

Hays County Master Naturalists NEWSLETTER



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

July, 2008

JULY EVENTS

Executive Board Meeting

The Executive Board will meet at 6:30 pm, Wednesday July 16, at the poolhouse of Winifred Simon, 600 Redhawk Road, Wimberley. ✨

July 31 Membership Meeting

Kelly Bender of Texas Parks & Wildlife's Urban Wildlife group will speak on "Wildscapes."

6:30 to 8:00 pm, Episcopal Church of the Holy Spirit, Dripping Springs.

Other details to be announced. ✨

THE PRESIDENTIAL VIEW

This July seems like a typical Texas summer: triple digit heat, drought conditions, fire bans, and little relief in sight. Sounds like a good time to participate in Master Naturalist Projects and Training Opportunities!

I hope you are taking advantage of Dixie Camp's scheduled Chapter meetings and learning experiences. The Chapter typically has a Chapter meeting on alternate months where members can gain Advanced Training hours, but this year Dixie has added numerous additional meetings. And as you obtain training and volunteer project hours, please remember to report them via the form on our website or send to Beth Ramey directly.

Walt Krudop has spent numerous hours reviewing projects on the Volunteer Projects list for prioritization. The goal is to have a few projects that many members work on to maximize our impact on the natural resources. In addition, the public relations value of our work will increase as we show more exposure to the public.

HAYS COUNTY MASTER NATURALISTS

Board of Directors

President	Dale Shively
Vice President	Dixie Camp
Secretary	Susan Nenney
Treasurer	Winifred Simon
Past-President	Tom Watson
State Representative	Tom Watson
Training Committee	Jean McMeans
Advanced Training Comm	Betty Finley
Membership Committee	Beth Ramey
Web Master	Herb Smith
Newsletter Committee & Editor	Richard Barnett 512-847-6941 news@haysmn.org
Outreach Committee	vacant
Host Committee	Margaret Baker
Historian	Laurel Robertson
Volunteer Service	Walt Krudop
AgriLife Agent	Bryan Davis
TP&WD Rep	Lee Ann Linam

In other areas, Betty Finley continues to review all training opportunities to insure that they meet the Master Naturalist guidelines, while Beth Ramey tracks all reported hours for those ever-present annual reports. Jean McMeans reports that the 2008 Training Class has made excellent strides in meeting all the goals needed for graduation.

I would like to point out two unsung heroes on our Board whose job is essential but receive little recognition; Treasurer Winifred Simon and Newsletter editor Richard Barnett. Both continue to do their part to make the Chapter function smoothly...and both have expressed their desire to turn their positions over to another member in 2009. If you have any aspirations for working with finances or editing newsletters, please let me know (or recommend a friend!). We could use some additional help on the Board.

On another topic, some folks in the Master Naturalist Program are also consultants on natural resource issues in the private sector. As

with political activism, there should be no conflicts between this type of work and being a Master Naturalist unless both are promote at the same time. For example, it is in conflict with the Master Naturalist guidelines to use the Master Naturalist title to promote or advertise work as a paid consultant. Likewise, the wearing of a Master Naturalist nametag or identifying clothing while consulting or simultaneously promoting a private company is not appropriate. This leaves an impression to the public that a particular company is a sponsor of, or works in conjunction with, the Master Naturalist Program which is not the case. Please use discretion in keeping any private sector work separate from the Master Naturalist program.

Have a naturally great July.

Dale 🦋



Members in the News

HCMN Secretary on Leave

Susan Nenney is taking personal time off from her duties as MN Secretary to care for her elderly parents. Please send any MN correspondence to President Dale Shively at pres@haysmn.org, who will distribute the information. 🦋

Chapter News

June 26 Field Trip with Spider Man Joe Lapp

Although unrelenting drought and heat have reduced the number of active insects and arachnids, HCMN members were undeterred and came in force to the Patsy Glenn Refuge for Joe Lapp's spider hunting field trip.

Joe found a Brown Recluse spider right away and trapped it in a plastic cube. Joe estimates there's a Brown Recluse under a stone or litter every 5 feet. They also hide under loose bark on trees, between loose boards in buildings, or between sheets of anything. They are not ordinarily aggressive. The Black Widow, Texas's other spider that is

venomous to humans, likes shady cavities, like water meter boxes. Again, it's not aggressive unless you ring its dinner bell by touching its web.

