

# ROCK-N-ROSE



THE EAST TEXAS GEM & MINERAL SOCIETY NEWSLETTER

PAGE 1

VOLUME 45

TYLER, TEXAS

ISSUE 11

NOVEMBER 2019

## Upcoming Events

NOVEMBER 23-24  
DALLAS G&MS  
MESQUITE RODEO CTR.  
MESQUITE, TX

DECEMBER 2  
EAST TEXAS G&MS  
CHRISTMAS PARTY  
ETGMS CLUBHOUSE

DECEMBER 14-15  
DERIDDER G&MS  
276 H.M. STEVENS BLVD.  
LEEVILLE, LA

JANUARY 24-26  
EAST TEXAS G&MS  
24<sup>th</sup> ANNUAL SHOW  
ROSE GARDEN CENTER  
TYLER, TX

FREDERICKSBURG  
ROCKHOUNDS  
LADY BIRD JOHNSON PK.  
FREDERICKSBURG, TX

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## President's Message

Welcome to all of our new members!

I hope you find the newsletter as interesting as I do. A few things to remember, next month's meeting is when we vote for the club officers. If you are interested in running for any of the officer and sitting board member positions, or would like to make nominations, please let myself, any of the current board members, or one of the club officers know. We still have spots on the sign-up sheets for our Annual Gem and Mineral Show in January. Also, please check out our website, Margaret has really been working hard to make it a premier go-to place for information on the club. The next meeting is our annual Christmas Party. We will have a short business meeting, followed with the party and gift exchange and refreshments. Please bring a wrapped gift, preferably related to club activities, priced around the \$10 value range. We will explain the rules for the gift exchange game before we start. It is always lots of fun! If you wish to bring something for the refreshments, please feel free to do so. Don't forget to send your articles and pictures to the newsletter editor (Kinney Polve).

Have a safe Thanksgiving holiday!

Fred Mahaffey



## CAST YOUR VOTE

Yes, it's election time. We will be electing new officers and board members at the December 2<sup>nd</sup> meeting. Make sure you attend, as Fred Mahaffey says, "If you're not there, you might just get voted into an office."

## MEETING MINUTES

The East Texas Gem & Mineral Society met for its monthly meeting on November 4, 2019. President Fred Mahaffey called the meeting to order at 6:45 pm and asked the guest to introduce herself. Fred asked for a motion to approve the minutes as they appeared in the newsletter. Kinney Polve made the motion, Zachary Weenink seconded, and the motion carried. Treasurer Marcia Graham gave her report on the bank accounts and the earnings from the last two events: Live auction – \$970 and Bergfeld Park - \$978.13.

### Announcements:

- Kinney Polve reported that no annual shows would be affected by the proposed construction of the buildings around the Rose Center, though there might be construction in the area.
- The December 2<sup>nd</sup> meeting will be the election of officers and board members and the annual Christmas party.
- Lapidary sub-group – Terry Roberts reported there would be no meeting in November and December due to the holidays.
- Mineral sub-group – Charles Creekmur reported that there would be no November meeting, but said the Dallas club will have their annual show at the Mesquite Rodeo grounds on November 23<sup>rd</sup>-24<sup>th</sup>.
- Gem sub-group – There was no leader present.
- Fossil sub-group – The next meeting is Tuesday, November 19<sup>th</sup> at 6:30 pm. David Russ said the meeting would be about Texas dinosaurs, known trackways, and paleogeography. The western interior seaway rose and subsided at different times over several geologic epochs. Triassic and Jurassic dinosaurs will be discussed and the location of some of the formations around the state. The track ways at Glen Rose aren't the only ones in Texas.
- Margaret Kilanski made up a Fossil page on the website with pictures and notes sent by David Russ.
- Field trip: David Russ has one in mind to Beavers Bend, Oklahoma. It would probably be overnight. There is old material exposed in the Beavers Bend uplift. The Museum of the Red River at Idabel would be a side trip. Last year it was renovated to house an Acrocantosaur casting (original in North Carolina) that was found in the 1990's. The trip would occur in January or February 2020. He is thinking about renting a van, going to the museum,

the lodge, and a tour of the uplift. He'd also like to get specimens of the exposed rock.

