

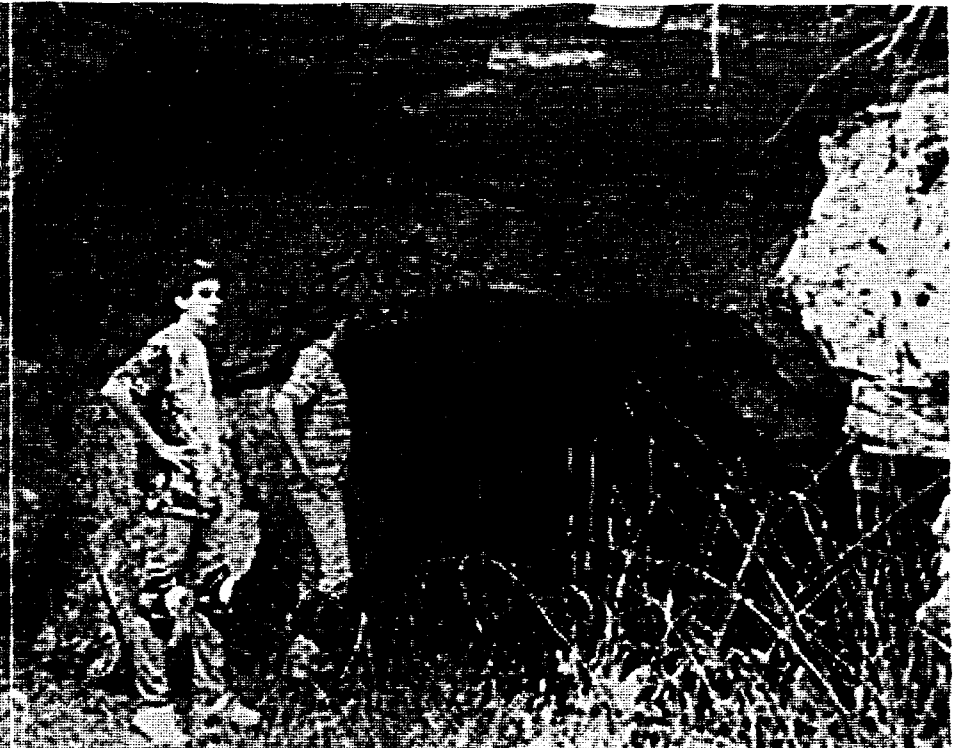


# THE MAVERICK BULL

THE MONTHLY NEWSLETTER OF  
THE MAVERICK GROTTO

Volume 7, Number 10

October 1993



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**The Maverick Bull** is the monthly newsletter of The Maverick Grotto, an internal organization of The National Speleological Society (NSS G-322). The editor invites all individuals and other grottos to submit articles, news, maps, cartoons, art and photographs. If the material is to be returned, a self-addressed stamped envelope should accompany it.

**Reprinting Articles:** Internal organizations of The National Speleological Society may reprint any item (unless copyrights belong to the author as stated in the byline) first appearing in *The Maverick Bull* if proper credit is given and a complete copy of the publication is delivered to the editor at the time of publication. Other organizations should contact the editor of *The Maverick Bull* at the address herein.

**Exchanges:** The Maverick Grotto will exchange newsletters with other grottos. Contact the editor.

**Complementary Newsletters:** The Maverick Grotto will provide complementary newsletters to persons or organizations that provide cave access (i.e. landowners) or otherwise provide assistance to cavers. The Maverick Grotto will provide one free issue to persons interested in becoming members.

**Subscription Rates:** Subscription rates are \$10.00 per year for members and non-members.

**Membership Policy:** Any individual with interests, beliefs and actions consistent with the purposes of The Maverick Grotto and The National Speleological Society is eligible for membership. Acceptance of new members is based on payment of dues and a mandatory three trip requirement with at least three different grotto

members. These three members shall act as sponsors. At least one sponsor must attend the meeting at which the membership vote is taken. A two-thirds majority vote of the members present will be required for acceptance.

