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PASSPORT

Vol. 3 No. 3 • September 1994 - November 1994

JOURNAL

Your passport to the real Texas.

Government Publications
Texas State Documents

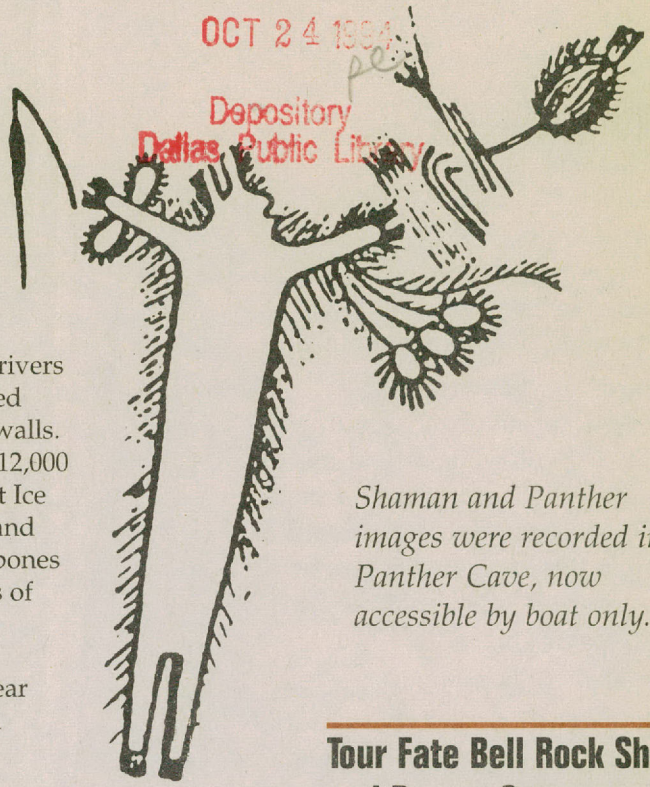
SEMINOLE CANYON STATE HISTORICAL PARK

Eternity Etched In Limestone

The thick limestone deposits that dominate the Trans-Pecos landscape developed over two-hundred million years ago when a shallow ocean covered the area. Calcareous seashells, drifting down for eons, were compacted into rock that surfaced in sixty-six million years of geologic uplifting. When the northern Ice Age glaciers melted, great rivers formed from the melt water. Flowing southward they gouged canyons in the limestone and etched shallow caves into the walls.

Paleoindian People, living in the caves, hunted the area 12,000 years ago by stampeding large game animals, like the extinct Ice Age elephants and bison, across the land into narrow clefts and over the edge of sheer cliffs. Piles of broken and butchered bones containing remnants of stone-tipped spears tell archeologists of the heroic hunters.

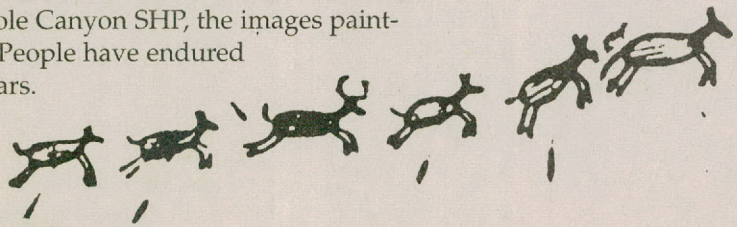
Archaic period Indians of 9,500 years ago, living in our current dry and warm climatic phase, used yucca, prickly-pear cactus and other desert plants to weave baskets, sandals and mats. They also painted panthers, deer and human figures on the walls of their rock shelters. In the Fate Bell Shelter preserved at Seminole Canyon SHP, the images painted by Lower Pecos People have endured for thousands of years.



OCT 24 1994

Depository
Dallas Public Library

Shaman and Panther images were recorded in Panther Cave, now accessible by boat only.



Tour Fate Bell Rock Shelter and Pressa Canyon

Guided tours of Fate Bell Shelter are offered twice daily, Wednesday through Sunday at 10 a.m. and 3 p.m.

Escorted hikes to sites in Pressa Canyon can be arranged for visitors over the age of 12 and in good shape. Rugged terrain calls for hiking boots, water, sun protection, long pants, walking sticks, snacks or lunch, and personal items such as field glasses and cameras. The fee is \$15 per person (\$8 for Passport holders). Permits for Pressa Canyon tours must be secured at least two weeks in advance: 1-915-292-4464.

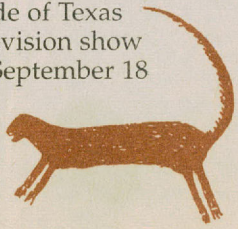
TEXAS PARKS & WILDLIFE DEPARTMENT

Texas Wildlife Expo '94 page 9

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ROCK ART ON TV

The rock art of Seminole Canyon is featured in an episode of Texas Parks & Wildlife television show during the week of September 18 on your local public television station; check local listings for time and date.





“...people doing the work of conservation...park volunteers, park managers, wildlife and fisheries biologists, botanists, historians and restoration artists are the wind beneath the wings of the Texas Conservation Passport program...”

STATE PARK INTERPRETATIONS & EXHIBITS

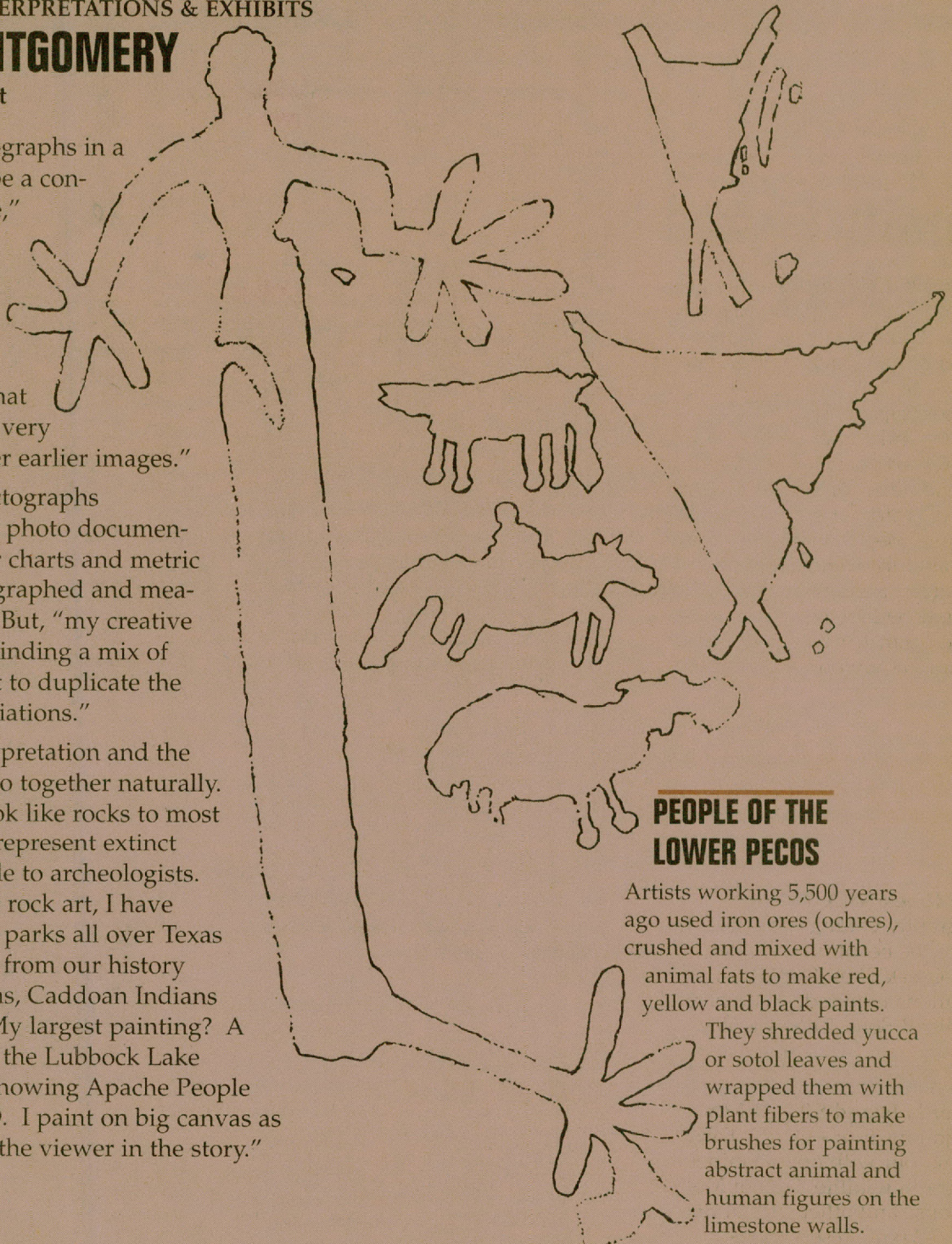
NOLA MONTGOMERY

Fine-Art Muralist

“Looking at pictographs in a rock shelter can be a confusing experience,” Nola said. “The ancient pigments blend into the colors of the limestone walls. Not to mention that the Indian artists very often painted over earlier images.”

Recording pictographs involves accurate photo documentation using color charts and metric rulers as well as graphed and measured drawings. But, “my creative challenge lies in finding a mix of tints on my pallet to duplicate the original color variations.”

“Artistic interpretation and the scientific vision go together naturally. Stone artifacts look like rocks to most people, but they represent extinct worlds and people to archeologists. In addition to the rock art, I have paintings in state parks all over Texas depicting images from our history such as mastadons, Caddoan Indians and dinosaurs. My largest painting? A 28-foot mural for the Lubbock Lake Landmark SHP showing Apache People around 1700 A. D. I paint on big canvas as a way of putting the viewer in the story.”



