch. The gate will be locked when the team departs and no one can enter after that. Please contact Tom Watson before September 23 if you want to participate so that he can send you

HAYS COUNTY MASTER NATURALISTS

President	Tom Watson
Vice President	Dale Shively
Secretary	Susan Nenney
Treasurer	Winifred Simon
Training Committee	Nancy Turner
Records Committee	Judy Telford
State Advisory Board	Walt Krudop
Web Master	Herb Smith
Editor	Richard Barnett,
	512-847-6941, editor@haysmn.org
Extension Agent	Bryan Davis
TP&WD Rep	Lee Ann Linam

directions to the gate, releases for pre-signing, and other pertinent instructions. RSVP to Tom at twatson11@austin.rr.com or phone 512-894-4822.



THE PRESIDENTIAL VIEW

Greetings, fellow Master Naturalists and Trainees,

The months of July and August are typically slow months for volunteer activities because of the heat. The summer months this year have been among the hottest on record; some say that it is a result of global warming. The heat coupled with drought has been hard on the plants and animals in the hill country. I have seen several small mammal carcasses along Onion Creek over the last couple of months as the creek and water holes are bone-dry, providing no water for thirsty organisms. Even the buffalo grass in my yard is looking pretty grim, this drought a challenge for even the hardiest xerophytes. The trees around my property are struggling even though I water them occasionally. My Chinquapin Oak is definitely sick and the Post Oaks are prematurely casting their leaves. On the brighter side, the drought brought an opportunity for our Chapter members to put on a water conservation presentation at La Ventana subdivision near Driftwood in August. Judy Telford, Ray Franklin, Karen Bartell, and Margie Kidd were the organizers and/or speakers, as well as, a

representative from the Hays Trinity Water Conservation District. Karen and Judy report that more than 30 people were in attendance. The water conservation board followed shortly thereafter with a workshop in Wimberley that drew a large crowd including a large number of our Chapter members. With wells drying up all around, water is a hot topic this summer!

There are several events coming up in September and October that you should keep your eyes open for. On September 14th, Marion Couvillion will join with Andrea Dravigne (Director of San Marcos Nature Center) to put on a workshop on propagation of native plants at the San Marcos Nature Center. Andrea (horticulturist) and Minette Marr (seed bank at LBJWC) will be the speakers and there will be a hands-on exercise in the greenhouse there. The cuttings that you make will be cared for by Judy Telford and other volunteers at SMNC until next year when they will be sold to bring in some funds for our Chapter coffers. On September 30th there will be another workday at Onion Creek, which was requested by former participants to help volunteers earn hours for certification. Also there will be site visits and field trips by the training class through the next couple of months; you can find out about these by accessing the Chapter website which is still maintained expertly by our webmaster Herb Smith (in spite of a hip replacement this month!) and by reading this newsletter which is ably edited by Richard Barnett (what would we do with out his patience for tardy contributors!). Announcements for all these events will be relayed to you by our capable Chapter Secretary, Susan Nenny. The TPWD EXPO will transpire on October 7 and 8. The volunteers for this event are capably coordinated by MNs Betty Finley and Dixie Camp. On October 20 through 22, the Texas Master Naturalist statewide meeting will be held at MO Ranch near Hunt, Texas. You do not want to miss this if you can possibly spare the time. In addition to all the fanfare, you can complete your yearly advanced training requirements at the classes offered there.

We are beginning to wind down the year in the next few months as the training class moves toward graduation (November 10) and the total membership of the Chapter moves toward electing a new Board for 2007. The graduation this year will be a joint venture between the Chapter Board and the Training Committee. Three Training Committee members and three Board representatives will be working on the planning for this gala event for November. All Chapter members are invited to celebrate with the new class and welcome them into the ranks of our MN volunteers. The Board hopes that we can put together an extravaganza for our

final Chapter meeting of the year in which we want to celebrate the accomplishments of our members in 2006. Judy reports that our volunteer hours and advanced training hours greatly exceed that of prior years and the Board wants to recognize your endeavors of the year past by a wingding of a party.

This will be the last fling for some of us as our tenure on the Board runs out in November. We will pass the baton to the new members and set them off on the right foot for the new year. So you can see that there is a full schedule of volunteering, advanced training, and other fun things ahead for the next couple of months. Stay tuned.