**Meetings:** Meetings are held the second Tuesday of each month at Smokey's Ribs, 5300 E. Lancaster, Fort Worth. It is located less than one mile west of Loop 820 and next to K-Mart. The time is 7:00 P.M. and the food is good.

**Carbide:** Grotto carbide is available at the meeting on even numbered months. The carbide is free to all members and is sold to others at the price of fifty cents per pound. Anyone needing carbide at other times should contact Butch Fralia (817)346-2039 to arrange for pickup.

**Library:** Support your Grotto Library. • Russell Hill will be accepting books and magazines on cave related topics, copies of homemade cave videos, etc. for our library. We wish to thank Russell for his efforts each month to bring and set up the Grotto Library.

**Chairman:** Butch Fralia  
3412 Walton Ave.  
Fort Worth, Tx. 76133  
(817)346-2039

**Vice-Chairman:** Danny Sherrod  
3 Cobb Drive  
Joshua, Tx. 76058  
(817)295-5167

**Secretary/Editor:** Ernest Parker  
616 Nw. King  
Burleson, Tx. 76028  
(817)447-8344

**Treasurer:** Mark Porter  
513 Valley Park  
Garland, Tx. 75243  
(214)271-8147

**Cave Rescue:** Call collect (512)686-0234

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### Nominations

A reminder that October is the month the Grotto members nominate officers for the November election.

## MINUTES TO THE SEPTEMBER MEETING

Ernest Parker opened the meeting.

Three new visitors were present at the meeting: Donna Mosesman from Wichita Falls, Mark Whitehead, and Craig Henderson.

Donna Anderson discussed the River Styx Survey Project which will be held the last weekend of September, October, and November.

It was announced that the Colorado Bend Project will be every other month.

Treasurer, Mark Porter stated that our grotto has \$404.

A party at the M & W Ranch was discussed. It was moved and seconded to join DFW in a joint party on November 6. The motion passed.

A liner for the hot tub was discussed. The DFW grotto will be helping with \$50

to \$60 on the cost of replacing the liner. It was moved and seconded for the Maverick grotto to help with up to \$60. The motion passed.

Bruce Anderson announced that the NSS Convention Planning Committee and TCMA would be meeting at the Bamberger ranch near Johnson City on September 19th.

Russell Hill announced the trip to south Wales leaving on November 4th.

Jeanette Fortney applied for membership and was voted in. Welcome Jeanette.

The meeting was adjourned.

Bruce Anderson gave an excellent program on various caving lights.

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**\*\*MEETING\*\*MEETING\*\*MEETING\*\*MEETING\*\***  
**1994 NSS Convention Committee**  
**October 17, 1993, 9:00 a.m.**  
**Texas Cavers' Reunion, Wimberly, Texas**

The next meeting of the '94 Convention Committee will be held on Sunday morning (9:00 a.m.) at the Texas Cavers' Reunion near Wimberly on the Lone Man II Ranch. The Cavers Reunion is a three day event. You may come out Thursday evening and camp through Saturday night. Entry fee will be \$12. The Austin Lounge Lizards will play Saturday evening.

Directions:

From the intersection of RM 12 and RM 3237 on the east edge of Wimberly take RM 3237 six tenths of a mile. Turn right onto Flite Acres Rd (CR 173). At 2.5 miles turn right onto CR 174 and cross the Blanco over a low-water bridge. Follow CR 174 for 2.2 more miles and look for the signs and a registration tent on the left ahead.

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## 1994 CONVENTION COMMITTEE MINUTES

September 19, 1993

Ron Ralph opened the meeting. This was the first meeting since the Oregon convention. Ron stated that expenses are well in hand but committee heads need to send any receipts in promptly for payment. He also stated that no expenses can be encumbered unless approval is received first. He and Bruce Anderson went to Brackettville last week and met with Judge Ward, the newspaper editor, the banker, the restaurant food manager and the manager of Fort Clark Springs, Pete Cook.

It was moved and seconded to approve the minutes of the last meeting as published in various grotto newsletters. The motion passed.

