

The Texas Star



Newsletter of the Master Naturalist, Hill Country Chapter

IAN LINDSAY

T E X A S



HILL COUNTRY CHAPTER

Rare, Endangered,
and Threatened
in the four counties.



Texas pimpleback
Quadrula petrina

Kerr County

What a
remarkable
first year...!

Page 5.

May
2011



Volume 9
No. 5

MAY MEETING ... WATER QUALITY AND WATERSHED CONSERVATION

Honey Creek State Natural Area is the site of a comprehensive project focused on assessing improvements in water quality and quantity realized through selected conservation practices.

Phillip Wright, a range management specialist with USDA-Natural Resources Conservation Service, will speak on the primary goals, findings, conclusions, and implications of this study.



The measurable impacts on watershed dynamics and other significant changes in habitat and wildlife effects will also be presented.

Phillip describes this project as one of the largest and longest running watershed projects of its type anywhere in the United States.

Join us Monday, May 23 at 7p.m. in the UGRA Lecture Hall. Arrive early to chat with members and guests.

PRESIDENT'S MESSAGE ... Phyllis Muska

Time to be Firewise

We all know it is hot and dry, and wildfires have been terrorizing communities all over the state this year, both urban and rural. We see lots of recommendations from the Texas Forest Service, Parks and Wildlife, and other agencies and news organizations for improving your home's survival chances in case of a wildfire. Most of these suggestions concern do's and don'ts for your home's construction or your landscape. But practically speaking, these worthwhile tips apply primarily to someone whose house is not yet built and whose landscape is not yet installed. It is easy to dismiss these suggestions if you do not happen to be in a construction or redo phase.

So instead of focusing on steps I am not very likely to implement

right now, I have been giving some thought to what I would do in the event that our home is actually threatened by a wildfire. I am not usually one to worry about disaster striking, but this summer is making me nervous, and the realization that it really could happen here has encouraged me to plan what we should do to minimize the danger of a wildfire. I do not want to create panic or paranoia, but it is a good idea to have a plan of action if, in spite of all your best planning to avoid fire danger, you and/or your home are threatened by a wildfire in your area.

First of all, consider how accessible your home is: the first few minutes of a wildfire are critical, and firefighters must be able to quickly and safely locate your home.

continued. page 2.

THIS MONTH WE HONOR

<u>Milestones</u>	<u>2011 Re-Certification</u>	<u>Special First Year Re-Certification</u>	<u>First Year Certification</u>
<i>Brushed Silver</i> 500 hours	<i>Horned Lizard</i> Fane Downs	<i>Horned Lizard</i> Steve Clyburn	<i>Dragonfly</i> Carolyn Bean
Nina Wagner	Myrna Langford	Bernadette DeShields	
<i>Gold</i> 1,000 Hours	Sandy Leyendecker	Sharon Hixson	
Susan Longacre	Susan Longacre	Glenn Randow	
	Bob McKinley		
<i>Diamond</i> 5,000 Hours	Martha Miesch		
Jim Stanley	Sandy Pena		
	Floyd Trefny		
	Karla Trefny		

(A watershed is) ...that area of land, a bounded hydrologic system, within which all living things are inextricably linked by their common water course and where, as humans settled, simple logic demanded that they become part of a community.

John Wesley Powell

Do you know?

Watersheds come in all shapes and sizes. They cross county, state, and national boundaries. In the continental United States, there are 2,110 watersheds; including Hawaii, Alaska, and Puerto Rico, there are 2,267 watersheds.

EPA

President's Message continued.

- Is your address clearly posted in numbers that are at least 3 inches tall, on a contrasting color background?
- Is your address made of fire resistant materials?
- Is it visible from both directions?
- Does your road allow for safe evacuation and firefighter access?
- What routes are available to you if you had to evacuate on short notice? Many of us who live in the country have only one primary way in and out. Take a look around and consider alternate escape routes in case your usual route is blocked.

Once you have thought through the accessibility issues, think about what you would do if you had to evacuate your home on short notice.

What would you take with you? When I started to look around our home with this in mind, I realized there probably aren't that many items that I can't live without. But don't wait until you're scrambling to get out the door to organize - at least mentally - your list of valuables. Medications? Pets? Important papers? Cell phone? Laptop computer? Prioritize your own list of what is important to you.

Texas Forest Service says that we are in for a really bad fire season, and that it might last for a couple of years! We have many of the right conditions for some hot activity in the Hill Country, and our resources are already stretched. And it is only May... so take a few precautions now, then stay aware of the latest news from the media and your local fire department for updated information on fires this summer.

ADVANCED TRAINING**AT 11-069 LAWN AND GARDEN PEST MANAGEMENT**

Monday, May 16, 1-5P, [Kerr County Extension Office](#), \$15.