### New business:

- Fred read a letter from AFMS acknowledging receipt of a check for \$100 in the name of Ronny Jerger.
- Rockhound of the Month for October went to Margaret, but she is not qualified as she has already received it this year. Fred needs nominations.
- Sheets are on the front table for signing up for spots at the show. There is also a sheet for display case sign-up.
- It is time for the renewal of memberships.
- David Russ took the position of School Day Coordinator.
- Randy Harmon asked about the rule on members bidding on silent auction items at the show. Answer: If you want to bid, you can't appear to be on duty. Take off your vest or other identification. You can have someone else bid for you also.
- Sherry Breedlove made a motion to increase the door prize tickets from 25 cents to 50 cents each, Pete Keiser seconded, and the motion carried.

### Old business:

- Newsletter articles are requested.

With no further business to discuss, Fred asked for a motion to close the business meeting. Sherry Breedlove made the motion, Zach Weenink seconded, and the motion carried.

The program was presented by Zach on his and Melissa Weenink's wins at Mt. Ida, Arkansas. Fred gave examples of stands for use in display cases and ways to dress up the displays for the show.

Submitted by  
Julia Toombs, Secretary



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
November 17	18	19 Fossil Group 6:30 pm	20	21 Gemology Group 6:30 pm	22	23 Dallas G&MS Show
24 Dallas G&MS Show	25	26	27	28 Thanksgiving	29	30
December 1	2 Monthly Meeting 6:45 pm Christmas Party	3	4	5	6	7
8	9	10 Mineral Group Meeting 6:30 pm	11	12	13	14 No Lapidary Group Meeting Scheduled
15	16	17 Fossil Group 6:30 pm	18	19 Gemology Group 6:30 pm	20	21
22	23	24	25 Christmas	26	27	28

## Christmas Party

We will have our annual Christmas party and gift exchange at the December 2<sup>nd</sup> meeting. It's always a great time, good food and lots of fun. Let me tell our new members a little bit about the gift exchange. Everyone attending the meeting brings a wrapped gift. It really needs to be club related, but that doesn't always happen. We usually stay in the \$10 - \$20-dollar range, but that doesn't usually happen either.

What does happen is that we all draw numbers, and the member who drew the number one starts things off. They will pick a gift, unwrap it and show it to everyone. Now, the member with number two has the option to steal that gift or unwrap another. If the gift gets stolen, the member whose gift was stolen gets to choose another, or may steal one from someone else. If your gift is stolen, you can't steal it right back. Also, once a gift has been stolen twice, it can't be stolen again. Once the last number is drawn, the member with number one has the option to steal a gift. Nobody is safe; not young or old. Come to the meeting and join us. Oh, I almost forgot to tell you to bring some goodies. It's not a party without the goodies.

### A Cry for Help

By Kinney Polve

There once was a newsletter editor for ETGMS.  
He wanted their newsletter to be the best.  
He called for submissions,  
But very few members listened.  
So how will it be better than the rest?

### A Look into the Past

by Julia Toombs

I love reading the old newsletters because of all the interesting bits of news. The first is fossil-related and was reported by Dr. James Hagadorn, a scientist at the California Institute of Technology and co-author of an article reporting the find in the February 17, 2002, issue of the journal *Geology*. The basic information is accurate; there is a little artistic license to avoid plagiarism. It is entitled "Jelly Turned to Rock."

Imagine you are on a dig in Wisconsin, and you find circular impressions left in 500-million-year-old sandstone. Some measure up to a meter across, representing the largest finds of their kind in the fossil record. Perhaps the jellyfish were already dead when they came ashore and were then quickly covered by sand. They were not just large for the Cambrian but the largest in the entire record and were among the largest two types of predators in the Cambrian. Wisconsin is thought to have had a tropical environment and was most likely covered by a shallow inland sea.