Bruce Anderson gave the treasurer's report. The balance is \$1,762.32. New registration forms have been printed with the credit card information included. The

NSS will stamp the old registrations which they have with the credit card information. Seventeen pre-registrations have been received. Bruce stated that postage is really up from previous conventions because of the different geographical locations of our committee members. Receipts for any expenses need to be turned in within 30 days. A motion was made and seconded to accept the treasurer's report. The motion passed. A motion was made and seconded to set up a bank account in Brackettville. The motion passed.

Bill Elliott gave a report for Rune Burnett, the Texas Parks and Wildlife liaison. Devil's Sinkhole will be made available. We will

need to have a Pit Master who will be in charge and responsible for safety regarding ropes, equipment and techniques used. Radio communication will be used. We may be able to have around 40 people in the cave at one time. Some dangerous areas at the top may need to be fenced off.

Gill Ediger, the international liaison, will be sending a letter in Spanish to the Mexican caving community. Bill Elliott mentioned that he wants information on the Mexico trips for the guidebook.

Blake Harrison, Campground Committee Chairman, was not present. The Highway Department will be making another entrance onto Fort Clark Springs. It was stated that we will need security at that entrance. Pete Strickland stated that the showers will cost under \$2,000 to construct. He asked when he could start buying some of the materials needed. Treasurer, Bruce Anderson, stated that whenever he starts getting more pre-registration money, then he could turn over some money for materials.

Mike Walsh reported on the Howdy Party. 17 kegs of beer were consumed at the Oregon convention. Dust was a problem during the dance. He would like for all those who want to volunteer to help with the Howdy Party to attend a meeting which will be held at Old Timers. He still needs volunteers to go listen to various bands. The committee then voted to go with Coke versus Pepsi for the soft drinks at the Howdy Party. We will only have to pay for what we use but they will have extra there just in case our estimate of what we need is too low. Fort Clark Springs is willing to sell us beer at a wholesale price, deliver it to Happy Shahans, and their permit for alcoholic beverages could be used. The committee voted to go with Shiner and Shiner Boch first and second choice was Lonestar. Prices will need to be determined. Ron stated that Charlie Loving said that the Old Timers could do the food for \$5 per person. Chamber of Commerce said they could do Bar-B-Q for \$4 per person. Cactus Jack restaurant said they could do Mexican food for \$4 per person. There was also talk of having a Chili Cook-off between about three grottos.

Chairman of the Publicity Committee, Mike Anderson, gave his report. He stated that an article on accommodations at Brackettville had been sent by Jay Jorden to the NSS newsletter for their October issue. The December issue will cover any points of interest or good restaurants on the way to the convention. Val Hildreth is condensing the slide show to one tray for check out by grottos. She is also working on a video. The Brackettville local newspaper has their paper printed in Del Rio, therefore, we may have to have our conventiongram printed there

also. Noble Stidham offered his 1250 copy machine for use during the convention. However, he will not be able to transport it so we will need someone to pick it up and return it to him. It was suggested that perhaps we can FAX the conventiongram to Del Rio for printing and then perhaps it could be put on a bus back to us. The Chamber of Commerce will be setting up a presentation in March about our convention. This may help land owners to be more willing to open their caves. The May NSS issue will be about caves. Bill Elliott, who is doing the guidebook, will coordinate with Mike and Jay. George Veni stated that he has written some official letters of invitation as there are some cavers in Switzerland, Brazil, Italy and Cuba who would like to attend.

Donna Anderson, Caving Committee Chairman, gave a report on the cave situation. Pre and post trips are going along smoothly. Many individuals are now working on contacting land owners for caves during the week of convention. It was discussed that the Civic Center would be a good place for cave trips to leave from as there is plenty of room for cars.

Special Events Chairman, Barbe Barker gave her report. She would like all Texas cavers to be collecting Texas types of things for the auction as it will enhance the Texas atmosphere. She will be looking at the parking available at Green Cave for the bat flight to determine whether buses, individual vehicles, or a combination of both can be used. The Devil's Sinkhole bat flight could also be watched by those caving there that day or others who wanted to drive out to see it. A vehicle with high ground clearance is needed. Barbe stated that Oregon had a cave ballad sing-a-long. JSS was also there. The Teen Center at Fort Clark Springs could be used as a central place for the kids to meet. JSS will be assisting Dave McClung with the speleolympics next year. They helped with it in Oregon this year. Other ideas for special events include cow patty throwing contest, chili cookoff, watermelon spitting contest, country-western dance lessons, and armadillo races.