PEOPLE OF THE LOWER PECOS

Artists working 5,500 years ago used iron ores (ochres), crushed and mixed with animal fats to make red, yellow and black paints.

They shredded yucca or sotol leaves and wrapped them with plant fibers to make brushes for painting abstract animal and human figures on the limestone walls.

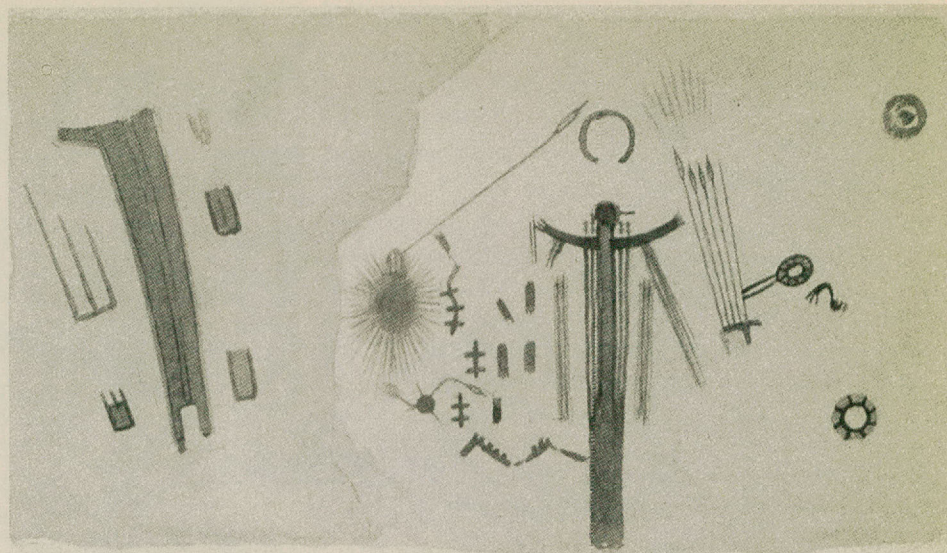
See Artist's Retreat on Page 3.

ART & PHOTOGRAPH OUTINGS

ART

El Paso/Big Bend Country

Big Bend Ranch SNA Artist's Retreat with Nola Montgomery - Sept. 30 - Oct. 2. Artists sketch, paint or photograph the rock art at Indian shelters in the Rio Grande desert wilderness. Meet at Fort Leaton in Presidio, 2:30 p.m., Friday, Sept. 30. Buses depart for Big Bend Ranch at 4 p.m. Six meals and two nights lodging provided. Bed down at the ranch bunkhouse with separate quarters for men and women (sleeping accommodations are available for 15 men and 15 women but the group size is limited to 20 participants in all). Saturday following breakfast, 4-wheel drive vehicles will transport everyone to Arroyo Segundo. From there, participants start a two-mile round trip hike to the shelter. Carry your own art gear by back pack; bring container for at least one-half gallon of water for each person; sack lunch provided but bring your own snacks. Return about 4 p.m. to bunkhouse. Sunday a breakfast and sack lunch will be provided. Buses leave at 8 a.m. for Las Cuevas and Manzanillo Canyon rock art sites.



Courtesy Texas Memorial Museum, acc 2261

Return to Fort Leaton around 5 p.m. Participants should expect strenuous desert hikes; boots are recommended. Fee \$350 per person (\$325 for Texas Conservation Passport holders). Passports may be purchased at Fort Leaton. Reservations required, guides Nola Montgomery and Big Bend Ranch staff, 915-358-3416.

Big Bend Ranch SNA Rock Art of Big Bend - Nov. 18-20. Visit four pre-historic and historic rock art sites with evening programs on subject. Five meals, two nights lodging and custom T-shirt included. Participants must be in good physical condition.

8-5 p.m., fee \$350 per person (\$325 for Texas Conservation Passport holders), reservations required, guide naturalist D. Alloway, 915-424-3327.

Dallas/Pineywoods

Cedar Hill SP Autumn Art - Sept. 24; Oct. 22; Nov. 26. Bring your art supplies and easels for painting in any portable medium: oils, watercolors, acrylics, or sketching materials. 9-2 p.m., reservations required, instructor S. Baldon, 214-291-3900 or 214-291-6505.

PHOTOGRAPHY

Austin/San Antonio/Hill Country

Honey Creek SNA Art and Photography Outing - Oct. 16, 23. Capture the beautiful fall colors of Honey Creek SNA. 8:30-1 p.m., reservations required, guide park naturalist P. Solis, 210-438-2656.

Corpus Christi/Lower Gulf Coast

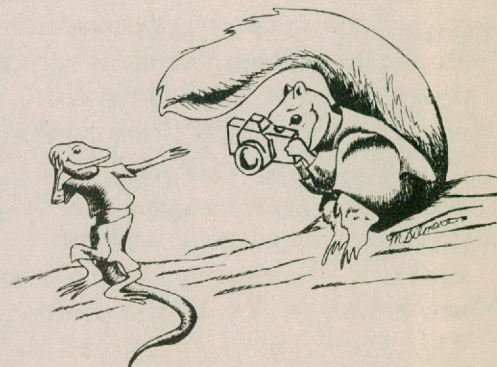
Matagorda Island SP & WMA Photography Tour - Oct. 9. Early morning tour with opportunities to photograph wildlife, Gulf of Mexico, Lighthouse and other sites of the island. 6-2 p.m., reservations required, guide conservation specialist C. Veatch, 512-983-2215.

Dallas/Pineywoods

Caddo Lake WMA Caddo Photo Tour - Oct. 29. Enjoy this excellent opportunity to photograph and explore Caddo Lake SP and WMA by boat. 7-11 a.m., fee \$25 per person plus tax, reservations required, guide naturalist Capt. D. Lomax, 903-679-3743.

Eisenhower SP Nature Photography - Nov. 13. Learn how to photograph wildlife. 2-3:30 p.m., fee \$1 per person, reservations required, guide photographer J. Cole, 903-465-1956.

Fairfield Lake SP Fall Photos of Fairfield - Oct. 29. Slide show and lecture in the morning then photos in the afternoon. 10-3 p.m., reservations available but not required, guides are members of the Nacogdoches Photographic Association, 903-389-2216.



El Paso/Big Bend Country

Big Bend Ranch SNA Photography Seminar - Nov. 3-6, 10-13. Photography seminars for scenery and wildlife. Meals and lodging included. Fee \$125 per person per day, reservations required, guides J. Carr and L. Williamson, 915-229-3416.

EXPLORE THE REAL TEXASSM

BIRDS



El Paso/Big Bend Country

Davis Mountains SP Bird Banding Observation - Sept. & Oct. Every Wednesday, Friday & Saturday. See bird banding in operation and learn about neotropical migrants. Call for November schedule. 8-11 a.m., reservations required for large groups only, guide park superintendent K. Bryan, 915-426-3337.

Fort Worth/Cattle Country

Lake Brownwood SP Birdwatching Tour - Oct. 1, 22. 7-10 a.m., reservations available but not required, guides Mr. & Mrs. G. Creel, 915-784-5223.

Houston/Upper Gulf Coast

Candy Cain Abshier WMA Hawk Watch - Oct. 1. View as many as 20 species of raptors including eagles, falcons, hawks, and kites. 9-noon, reservations available but not required, guide biologist T. Turney, 409-736-2540.

Jasper SFH Birdwatching - Sept. 24. 8-1 p.m., reservations required, guide biologist R. Helton, 409-384-9965.

Mad Island WMA Migratory Bird Tour - Oct. 22. Meet at check station. Bring food, water, boots, and insect repellent. 7 a.m.-dark, reservations required, guide Dr. B. Ortego, 512-576-0022.

Peach Point WMA Migratory Bird Tour - Oct. 29. Meet at check station. Bring food, water, boots, and insect repellent. 7 a.m.-dark, reservations required, guide Dr. B. Ortego, 512-576-0022.

Rio Grande/Brush Country

Choke Canyon SP/Calliham Unit Birdwatching - Sept. 24; Oct. 8, 22. 8-noon, reservations required, guide conservation specialist T. Smith, 512-786-3868.

Austin/San Antonio/Hill Country

A.E. Wood SFH Birdwatch and Nature Tour - Oct. 15. Expert and novice birdwatchers take a walking tour of the hatchery grounds and culture facilities. Learn about culture practices, effects of predatory birds on hatchery production and ecology of the San Marcos River. 7-10 a.m., reservations required, guide fish health specialist K. Ramos, 512-353-0572.

Corpus Christi/Lower Gulf Coast

Guadalupe Delta WMA Migratory Bird Tour - Oct. 15. Meet at check station. Bring food, water, boots, and insect repellent. 7 a.m.-dark, reservations required, guide Dr. B. Ortego, 512-576-0022.

Matagorda Island SP & WMA Bird Tour - Oct. 15. Walking bird tour of the north end of the island. Bring lunch, good walking shoes, water and binoculars for this great birding opportunity. 8-4 p.m., fee \$10 per person \$14 for non-TCP holders, reservations required, guide naturalist L. Lewis, 512-983-2215.

Matagorda Island SP & WMA Whooping Crane Tour - Nov. 6, 19. After a short introduction, the tour group will travel by bus 20 miles to observe whooping cranes in their winter habitat. Bring lunch, insect repellent and water. 10-4 p.m. Nov. 6 and 8-4 p.m. Nov. 19, fee \$10 per person \$14 for non-TCP holders, reservations required, guide L. Lewis, 512-983-2215.