Hill Country Living 101 - A Learning Opportunity for New Landowners. This program is specifically designed for new landowners. This curriculum will include detailed instruction by industry experts and Extension professionals. Participants will work from the ground up to learn the what, why, when, where, and how of managing natural resources.

AT 11-078 DOVE BIOLOGY AND MANAGEMENT IN TEXAS - WEBINAR

Thursday, May 19, Noon-1P, free.

www.forestrywebinars.net/webinars/dove-biology-and-management-in-texas

Dr. Dale Rollins will discuss the biology and management of doves in Texas; including tips on habitat management, food plots, and shooting field management.

AT 11-070 WILDLIFE MANAGEMENT

Monday, May 23, 1-5P, Kerr County Extension Office, \$15.

Hill Country Living 101 - A Learning Opportunity for New Landowners. This program is specifically designed for new landowners in the Texas Hill Country. This curriculum will include detailed instruction by industry experts and Extension professionals.

AT 11-044 LLANO UPLIFT ARCHEOLOGY

Friday, June 10, 10:30-11:30A, [ERSNA](#), free

An overview of Llano Uplift archeology with Texas Historical Commission archeologist, Dan Potter. Reservations required. Emailing m.mial@wildblue.net.

AT 11-073 L.A.N.D.S. TRAINING

June 20, 21, 22; Dobbs Run Ranch; Rocksprings.

Texas Wildlife Association is holding its annual L.A.N.D.S. (Learning Across New Dimensions in Science) teacher/volunteer training. Learn how to enhance classroom curricula and participate in interactive, intensive, thought provoking, hands-on activities... all TEKS aligned. Science, Math, Language Arts, History, Environmental Ed, Agriculture, and P.E. are covered.

Contact Koy Coffey, education program specialist, kcoffer@texas-wildlife.org or 830-792-3070.

AT 11-074 L.A.N.D.S. TRAINING

August 1, 2, 3; Camp Allen; Navasota; campallen.org.

Texas Wildlife Association is holding its annual L.A.N.D.S. (Learning Across New Dimensions in Science) teacher/volunteer training. Learn how to enhance classroom curricula and participate in interactive, intensive, thought provoking, hands-on activities... all TEKS aligned. Science, Math, Language Arts, History, Environmental Ed, Agriculture, and P.E. are covered.

Contact Koy Coffey, education program specialist, kcoffer@texas-wildlife.org or 830-792-3070.

Chapter Picnic at Cave Creek

Saturday June 25 11A - 2P

Folks are free to arrive earlier to bird or hike.

The rancher who manages the Cave Creek pavilion has offered access to his ranch for anyone who would like to hike.

The ranch is about one mile from the pavilion.

Bring your picnic lunch and drinks and be prepared to have a good time!

President Phyllis Muska will send detailed information by email.

Our Chapter
Congratulates
JIM STANLEY

Chapter member
Jim Stanley
receives recognition
for outstanding
service and volunteerism.



Jim also receives the
President's Call to
Service Award.

The President's Council on
Service and Civic Participation
established the President's
Volunteer Service Award program to
thank and honor Americans who by
their demonstrated commitment and
example, inspire others to engage in
volunteer service.

Jim's dedication to the Texas Master
Naturalist program earns him the highest
Master Naturalist honor, the gold with diamond
dragonfly, for achieving
5,000 volunteer service
hours.



T E X A S



HILL COUNTRY CHAPTER

Chapter accepting applications for Class of 2011

The Hill Country Chapter of Texas Master Naturalist program is now accepting applications for its Fall 2011 Class. Adults in Bandera, Gillespie, Kendall, and Kerr counties may apply. Research-based, scientific training customized for the Hill Country will be taught by experts from state universities and state and federal agencies. Topics are centered

in wildlife and natural resource management and include basic ecology, geology, range science, deer management, plant identification, plus other subjects.

Chapter members volunteer for more than 80 projects in the four-county area to help conserve Texas' natural resources and educate residents about local ecology. Projects include butterfly research, bird counts, water quality monitoring, children's classes, and land management assistance for area land owners.



The 2011 program kicks-off with a trainee reception at Kerr Arts and Culture Center on Monday, August 22. Classes begin August 24, meet every Wednesday from 8:30a.m. to 1:00p.m., and end November 16. Most classes are held at Texas Lions Camp in Kerrville. There will be three Saturday field trips: geology, near Tarpley; range management, Kerr Wildlife Management Area; and Herff Farm, Boerne, where nature and history stand porch-to-pasture.