Bob Cowell, Health & Safety Committee Chairman, reported on his committee. Plans are going the same. During convention, they will be on the the radio and will be available 24 hours a day. Bob talked with Pete Cook in Brackettville about getting a bank of phones. He will also check about getting a phone at registration. He has passes for staff members that need them between now and convention and during convention to drive their vehicle onto the Fort. Golf carts and bicycles can be used by staff during convention to cut down on traffic.

Chairman of the Guidebook Committee, Bill Elliott, made his report. He needs a

photo editor to solicit photos from Texas cavers. George Veni has written material about many of the show caves and also Honey Creek, Green, Montgomery, and Devil's Sinkhole.

Bill Mixon, Chairman of the Sessions Committee, reported that there will be two photo sessions Thursday night. One at 6:30 to 8:00 and another at 9:30 to 11:00. There may be a 3 hour poster session (like a science fair) for equipment techniques, geology, and biology. Bill has written a call for papers for the NSS News. He has written a letter that will be sent to the session chairmen. He has a new draft schedule of the sessions. There was discussion about an archeological symposium for invited papers. If any committee head has space requirements, let Bill know.

Facilities Chairman, Bill Steele, gave his report. The old teen center will be available for our use. Previously, Fort Clark Springs had considered converting it into motel rooms. Mike Walsh stated that extra bleachers might be put in the amphitheater by the historical society. They are putting on a play on Sunday night.

Noble Stidham, Vendor Committee Chairman, reported that Ron Ralph had handed out vendor packets in Oregon. Packets were mailed to vendors who were not at the convention. Gill Ediger will be working with Noble on electricity for the vendors. About \$200 worth of equipment will be needed. Gill will check in the NSS trailer for any equipment which can be used.

Waltz Across Texas Chairman, George Veni, stated that he felt that the scenic tour needs to be clarified in the NSS News as to what is included in that trip. He has contacted several people well versed in geology to be on the various geology buses so that all the buses will have informative tour leaders. As soon as the road logs for the trips are determined, he will be able to get an exact price for the buses. George has just finished a rough draft of the geology field trip.

Cathy Winfrey, Chairman of Registration, reported on her committee. She has built a data base for registration information needed. She has received 28 registrations. As it is her responsibility to xerox the registration forms as they come in, she has need of a copy machine. It was moved and seconded to purchase a used copy machine for around \$600 which would later be bought after the convention by Gill Ediger and a few other people providing the machine was still in good condition. The motion passed. Gill stated that we can get a service policy for \$30 a month. Without it, if something goes wrong with the machine, it would cost \$75 an hour for a repairman.

At previous meetings, we had discussed using the large frame tent that is used at TSA and at Old Timers. Gill Ediger brought up the discussion that the top needs to be replaced on the frame. It is a 20 by 40 foot frame. Makeshift tops have been made by sewing together some plastic tarps but they do not last very long. He was quoted a price of \$2300 for replacing the tarp with vinyl sandwiched over an acrylic fabric. Another price of \$1600 was obtained by Ron. A motion was made that there could be a three way split on the cost between the convention (using the honorarium and rental fee), TSA, and TCMA. The motion was tabled until exact cost could be pinned down and availability of free tents from the national guard could be checked into.

Ron Ralph stated that he drove the NSS trailer from Oregon back to Texas. It blew a tire on the way. It was overloaded and is in poor condition. It is a 4 x 8, 150 cubic foot closed trailer. Ron stated he would like to replace the trailer as it has been outgrown by the NSS. Someone stated that U-Haul has donated old trailers to Boy Scouts in the past. Bob Cowell will check into this.