Please help us out by sending in your volunteer and advanced training hours so that Judy will not be inundated at the end of the year. It might be interesting for you to know that the funding for our state offices are in part based on the number of volunteer hours reported by the Chapters and that Bryan Davis reports our hours to his boss each month.

By the time you read this, I will be on my way to Montana for ten days of relaxing beside an isolated clear water lake nestled in a mixed pine and spruce forest enjoying the cool weather and the quietness of the remote location. After 100 degree days and Harley Davidson motorcycles running around here, I am ready for it!

As usual I would like to close with my population status report as this has such enormous impact now and in the years to come. The current world population at 12:10 pm on August 31, 2006 is 6,664,525,620 people. That is 16,565,751 more people on Earth that when I wrote this column at the end of July. The Earth continues to add a net of one person every 10 seconds and the current estimate is that world population will level out somewhere after the middle of this century at approximately 12 billion people. This figure will represent a gain of 3 BILLION people in less than 100 years; whereas, it took well over 2000 years to attain the first billion; such is the mathematics of exponential growth. There are 8,565,453,662 hectares of productive land available for food production at this hour. This represents a loss of 9,349,555 hectares since the end of July. It is estimated that one hectare of productive land is lost every 7.67 seconds. Is conservation important?

Thank you for all that you do for the Earth, for your neighbors, and for your chapter.

Tom. 🌿

CHAPTER NEWS

Snakes Alive!

Nearly sixty members, trainees, and guests attended our August 17 meeting that featured Tim Cole of the Austin Reptile Service. Tim introduced us to a load of his live friends, showing how the many non-venomous snakes are beneficial and how to distinguish them from venomous snakes. Tim's presentation and the opportunity to live subjects gave most of us a better appreciation of snakes and dispelled notions that they are slimy.

Members also enjoyed the debut of a Power Point slide show featuring our float and Crewe who joined the Fourth of July Parade in Wimberley. Our entry won Fourth place and an Honorable Mention award in the Most Creative Division. The slide show is bound to take a first at the Annual Meeting in October! 🦋

Invaders of Texas Training

... a program to locate and report the invasive species of Texas plants.

The chapter has cancelled plans to present training for this program. Three members expressed interest, and that level of interest is insufficient to justify scheduling and producing a day and a half of intensive training.

We will endeavour to let you know about opportunities to enroll in Invader training elsewhere. One possibility is the State Meeting at MO Ranch in October. 🦋

Winters Mill Parkway Re-vegetation Update

I know many members are anxious to have some idea of when we can begin the replanting of the Wimberley by-pass, now officially dubbed the Winters Mill Parkway. I am just as concerned and would be delighted to have some firm plans to give you. I have discussed this several times over the past weeks with Bryan Davis and Precinct 3 Commissioner Will Conley. Will assures me that road construction will be done by the end of September at the latest, but this covers work only on the main road. Hays County has received a grant from the Capitol Area Council of Governments (CAPCOG) for the hike-and-bike trail that will run alongside the road, in the wide right-of-way. It's my understanding this will be on the inside of the curve of the by-pass, on the southern side. But

construction on this will not begin until much later this year. I've asked Will for maps or aerial photos showing the full by-pass, so that we can begin marking areas for priority attention.

But the over-riding issue to consider is the drought. We would be wasting our time, labor, and all the seeds and plants we have if we start any work without some reasonable assurance that something approaching normal rainfall will be available. Without any chance of sustained rainfall, the vast majority of seeds we put in now would probably be sparked into germination by the first 2-3 inches of rain we get -- and then if nothing happens for weeks after that they will shrivel up and die. So before I feel comfortable calling out volunteers to start this much-anticipated project, I want some assurance that at least some of the seed we put out will make it.

I know many chapter members have put in many hours of time collecting seed and caring for it over the past year, and I do appreciate all these efforts. We just need patience. If the equatorial Pacific is in fact warming and the chances for a wetter late autumn and winter are borne out, we will begin work sometime when the temperatures are also more to our liking. Hang in there, Naturalists - this is our test, to work with the natural system, not in spite of it.

Thanks, Dell J. Hood 🦋

Reporting Reminder

Please send Judy Telford your monthly reports of Volunteer Hours and Advanced Training Hours on the first of the month.

You may also email your reports to Judy at records@haysmn.org or send them by USnail Mail to 2303 E. McCarty, San Marcos, TX 78666.

Please note two new buttons on the online report form for Volunteer Hours, <http://www.hcmn.org>.

The first button is for 2006 trainees and the second is for active members.