Dr. Hagadorn and his colleagues believe the jellyfish were preserved because of a lack of erosion from seawater and wind, the lack of scavengers, and the lack of sediment disturbance. Scientists use fossils to assess the diversity and ecology of ancient communities. Most of the information about the tropic structure of the Cambrian is based on animals with hard parts or on these exceptional soft-bodied organisms. This is an opportunity to study these animals. (As a footnote, there is a photo (plate 4) in Charles E. Finsley's book *A Field Guide to Fossils of Texas* of jellyfish imprints found in Denton County in the Woodbine formation.)

The second item is about a giant crystal cave that was scheduled to officially open in October 2019.

It was discovered under an abandoned silver mine in 1999 in a small town in Andalusia, Spain, three kilometers from the coast. It is the largest cave of its kind in Europe. It is a giant geode filled with selenite crystals so clear you can read through them. It is 26 feet long, six feet wide, and six feet high. The crystals average one foot, six inches in length. There is an online video of scientists climbing over the crystals in stocking feet. Tourists will only be allowed to see inside the chamber.

It is thought that the geode may have formed about six million years ago when the Mediterranean Sea evaporated and deposited thick layers of salt. Salt-saturated water filled the cavity and the process began. The only other thing needed was a very long time.

The site I went to for the story is: [www.euronews.com/2019/06/12/watch-europe-s-biggest-crystal-cave-to-open-to-public](http://www.euronews.com/2019/06/12/watch-europe-s-biggest-crystal-cave-to-open-to-public)

The third item is about a program given to our club in November 2002.

Keith Harmon spoke on sapphires from the Gem Mountain Sapphire Mine, Montana. He showed the members how to screen and look through the material and then had them do it from the several buckets of river gravel that he had brought back. Several members found sapphires and Travis Phillips found the largest. Many members took gravel to sift through at home.

Jack Shull was president back then and, in his President's Message, told of his experience with his search through what he took home. He said that while he didn't find any multicarat-size gems, by using a microscope he was able to find about 200 microscopic sapphires, some of which were beautiful bi-pyramidal crystals.

Keith offered to host a club field trip at his home on November 23, 2002, when members could examine more gravel and find more gems.

This month's biography is written by David Pierce with just a little editing.

"In the mid 1950's, my parents took me and my siblings on a summer vacation road trip to southern Missouri and northwest Arkansas to visit my Mom's relatives near Lamar, Missouri. The route went through the now famous Tri-state mining district of southeast Kansas, southwest Missouri, and northeast Oklahoma. My rock-hounding interest was awakened when looking out the car window (bored) I spotted huge piles of rocks near the road. But these rocks glistened in the sun and were shades of silver, pink, white, and yellow/brown. I yelled STOP to my Dad and asked if I could spend five minutes looking at the rock pile. It turns out they were waste dumps from a near mine. There were large chunks of galena, dolomite, sphalerite, calcite crystals, and quartz just lying there on the surface of the piles. I grabbed a small box or bucket from the car and stuffed it full of pink dolomite and silver galena. I had become a ROCKHOUND!! *Due to EPA regulations, the waste dumps no longer exist.*

"From there, I soon put collecting rocks aside as my teenage hormones kicked in. My passion was rekindled again at age 23. I had married at 20, and after college we moved from Wichita, Kansas, to Essex Junction, Vermont to start my career with IBM. New England states had much more to offer a novice collector in terms of mines and quarries. I self-collected for four years in Vermont, New Hampshire, Maine, and Canada. We started a family and went back to Kansas, and once again the collecting ceased for *many* years.

"Around 2000, I retired early, and since the computer and the internet were now available, I began searching anew from my desk chair. Mining "gold" from home was a lot easier than field collecting. On occasional trips, we would plan a stop at a promising collecting site researched from books or the internet.

"I now have a fairly large collection of agates, jaspers, petrified wood, and colorful crystals from around the world. I never had any courses in geology or related studies. I acquired 50 books on rocks/minerals and I am self-taught. As we all know, there is much to learn...and I am still learning!!"