Joe also showed us crab spiders and funnel web spiders, and demonstrated how to shake jumping spiders and other small spiders off branches onto a collecting surface. Tarantulas, orb-weaving spiders, and wolf spiders boycotted the field trip, but Joe provided identification keys and other field notes for spider hunting.

For all would-be arachnologists, Joe and Leah Laszewski recommend John A. Jackman's *Spiders and Scorpions of Texas* (1999), Gulf Publishing: ISBN 0-89123-048-3. 🦋

HaysMN Forum

Current Forum entries feature water monitoring, the falling water level of the Blanco River, and thirsty birds visiting birth baths.

To join the HaysMN Forum, simply go to the Haysmn.org web site and look for the Forum application in the menu.

Please let Herb (web@haysmn.org) know if you have any questions or suggestions. Better yet, use the Forum to discuss the Forum.

Herb Smith, Webmaster
<http://www.haysmn.org>, 512-847-2006

Reporting Reminder

Reports for June, 2008 are due by July 7. Please email your reports of Volunteer Service hours and Advanced Training hours to Beth Ramey, preferably by using the friendly report forms on our website at www.haysmn.org. 🦋



CALENDAR

(The dragonfly logo 🦋 identifies official HCMN events)

🦋 July 4. **Independence Day Parade**, Wimberley. Plans for a Master Naturalist float are cancelled for this year, but we wish you all a Great and Glorious Fourth of July.

✧ July 9-13. **Fort Davis Field Trip for Master Naturalists.** For more info, please contact Donna Cole at txmasternaturalist@tx.rr.com

Saturday, July 12. **Picnic at Jacob's Well,** Wimberley. 10:00 am to 2:00 pm. Walking tour and presentation on hydrogeology of Cypress Creek area begins at courtyard of Dancing Waters Retreat, 1405 Mt. Sharp Road. Also archeology, bird watching, hiking, and swimming. To reserve box lunches, \$10:00 each, contact Barbara Thibodeaux at 847-7721 or barbarathibodeaux@verizon.net by July 7.

✧ Tuesday, July 15. 2008 Class Meeting. **Water Resources in Texas & Hays County,** Ms. Velma Danielson. **Herps of Texas** (herpetology), Dr Randy Simpson. Holy Spirit Episcopal, Dripping Springs.

✧ Wednesday, July 16, **Executive Board Meeting** at 600 Red Hawk Road, Wimberley.

✧ Thursday, July 31. **Chapter Meeting** featuring Kelly Bender of TP&WD on "Wildscapes." 6:30 to 8:00 pm. Episcopal Church of the Holy Spirit, Dripping Springs. Watch for more info.

✧ Tuesday, August 12. 2008 Class Meeting. **Wildlife, Mammals, and Habitat,** Dr. Barcus. **Texas Weather,** Troy Kimmell. Plum Creek.

✧ Saturday, August 23. 2008 Class Field Trip, LBJ Wildflower Center, Austin. **Green Roofs, Native Plants, Seeds, and Habitat Restoration,** Steve Windhager and Minette Marr.

✧ Thursday, August 28. Chapter Meeting: **Pollinators** by Mike Quinn, TP&WD. Arrangements TBA

✧ Saturday, September 6. 2008 Class Field Trip, Bamberger Ranch. **Impact of Man, Range Management,** Ranch Staff.

✧ Saturday, September 20. 2008 Class Meeting at Knox Ranch. **Water Quality, Fish, and Amphibians,** Gordon and Lee Ann Linam plus TP&WD staff.

✧ Tuesday, October 7. 2008 Class Meeting. **Urbanization and Land Fragmentation,** Dr. Jim Cathey. **Volunteers as Teachers: Interpretation.**

✧ Friday, October 24. 2008 Class Meeting. **2008 Class Graduation,** Bryan Davis. Arrangements to be announced.

November 5 to 7, **Texas Water Quality Conference,** 8:30 am to 5:00 pm (3 Days) Radisson Hill Country Resort & Spa, 9800 Westover Hills Blvd. San Antonio. More info below.



ADVANCED TRAINING OPPORTUNITIES

Water Quality Monitoring of the Blanco Watershed

Texas Stream Team Water Quality Monitoring training.

VOLUNTEER PROJECT 802

Tuesday, July 29, 2008, Location is The Landing Building, Texas State University, in San Marcos.