Please be sure to click the correct button so that your report will automatically forward to the correct HCMN officer.

Your timely response helps the Board to monitor participation in Chapter activities and to plan future events that meet your interests. 🦋

CALENDAR

(The dragonfly logo  identifies official HCMN events)

September 9, 9:00 am –1:00 pm. **Native Plant Propagation**, San Marcos Nature Centre. See below

 September. 12. **2006 Class Session 12.** Prairies – Bob Lyons; Ch 11, Insects – Noel Troxclair

 September. 23. **2006 Class Field Trip to Knox Ranch.** 9:00 am –12:00 noon. Fishes – Gordon Linam. Amphibians, Ch 12 & 13. Reptiles - Lee Ann Linam. Water Quality & Invertebrates – Cindy Contreras, Aquatic Plants – Dawnelle Malone

 September 30. **Workday at Onion Creek.** 8:00 am

September 30, **Flying WILD training workshop** hosted by The Welder Wildlife Foundation, Sinton. 9:00 am to 12:00 pm. For registration information, please contact Jaime Cupit, Conservation Educator, Welder Wildlife Foundation, P.O. Box 1400, Sinton, TX 78387, (361) 364-2643, <http://www.welderwildlife.org/>

 October 3. **2006 Class Session 13.** Livestock on Small Acreage – Dr. Rick Machem. Rev. Ch.19, Agricultural and Wildlife Tax Valuation – Kaybeth Williams

 October 7 & 8, **Texas Parks & Wildlife EXPO.** Austin. More information below.

October 7, **TACSS Annual Fall Seminar**, "East Meets West in the Alamo City." Marriott Northwest Hotel, San Antonio, Texas. Hosted by the San Antonio Cactus & Xerophyte Society. For more information, please contact Ann Black at 830-336-4471 or annblack@gvtc.com.

 October 20-22, **Texas Master Naturalist Annual Meeting**, MO Ranch, Hunt, TX. See below.

 October 24, **2006 Class Session 14.** Land Fragmentation – Dr. Neal Wilkins. Ch 20 & 21. Land Stewardship & Interpretation – Texas Master Naturalist Program Coordinator

 November 10. **2006 Class Graduation** – Ch 2, Bryan Davis. Location and arrangements TBA

ADVANCED TRAINING OPPORTUNITIES

Native Plant Propagation Workshop

SEPTEMBER 9, 10:00AM - 1:00PM, SAN MARCOS NATURE CENTRE

Andrea Dravigne, who is a horticulturist and in charge of SMNC, will give instructions on planting and propagation of native plants. Minnette Marr from LBWFC will also be there and will discuss seed gathering, cleaning and storing. Planting practice also included.

Propagated plants will be added to the SMNC Spring Native Plant sale to generate chapter income.

Participation earns 2 hours of advanced training and 1 hour of volunteer time.

To register, please contact Marion Couvillion directly at marion.hcmn@gmail.com or telephone 512-858-1609. Marion will send you a map and instructions if you need them.

Texas Master Naturalist Annual Meeting

OCTOBER 20-22

Register now to attend the Texas Master Naturalist Annual Meeting at MO Ranch, Hunt, TX Early/Discounted Registration ends September 24th

All Registration ends October 4th. (Please note: All registrations after September 24th must be completed on-line)

Advanced Training topics for the weekend include:

- * Texas Wildfire History and Preparedness
- * Volunteer Work Just Got Easier!
- * Leopold Education Project
- * Rainwater Harvesting
- * Entomology and Its Field Laboratory
- * Invaders of Texas
- * Science & Civics
- * Texas' Wildlife Habitat Evaluation Program
- * Planning and Running Effective Meetings
- * Basic PowerPoint Skills for the Master Naturalist Communicator
- * Tracking Mammals

Registration Packets will be available at the following places:

* TMN State website:
<http://masternaturalist.tamu.edu>
* From your chapter
* The State Meeting On Line Registration
website:
<http://tti.tamu.edu/conferences/conferences.stm>

You may register on line (the preferred method), by mail, or by fax.
All registrations will be entered and completed upon receipt of method of payment. ✂

VOLUNTEER OPPORTUNITIES

Texas Parks and Wildlife EXPO

OCTOBER 7 & 8

The 2006 Texas Parks and Wildlife Department's EXPO will take place at Department headquarters in Austin. Volunteer opportunities are available for Texas Master Naturalist members who want to assist.