Ron stated that he has written to a Buffalo Soldier. They do a presentation, one on a horse, and one on foot for \$100 for 2 days. The committee decided it would be good to have them circulating at the opening ceremony. Bob Cowell also stated there were some old soldiers at Fort Clark who might like to join them.

Bill Steele said the Devil's Sinkhole commercial film and the person responsible for making the film is available for a presentation. The committee felt this would be very good - perhaps at the banquet or one night in the amphitheater.

George Veni said international cavers may need camping gear as they will be flying in and will not be able to bring much gear. He suggested that anyone having extra tents, sleeping bags etc. loan them to staff and they could be kept at the registration area until needed. Items should be well marked so they can be returned.

A packet mail-out volunteer is needed to coordinate with the Chamber of Commerce at Brackettville, Del Rio, and Uvalde. That person will need to convince the Chambers of Commerce to foot the bill by purchasing packets and stamps to send out to the principal registrants with show cave information, map of Texas, requirements for entering Mexico etc. Martha volunteered to do this.

It was suggested that all grottos could put Convention registration forms in their newsletters. The earlier we get registrations, the earlier we will have money to work with.

The October NSS Convention Committee meeting will be held on October 17th at

at Old Timers. In November we will need a work session at Brackettville. Ron will check with Fort Clark Springs to see if we can have use of the NCOA building for sleeping and eating during a work session November 11, 12, 13, and 14th. Veterans Day is on Thursday, November 11 and some people will be off that day. Volunteers may come for all 4 days or for just 1, 2, or 3 days. At Old Timers we will need a

handout available to let volunteers know what equipment will be needed for the November work trip. We will decide later on whether we will have a December meeting. We will try to have a meeting at the TSA winter meeting. The meeting was adjourned.

Submitted by Donna Anderson  
Convention Committee Secretary

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## GUIDED TOURS AT CBSP!!! by Butch Fralia

Sometime in the spring of 1993, someone at TPWD had a clever idea and decided it was time to bring public attention to the Colorado Bend State Park caves. They proposed a series of guided tours for TPWD Conservation Passport holders. The legal department worked up a liability release to cover all the bases and approved the project. TPWD proposed the idea to volunteer cavers and asked them to provide the tours. Cavers reviewed the release forms and made a few modifications to include themselves on the liability release then agreed to participate.

Lawyers love words and use them freely though carefully. The original release seemed to list by name every bone in the human body as potentially breakable during a caving excursion. Prudent editing shortened it down to warn that any bone in the body is subject to potential breakage. Fortunately no one thought to research all the diseases attributed to caving.

TPWD announced the tour availability in the quarterly Conservation Passport Magazine. The May 1993, Texas Parks & Wildlife Magazine carried an article about Colorado Bend State Park. It included beautiful pictures of the waterfall and other sites on the park. A second article talked extensively about caves on the property. The author called me for an interview then misquoted me in the article. To unhinge my twenty seconds of fame, my name got misspelled which wasn't all bad considering.

The response to the project was amazing! Tour schedules were one weekend a month in June, July and August. At the time of the first tour, the park had all the tours through August booked. Enough people were on standby to fill each tour even if people with guaranteed reservations didn't show. When the TPWD Magazine came out, there were forty calls to the park by 10:00 a.m. the following morning. A response of ten calls during the week following an article is considered a good response.

The plan called for two tours a day. The first tour beginning at 9:00 a.m. and

the second at 1:00 p.m. The caves were Dynamite, Turtle Shell, and Lemons Ranch Cave. The tour included interpretive talks, public education and caver style climbing and crawling. People who had energy left, had the opportunity of an evening trip to Gorman Cave.

At the beginning of each tour, participants had to sign the release form and received an information brochure. Rune Burnett was on each tour as TPWD representative and told the tourist that the intent of the tour was to: have a safe trip, learn, and have a great time. He explained the potential hazards and made sure that everyone understood that it would be strenuous, potentially dangerous and that anyone could back out at any time. Rune made every tourist understand they would experience truly wild caving. He asked each tourist if they were told of the hazards and equipment requirements when they made reservations. Most were properly informed though a few were not.