For more information or an application, contact Koy Coffer at kcoffer@texas-wildlife.org or call 830-792-3070. Online applications may be found at txmn.org/hillcountry/files/HCMN-2011-Application.pdf. Completed applications must be postmarked by Friday, July 15.



JUNIOR NATURALIST NEWS

Shared with you
by **Stephanie
Stone Perry**

Junior Naturalist
Riverside Nature Center

RIVERSIDE NATURE CENTER
ASSOCIATION

Wrapping up the 2010-2011 Junior Naturalist Program

Congratulations to the Junior Naturalist class of 2010-2011 and to the AWESOME Junior Naturalist Leaders who made it happen! What a remarkable first year we had!

We held commencement on March 26 honoring the good work of our Junior Naturalist students, families, and staff. Each student received a *Salvia greggii* plant and *Gaillardia pulchella* seeds. The students were encouraged to nurture these plants and observe the wildlife that comes to enjoy them. Of twenty students, seventeen completed all components (twelve classes and three field trips) and received their Junior Naturalist Badge! The remaining students will finish their classes next year.

Our initial two goals were to encourage the kids' excitement and passion for nature and for the students to gain core knowledge of the natural world in the Texas Hill Country. Based on final program evaluations and verbal feedback, these goals were met!

From Junior Naturalist students:

"I love the Junior Naturalist Program!"

"I liked observing wildlife!"

"I enjoyed the topics. They were very interesting."

"I want to learn more!"

"Lots of my friends would love Junior Naturalist!"

Parents tell me they are amazed how much their kids learned, and on family outings, their Junior Naturalists act as nature guides! It is so exciting to see end results of a year's work! WELL DONE JUNIOR NATURALIST LEADERS!!!

What happens now?

To keep the Junior Naturalists and their families active in good works and continued learning at Riverside Nature Center, the Young Naturalist Club was formed to serve students who have earned or are earning a Junior Naturalist badge. The club will meet at least once a month to expand knowledge of naturalist topics and help out in meaningful ways.

If any chapter members are willing to lend your talents, skills, and knowledge to provide

a thirty minutes to one and one-half hour educational program to this amazing group of kids, I will be thrilled to hear your ideas!

From Junior Naturalist parents:

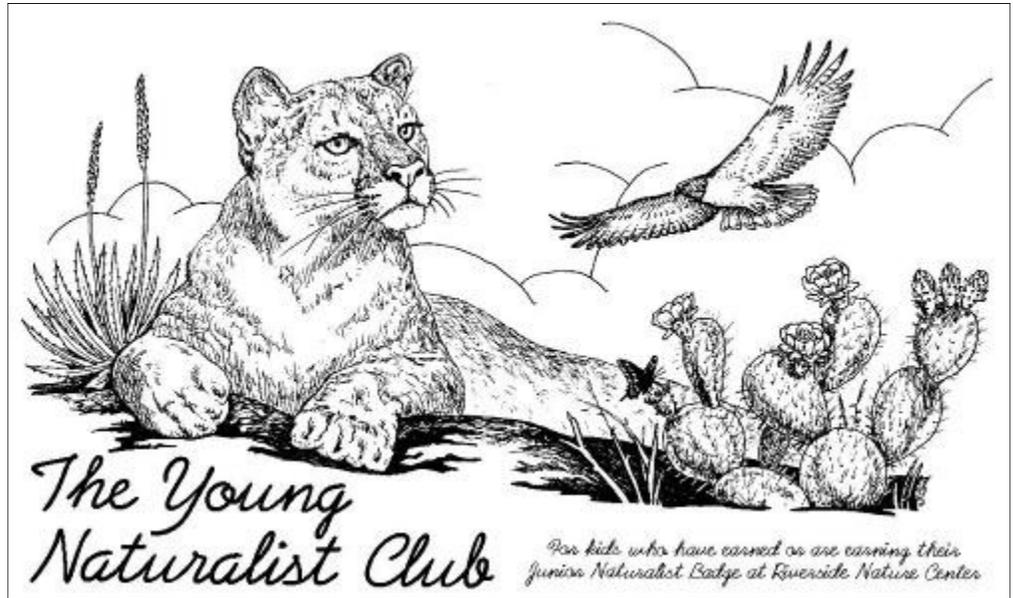
"We are so thankful you offer this program! I know the volunteers put a lot of time in. I wish (and I know it will take a lot of time) that there was a program like this for every grade so my children could do it each year."

"I was very impressed with the organization and program over all, especially since it was the first year! I hope Junior Naturalist is able to continue for many years. I think it is a very valuable asset to our community to be able to have our children learn and appreciate nature and the earth we live on."

Junior continued.

I am working to identify a group of volunteers to plan and staff club meetings. If you take joy in working with children who LOVE nature, I want to hear from you!