Our Hays County Master Naturalist chapter will give leadership to the Texas Master Naturalist exhibit and conduct several teaching activities during the two-day event. Other volunteers are needed to assist various Parks and Wildlife Department officials with additional exhibits. We need about 25 volunteers to assist with the teaching exhibits at the Master Naturalist display area.

Hays County members Dixie Camp and Betty Finley will coordinate the event. If you would like to assist, please contact Dixie at dixie_camp@yahoo.com. She will explain the plans and shift assignments to those who volunteer.

Members working at least 8 hours will receive a TPWD EXPO t-shirt.

This a great activity and a good way to earn volunteer service time, meet other volunteers and spread the message about conservation and stewardship at an event attended by many.

Details about EXPO are available at: <http://tpwd.state.tx.us>. Select the Experience Texas link on the home page and next you will find a link to EXPO. ✂

Blue Hole Project Proposal

Sponsor: Wimberley Parks & Recreation Board
Sponsor phone: 512-847-1231
Contact: Dell Hood, hood@alumni.utexas.net
Activity: Removing non-native plants from Blue Hole Regional Park, Wimberley
Starting date: August 1, 2006
End date: indefinite
Activity type: Habitat restoration

Description:

Blue Hole Regional Park, Wimberley, is owned by the Village of Wimberley. Large areas of the park are planned to remain natural and undeveloped. Non-native plants will be removed wherever possible in order to ensure the best possible diversity of Central Texas native plant species and to improve habitat for native fauna.

Comments:

Our immediate priority is removing an invasive plant, Asian marshweed (*Limnophila sessiliflora*), from Cypress Creek in the area of the riffles immediately downstream from the swimming area of Blue Hole. Minette Marr will give instruction on the procedure for removing the plant so as to prevent its further spread.

The initial project complements the Invader program to remove invasive species. Next year, we may work on trails or plan and plant habitat. After that, the park will need docents.

Margaret's Nature Trail, White Wings Ranch

HCMN PROJECT # 601

You may remember that last summer off RR12 near San Marcos a snake fatally bit a woman from Wimberley. It turns out that she was both a member of the Unity Church and very much a nature enthusiast. She bequeathed a small amount to the church for the creation of a nature trail on the 43 acres that is owned by the church. The money is to go for signage, a tri-fold brochure, interpretive material etc.

Pastor Mindy Audlin and her husband Shawn have made great headway in the actual layout and construction of the trail. Joe Piazza, myself and a few other Master Naturalists went for a visit and were well impressed with the progress thus far. They have asked for our help to complete the

construction of the trail and ID the plants along the route. They have also asked us to help in the design and writing of an interpretive tri-fold brochure about the trail and Hill Country ecosystems. We have talked about planting a native grass garden and a butterfly garden. Once the trail is complete, besides helping maintain it, we are to be available to give guided walks to interested folks.

Unity Church has learned from their insurance company that they can allow non-members access to the trail and they want to open it up to the public for educational and outreach programs. This would include school groups and scouting groups as well.

The area where the trail has been located is very diverse, going from grasslands dotted with various trees and forbs to a lovely riparian zone with the associated flora and fauna. Its length is about 1/2 mile, with spots to sit and enjoy views along the way.

-- Jamie Kinscherff, HCMN Contact;
Jamie@kinscherff.com ✨

Wildscape Garden, San Marcos Nature Center

HCMN PROJECT #405

The sunflowers have withered, ruellias are bloomed out, and Gulf Fritillary caterpillars have all but eradicated the passion vines. Blue mistflowers continue to attract Queens, and lantana cultivars were attracting several Giant Swallowtails early in August. A luxurious stand of Frogfruit continues to entice checkered skippers, a few Pearl and Texan Crescents, and Ceraunus Blues.

As usual, there's no stopping invasive plants and bermudagrass. Elm and pecan seedlings pop up regularly. We have to pull up these aggressive invaders to control them.

We welcome contributions of seeds or seedlings of annual and perennial wildflowers to improve the diversity of our garden. ✨

Jacob's Well Nature Centre

HCMN PROJECT #603

HCMN Project Coordinator:

Marion Couvillion, marion@hcmn.org
512-858-1609

Sponsor Contact: David Baker,

Wimberley Valley Watershed Association
P. O. Box 2534, Wimberley, TX 78676.
512-847-1582 512-847-1582

Starting date: 4/1/2006; end date: open

The first HCMN work Day at Jacob's Well was July 15.