Dallas/Pineywoods

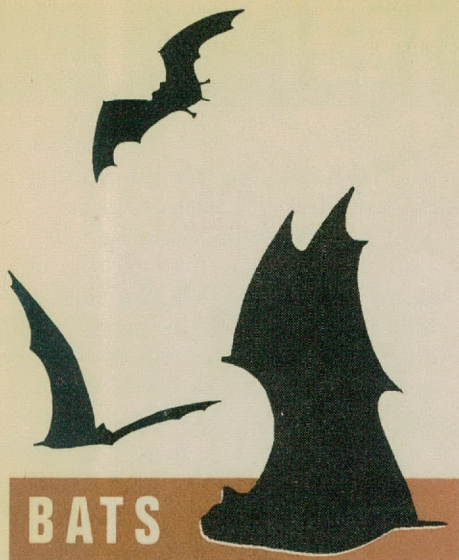
Alabama Creek WMA Pajama Party-Ducks Only! - Oct. 22. Viewing of roosting area and waterfowl coming to roost. Participants will meet at the U.S. Forest Service building. 5:30 p.m.-dark, reservations required, guide U.S. Forest Service wildlife biologist R. Mize, 409-831-2246.

Cooper Lake WMA Birdwatching and Nature Walk - Sept. 17; Oct. 29; Nov. 26. 10-noon, reservations required, guide conservation specialist J. Thomas, 903-884-3833.

Fairfield Lake SP Fairfield Lake Bald Eagle Boat Tour - Nov. 12, 19, 26. Binoculars and jacket recommended. 10-noon and 1-3 p.m., fee \$8 adults and \$4 children (12 and under), reservations required, guide conservation specialist D. Walsh, 903-389-4514.

Moore Plantation WMA "Thanksgiving for Turkeys" - Sept. 10. Explore and learn about the living quarters of the eastern wild turkey. Also experience methods of capture and the wild turkey restoration program. 10-noon, reservations required, guide conservation specialist J. Burk, 409-383-0144.

Ray Roberts Lake WMA "Ducks at Dark" - Oct. 29. Tour the Range Creek Wetlands Project and learn about waterfowl management. Observe waterfowl coming to roost on the wetlands. Rubber boots, camera, binoculars, bird guides, insect repellent and drinking water are recommended. 3-7 p.m., reservations available but not required, guide biologist T. Lawyer, 817-637-2290.



BATS

Austin/San Antonio/Hill Country

Devil's Sinkhole SNA Observation of Devil's Sinkhole and Brazilian Freetail Bat Flight - Oct. 1, 15. Need high clearance vehicle (no cars), insect repellent and drinking water. 5-9 p.m., reservations required, guide park manager D. Stuart, 210-563-2342.

Kickapoo Cavern SNA Cave Tour and Bat Flight - Sept. 1, 3, 7, 14, 21, 24; Oct. 5, 12. Flashlight tour of undeveloped cave followed by observation and interpretation of Brazilian Freetail bat flight from Green Cave. 4-9 p.m., reservations required, guide biologist D. Stuart, 210-563-2342.

Kickapoo Cavern SNA Bat Flight and Interpretation at Green Cave - Sept. 8, 15, 22, 29; Oct. 6, 13. Emergence of Brazilian Freetail Bats at dusk with interpretation by park naturalist. 6-9 p.m., reservations required, guide park manager D. Stuart, 210-563-2342.

Old Tunnel WMA Bat Emergence Tour - Sept. & Oct. Every Thursday & Saturday. Bat emergence viewing and site history. One hour before sunset, times vary throughout year so call for approximate time, reservations required, guide park superintendent R. Trippet, make reservations through Pedernales Falls SP 210-868-7304.

Dallas/Pineywoods

Eisenhower SP All About Bats - Sept. 24. Discover the who, what, where, and why of "batdom." 2-3:30 p.m., fee 50 cents per person, reservations required, guide K. Whitehead, 903-465-1956.

BIKING

Corpus Christi/Lower Gulf Coast

Matagorda Island SP & WMA Fall Bird Bike Ride - Oct. 8. Bird bike ride during the fall migration will be held on the north end of the island. Some bikes provided, but everyone is encouraged to bring their own. Bring lunch, drinking water, binoculars and insect repellent. 8-4 p.m., fee \$10 per person \$14 for non-TCP holders, guide naturalist L. Lewis, 512-983-2215.

Dallas/Pineywoods

Fairfield Lake SP Fat Tire Fandango - Oct. 29. An overview of mountain biking with tips on maintenance, safety, and area opportunities followed by a tour of the primitive area trail. 1-4 p.m., guide conservation specialist D. Walsh, 903-389-4514.

Rio Grande/Brush Country

Choke Canyon SP/North Shore Unit Mountain Bike Ride - Nov. 12. Ride at your own pace through the North Shore Unit over 19 miles of paved roads to view the wildlife. Meet at the South Shore Unit headquarters. 9-3 p.m., reservations required, guide conservation specialist T. Smith, 512-786-3868.



HORSE RIDES

Austin/San Antonio/Hill Country

Lake Somerville SP & WMA/Nails Creek Unit Horseback Tours - Sept. 24. A guided trail ride which will tour the Somerville Trailway and WMA. 9-1 p.m., reservations required, guides D. Yount and conservation specialist D. Fischer, 409-289-2392.

STATE PARK STARGAZING

Dallas/Pineywoods

Richland Creek WMA Stars of the Autumn Night - Sept. 10. Ride a hay wagon to an isolated site and view the mysteries of the sky through a telescope. Starts at 7 p.m., reservations required, guide M. Dillman, 903-389-2216.

FISH STORIES

Austin/San Antonio/Hill Country

A.E. Wood SFH Flyfishing Clinic - Nov. 12. Learn the basics of flyfishing and fly tying. There will be ample time for one-on-one instruction and over-water casting practice. The event will culminate in a competition for precision and accuracy. 8-noon, event is also open to non-TCP holders, reservations required, guide conservation scientist M. Stacell, 512-353-0572

Fort Worth/Cattle Country

Lake Arrowhead SP Crappie Survey Demonstration - Nov. 5. 10-11 a.m., reservations available but not required, guide biologist M. Howell, 817-528-2211.

Rio Grande/Brush Country

Choke Canyon SP/Calliham Unit Children's Fishing Seminar - Sept. 3, 10, 17. Children ages 6 to 12 will be shown how to tie knots and rig their fishing poles. We will then fish until noon. Poles will be furnished by TPWD along with bait. Each session will be limited to 20 participants. 9-noon, reservations required, guide conservation specialist T. Smith, 512-786-3868.



Continued on page 6



HANDS ON HISTORY

Austin/San Antonio/Hill Country

Guadalupe River SP Flintknapping Workshop - Oct. 15. Amateur flintknappers will have an opportunity to improve at this ancient skill. Bring one pound cobble stones, gloves and safety glasses. 1-4 p.m., fee \$5 per person, reservations required, guide archeology student A. Bettis, 210-438-2656.

Sebastopol SHP Flintknapping Workshop - Oct. 9. Learn techniques of making projectile points. 1-4 p.m., fee of \$5 per person, reservations required, guide D. Whited, 210-379-4833.

Corpus Christi/Lower Gulf Coast

Matagorda Island SP & WMA History Tour - Sept. 25. History tour of Matagorda Island will be presented with demonstrations, trip to the Lighthouse and grave sites covering the origins of the island 5000 years ago to the beginnings of WWII. 10-4 p.m., fee \$10 per person \$14 for non-TCP holders, reservations required, guide conservation specialist C. Veatch, 512-983-2215.

Dallas/Pineywoods

Cedar Hill SP Penn Farm Agricultural History Center - Sept. 17; Oct. 15; Nov. 19. Update of restoration and history of Penn Farm. 9-noon, fee \$2 adults \$1 children, reservations available but not required, TCP is not required on this self-guided tour, 214-291-3900.

Houston/Upper Gulf Coast

Martin Dies, Jr. SP Alabama-Coushatta 4-H Windwalkers - Sept. 24. Come and enjoy Indian dancing, folk lore and Indian tacos. 11-noon, fee \$2 per person, reservations required, 409-383-0144.

BUS TOURS

El Paso/Big Bend Country

Big Bend Ranch SNA Fort Leaton Bus Tour - Sept. 3; Oct. 1; Nov. 5. Tour Fort Leaton SHP and Big Bend Ranch with stops at archeological, geological, and historic sites. Lunch included. 8-5 p.m., fee \$55 non-TCP holders \$60, reservations required, guide naturalist D. Alloway, 915-424-3327.

Big Bend Ranch SNA Big Bend Ranch Bus Tour - Sept. 10, 24; Oct. 8, 22; Nov. 12, 26. Tour along the Rio Grande to archeological, geological and historical sites on Big Bend Ranch with lunch included. 8-5 p.m., fee \$70 per person, reservations required, guide Big Bend Touring Society S.

Big Bend Ranch SNA Bus Tour of Big Bend Ranch - Sept. 16; Oct. 14; Nov. 18. Tour of Big Bend Ranch along the Rio Grande to geological, archeological, and historical sites with lunch included. 8-5 p.m., fee \$70 per person, reservations required, guide R. Gibson, 915-424-3234.

Big Bend Ranch SNA Warnock Center Bus Tour - Sept. 17; Oct. 15; Nov. 19. Tour of Big Bend Ranch from Warnock Center along the Rio Grande with stops at geological, archeological and historic site with lunch included. 8-5 p.m., fee \$55 non-TCP holders \$60, reservations required, guide naturalist D. Alloway, 915-424-3327.