6 AT hours under Project #802 Blanco Watershed Monitoring. RSVP to Ginger Geist is required to attend.

This training will teach participants how to collect water quality data.

Texas Stream Team uses TCEQ and EPA approved methodologies to monitor and assess water quality parameters including transparency, dissolved oxygen, pH, conductivity, and temperature. Upon successful completion of the course, participants will be 'Certified Water Quality Monitors.'

8:00am sign in

8:30 to 3-ish class (lecture and practice)

Lunch on your own.

The specific agenda will be sent out after the July 4th holiday. In the meantime, email or call us with any questions. All are invited to observe the June or July monitoring by us on Lone Man Creek. (for AT MN 1.5 hours)

E. coli training is a separate unit and will be available later in the fall.

Master Naturalist contacts: Ginger and LaRay Geist, Blanco Watershed Water Monitoring contacts, 512-847-9545 ✧



VOLUNTEER OPPORTUNITIES

Onion Creek

HCMN PROJECT 426


The last leg of the field phase of mapping invasive species at Onion Creek was completed this June after three years of field work. All that remains is for the data to be refined by LaRay and Ginger Geist before turning it over to Matt. We have finished the last segment of the Orr tract, leaving only one tract of land yet to be surveyed. This tract is the East half of the Lloyd 360 property which we could not traverse because of the hazard presented by the downed juniper trees covered by tall grasses. This piece will have to wait until at least a year after the property is burned to allow the trees to sprout sufficiently from the root crown.

We wore out a lot of volunteers during this journey over the years because much of the territory investigated was deep, almost impenetrable, juniper thicket, laced with green briar, and frequent high temperatures added to the discomfort of the trekkers. In addition, over the last two weeks we encountered more rattlesnakes than seen over the previous 3 years (I have seen more snakes of all types out there this year than ever before).

When you get a look at the map of the tracks captured by our GPS units, you will be able to see how thoroughly we have covered the properties. While we likely did not find all the trees, we certainly found most of them and we uprooted a lot of saplings to aid in the eradication effort.

Now that we are near closure of the mapping project, we look forward to the next venture with WCD. We appreciate all the support that you have given to us over all those years and hope that we have not worn you out with serving our needs. We put a lot of burden especially on Daniel and appreciate the many services he gladly provided.

My thanks and congratulations to all of the volunteers who have braved the briar patches, juniper branches and needles, heat, chiggers, and snakes to bring this project to fruit; without them, completion of the this project would never have materialized. My hat is off to all of you--WCD and volunteers; we have been a terrific team. I have enjoyed working with every one of you immensely.

Tom Watson 

Carbon Sequestration Literature Search

HCMN PROJECT 808

We are looking for a volunteer to create a bibliography about carbon sequestration in wildlands, particularly juniper oak woodlands and prairies. The assignment entails a literature search at various locations including work from home, libraries, WCD office

Date and Time: Beginning July 1 or as soon as possible, hours flexible, to be complete July 31. We anticipate this project taking between 20 and 30 hours.

Logistics: One to two volunteers recruited will need to work at the location that provides access to resource information. This may be a local library branch, their personal computer, or a computer at the WCD office at Reicher Ranch (near the intersection of 620 and hwy 71).

Age and Physical Requirements: Must be 18 or older and able to sit at a computer, using mouse and keyboard, to conduct research as needed to complete project.

Activity Goal: Conduct a literature search and create a bibliography that addresses carbon sequestration in terms of:

- 1) Estimating and/or modeling baseline status of land/wildland and
- 2) Estimating or modeling additional sequestration due to land management activities.
- 3) Focus will be particularly on grasslands, prairies, and savannas with additional interests in woodlands and urban landscapes.

Activity Details: To begin to address the project goal, the selected volunteer(s) will need to follow up on sources for information that may include local organizations and/or use of public library database subscriptions. This initial scoping phase should be done immediately upon project start in order to determine if subscriptions need to be acquired by WCD or special access needs to be worked out for volunteer by City staff. Once sources are identified and access is arranged, volunteer(s) will maintain a schedule that will result in the completion of a bibliography no later than Thursday, July 31.

If two volunteers are recruited, they will need to maintain communication with each

other to prevent duplication of effort and potentially to divide tasks.

During course of project, WCD staff is available to answer questions and provide guidance to facilitate completion of project.