I want to express my appreciation to those who have given me your biographies. I very much enjoy reading them and hope that you do, as well. I hope that they will continue coming.

For those of you who are *very* new and haven't read the newsletter from June, I will reprint what I asked for so you can send me information on how you got into our wonderful hobby. Part of my reason for this endeavor concerns the passing of one of our members active in the yearly show on School Day, Carolyn Davis. When she passed, we really couldn't answer any of the questions I have asked below, and Kinney Polve had trouble finding a relative or obituary in order to inform the members of the club. The other part is just to know each other's interests. Those who have a mutual interest have someone to call on for information or maybe you'd like a buddy on a personal field trip. As David Pierce said in the above bio, he is still learning.

Name

Place of birth and other places lived

College degree (Y/N) and what

Still working or retired

Career(s); skills

Are you in another field since retiring from main career?

Interested in "rocks" your whole life?

What year did you join ETGMS?

What other Gem & Mineral Societies do you belong to?

What started your interest? At what time of your life?

What aspect of our hobby are you most interested in or involved with?

Rocks Minerals Gems Fossils All or more than one

Lapidary work and what form: making cabs, wrapping cabs, faceting, etc.



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Added question: any craft interests? Painting, gem trees, critters, other?

Send a photo to go with the biography.

I will miss my yearly excursions to Keith Harmon's land for a search through his purchases for new treasures for my collection. In case you don't know, he is moving to the Texas coast.

For the love of the hobby, let's be friends, not just acquaintances.

As we approach the end of the year, it is time for our yearly dues to be paid and you are always asked to fill in a member sign-up sheet. *I encourage you to fill it in completely, especially where it asks for your interests.* I considered doing a breakdown of those interests, but one-third of 2019's members didn't fill it in. If there are too many to list, just put "everything," as I did!

Yes, it's that time again. To keep your membership current, dues are due by the January meeting. I encourage everyone to pay early, so that you don't accidentally forget and get dropped from the mailing list. Please make sure that you complete the form in its entirety. Adult members are 18 and older. Please check whether the member is an adult or junior. Yearly membership fee is \$10.00 for an individual, and \$20.00 for a family. Be sure and list your interests, it helps structure the club to better serve the needs of our members. If you plan to mail in your dues, you'll find the club's mailing address on the last page of the newsletter.

### East Texas Gem & Mineral Society

#### Member Registration Form

Date Paid \_\_\_\_\_ Dues Paid \$ \_\_\_\_\_ CASH CHECK \_\_\_\_\_

Name(s) \_\_\_\_\_ Adult \_\_\_\_ Jr. \_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email \_\_\_\_\_ Newsletter via email Y \_\_\_\_ N \_\_\_\_

Special Interest in Hobby \_\_\_\_\_

Home Phone \_\_\_\_\_ Work/cell phone \_\_\_\_\_

## 2019 World Championship Quartz Crystal Dig in Mount Ida, Arkansas

By Melissa Weenink

This year my husband, Zach, and I competed in the World Championship Quartz Crystal Dig for the 3<sup>rd</sup> year. While we have enjoyed the past two years, this was by far the best year yet. That being said, it did not start out looking like it was going to be a great year. We got a late start heading to Mount Ida, then had to drive through several thunderstorms before finally arriving at our hotel after midnight, only to have to be up and at the fairgrounds the next morning by 6:45 am for check-in. The temperature was in the 30's, and it was raining on and off, indicating a miserable day was in store for all. Fortunately for us, the energy that is created when over 100 rock hounds congregate in one place is contagious, and as a result we were soon energized and ready to take on the day and the mine regardless of the weather.

As we arrived at the mine, it was a race to locate a vein on the wall and stake a claim. While there is a certain amount of skill involved in finding a crystal bearing location, you do have to be able to recognize the indicators of a vein. A lot of it amounts to pure luck. Zach scouted around for a bit until he settled upon a location that he thought looked promising and began digging in. He found a few nice points and even a cluster, which while they were beautiful, were not quite award winning. Still, finding such nice pieces was a good sign that there might be more (and possibly bigger) crystals to come. Zach quickly called me over and asked me to dig with him.