WILDLIFE

Austin/San Antonio/Hill Country

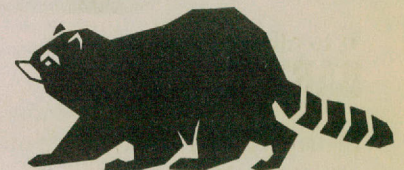
Colorado Bend SP Spotlight Deer Census - Sept. 10, 24. This activity will begin with a brief orientation then a daylight deer observation (for herd composition) from the back of a moving truck. We will have a short break then conduct a deer spotlight census (for deer density) from the back of a moving truck along an 8 mile route. Binoculars, flashlight and jacket are recommended. 6-10 p.m., \$2 activity fee for people six years of age and over, reservations required, guide biologist M. Krueger, 915-628-3240.

Dallas/Pineywoods

Fairfield Lake SP Call of the Wild - Sept. 3. A synopsis of techniques used to call deer, turkey, songbirds, waterfowl, and predators will be given with an overview of area opportunities. Meet at the Springfield Amphitheater. 8-9:30 p.m., reservations available but not required, guide conservation

Fairfield Lake SP Raccoons of Fairfield Lake - Sept. 10. An overview of raccoons, nocturnal creatures and other things that go bump in the night. Meet at the Springfield Amphitheater. 8:30-9:30 p.m., guide conservation specialist D. Walsh, 903-389-4514.

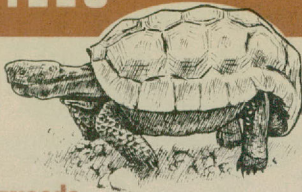
Gus Engeling WMA Forest Wildlife of the Autumn Night - Oct. 15. Evening spotlight tour to observe nocturnal animals and a short walk through creek bottom to call and listen for barred owls. 7-9:30 p.m., reservations required, guides biologists C. Frenress and D. Frels, 903-928-2251.



Houston/Upper Gulf Coast

Martin Dies, Jr. SP Bears of Texas - Oct. 29. Learn about Black Bears in Texas and especially around North Toledo Bend WMA. 10-noon, reservations required, guide S. Willis, 409-383-0144.

REPTILES



Dallas/Pineywoods

Fairfield Lake SP & Richland Creek WMA Splendor in the Grass - Sept. 17, 18. Part one of this activity will be conducted at Fairfield Lake SP with slide presentation and hands on user friendly reptiles Saturday evening. Part two will be conducted at Richland Creek WMA with field survey methods and trapping of reptiles Sunday morning. Starts 7 p.m. Sept. 17 and 9 a.m. Sept. 18, reservations available but not required, guide herpetologist N. Ford PhD, 903-389-2216.

SPECIAL EVENTS

WHODUNIT? MYSTERY



Austin/San Antonio/Hill Country

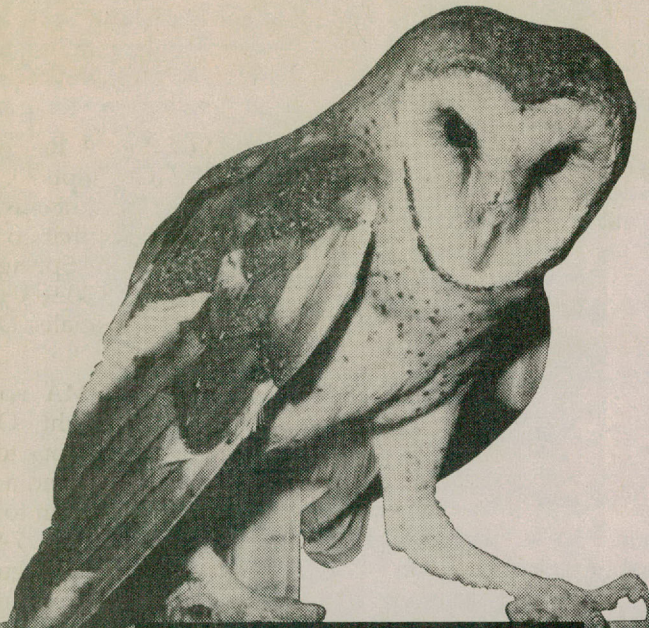
Longhorn Caverns SP Sam Bass Treasure Hunt/Mystery Game - Dec. 2-3, 9-10. Enter the depths of Longhorn Caverns and search for clues to determine if outlaw Sam Bass actually used the caverns. Participants will follow set a of clues, encounter costumed characters and search for money bags filled with gold coins! 7-9 p.m., prices vary from \$60 to \$150 per person depending on lodging accommodations, reservations required, guides park staff, 512-756-4680.

COOKING CONTEST

Dallas/Pineywoods

Cedar Hill SP/Penn Farm Agricultural History Center Campfire Cooking Contest - Sept. 3; Oct. 1; Nov. 5. Come and produce your favorite recipe from building the fire to the finished product. Park employees will judge contest. 9-2 p.m., reservations required, 214-291-3900 or 214-291-6505.

Continued on page 8



Glen Mills

NATURE NOTES

Tyto alba BARN OWL

Hunting at night, the barn owl's broad white wings and silent flight could give you a perfect Halloween fright especially since they like to nest in barns, deer blinds and near towns. They range throughout Texas preferring warm areas in open grasslands, meadows and marshes. They just will not stay where it is cold, mountainous or heavily forested. Silent flight allows barn owls to hunt successfully for rats and field mice...making them excellent neighbors!

Know before you go!

Texas Conservation Passports are for adults, age 17 and older. Children and young adults do not need to have a Conservation Passport and are not eligible for Passport discounts.

- Some of these activities require one Conservation Passport per person age 17 and over.
- Some activities require **reservations**.
- Most activities have a **limit on group size**.
- For **reservations** and information, call the phone number listed with the activity.
- For WMAs, the best time to catch the biologist in the office is on a weekday between 8 to 9 a.m. and 12 to 1 p.m.
- Call WMAs before going to visit to make sure you can have access.
- See Drive Across Texas, Page 10 12, for directions to activities.
- Abbreviations:

SP = State Park

SFH = State Fish Hatchery

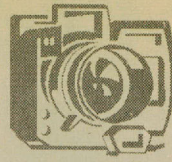
SHP = State Historical Park

SNA = State Natural Area

WMA = Wildlife Management Area

TCP = Texas Conservation Passport

TPWD = Texas Parks & Wildlife Department



NATURE TOURISM

MARINE & AQUATIC ECOSYSTEMS

Austin/San Antonio/Hill Country

Honey Creek SNA Aquatic Ecology Tour - Oct. 8. Learn about water resources and the biology of aquatic systems like Honey Creek. Will include an easy one mile hike. 9-11 a.m., donations appreciated, guide J. White has Master of Science with emphasis in plant ecology, 210-438-2656.

Dallas/Pineywoods

Caddo Lake SP & WMA Boating Ecotour on Caddo Lake - Sept. 10, 24; Oct. 8, 22; Nov. 5, 19. 1-3 p.m., fee \$8 adults and \$5 children, reservations required, guide naturalist Capt. D. Lomax, 903-679-3743.

WILD CAVE ADVENTURE

Austin/San Antonio/Hill Country

Colorado Bend SP Wild Cave Tours - Sept., Oct. & Nov. Every Saturday & Sunday. Discover what speleologists (cavers) experience while exploring the underground world. The crawling tour takes you through several relatively small and progressively more difficult caves. The walking tour takes you to Gorman Cave. Wear old clothes, comfortable shoes and bring a flashlight. Equipment suggested for crawling tours: strap-on headlight, knee pads and elbow pads. Starts 9:15 a.m. Saturdays and Sundays for Walking Tours and 1:30 p.m. Saturdays for Crawling Tours, resource and weather permitting, \$8 per person for walking tour and \$15 per person for crawling tour, reservations required maximum 10 people per tour, guide E. Young of the Texas Speleological Association, 915-628-3240.

IN BALANCE WITH NATURE

Austin/San Antonio/Hill Country

Honey Creek SNA Restoration Ecology Workshop-Part I - Sept. 24. This is the first session of two restoration ecology workshops. We will conduct a field lecture and site visit on the techniques and processes of habitat restoration. Dress comfortably for a short work session. 9-1 p.m., donations appreciated, guide TPWD staff K. Good, 210-438-2656.

Honey Creek SNA Restoration Ecology Workshop-Part II - Oct. 1. This workshop will follow up on efforts begun in 1989. Participants will form teams to collect vegetation data that will document change between restored and unrestored areas over time. 9-1 p.m., donations appreciated, guide D. Kohler, 210-438-2656.

Dallas/Pineywoods

Richland Creek WMA Edible Plants in Winter - Nov. 5. 10-noon, reservations required, guide naturalist R. Milam, 903-389-2216.

El Paso/Big Bend Country

Big Bend Ranch SNA Useful Plants of the Chihuahuan Desert - Sept. 3-4. Two day seminar on plant uses of the Chihuahuan Desert including food, beverages, medicines and fiber plants. Includes three meals, lodging, and custom T-shirt. 8-5 p.m., fee \$200 per person, reservations required, guide naturalist D. Alloway, 915-424-3327.

Big Bend Ranch SNA Desert Survival Workshop - Oct. 21-23. Three day workshop on desert survival with emphasis on finding water, food, shelter, primitive fire making, cooking and expedient weapons. Five meals, two nights lodging and custom T-shirt included. 8-5 p.m., fee \$300 per person, reservations required, guide naturalist D. Alloway, 915-424-3327.

COASTAL ECOTOURS

Corpus Christi/Lower Gulf Coast

Matagorda Island SP & WMA Marine Tour - Sept. 3. The marine environment will be experienced through a variety of sampling methods on both the bay and gulf beaches of Matagorda Island. Bring lunch, water and hard-soled shoes for wading. 10-4 p.m., fee \$10 per person \$14 for non-TCP holders, reservations required, guide conservation specialist C. Veatch, 512-983-2215.