Clothing Required: Volunteers who work at the WCD office need to be aware that shorts in the office setting are not allowed: shirt, pants and shoes are required.

Essential Project Needs and Safety Considerations:

- A general understanding of or interest in issues related to the carbon cycle and how actions on wildlands, landscapes, or other places may serve to sequester atmospheric carbon.
- Volunteers will be responsible for transporting themselves safely to locations as needed to perform research.
- This is a light-duty project with low physical intensity. Volunteers do need to manage their time sitting and at computer and remember to stretch and work in shifts to reduce muscle fatigue and eye strain. 🦋

Elephant Ear Removal at River Center, San Marcos

HCMN PROJECT 408, HABITAT RESTORATION

Removal of the invasive Elephant Ears at the River Center is an on-going project that also affords an opportunity to talk to visitors to the wetlands about non-native species and their impact on the sensitive environment at the springs.

The following times have been set as workdays at the River Center in San Marcos for removing Elephant Ears in the wetlands: Every first and third Wednesday from 4:30 to 7:00 pm from April 2 until September 17.

Please direct any questions to Leah Laszewski, laszewski@yahoo.com 🦋

info@valleynaturecenter.org
www.valleynaturecenter.org

Wildscape Garden, San Marcos Nature Center

HCMN PROJECT #405

Between drought and a broken water line, the vegetation in our plot looks parched and brown. Nothing seems to stop elm and pecan seedlings

from sprouting, however, and the ruellias are irrepressible. Gulf fritillary caterpillars are feeding happily on the passionflower vines, but the number of adults is noticeably smaller than last year.

We welcome contributions of seeds or seedlings of annual and perennial wildflowers to improve the diversity of our garden. Indian paintbrush, phlox, larkspur, Zexmenia, gayfeathers, standing cypress, and even Texas prickly poppy would be welcome, but we have not been able to grow them from seed.



CONTACT: Richard Barnett,
news@haysmn.org.



STATE NEWS

. Where are all the butterflies?

DALLAS, JUNE 9, 2008

Gardeners have set a place at the table for butterflies and their caterpillars, but no one's coming to dinner.

In the last few weeks, homeowners who populate their gardens with host and nectar plants for butterflies have been wondering to themselves--and in the last few days, out loud to experts--why they're seeing so few species fluttering about. No one's supping from the pentas; no caterpillars are munching away at the parsley planted expressly for them.

Is there a mysterious malady in the making? According to North Texas entomologists and lepidopterists, it's merely nature taking its natural course.

"Last year was a very unusually abundant year for Lepidoptera," says Dr. Mike Merchant, a Dallas-based entomologist with Texas AgriLife Extension. "I kinda stamped last year as the year of the caterpillar."

"All the species are here that are normally here," says Dallas County butterfly farmer Dale Clark. "It's just that the numbers are way, way down. This is the normal ebb and flow of insects. They rise, they drop. This year it's just barren."

Dr. Merchant concurs. "When we have a year of great abundance, like last year, by the end of the year the parasites and predators have built up, too. Their numbers would be even greater this spring.

The butterflies may be late for dinner, but they'll show up eventually,

he says.

-- Mariana Greebe, Home Editor
magreene@dallasnews.com, The Dallas Morning News. full:
<http://www.dallasnews.com/sharedcontent/dws/fea/home/gardening/stories/060908dnhgcaterpillar.16cb4f41.html>
or: <http://tinyurl.com/4wnj33>

Exotic Snails Turn Heads

More than 100 billion per year is spent trying to control the impact of exotic species. Those species that don't belong here often displace the plants and animals that do.

In Houston, an exotic snail--about the size of an apple--has caught the attention of some college students who want to find out if they are a threat to the state's agriculture and endangered Texas Wild Rice, especially on the San Marcos River.

One student's curiosity has led to years of research projects for Professor Romi Burks' biology classes at Southwestern University Marfurt said. While a student at Southwestern University, Rebecca Marfurt became curious about this exotic snail seen in the bayous of suburban Houston. The goal of current research is to keep these snails from being a major economic or ecological threat.

"They had just recently become a problem. Everyone was kind of in a panic. They didn't really know what to do with them or what they were. These snails are exotic invasive species, meaning that they don't belong here and they spread, which is sort of a double whammy. It's not a good thing for the environment," Burks said.