I can be contacted at perryfam@ktc.com or 830-285-3446. Many hands make for light, pleasant work, so I hope to hear a chorus of enthusiastic responses from our wonderful Hill Country Chapter volunteers!



REGISTRATION IS NOW OPEN FOR THE 2011-2012 JUNIOR NATURALIST PROGRAMS!

We expect to fill up quickly, so spread the word promptly to the kids you know!

We will offer the Junior Naturalist program for 1st through 3rd graders.

We are very excited to announce a brand new Junior Naturalist program for 4th and 5th graders.

This new program is being developed by an enthusiastic group of students from Schreiner University under the direction of Dr. Chris Distel.

For more information on the 2011-2012 Junior Naturalist Programs, contact the Riverside Nature Center office at 830-257-4837 or office@riversidenaturecenter.org.

A big suggestion from Susan Sander:

MOW a big swatch around houses, buildings, and property lines to create a fire break. Water down the grass around your buildings to act as a buffer. Clean up underbrush – remember, agarita and sotol flare up like gasoline.

We are due for some hot action in the Hill Country. Too many right conditions for wildfires, even if it is from some idiot that tosses a butt out the window, or dumps their charcoal after a barbeque. The winds are wicked and the resources to fight a big blaze will be stretched. Our rivers and creeks are dropping fast, so water will be at a premium.

from Tom Collins



Four new visitors to the stream – two male and two female northern bobwhite quail – first time in three years a covey has shown up – hope they hang around. I had two coveys until September 2008, and a single bird in 2009. They will probably not nest this year due to low numbers of grasshoppers to feed the young.

Thanks to the generosity of Lowe's of Kerrville and to the sweat equity of at least five Master Naturalists, the Butterfly Garden at Kerrville-Schreiner City Park will have a properly functioning water distribution system by May. Work began in April to install fifty new shrub sprinklers and 350 feet of PVC pipe that will connect to existing water system timers. Non-potable water is used for irrigation. A rainwater catchment system was installed on the garden's shed to augment water supply. The refurbished water distribution system will allow plants to flourish and attract more butterflies.

The Kerrville–Schreiner Park Butterfly Theater was designed and installed in 2000 by the Friends of Kerrville-Schreiner State Park. Ernest Tremayne and several Master Naturalists were responsible for the vision, design, and installation of the garden and the original irrigation system. The flora is almost entirely Hill Country native plants. Nectar and larval plants were donated by Texas Master Naturalists, Native Plant Society of Texas, local nurseries, and private citizens.

The Butterfly Garden advocates the use of native plants to attract and sustain butterfly populations. The garden was certified as a Monarch Way Station in 2006 by

the Monarch Watch Program, an educational outreach program based at the University of Kansas. In 2007 a group of chapter members began to collect data at the garden for the Monarch Larval Monitoring Project. This citizen science project, sponsored by the University of Minnesota, involves volunteers in monarch research by collecting data on larval monarch populations and milkweed habitat. Butterfly counts are conducted annually and submitted to the North American Butterfly Association for data research on butterfly populations. The site is also a native plant genetic seed bank through the seed collecting activities of The Gleaners of Riverside Nature Center.

For more information contact Project Coordinator Cathy Downs, mzdowns@hctc.net.



BUTTERFLY GARDEN GETS NEW WATERING SYSTEM

The Hill Country Chapter Board of Directors approved the following resolution:

The Hill Country Chapter of the Texas Master Naturalist extends its sincere appreciation for the courtesy and generous assistance provided by Lowe's of Kerrville, Texas; by Lowe's plumbing associate, Jack Hardin; and by store manager, Dennis Deering in providing guidance and discounted materials to refurbish the automatic watering system for the Butterfly Garden at Kerrville-Schreiner City Park.



Floyd Trefny conveyed the chapter resolution to Lowe's manager, Dennis Deering. Lowe's donated \$300.00 of materials to the project.

The Master Naturalist Water System Team: Karla Trefny, John Sloan, and Floyd Trefny with assistance from Cathy Downs and Gracie Waggener.



Floyd Trefny and Karla Trefny plan sprinkler locations.



Karla Trefny and John Sloan lay pipe.