Project Description: The project will help the Wimberley Valley Watershed Assoc. plan and restore the Jacob's Well surroundings to a natural condition using native plants, conduct nature tours, provide education classes at the completed nature center, help with trail building, plant native plants, etc.

Activity type: Habitat restoration, Restoration and Management planning, Direct outreach, Indirect outreach, Trail construction and maintenance, Data collection, Native plants maintenance

Comments: This will be a great opportunity to become associated with a nature center where we can apply our Master Naturalist training to benefit the public. ✨

State News

Texas Monarch Watch

Are you ready for a large migration? The migration this year should be the largest seen since 2001 and the overwintering numbers could be the highest seen since 1995-96 and 1996-97. The development of the monarch population this season has been spectacular. Among the key factors important for the build up to the fall migration is the reproductive success of the butterflies returning to the southern states from Mexico. This year the number of the first generation butterflies produced in the southern states appears to have been unusually high, the best since 2001. In May and early June these first generation butterflies returned to the northern breeding grounds in extraordinary numbers. This return migration was so strong that all areas of the northern breeding grounds, with the possible exception of New England, eastern Ohio and parts of Pennsylvania and New York, were well populated by breeding monarchs in mid-June. The number of monarchs moving north, combined with excellent weather conditions, has resulted in reports of monarchs from as far west and north as Edmonton, Alberta to Nova Scotia and Prince Edward Island in the Maritimes in the east. As these

first generation monarchs reached the northern areas they encountered favorable weather and excellent breeding conditions resulting in a large second generation that should in turn produce even larger third and fourth generations. Those of you tagging at the northern limit of monarchs and milkweeds (48-50 N) will be tagging third generation monarchs. The rest of you will be tagging third and fourth generation monarchs unless you live in Kansas and Missouri where we are on schedule to have a fifth generation complete development during the migration.

Normal to slightly above normal temperatures and rainfall are forecast for the monarch breeding area for the remainder of the summer. The prospects for extreme cold, hot or dry conditions that could limit the growth of the monarch populations appear to be slim at this time (mid July) – so, an abundance of fall monarchs are expected.

The one dark cloud for the fall is the drought that extends from the lower Midwest through Oklahoma and Texas. In these two states, extremely dry conditions are expected to prevail through September and October. Such dry conditions could prove to be a hazard for migratory monarchs that need sources of water and nectar as they migrate.

On the brighter side are the fall temperatures. The forecast calls for above normal and normal temperatures throughout the fall for all areas occupied by the monarch population. A delay in cool weather and frosts should allow many of the late monarchs to reach Mexico.

By Chip Taylor. The complete web version of this update is available at:
<http://www.MonarchWatch.org/update>

Mike Quinn of Texas Monarch Watch has already received reports of migrating Monarchs.

Local News

Hays County Linked Deposit Program for Water and Energy Related Projects

Richard Salmon submitted this program to the Commissioners Court session on Tuesday, August 22. Although only briefly discussed in the court and completely ignored in the papers, Salmon's proposal will interest Master Naturalists and anyone interested in conservation.

I have taken this summary from his handout. The commissioners voted in favor, but the program

isn't in place yet.

In this program, Hays county residents would obtain loans from local lenders at below market rate to install water and energy-related projects, saving these resources for the community. Recommended purposes are: to connect residents on a well to a public water system, to remove cedar and/or mesquite from property, to install a rainwater collection system, to install a photovoltaic solar cell system, to install a fuel cell system, to install a drip irrigation system, to install a low-water use landscape, to install a wind energy system, and to install a solar water pumping system.

-- Judy Telford ✨

Water Issues Survey

PLEASE PARTICIPATE IN TEXAS STATE UNIVERSITY STUDENT'S SURVEY

Because of your experience as a resident of south-central Texas, I am asking for your participation in a study of how the general public learns or hears about issues related to water resources.

I am asking participants to answer a questionnaire that will take about 10 to 15 minutes to complete.

Your responses will be confidential. I hope that you will agree to participate in this study; your help and that of other participants is essential to the study's success. Please use this link to begin the survey:

<http://www.surveymonkey.com/s.asp?u=539442196389>.

Thank you for your participation.

Risk Communication Concerning Water Issues in South-central Texas

Karen Bartell, Ph.D. Candidate

512-894-0105, Days. Cell: 512-585-9396

R. Denise Blanchard, Ph.D. Department of Geography and James and Marilyn Lovell Center for Environmental Geography and Hazards Research
Texas State University – San Marcos. ✨

White-tailed Deer Harvest Project

Howdy!