Matagorda Island SP & WMA Beachcombing and Shelling Tour - Sept. 11; Oct. 23; Nov. 12. After arriving on Matagorda Island, participants will be transported in an open 4 wheel drive vehicle to the Gulf of Mexico beach for 6 hours of beachcombing. Bring lunch, water, good walking shoes, sunscreen, and something for carrying treasures home. 10-4 p.m. Sept. 11 and 8-4 p.m. Oct. 23 and Nov. 12, fee \$10 per person \$14 for non-TCP holders, reservations required, guides conservation specialists C. Veatch and M. Kelley, 512-983-2215.



NATURE OUTINGS FOR WALKERS & HIKERS

Austin/San Antonio/Hill Country

Colorado Bend SP Gorman Falls Tour - Sept., Oct. & Nov. Every Saturday & Sunday. Caravan from park headquarters to the Gorman area of the park and then hike to the falls. From trail head, it's a one-and-a-half mile round-trip over beautiful hill country terrain. Substantial footwear with rubber soles is recommended. No pets allowed on tour. No restrooms or drinking water available in Gorman Falls area. 10-2 p.m. Saturdays and 10 a.m. on Sundays weather permitting, \$2 per adult, \$1 for children 6 through 12 years old, under 6 years old free, activity fee may apply and entrance fee for non-TCP holders, guides B. Paddie and J. Taylor, 915-628-3240.

Honey Creek SNA Lower Edwards Plateau Ecosystem Tour - Sept. 3; Oct. 15, 22, 29; Nov. 19, 26. Two mile guided walk with an interpretation of cultural, biological, and geological history of the hill country. 9-11:30 a.m., donations appreciated, guide park naturalist P. Solis, 210-438-2656.

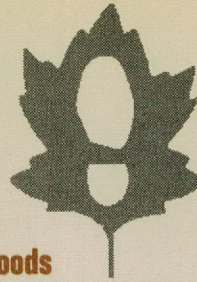
Honey Creek SNA Native Grass Identification Tour - Sept. 10, 17, 25. Easy one mile walk to view native grasses in full bloom. 9-noon, donations appreciated, guides experts in range ecology, 210-438-2656.

Honey Creek SNA Wildflower and Native Plant Tour - Nov. 5, 12. Close-up look at flora of Honey Creek SNA with easy one mile walk and emphasis on cultural uses of native plants. 9-11 a.m., guide park naturalist P. Solis, 210-438-2656.

M.O. Neasloney WMA A Walk on the Wild Side - Oct. 22. Slide show and nature tour of habitat management and plant identification. 10-2 p.m., reservation required, guide fish and wildlife technician D. Bujnoch, 210-424-3407 or 210-875-9230.

Corpus Christi/Lower Gulf Coast

GCCA/CPL Marine Development Center Birding Walk & Hatchery Tour/Slide Program - Sept. 10; Oct. 8; Nov. 12. Guided nature walk around hatchery ponds and hatchery. Slide show presentation and tour of facility. 9-11 a.m., reservations required, guide hatchery manager T. Engeling, 512-939-7784.



Dallas/Pineywoods

Caddo Grasslands WMA Nature Walk - Sept. 3. 1-2 p.m., reservations required, guide conservation specialist J. Thomas, 903-884-3833.

Eisenhower SP Wildflowers and Other Native Plants - Oct. 29. Participants will be lead on a wildflower and prairie grass identification walk. 1:30-3 p.m., fee 50 cents per person, reservations required, guide Dr. H. McCarley, 903-465-1956

Lake Tawakoni SP Nature Tour - Sept. 24; Oct. 29; Nov. 26. Take a guided tour of the area that is to become a state park. 10-2 p.m., reservations required, guides A. Engledow and M. Kinney, 903-425-2332.

Pat Mayse WMA Nature Walk - Sept. 10. 10-noon, reservations required, guide conservation specialist J. Thomas, 903-884-3833.

Ray Roberts Lake WMA/Culp Branch Native Prairie Culp Branch Native Prairie Walking Tour - Oct. 15. Participants will be guided on a walking tour of the Culp Branch Native Prairie restoration project at the Ray Roberts Lake WMA. Native prairie plant communities and associated wildlife species will be the focus. You will need to bring hiking footwear, cameras, binoculars, plant and animal field guides, insect repellent, drinking water and sack lunches if such items are desired. 9-1 p.m., reservations available but not required, guides biologist T. A. Lawyer and former president of the Native Prairies Association of Texas A. Davis, 817-637-2290.

Rio Grande/Brush Country

Bentsen-Rio Grande Valley SP & Las Palomas WMA Discover South Texas Wilderness Areas - Sept. 13, 27; Oct. 11, 25; Nov. 8, 22. 7:30-4 p.m., reservations required, guide park superintendent B. Loya, 210-585-1107 or 210-585-0902.



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Lake Lewisville SP

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When: October 1-2

Where: Texas Parks & Wildlife headquarters complex
4200 Smith School Rd.
Austin

It's Free!

For more information call
1-512-389-4472

Austin/San Antonio/ Hill Country

A.E.Wood SFH

In San Marcos, off I.H. 35; take State Highway 123 (Seguin exit) and go south to F.M. 621 (Staples Rd.). The hatchery is on the left. 512-353-0572.

Colorado Bend SP

In Lampasas and San Saba Counties on the Colorado River, about 10 miles above Lake Buchanan, near the community of Bend. Bend is north of Llano via State Highway 16 or west of Lampasas via U.S. Highway 183/190. Paved access to Bend via R.R.s 501, 580 or 581. From Bend there are approximately 4 miles of unpaved road to the park entrance. 915-628-3240.

Devil's Sinkhole SNA

Closed to the public. Access by Texas Conservation Passport only. In north-eastern Edwards County about 135 miles northwest of San Antonio; contact Kickapoo Cavern SNA for directions at 210-563-2342.

Granger WMA

In Williamson County. From Taylor, take State Highway 95 north to Circleville and turn east on F.M. 1331 then approximately 6 miles to the Wilson Fox Park/Granger Dam road. Corps of Engineers headquarters has area maps (with registration boxes marked) at the north end of the dam road. 512-859-2668.

Guadalupe River SP

In Kendall and Comal Counties, 30 miles north of San Antonio; on State Highway 46 between Boerne and U.S. Highway 281. 210-438-2656.

Hill Country SNA

In Bandera and Medina Counties, 10 miles southwest of Bandera. From Bandera, take State Highway 173 south a 1/4 mile to R.R. 1077 (also marked as "Dixie Dude R.R."); go 10 miles to the park entrance, the last 1.5 mile stretch is not paved. 210-796-4413. (park is closed Tuesdays and Wednesdays)

Honey Creek SNA

Access through Guadalupe River State Park, see above. 210-438-2656.

Kickapoo Cavern SNA

Access by Texas Conservation Passport only. Everyone over 17 years of age or older required to have a Passport. In Edwards and Kinney Counties, 40 miles west of Uvalde on U.S. Highway 90, then 22.5 miles due north of Bracketville on R.R. 674; park entrance is on west side of road. 210-563-2342.

Lake Somerville SP/ Nails Creek Unit

Located in Burleson County northwest of Brenham. Nails Creek Unit is located on F.M. 180, 15 miles off U.S. 290. 409-289-2392.

Longhorn Cavern SP

In Burnet County, about 5 miles south of Burnet on U.S. Highway 281. 512-756-4680.

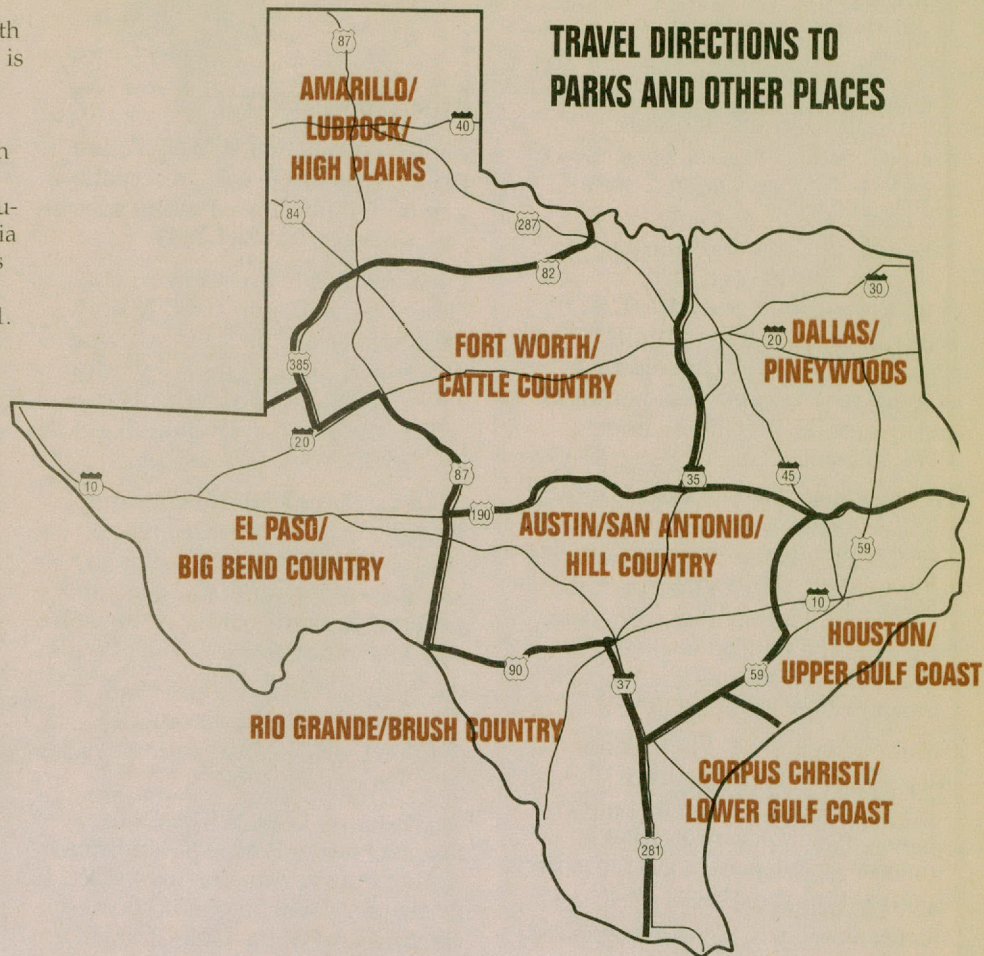
M.O. Neasloney WMA

In Gonzales County about 8 miles south of Luling, on the west side of State Highway 80. 409-968-6591.