**A good day in
the garden.**



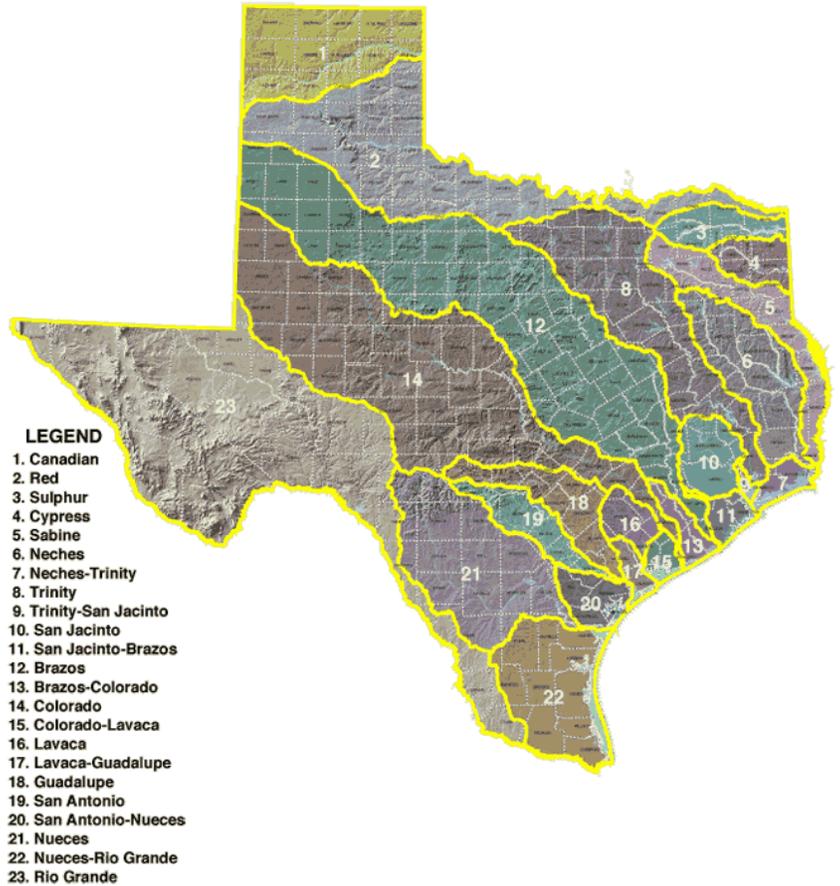
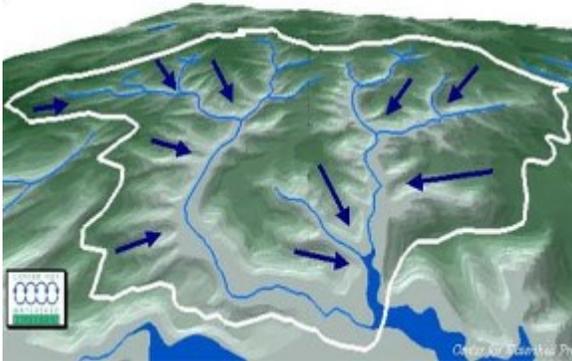
Floyd Trefny and Cathy Downs give thumbs up.



Success!

What Is a Watershed?

A watershed is the area of land that drains to a particular point along a stream



A river basin is the area drained by a river and its tributaries. River basin is synonymous with the term “watershed.”

2010 RIVERSIDE NATURE CENTER FAUNA CENSUS REPORT

This was a fairly typical year. We continue to add new species in every category except mammals. The 50 fauna census trips giving a total of 136 observation hours was the highest since the project began in April 2007. Thanks to all the people who have shown up in the cold or drizzle to help.

Thomas H. Collins, project leader

2010 SUMMARY REPORT DATA

- 50 RNC Fauna Census trips.
 - 136 observers completed 136 hours of census (indicating all trips consisted of one hour, per our protocol)
 - Average temperature at start time was 61degrees, with a high of 80 degrees, low of 32 degrees.
- The species number is for 2010. The site total is total of all species seen through the end of 2010.
- 92 bird species (135 site total). No data on total individual count. Most common bird is northern cardinal.
 - 43 butterfly species (79 site total). 631 individuals. Most common butterfly is pipevine swallowtail.
 - 9 species lacking documentation remain on the historical data base.
 - 11 Odonata species (35 site total). 51 individuals. Most common is widow skimmer.
 - 8 herp species (21 site total). 187 individuals. Most common is Texas River Cooter.
 - 7 mammals species (14 site total). 263 individuals. White-tailed deer account for 177 of the total.

Jim Stanley in the news!



BOOK REVIEWS

Review by Mike Krueger

It's fortunate that Jim Stanley took the time to write the *Hill Country Landowners Guide* so that his knowledge can

be shared with his primary target audience - new owners of Hill Country property, many of whom may have little if any experience in managing a piece of central Texas rangeland. But even those landowners who have been here a while and think they know a thing or two about taking care of their property can benefit from this book that is written in an easy, conversational style by one of their own. Jim acknowledges that he also was new to the land not that long ago, and experienced many of the same trials and tribulations that many of them most likely are experiencing. He has learned through experience, research, and lots of reading, attending classes, and consultations with experts in their fields to overcome many of the land stewardship challenges.