The class is collecting adult apple snails and their large pink egg clusters to learn more about these creatures and the threats they may pose.

"We've seen egg clusters as many as 4 to 5,000 eggs almost. That's a lot of snails from just one," graduate student Matthew Barnes said.

Burks plans experiments to see if adult snails, fish, or crayfish would eat the eggs.

"It's very important to understand how many of those eggs actually end up as snails later on," she said.

Ultimately, research done by these students may be the key to keeping these invasive snails from being a major threat, economically or ecologically.

6/11/2008, by Texas Parks and Wildlife

TPWD Radio This Week

The department's Passport to Texas radio series airs on about 100 Texas stations each weekday. Visit the program Web site to listen to July's episodes or find out where to hear the series (www.passporttotexas.org).



Local News

GBRA, Gorge Preservation Society and Halff Associates receive national "Excellence in Planning Award" for Canyon Lake Gorge Master Plan

HCMN PROJECT 705

New Braunfels, TX, June 6 □ The National Association of Recreation Resource Planners (NARRP) has awarded its 2008 "Excellence in Planning Award" to the Guadalupe Blanco River Authority (GBRA), Halff Associates Inc., and the Gorge Preservation Society for the Canyon Lake Gorge Master Plan. This national award, presented in May at the organization's annual meeting, is awarded annually to not more than four eligible recipients, including not more than two individuals and two agencies or organizations, public or private. It is awarded primarily for professional achievement in the field of parks and recreation planning. The determining factor is the degree of sustained proficiency or excellence made by the nominated entity, and is given to achievements that further recreation planning.

The Master Plan, developed by Halff Associates in conjunction with the Guadalupe Blanco River Authority (GBRA) and the Gorge Preservation Society Board, established goals for the gorge, strategies for preservation, and cost estimates for features needed to enhance visits to the Gorge.

The plan proposed low impact steps and cable guide railings to assist with guided tours along the bottom of the Gorge, and a series of rocky overlooks along the rim for unguided tours. Each overlook received a name describing its unique characteristics. In essence, the plan was crafted to do as little as possible to mar the beauty of the Gorge.

"We understood the significance of the wonders unveiled in the gorge from the beginning and wanted very much to be apart of its preservation and development," William "Bill" E. West, Jr., GBRA general manager said. "GBRA appreciates the care and consideration that Halff Associates took in understanding the issues, as well as their skills in developing an appropriate and environmentally suitable design for the gorge," West added.

"This kind of project requires as much heart as it does technical expertise," said Tommie Streeter-Rhoad, GBRA economic development manager, who enlisted Jim Carrillo of Halff Associates to submit a proposal on the gorge. Rhoad said, "Jim and his colleagues at Halff Associates brought all of those things to the table and delivered a stellar development plan for the Canyon Lake Gorge."

The Canyon Lake Gorge, located below the Canyon Lake Spillway, was created during record-breaking floods in July 2002. The GBRA, which oversees operations along the Guadalupe River which feeds into and out of Canyon Lake, immediately recognized the importance of the newly formed gorge as an incredibly unique geologic resource, and has been working since to consider how best to preserve the Gorge and yet allow access to its one-of-a-kind scenery.

NARRP is a nationwide organization comprised of outdoor recreation professionals and others interested in recreation resource planning. The mission of the Association is to advance the recreation resource planning profession.

The Guadalupe-Blanco River Authority is a recognized leader in managing water resources that benefit both people and the environment. GBRA provides stewardship for the water resources in its 10-county statutory district includes Kendall, Comal, Hays, Caldwell, Guadalupe, Gonzales, DeWitt, Victoria, Calhoun and Refugio counties.

Halff Associates is a Texas-based design firm with area offices in San Antonio and Austin. The firm's team was lead by San Marcos

resident Jim Carrillo, a park planner and landscape architect.

For More Information: Sharell Weeams, Halff Associates, Inc. [214] 346-6216 or sweeams@halff.com or Tammy Beutnagel, GBRA [830] 379-5822 or tbeutnagel@gbra.org

Edwards Aquifer Enters Alarm Stage Drought

At the June 23 Board meeting, the Board of Directors of the Barton Springs/Edwards Aquifer Conservation District declared an Alarm Stage Drought for the Barton Springs segment of the Edwards Aquifer, effective immediately. The drought area includes much of southern Travis and northern Hays Counties.