Old Tunnel WMA

In Kendall County, 14 miles south of Fredericksburg. From Fredericksburg take U.S. Highway 290 east to F.M. 1376 (KOA). Turn south and go about 5 miles, turn right on Grapetown Road and go about 6 miles to T, turn left and go about 3.5 miles to the WMA (on left side of road). 210-868-7304.

TRAVEL DIRECTIONS TO PARKS AND OTHER PLACES



Pedernales Falls SP

In eastern Blanco County, 9 miles east of Johnson City on F.M. 2766; or, about 32 miles west of Austin off U.S. Highway 290, then north on F.M. 3232 for 7 miles. 210-868-7304.

Sebastopol SHP

In Seguin, 34 miles east of San Antonio on I.H. 10. In Seguin turn south at State Highway 46 and go 1 mile to U.S. Highway 90A (Court Street) turn east and go 1 mile to the park entrance. 210-379-4833.

Walter Buck WMA

In Kimble County, on the South Fork of the Llano River. Take State Highway 377 south of Junction, the WMA entrance is 3 miles past the city limits sign. 915-446-3994.

Corpus Christi/ Lower Gulf Coast

GCCA/

CPL Marine Development Center
In Corpus Christi. From I.H. 37 take South Padre Island Drive Exit (Highway 358) to Waldron Road and turn right. Drive 4 to 5 miles until road dead ends. Stop at gate. 512-939-7784.

Guadalupe Delta WMA

In Calhoun County, approximately 15 miles southwest of Port Lavaca on south side of Highway 35. 512-576-0022.

Matagorda Island SP

In Calhoun County, about 50 miles southeast of Victoria; park headquarters, dock and information center at Port O'Connor. 512-983-2215.

Welder Flats Coastal Preserve

In Calhoun County at the junction of the Victoria Barge Canal with the Gulf Intracoastal Waterway. Boat access only. 512-576-0022.

Dallas/Pineywoods

Alabama Creek WMA

In Trinity County. Meet at U.S. Forest Service building west of Applesprings on State Highway 94. 409-831-2246.

Caddo Grasslands WMA

In Fannin County, 15 miles north of Honey Grove, off F.M. 100. 903-884-3833.

Caddo Lake SP/WMA

In Harrison County, 15 miles northeast of Marshall. Take State Highway 43 north to F.M. 2198, turn east and travel about 3/4 mile to P.R. 2. 903-679-3351.

Cedar Hill SP/

Penn Farm Agricultural History Center
In the southwest corner of Dallas County about 15 miles southwest of Dallas on Joe Pool Lake. The park is 2 miles northwest of Cedar Hill and is accessible via F.M. 1382. 214-291-3900.

Cooper Lake WMA

In Hopkins County 12 miles north of Sulphur Springs on State Highway 154. 903-884-3833.

Eisenhower SP

In northern Grayson County, 5 miles northwest of Denison. Take U.S. Highway 75A north to F.M. 1310, turn northwest and travel about 2 miles to P.R. 20. 903-465-1956.

Fairfield Lake SP

In eastern Freestone County near Fairfield; from I.H. 45 take U.S. Highway 84 east to F.M. 488, go north to F.M. 2570 then go east to P.R.64. 903-389-4514.

Gus Engeling WMA

In Anderson County, 21 miles northwest of Palestine; or 38 miles southeast of Corsicana on U.S. Highway 287. 903-928-2251.

Lake Tawakoni SP

In Hunt County east of Dallas. From the end of F.M. 2475 to White Deer Landing Road to park entrance. 903-425-2332.

Moore Plantation WMA

In Sabine and Jasper Counties, 6 miles south of Hemphill on State Highway 87. 409-384-5231.

Pat Mayse WMA

In northwestern Lamar County, approximately 12 miles northwest of Paris, on F.M. 79 north off Loop 286. 903-884-3833.

Ray Roberts Lake/Isle Du Bois SP

In Denton County, on F.M. 455 between Pilot Point and Sanger, two miles east of the Ray Roberts Lake dam. 817-686-2148.

Richland Creek WMA

In Freestone and Navarro Counties, about 28 miles east of Corsicana, about 31 miles northwest of Palestine on U.S. Highway 287. 903-389-2216.

El Paso/ Big Bend Country

Barton Warnock Environmental Education Center

Located in Lajitas. Part of the Big Bend Ranch SNA. 915-424-3327.

Big Bend Ranch SNA

In Brewster and Presidio Counties, north of Lajitas on F.M. 170. 915-424-3327.

Davis Mountains SP

In Jeff Davis County, about 4 miles northwest of Fort Davis, via State Highway 118. 915-426-3337.

Devils River SNA

In Val Verde County, about 45 miles north of Del Rio and 22 miles off U.S. Highway 277. 210-395-2133.

Fort Worth/Cattle Country

Fossil Rim Wildlife Center

In Somervell County 60 miles southwest of the Dallas/Fort Worth metroplex. Just off Highway 67, approximately 3 miles southwest of Glen Rose. Turn south onto County Road 2008 at the Fossil Rim sign. Go 2 miles to the stonework entrance on the right. 817-897-2960.

Lake Arrowhead SP

Located about 20 miles southeast of Wichita Falls. From Highway 281, take F.M. 1954 for 8 miles. From Highway 287, take F.M. 2393 south for 8 miles. 817-528-2211.

Lake Brownwood SP

Take P.R. 15 (east) off Highway 279 and travel 5 miles to park entrance, then 1 mile to park headquarters. 915-784-5223.

Houston/Upper Gulf Coast

Atkinson Island WMA

Off Morgan's Point on the Houston Ship Channel; accessed by boat only. 409-736-2551.

Candy Cain Abshier WMA

In far southwestern Chambers County at Smith Point; from I.H. 10, take State Highway 61 south; turn south again on F.M. 562, go to Smith Point. 409-736-2551.

Jasper SFH

In Jasper County, west of Jasper on F.M. 1747; 1 mile from the intersection of Highway 63 and F.M. 1747. 409-384-2221.

Lower Neches WMA/Old River Unit

In Orange County, on southeastern city limits of Bridge City; off Old Ferry Road, surrounding Bailey's Fish Camp. 409-736-2551.

Mad Island WMA

In Matagorda County. Take Highway 35 west of Bay City approximately 12 miles to F.M. 1095. Turn south (left) on F.M. 1095, travel approximately 12 miles, where F.M. 1095 makes a sharp right turn. Proceed .8 mile past sharp turn, then turn left onto paved road with Mad Island WMA sign, proceed 3 miles to "T", turn left and proceed approximately 2 miles on unpaved road to gate. Pass through gate and follow signs for 3 miles to WMA and check station. 512-576-0022.

Continued on page 12

DRIVE ACROSS TEXAS

Martin Dies, Jr. SP/

Angelina Neches/Dam-B

In Jasper County, between Woodville and Jasper on U.S. Highway 190. 409-384-5231.

Peach Point WMA

In Brazoria County, 10 miles east of Brazoria or 8 miles west of Freeport on Highway 36, then 1 mile south to check station. 512-576-0022.

Rio Grande/Brush Country

Bentsen Rio-Grande Valley SP

In southwestern Hidalgo County near Mission, take U.S. Highway 83 to Mission, continue west to the exit on Inspiration road, travel 3 miles west on Business 83 to F.M. 2062. Continue south 3 miles to park entrance. 210-585-1107 or 210-585-0902.

Choke Canyon SP/Calliham Unit

In McMullen and Live Oak counties, about 70 miles south of San Antonio. On the north side of Highway 72, about 8 miles west of Three Rivers. 512-786-3868.