The book is segregated into several easy-to-digest sections. The first few chapters provide a very good background on what the Hill Country landscape likely looked like prior to settling by European man, why it looks the way it does today, and the challenges faced by the current owners of pieces of that landscape. The meat of the book is a chapter by chapter discussion, more like one-on-one chats with the reader, on the numerous "tools" that landowners have to manage their properties to help ensure that the region's resources are conserved for future generations. These chapters include identifying and remedying the region's ubiquitous issues of overgrazing/overbrowsing by domestic livestock and native and exotic wildlife, cedar encroachment, erosion, and oak wilt. There are chapters on prescribed burning and protection from wildfire, managing riparian areas and songbird habitats, restoring native plant communities, and miscellaneous topics such as rainwater harvesting, and proper techniques for planting and pruning trees. The book wraps up with a chapter that provides contact information for the various federal and state government agencies and nature-related organizations that are available to provide assistance to landowners, as well as with a couple of plant appendices and a glossary.

This book is a must-read for any Hill Country landowner, old-timer or newbie, big place or small. Substitute a few different plant communities and I think that the principles and practices discussed by Jim Stanley also have much applicability to many other ecoregions of the state, at least those in proximity to the Hill Country.

Mike Krueger is District Leader for the Edwards Plateau District of the Wildlife Division with Texas Parks and Wildlife working out of Kerrville.

Tom Collins' Three Bunting Day May 4, 2011



Painted Bunting



Lazuli Bunting



Indigo Bunting

UGRA Happenings

UGRA VOLUNTEER SUMMER STUDY PROGRAM

Assist UGRA by collecting weekly water samples from the Guadalupe River or its tributaries in Kerr County for E. coli bacteria testing. The program not only encourages the participation of local citizens in water quality testing, but the information collected by the volunteers helps identify areas in need of further investigation. Program begins June 1 and runs through August 31.

UGRA ANNUAL RIVER CLEAN UP

July 23, 8A -Noon at Louise Hays Park. Free hot dogs and other refreshments will be provided for volunteers and awards will be handed out for the most unusual item and the biggest item. Prizes will be raffled off and the first 200 volunteers will receive a free River Clean Up 2011 t-shirt. There will be an ecological fair with exhibits and demonstrations. Volunteers are encouraged to pre-register. Visit ugra.org/annualrivercleanup.

UGRA RAINWATER CATCHMENT SYSTEM REBATE PROGRAM

UGRA recently launched a rebate program to promote water conservation and watershed stewardship through rainwater harvesting. The program is available to anyone with a Kerr County address and will reimburse eligible applicants up to \$50 for the purchase of rainwater catchment system equipment. Apply now through September 30, 2011. Call 830-896-5445 for more information and eligibility requirements.

Contact Tara Bushnoe, tbushnoe@ugra.org, at UGRA for more information or to register.

Chapter Member Honored for Local Conservation Commitment with First CNC Stewardship Awards

Chapter member Kristie Denbow was a recipient of the Cibolo Nature Center's first Stewardship Awards, recognizing individuals who have made outstanding contributions to protecting the land, water, and wildlife of the region.

"The Cibolo Nature Center considers this the highest honor we can bestow on people who have significantly helped develop the quality of life we are privileged to experience here in the Texas Hill Country," said Brent Evans, who, with Carolyn Chipman Evans, is founding director of CNC. "In celebration of Earth Day, we wanted to acknowledge the folks whose shoulders we stand upon in conserving our natural resources and Hill Country heritage. Without committed individuals like these honorees, conservation success would not be possible."

Kristie is president of Kendall County Partnership for Parks (KCPP). KCPP works to secure an outdoor legacy for all. The non-profit organization promotes the preservation of the county's natural heritage and the development of recreational opportunities.



from Priscilla Stanley
and David Langford

DROUGHT!

Flow into Colorado River lower than drought-of-record period.

Forecast remains dry through the beginning of June.

Read the story.

www.statesman.com/news/local/flow-into-colorado-lower-than-drought-of-record-1421772.html



wildlandfirersg.org/

A Butterfly Count is coming to a town near you!

To participate all you need to do is email one of the compilers and he or she will get you set up. No butterfly experience is required. We can always use more eyes to help us locate, and all the butterfly knowledgeable folks enjoy helping you learn how to identify the 40-plus species we usually find.

Counts are only one day. We count butterflies in a predetermined 15-mile diameter circle. A small fee of \$3.00 per person covers the North American Butterfly Association costs to compile and publish count data. Be sure to wear good shoes or boots, a full-brim hat, and bring plenty of water or drinks and a lunch.