My name is Jennifer Garrett and I am a graduate student in the Wildlife And Fisheries Sciences

Department at Texas A&M University, and I need your help.

For my thesis project I have created a white-tailed deer harvest model for the use of interested landowners and land managers. The model incorporates field data that is currently available or easily collected.

Unlike other population models specific for white-tailed deer, my simulation model has an easy to use interface and is available on-line via the Internet. Users simply answer questions about the land they are managing and then evaluate different harvest plans to reach their management goals.

The next part of my project involves the evaluation of the simulation model and website. This is where I need your help.

Please visit my website and evaluate it for me.

The website address is:

<http://deer.tamu.edu/deersim>.

To view the website you will need to create an account. I will use the e-mail address you provide to send you an invitation to participate in an online survey that will be used to evaluate my project.

As an incentive for filling out the survey we will be giving away a laser rangefinder, GPS unit, compass, and a Boone & Crockett scoring kit. The four lucky participants will be chosen by lottery.

Thank you in advance for your time. Your opinions will help us better the simulation model and website so that we may have a product that better serves you.

If you have any questions about this project please contact me at jennifer-n-garrett@tamu.edu.

Sincerely,
Jennifer Garrett

Wimberley Butterfly Watch

The outbreak of American Snouts (*Libytheana carinenta*) continues unabated. Their numbers often distract from observation of smaller butterflies.

White-phase females of Cloudless Sulphurs and Large Orange Sulphurs have become relatively numerous wherever there are flame acanthus and golden lantanas. Giant Swallowtails have likewise become relatively more numerous, while Eastern Tiger Swallowtails have all but disappeared. Common Mestras are relatively more common and widespread than in previous years while Satyrs have vanished. We observed a White-patched Skipper in Wimberley for the first time on August 15.

Other butterflies observed during August include Pipevine Swallowtail, Black Swallowtail, Cloudless Sulphur, Orange Sulphur, Large Orange Sulphur, Little Sulphur, Sleepy Orange, Dainty Sulphur, Lyside Sulphur, Gray Hairstreak, Juniper Hairstreak, Scrub Mallow Hairstreak, Ceraunus Blue, Buckeye, Gulf Fritillary, Texan Crescent, Tawny Emperor, Hackberry Emperor, Bordered Patch, Goatweed Leafwing, Monarch, Queen, Common Mestra, Carolina Satyr, White-striped Longtail, Cloudywing Skipper, Juvenal's Duskywing, Horace's Duskywing, Checkered Skipper, Fiery Skipper, Dun Skipper, Sachus, Eufala Skipper, Ocola Skipper, and other little brown skippers.

Sightings of single Monarchs occurred on August 7 and 27.

Kidneywood and white boneset are beginning to flower as September begins, and they begin the pageant of fall wildflowers that attract butterflies in years of normal rainfall. The land is waiting thirstily for that rain.

If you saw something we missed, please email your editor@hcmn.org. 🦋

Links to Chapter Sponsors and Partners

Sponsors:

Texas Master Naturalist - State Website -

masternaturalist.tamu.edu

Texas Cooperative Extension – agextension.tamu.edu

Texas Parks and Wildlife Department –

www.tpwd.state.tx.us/

Agencies of Interest:

Bamberger Ranch --

<http://www.bambergerranch.org/workshops.htm>

Native Plant Society of Texas – www.npsot.org/

San Marcos Greenbelt Alliance --

<http://www.smgreenbelt.org>.

San Marcos River Foundation –

<http://www.sanmarcosriver.org>.

Texas Outdoor Women's Network -

<http://www.townsanmarcos.org/>

Texas Cooperative Extension – Sea Grant Program –

texas-sea-grant.tamu.edu/

Texas Forest Service – txforestservice.tamu.edu/

U.S. Army Corps of Engineers –

www.usace.army.mil/

U.S. Fish and Wildlife Service – www.fws.gov/
U.S.D.A. Natural Resource Conservation Service –
.nrcs.usda.gov/

Partners

Austin Nature Day --

<http://www.austinnatureday.org/>

LBJ Wildflower Center -- www.wildflower.org

San Marcos Nature Centre -- http://www.ci.san-marcos.tx.us/departments/parks/Nature_Center.html?menu=DP13