Choke Canyon SP/South Shore Unit

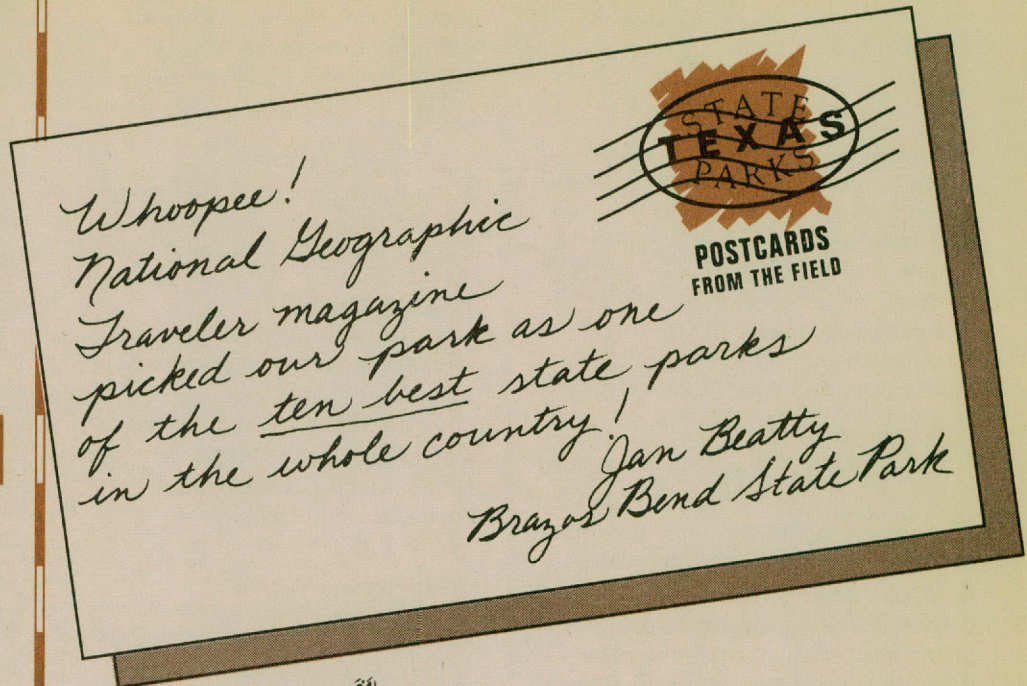
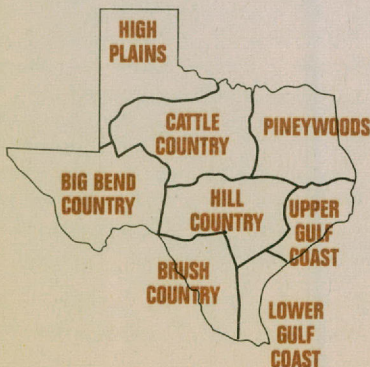
In Live Oak County about 70 miles south of San Antonio, off Highway 72, just west of Three Rivers. 512-786-3538.

Las Palomas WMA

Lower Rio Grande Valley Units
Twelve tracts located in Cameron, Hidalgo, Starr and Willacy Counties. 210-383-8982.

Penitas Unit

In southeastern Hidalgo County, 8 miles west of Mission and 2 miles southeast of LaJoya on the Old Military Road. 210-585-1107.



PASSPORT VALUESSM

Fossil Rim Wildlife Center

Texas Conservation Passport holders are qualified for discounts on entrance rates, overnight lodging and the three-day, two-night adventure at Fossil Rim Safari Camp. Call 817-897-2960 for details and a list of activities.

Longhorn Cavern State Park

With each current Conservation Passport you can purchase a Longhorn Cavern tour ticket for \$5, discounted from the regular \$6.50 price. For children age five through twelve, the ticket price is \$4 and children age four and under are free. Call 512-756-6976 for recorded information on times and tours.

Running 'R' Ranch

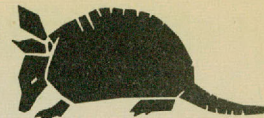
In Bandera. Offers Passport holders discounts on its horseback rides. When you take advantage of this special offer, you'll have the opportunity to explore the Hill Country SNA during your ride. For more information, call Charles "Doo" Robbins or Jo Cubbison at the ranch, 210-796-3984.

The Horse Stables

Enjoy a horseback ride and picnic every Saturday and Sunday at 9:30 a.m., 12:30 p.m. and 3:30 p.m. Guided cross country trip through remote areas of Pedernales Falls State Park. View 4800 acres of spectacular scenery from a high ridge. Passport holders get 10 percent discount. Reservations and deposits required. Mounts, picnic and guide provided. (View the art of horseshoeing the first Saturday of each month with picnic ride. Ask to be included in this session guided by farrier S. Heald). Call The Horse Stables reservation line at 512-479-9443 in Austin or 210-868-0314 in Johnson City.

Moonlight by horseback Friday and Saturday nights. Stargaze from a high ridge in remote area of Pedernales Falls State Park. Discounts for passport holders. Guide and mount provided. Reservations required through The Horse Stables at 512-479-9443 in Austin or 210-868-0314 in Johnson City.

SCHEDULE YOUR OWN OUTINGS



Atkinson Island WMA

Unvegetated beach areas.
No facilities. 409-736-2551.

Big Bend Ranch SNA

Conservation Passport required north of Highway 170 where hiking and backpacking are available. South of Highway 170, either the Conservation Passport or the daily entrance fee is acceptable. For information call the Barton Warnock Environmental Education Center. 915-424-3327.

Candy Cain Abshier WMA

Area primarily for bird watching and nature study. No facilities.
409-736-2551.

Colorado Bend SP

Wildlife viewing at baited area, predawn to noon or until dusk if others not waiting to use the blinds, additional fee, reservations available but not required, limited number of blinds make it necessary to only accept reservations in person at park headquarters, \$2 per person activity fee. 915-628-3240.

Davis Mountains SP

Experience back country hiking in the Davis Mountains, 8-10 mile trail climbs to a spectacular overlook with a 360° panorama, reservations not required. 915-426-3337.

Devils River SNA

Guided tour of archaeological pictograph sites and natural sites upon request, Fridays-Sundays, groups encouraged, primitive camping and bunkhouse lodging for 10 people and kitchen available. 210-395-2133.

Granger WMA

Approximately 35 miles of trails criss-cross the Blackland Prairie accessible by entering at TPWD registration boxes 1-7 around Granger Lake. Tall prairie grasses, fishing, and birding (see if you can spot a Ring-necked Pheasant) await the adventurous hiker and mountain biker. Pick up area maps at Corps of Engineers headquarters at the dam. 512-859-2668.

Gus Engeling WMA

Two interpretive walking nature trails. One driving wildlife demonstration tour is open throughout the year except during special permitted gun hunts. 903-928-2251.

Kickapoo Cavern SNA

Bird watching and nature tours upon request, primitive cavern tour by special arrangement, groups encouraged, bunkhouse lodging for 14 people and kitchen available, please make reservations at least one week in advance. 210-563-2342.

Las Palomas WMA/ Lower Rio Grande Valley Units

Units of Las Palomas open for birding or wildlife viewing on your own September 1 - April 30 are: Anacua, Baird, Carricitos, Longoria (west side only), Penitas and Taormina. No facilities.
210-383-8982.

Lower Neches WMA/ Bessie Heights Unit

Accessible by boat only. No facilities.
409-736-2551.

Richland Creek WMA

Six miles of driving and walking trails open except during special permitted gun hunts. Observe wading birds from shallow-water marsh compartments on the 4000-acre north unit. Between April and August there are no established facilities.
903-928-2251.

Walter Buck WMA

Activities coordinated through South Llano River SP. 915-446-3994.

Welder Flats Coastal Preserve

This area is entirely submerged land, so access is by boat. ALL shoreline area is privately owned and is NOT part of the preserve. Please do not trespass on private land and do not disturb the whooping cranes.
512-576-0022.



*Call ahead before visiting a
Wildlife Management Area!
We don't want to miss you and
we often leave our gates
locked. Come visit us for our
special events or on your own
but let us open the doors first!
The best time to catch a biologist
in an office is on a week-
day early in the morning
(8-9 a.m) or during lunch on-
account-of we work outside!*

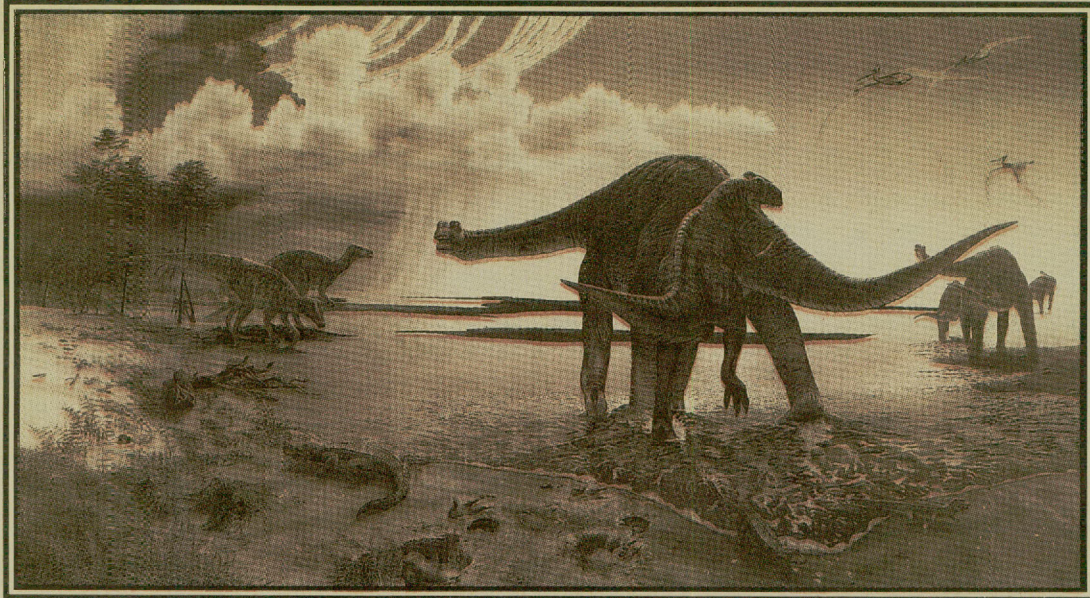


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Alpine	KVLF-AM 1240
Austin	KVET-AM 1300
Beaumont	KQHN-AM 1510
Beaumont	KQXY-FM 94.1
Beeville	KIBL-AM 1490
Beeville	KIBL-FM 104.9
Bowie	KRJT-AM 1410
Bowie	KRJT-FM 100.7
Dallas	KRLD-AM 1080
Eastland	KVMX-FM 96.7
Galveston	KGBC-AM 1540
Laredo	KLAR-AM 1300
Longview	KFRO-AM 1370
Lubbock	KFYO-AM 790
Marshall	KCUL-FM 92.3
Rockdale	KRXT-FM 98.5
San Antonio	WOAI-AM 760
Tyler	KTBB-AM 600
Texarkana	KCMC-AM 740
Waco	KRZI-AM 1580