Kenn Kaufman's *Butterflies of North America* is the recommended field guide for those who want to learn more and study butterflies before the counts. Close focus binoculars are useful, but not necessary. Visit eagleoptics.com to learn more about sizing binoculars for your use.



The Red Spotted Purple is seldom seen, but when found, is one of the most beautiful butterflies in our local counts. Photo by Thomas Collins, taken on Collins' Ranch.

Local counts, dates, and compilers:

CENTER POINT – June 4 (Saturday) – Bob Tanner, compiler
- bintense@hotmail.com

BOERNE – June 24 (Friday) – Cathy Downs, compiler -
mzdowns@hctc.net

LOVE CREEK PRESERVE (Bandera County) – June 28
(Tuesday) – Tom Collins - towhee@hctc.net and Rebecca
Flack - rflack@tnc.org - co-compilers

KERRVILLE – July 15 (Friday) – Tom Collins, compiler -
towhee@hctc.net

Kerrville Chapter of the Native Plant Society of Texas

Monthly Meeting

Tuesday, June 7 at 7:00 p.m.
Riverside Nature Center

Bill Neiman, owner of Native American Seed Company in Junction will speak. His company works to produce ecological conservancy harvests on Texas's last great prairies. This local approach plays a valuable role in preserving unique genetic richness and diversity.

This evening meeting will be our last gathering until September. Come early for refreshments and socializing. Everyone is welcome!

Rainwater Harvest Workshop at Cibolo Nature Center

May 21, 2011 9A - Noon

John Kight, engineer and rainwater catchment owner gives the latest technological information and the most practical advice. Learn about design and materials from someone who has done it himself! The Kight home, with no well or outside water source, is in a traditional development. Their system comfortably supplies delicious water for all household and landscape needs.

Cost: \$25/members; \$35/non-members.

Pre-registration required. Call 830-249-4616.

Project WILD Training at Cibolo Nature Center

Sponsored by Texas Parks & Wildlife Department
June 18, 9A-4P or July 9 and 16, 9A-Noon

- Are you a classroom teacher or environmental educator?
- Do you work for or volunteer with a locally based organization or group?
- Do you enjoy other Environmental Education training programs?

Become a WILD Educator. Help reconnect kids with nature and build science and literacy skills through wildlife education.

Free for Title I teachers - \$15 for others.

To register email nature@cibolo.org
or call 830-249-4616.

Limited to 20 Educators
Applications Due by May 13th



L.A.N.D.S.

Learning Across New Dimensions in Science

TEACHER TRAINING SUMMER 2011

WHEN:

June 20 - 22

WHO SHOULD

ATTEND:

Teachers :

6, 7, 8th - Science
9, 10th - Agriculture,
Biology, & Science

AND

Educational Volunteers:

K -12

LOCATION:

Dobbs Run Ranch
Rocksprings, TX.

COST:

\$150 Per Person

Includes: Lodging, meals,
class materials & activities

WHAT WILL YOU GAIN FROM THIS EXPERIENCE ?

- 12 SBEC credit hours
- L.A.N.D.S. Notebook
- Opportunities to "earn" field trips
- Ability to network with other educators
- Hands-on class & field activities
- Chances to WIN teaching aids & door prizes

FOR MORE INFORMATION

CONTACT

Koy Coffey
830-792-3070

kcoffer@texas-wildlife.org

Or

Kassi Scheffer
800-TEX-WILD
kscheffer@texas-wildlife.org



Topics To Include:

- **Wildlife in Scientific Inquiry & Lab Investigations**
- **Anatomy & Adaptations (Necropsy Demo)**
- **Niches & Food Webs**
- **Soils**
- **Plant Identification**
- **Wild about Technology**
(Radio Telemetry & GPS)
- **Land Management Tools**

**TEKS
Aligned**



Conservation
LEGACY

Limited to 30 Educators
Applications Due by June 30



L.A.N.D.S.

Learning Across New Dimensions in Science

TEACHER TRAINING SUMMER 2011

WHEN:

August 1 - 3, 2011

WHO SHOULD ATTEND:

Teachers :

6, 7, 8th - Science
9, 10th - Agriculture,
Biology, & Science

AND

Educational Volunteers:

K - 12

LOCATION:

Camp Allen
Navasota, TX.
<http://www.campallen.org>

COST:

\$150 Per Person
Includes: Lodging, meals,
class materials, & ranch tour

**WHAT WILL YOU GAIN FROM
THIS EXPERIENCE ?**

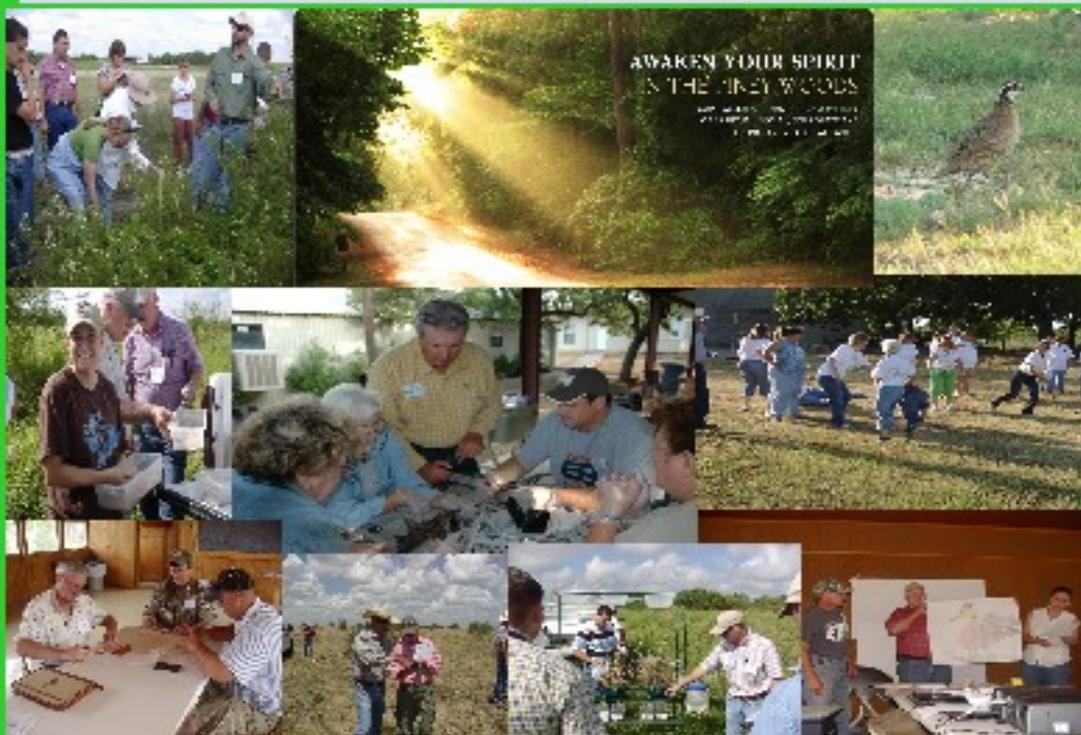
- 12 SBEC credit hours
- L.A.N.D.S. notebook
- Opportunities to "earn" field trips
- Ability to network with other educators
- Hands-on class & field activities
- Chances to WIN teaching aids & door prizes

FOR MORE INFORMATION

Koy Coffer
830-792-3070
kcoffer@texas-wildlife.org

Or

Kassi Scheffer
800-TEX-WILD
kscheffer@texas-wildlife.org



Topics To Include:

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- **Anatomy & Adaptations (Necropsy Demo)**
- **Niches & Food Webs**
- **Soils**
- **Plant Identification**
- **Wild about Technology**
(Radio Telemetry & GPS)
- **Land Management Tools**



T E X A S

Master
Naturalist™



Hill Country Chapter

a 501(c)(3) corporation

Board of Directors 2011

Phyllis Muska - President

Bob McKinley - Vice President

Anne Cassidy - Secretary

Cathy Downs - Treasurer

Steve Clyburn - Director of Advanced Training

Lisa Williams - Director of Class Training

Susan Longacre - Director of Communications

Koy Coffey - Director of Membership

Reidun Hilleman - Director of Volunteer Service Projects

Vern Crawford - 2010 New Class Representative

John Huecksteadt - Immediate Past President

FIND MORE INFORMATION ON
OUR WEBSITE!

TXMN.ORG/HILLCOUNTRY

Our chapter meets the fourth Monday of each month (excluding June and December) at 7:00p.m. in the Upper Guadalupe River Authority Lecture Hall at 125 North Lehmann Drive in Kerrville.

We gather at 6:30p.m. for a fun social half-hour. Please join us.

We welcome anyone interested in our monthly topic or the Texas Master Naturalist program.

Questions about our chapter?

Contact Koy Coffey

Director of Membership

kcoffer@texas-wildlife.org

Texas Master Naturalist mission:

To develop a corps of well-informed volunteers to provide education, outreach, and service dedicated to the beneficial management of natural resources and natural areas within their communities.



Texas Star
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The Texas Star is a monthly publication of the Hill Country Chapter of the Texas Master Naturalist program. News, comments, information, and ideas are always welcome. Please contact Kristie Denbow, denbow@gvtc.com.

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TEXAS PARKS AND WILDLIFE