A few people abandoned the tour before it began but there was always a standby handy to fill their slot. A few people dropped out along the way but most people who began the tour did all three caves. At the end of the tours, everyone gave it rave reviews. Some said they wouldn't do it again but were glad they came. Others expressed interest in returning for any future tours.

Everyone starting the tour went into Dynamite Cave. It has an easy entrance though the "stair steps" down are a bit far apart. There is a large harvestman population around the entrance to give everyone the chance to exercise their primal fear of spiders. The nature of harvestman was part of the educational talk. Harvestmen are arachnid's because they have eight legs but as all cavers hopefully know, they are not poisonous. Inside the cave are many varieties of formations for people to see. There are bones of animals that died on the surface and washed into the cave. A baby buzzard "impressed" visitors during the June and July trips. During the August trip, a large orange and black centipede made



it's debut in the cave. This is a good cave for public education. It is easy to enter and has critters and formations.

The second cave on the tour was Turtle Shell. This cave has two entrances that require climbing. It is close to the volunteer campsite and cavers often send their kids over to play in it and get them out of their hair. It has been the first cave for many people who made their first caving trip on the CBSP project. Most cavers don't think of this cave as anything special. For people who have never been in a cave, it is a delight. There were complaints about getting in and out but some folks were proud of themselves for making it. A few people on the first tour of the season opted out at this point. Two seventy year old men did the cave but decided they would pass on Lemon's Ranch Cave if it was going to be more strenuous. Turtle Shell is a good example of a recharge cave with a stream passage running to a twenty foot pit. The pit has small fractures at the bottom taking water down to the water table. It offers educational opportunities for people to see first hand the role of caves in the environment.

The coup de grace was Lemon's Ranch Cave. There is a ten foot climb at the entrance and a fifty foot belly crawl to get back to the back of the cave. It takes a bit of effort to work your way from the entrance to the belly crawl. It's worth the crawl to see the soda straws and a few living formations. Guides were posted at the climb and crawl to assist visitors and stave off any panic attacks. The crawl wasn't the favorite part of the cave but everyone made it through without incident. During June and July, there was bad air in the cave. Area rainfall during early August flushed the CO<sub>2</sub>, making it a more

pleasant experience. This is another cave that cavers give little consideration to but to the tourists it was a high adventure experience.

There was one incident in Lemon's Ranch Cave that could have been disastrous but luck was on the side of cave touring that day. About ten feet below the entrance is a ledge. To get off the ledge, into the cave, the visitor goes to the end, sits down and steps down about three feet to the floor. On the way out, one lady had particularly muddy shoes and slipped off the ledge where it drops about six feet to the floor. Two guys below caught her braking the fall. The tour guides understood the potential of what could have happened more so than the visitors. The lady decided she wanted some better climbing shoes to try it again sometime.

A few energetic people took advantage of the night tour of Gorman Cave. Most were to tired after the day's adventure. The first weekend saw more tour guides than tourists. Finding the way back on the hiking trail after dark made an interesting experience the first time. The first returning group startled a black tail rattler. An observer would have enjoyed trying to decide who moved the quickest, the tourist and guides or the rattler.

Being a tour guide is a rewarding experience. I find that having caved for a few years, there are many things I take for granted. To the non-caver what I take for granted are awe inspiring things to see. The three caves selected for tours wouldn't be on an experienced caver's list for an exciting caving weekend. For those who have never done it before, these are exciting and interesting caves. It was mutually beneficial for cavers and tourists alike. We each saw the caves through the other's eyes.

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### What Happened?????? by Butch Fralia

Gosh what happened? All of sudden it's October. The caving year is sort of starting and sort of ending! It's time for Old Timer's and it's time for Colorado Bend to start back up. It's time to start thinking about that Thanksgiving or Christmas holiday trip. The fall joint party is scheduled for the first weekend in November. Soon we'll be figuring out where we can have a Christmas party and give the white elephant gifts a new home! It's time to think about electing officers again. Time does go by fast when you're having fun (we are having fun aren't we?)!