MEAT-EATING DINOSAUR DOWNS VEGETARIAN IN NOLA'S POSTER



"When Dinosaurs Ruled in Texas"

Painting by Nola Montgomery

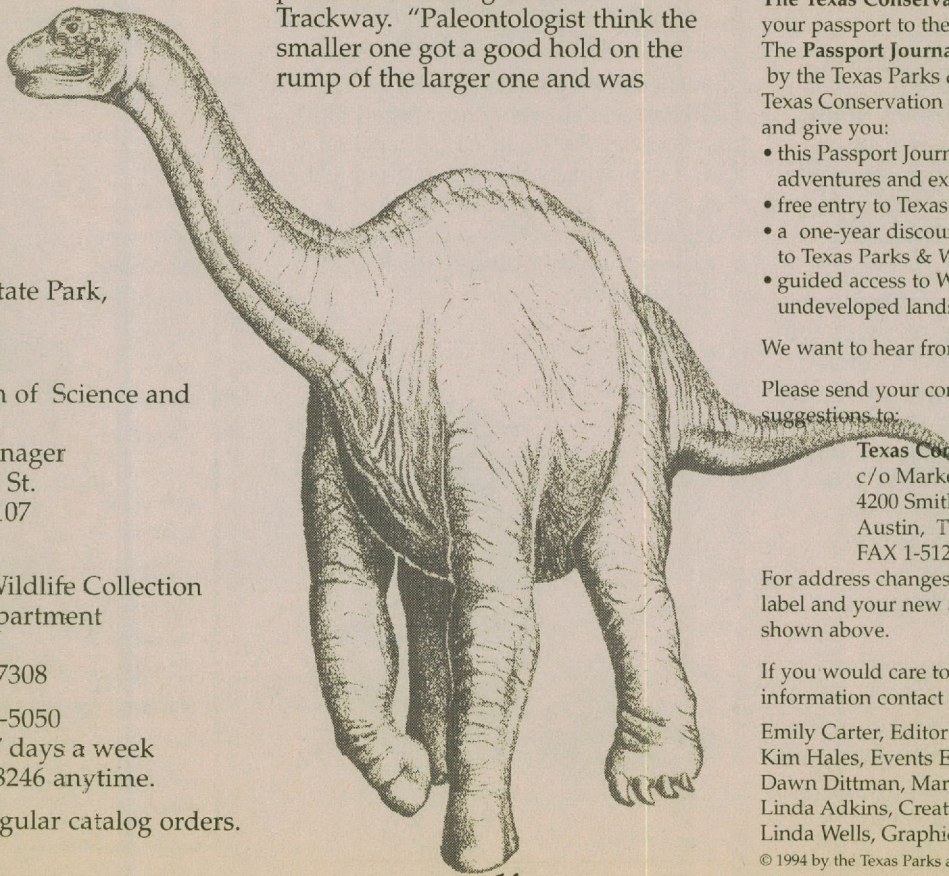
A large (2' X 3') poster in vibrant color with a high gloss finish. **\$12.95**

A meat-eating acrocanthosaurus with fierce teeth is attacking a giant plant-eating, pleurocoelus in Nola Montgomery's original oil painting. "My painting demonstrates the story paleontologists have read in the fossilized trackway at Dinosaur Valley State Park," Nola said.

The Paluxy River tracks dramatize an event that took place 135 million years ago. A three-toed theropod was following a herd of nine sauropods and when the sauropods changed direction the theropod followed, closing in on the larger animals. Then one of the three-toed prints was missing from the Trackway. "Paleontologists think the smaller one got a good hold on the rump of the larger one and was

literally pulled forward by sheer momentum, in other words forced to hop on one foot," Nola said.

Dinosaur Valley SP, about 60 miles southwest of Fort Worth, is located on FM 205 west of Glen Rose 817-897-4588.



Available from:
Dinosaur Valley State Park,
Glenrose, TX.
1-817-897-4588

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Ft. Worth, TX. 76107
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Emily Carter, Editor
Kim Hales, Events Editor
Dawn Dittman, Marketing Director
Linda Adkins, Creative Director
Linda Wells, Graphic Designer

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Cloud Forest Adventure

The Cloud Forest program is a joint venture between the Texas Parks and Wildlife Department and the Tamaulipas Secretariat of Social Development. It grew out of the Ecology Committee of the Eleventh U.S.-Mexico Border Governors' Conference. The border states are Texas, New Mexico, Arizona, California, Tamaulipas, Nuevo Leon, Coahuila, Chihuahua, Sonora and Baja California. The Cloud Forest adventure is a new kind of development - ecotourism. It is designed to sustain both the environmental destination and the small-scale economy of the local inhabitants.

HOW TO PARTICIPATE IN THE CLOUD FOREST ADVENTURE

- TCP holders receive a 10 percent discount. TCP price is \$750.
- Send reservation form and \$375 deposit by Oct. 3.
- Send \$450 balance by October 17 (\$375 for TCP holders).
- You will need a United State Passport or a birth certificate to obtain the free tourist permit at the border.
- You must be in good physical condition and sign a liability release. One day involves a strenuous hike from an elevation of 2600 to 4600 feet.
- You will need boots, a backpack, sun hat, rain poncho, bug spray, swimming suit and clothing suitable for 'roughing it' in temperatures between 40° and 90° F.

RESERVATION FORM - CLOUD FOREST ADVENTURE

YES! I want to go on the Cloud Forest adventure!

\$375 deposit to reserve my space is enclosed ()

I can't go this time, but I want to know about future trips ()

No credit cards. Personal checks and cashier's checks payable to:
Parks & Wildlife Foundation of Texas
%o Maria Araujo, International Affairs Coordinator
P.O. Box 17564, Austin, TX 78760

Texas Conservation Passport number to qualify for member discount: _____

Full Name: _____

Mailing Address: _____

City/State/Zip Code: _____

Home phone # () _____ Business phone # () _____

Reservations must be received by October 3, 1994. No refunds will be made but you may transfer your reservation to a third party.

ITINERARY

October 23 - 28

- Sunday** (2 meals included)
8:00 a.m. Depart McAllen by bus
Lunch stop at Lake Guerrero
5:30 p.m. Arrive in Gomez Farias
- Monday** (3 meals included)
Birdwatching and hiking
Rio Frio area
- Tuesday** (3 meals included)
7:30 a.m. Depart for El Cielo by bus
8:30 a.m. Arrive at Alta Cima
(elev. 2600 ft.)
9:00 a.m. Hike to Cloud Forest
3:00 p.m. Arrive at Canindo Station
(elev. 4600 ft.)
7:00 p.m. Dinner and program
- Wednesday** (3 meals included)
Birdwatching and hiking in
El Elefante and Arroyo areas
- Thursday** (2 meals included)
7 a.m. Depart for Cd. Victoria via
Jaumave
2:00 p.m. Lunch in Tula
6:00 p.m. Arrive Cd. Victoria
Shopping and dinner
on your own
- Friday** (meals on your own)
9:00 a.m. Visit Market
6:00 p.m. Arrive in McAllen



**For information on purchasing a
Texas Conservation Passport
call 1-800-792-1112
8 a.m.-5 p.m. Monday - Friday**



Glen Mills

El Ceilo Cloud Forest — a subtropical, mountainous terrain, cool and wet; tanagers, curassows, clay-colored robins, woodcreepers and black-headed orioles fly among the trees and the lush undergrowth of ferns and moss.

UNITED NATIONS BIOSPHERE RESERVE: EL CIELO

Cloud Forest Adventure

Tamaulipas, Mexico

Your Texas Conservation Passport takes you adventuring south of the border to the Sierra Madre! El Cielo, a naturalist's and birder's delight, includes four distinct eco-systems from a tropical jungle to a forest high in the mountains among the clouds. Meet your group leaders in McAllen and depart aboard a modern bus for Gomez Farias, a day's drive into Mexico. Bed & Breakfast lodging overnight. The next day a one-hour drive takes you to the jumping off

spot for your five-hour hike up to El Cielo: the 'heavenly sky biosphere.' Rustic cabins are provided at the reserve. Your \$825 fee covers transportation, meals, lodging and a donation to El Cielo research. Depart McAllen, Texas for this six-day, five-night trip. Oct, 23 - 28, reservations are required, contact Bentsen-Rio Grande SP 210-585-1107. See page 15 for itinerary, TCP discount and reservation form.

United Nations Educational,
Scientific and Cultural Organization

WHAT IS A BIOSPHERE?

Man and Biosphere Program

Biosphere means all living things in a special area...every living thing including big animals, small animals, birds, bees, insects, worms, lichen, trees, flowers, grass, water lilies and frogs. Think of it like a Noah's Ark on land...a biosphere reserve protects land, water, air and all the many life forms (biological diversity) that create a bountiful planet. The

United Nations, Man and Biosphere program, designates a few special locations for the program when member countries offer nominations to the general council. The host country retains full control of the biosphere. There are now about 311 biosphere reserves world wide...El Cielo is one of them.



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