The wettest months for Central Texas historically are May and September; however, dry conditions have persisted since September 2007, with most months receiving well below average rainfall totals. The Manchaca Weather Station, maintained by the District, reports a deficit of nearly 9 inches of rain so far for 2008. Onion Creek and the other area creeks that provide a majority of recharge to the aquifer stopped flowing in September 2007.

The District makes drought declarations on the basis of water levels in the Lovelady Indicator Well in South Austin and spring discharge at Barton Springs. Either Barton Springs or the Lovelady Well can trigger a drought declaration by the Board. Barton Springs currently has a 10-day average discharge of 29 cubic feet per second (cfs), below its Alarm Stage Drought threshold of 38 cfs. The Lovelady well has a depth to water of 178.8 ft, very close its trigger level of 181.0 feet.

Declaration of an Alarm Stage Drought requires permittees to implement steps in their User Drought Contingency Plans to achieve a mandatory 20% reduction in usage. While many of the smaller, individual wells are exempt from District permitting, they are equally as vulnerable to falling water levels, and these users are also encouraged to reduce their use by 20% to conserve the resource. Without concerted attempts to achieve these reductions and without significant rains, water levels will

drop further and will lead sooner to more restrictive declarations.

The District Board will continue to monitor groundwater use and aquifer conditions as indicated by its drought triggers and other indicators throughout the drought. The previous Alarm Stage Drought was declared in January 2006, and it was followed by a Critical Stage Drought declaration in October 2006, which lasted for more than four months.

A list of actions to save water in and around the home or office and the hydrographs for various monitor wells are available on the District's website at www.bseacd.org.

Shoot now for Naturescapes!

Master Naturalists are invited to enter the 4th annual Naturescapes Photography Contest co-sponsored by the San Marcos Greenbelt Alliance and the Hill Country Photography Club.

We have expanded the contest this year to include photographs taken in natural areas throughout Hays County, and have eliminated categories. Suggested subjects include scenery, wildlife, plants, people and pets.

We hope that the contest and exhibit will increase public awareness of how much our natural areas enrich our lives, and how important it is to preserve them. A \$200 prize will be awarded for Best in Show, and up to four \$100 Awards of Excellence will be presented for the next most outstanding photographs. Additional Awards of Merit will be presented at the discretion of the contest juror, Laurence Parent.

Deadline for entering photos is July 21st. The exhibition in the San Marcos Activity Center Walkers Gallery will run September 5 through October 31, 2008, with an awards reception on the opening night.

More information can be found at <http://hcphotoclub.org/naturescapes.html>.

Wimberley Butterfly Watch

We saw no Monarchs during the month of June, and other butterflies are scarce.

	1-10	11-20	21-30
Giant Swallowtail	x		

Pipevine Swallowtail			
Black Swallowtail	x	x	
Eastern Tiger S'tail			
Checkered White			
Southern Dogface			
Lyside Sulphur			
Cloudless Sulphur	x		x
Little Yellow			
Sleepy Orange	x		?
Dainty Sulphur			
Great Purple H'streak			x
Dusky Blue Groundstrk	x	x	
Henry's Elfin			
Juniper Hairstreak			
Oak Hairstreak			x
Gray Hairstreak			x
Reakirt's Blue			
Eastern Tailed Blue		x	
American Snout			
Gulf Fritillary			
Variegated Fritillary			
Bordered Patch			
Theona Checkerspot			
Pearl Crescent			
Red Admiral			
American Lady			
Painted Lady			
Common Buckeye			
Tropical Leafwing	x		
Red Satyr			
Little Wood Satyr	x	x	
Carolina Satyr	x	x	
Monarch			
Queen	x	x	x
Dorantes Longtail			x
Northern Cloudywing	x	x	
Juvenal's Duskywing	x		
Horace's Duskywing			
Funereal Skipper	x		
Checkered Skipper	x		
Southern Skipperling	x		
Fiery Skipper			
Dun Skipper	x		

If you spotted something we missed, please email your editor at news@haysmn.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 –
.nracs.usda.gov/
Guadalupe-Blanco River Authority -- www.gbra.org

Partners

Austin Nature Day --
<http://www.austinnatureday.org/>
LBJ Wildflower Center -- <http://www.wildflower.org>
San Marcos Nature Centre --
<http://www.smgreenbelt.org>
Gorge Preservation Society --
www.canyongorge.org