We've had some good meetings this year but the last couple of meetings have been strange for me. One I missed and the

other almost everyone else missed (or did they)?

The site of August meeting was confused because the newsletter came out stating that the meeting would be at Wet 'n Wild. We decided at the July meeting it wouldn't be feasible because no one had time to set it up. Before the August meeting Ernie Parker and I got together to scan cover pictures for the August newsletter. Ernie didn't attend the July meeting and wanted my notes! We got so involved in scanning that we both forgot the notes! When my newsletter came in the mail, there it was! The August meeting will be held at Wet 'n Wild. I intended to call as many people as I could and let them know that Wet 'n Wild was out. I

started a work binge and forgot the matter until meeting day. A couple of people called before the meeting asking where it would be held. The few of us who attended, sat around munching barbecue wondering how many people were in Arlington going down the big water slide. I still haven't heard if anyone made it to Wet 'n Wild or not!

On the second Tuesday of September I had an equipment failure at work. I was busy performing miracles and shortly after 7:00 p.m. I thought maybe I could go home soon. I suddenly "enjoyed" one of those flashes of insight and realized it's Grotto meeting night! You'd think in a big company there would be telephone books all over the place. Not so, if you need one! I finally found the elusive book, called Smokey's and got Donna Anderson. She said there was a nice crowd there! About fifteen people waiting for another exciting meeting of The Maverick Grotto! "We haven't had this many people in months!" says Donna. "Woe is me!" said I!

I imagined all those people storming the company parking lot carrying a lynch rope! I'm going to get a bad attendance record! This makes the third Grotto meeting I've missed since it started in 1986! Fortunately Mark Porter and Ernie Parker were both present to save the day! I told Donna that Danny Sherrod had called saying he couldn't make the meeting and didn't have a program. He'd asked me if I could get someone. Donna said Bruce had all the stuff for his program on the care and feeding of cave lights. He forgot if he was supposed to give his program at the September or October meeting and brought it just in case. I assured Donna that September was the meeting for sure! Funny how things work out sometimes! Not long after that,

I had my equipment running and took my tired body home!

I hear that Ernie did real well chairing the meeting and Bruce put on a good program. The fall party got scheduled and we're even contributing \$50.00 toward a new hot tub liner. I haven't heard who will cook or any party details other than a question about whether the M&W ranch is still available. Al Rehfeld has some relatives(?) with property in the area and we may be able to hold the party there. Seems like things got on pretty well without me so I don't feel too bad about missing the meeting but I'll try to do better next time.

The Grotto had some pretty good programs this year. I particularly enjoyed the July meeting when Steve Smith talked about the La Buena Vida Vineyards and brought some of his wares to sample. Later, I went out to the tasting place on the Jacksboro Highway and sampled some more. I bought some Mead and learned to make a real tasty baste for chicken out of it. Mix some mustard, brown sugar and Mead into a bowl and brush it on and it's great! Other good programs were Greg Mooty's February presentation on cave diving. In March, Russell Hill entertained us with slides of the trip to the British Isles and in April, Barbe Barker McClung followed up with the rest of the trip. Somewhere in there, Ernie Parker put on another knot tying session and that's always a good program.

What happened to 1993, it was a pretty good year but gosh! It sure did go by fast. There are a few things left to do but before we know it, it's going to be 1994.

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### New Member

Maverick Grotto voted in a new member at the September meeting: Jeanette Fortney. Jeanette has been to Fort Stanton with Donna and Bruce Anderson, Hidden Cave with Don Metzener, Black Cave with Chad Fenner, Mystic Cave with Greg Mooty, Cottonwood with Don Metzner and South Cave with Dave Milhollon. She has also taken Ernie's 32 hour rappelling course. You can contact her at (214)341-9018. Welcome to the grotto Jeanette!



## Calendar of Events

- October 15-17, Texas Old Timers Reunion, Wimberly, Texas.** Contact Gil Ediger at (512)441-0050.
- October 22-24, Powell's Cave.** Texas' second longest cave resurvey work. Dry cave but wetsuited cavers are needed to work stream passage. Lots of digging leads. Something for everyone! Contact Terry Holsinger at (512)443-4241.
- October 24-26, Cave Conservation/Restoration Workshop, Carlsbad Caverns National Park.** Contact Pat Jablonsky, Denver Museum of Natyral History, DES, 2001 Colorado Blvd., Denver Co. 80205, (303)370-6473.
- October 24-29, Lint Pickers 6th Annual Camp, Carlsbad Caverns National Park.** Contact Pat Jablonsky, Denver Museum of Natural History, DES, 2001 Colorado Blvd., Denver CO. 80205, (303)370-6473.
- October 27-30, National Cave Management Symposium, Carlsbad, New Mexico.** Contact Dale Pate (505)785-2232, ext. 26.
- October 30-31, River Styx resurvey and work trip.** Contact Bruce or Donna Anderson at (817)246-6313.
- November 6, Rites of Fall Party, sponsored by DFW and Maverick Grottos.** Details pending.
- November 12-14, Intro to Confined Space.** University of Texas Health and Science Center. For information contact Vicky Smith at (area code?)614-6074.
- November 19-21, National Association For Cave Diving Symposium, "Progress 93".** Contact Dave Milhollin, P.O. Box 595004, Miami, Fl. 33159-5004.
- November 24-28, Carlsbad Caverns National Park, Thanksgiving Day Expedition.** CRF project. Contact Dick Desjardins (505)344-7053.
- November 25-27, Slaughter Canyon trip.** Corkscrew, Helen's, Lake. Goat and Ogle Caves. Contact Oren Tranbarger at (210)349-5573.
- November 27-28, River Styx resurvey and work trip.** Contact Bruce or Donna Anderson at (817)246-6313.
- December 10-12, Colorado Bend State Park Project.** Contact Butch Fralia (817)346-2039 or Ed Young (214)262-8188.
- December 18-19, Carlsbad Caverns National Park, Pre-Christmas Expedition.** CRF project. Contact Dick Desjardins (505)344-7053.
- December 27, 1993-January 3, 1994, Karst Geoarchaeology Of The Yucatan, Mexico.** Study of caves and karst and their effects on Mayan culture. Originates at Cancun, extending throughout the Yucatan Peninsula, visiting caves, cenotes and Maya sites. Travel arrangements need to be made by Oct. 1st due to holiday traffic. Contact Dr. Nick Crawford, Center for Cave and Karst Studies, Dept. of Geography and Geology, Western Kentucky University, Bowling Green, Kentucky 42101, (502)745-4555.
- January 27-30, Precipicio, Bistamante, Mexico.** Another assault on Precipicio. If you are vertically qualified contact Oren Tranbarger at (210)349-5573.
- February 11-13, Colorado Bend State Park Project.** Contact Butch Fralia (817)346-2039, or Ed Young (214)262-8188.
- April 8-10, Colorado Bend State Park Project.** Contact Butch Fralia (817)346-2039, or Ed Young (214) 262-8188.
- June 20-24, 1994, NSS National Convention, Fort Clark Springs, Brackettville, Texas.** Contact Ron Ralph (817)246-4837 or Jay Jordan (214)398)9272.
- July 16-23, 1994, NCRC Seminar 1994, Cave Rescue Operations and Management, Bristol, Va.** Contact Nancy Chrimes at P.O. Box 560, Troutville, Va. 24175 or (703)992-3665.
- August,28-September,2 1994, International Symposium of Biospeleology of the Societe de Biospeologie, Florence, Italy.** Contact Dr. Guiseppe Messana, Ce.S.F.E.T., via Romana 17, 1-50125 Firenze, Italy, (39) 55 222389, FAX (39) 55 222565.
- November 4-11, 1994, 7th International Symposium on Vulcanospeleology, La Palma, Canary Islands, Spain.** USA contact: William R. Halliday, IUS Working Group on Volcanic Caves, 6530 Cornwall Ct. Nashville, Tn. 37205, (615)352-9204, FAX (615)385-0491.

Maverick Grotto  
616 Nw. King  
Burleson, Tx. 76028