Now I am typically a dig through the tailings type of person, but in order to find quality pieces at Twin Creek, the wall is where you have to go. With this in mind, I settled in next to Zach and began poking around with my screwdriver on the other side of the vein. Multiple times I would dig out around the sandstone and see the tip of a decent point only to realize that was all that was there. After several failed attempts, I found a spot that allowed me to dig a small hole into the wall. As I kept digging, the hole began opening up bigger and bigger until I was yelling at Zach that I had found a cave! While it was hard to see what was in the opening, I could reach my hand in and feel points everywhere and could even wiggle some plates located at the bottom. It was a tedious process as I began slowly digging out mud, rocks, and tiny crystal pieces.

As I continued to work on extracting the crystals, the rain rapidly picked up and began to rush over the side of the wall above us, running down and beginning to fill the pocket we had just opened. The scene that followed was nothing short of comical, as Zach quickly climbed to the top of the wall in an attempt to divert the runoff, while I laid down over the opening to keep more water from pouring in. After initially making the flow worse, Zach was eventually able to divert the water so that our little cave was safe from flooding.

With the water no longer cascading down on us, we were able to get back to mining. After a little more digging, I was able to feel one of the plates come loose, and could barely contain my elation when I pulled out the first



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cluster, then another, and then another. Zach and I were in awe as we examined these beautiful plates. It seemed we had hit the jackpot! The cold, rainy weather was all but forgotten at this point, as we eagerly turned back to this small cave to discover what additional treasures it might hold. I turned the digging over to Zach and he was able to reach even deeper to dig out more gorgeous specimens.

While we spent the rest of this day, as well the next, extracting various points and clusters, we never came close to getting all that this pocket contained. With no shortage of options to choose from, we selected our best pieces and submitted them for judging each day. After the second day of digging had ended and the judging had wrapped up, all that remained was for the results to be revealed at the awards ceremony/dinner. That night as the awards ceremony commenced, we waited with nervous anticipation for each place to be announced. Once the winners were revealed, words cannot describe our jubilation as they announced Zach had won 4<sup>th</sup> place in the points division and 3<sup>rd</sup> in the cluster division, and that I had won 1<sup>st</sup> in the cluster division! The icing on the cake was learning that our club, the East Texas Gem and Mineral Society, had won the club award for the highest overall point value.

When it was all said and done, this trip could be labeled as nothing other than pure perfection. Not only were my husband and I able to share in a weekend doing what we love, but by working together we were able to make an amazing discovery. As if that weren't enough, we made many new friendships as we connected with a group of people that, for lack of a better term, are best described as "our kind". We are already looking forward to next year, where we hope to not only defend our club title, but hopefully add a second club award for the most members competing.



## DIY Fossil Cleaning 1st Attempt

By Rick Walker

When I joined the ETGMS over a year ago, I was all about minerals. Over the course of the year, I started becoming more and more interested in fossils. The first thing I saw that piqued my interest was one of Jack Shull's trilobites. It was on the silent auction table at our last show. He had cleaned it himself. It was amazing and I bought it. The detail and delicate process it took to clean it sparked my interest. I saw Jack at our next meeting and asked about the tools and process he used. When I left that night, I knew I wanted to try it.

At our next Fossil group meeting, I mentioned to David Russ, I was thinking about giving it a try. He hooked me up with a trilobite that had a lot of the matrix already removed, but it still needed further cleaning. Thanks Dave! I was then set to give it a try.

After hours of research on the internet and reading blogs, I realized right away there were two ways to proceed. I could spend two or three thousand dollars buying mini jacks and blasting equipment, and maybe not succeed, or do some DIY creative stuff. I elected for the creative stuff first.

The first thing I tried was building a DIY mini sand blaster. It looked easy on YouTube and cheap too. Why would you want to spend \$50 or \$60 on one when you can build one for \$5. So, after getting all the parts, which included a





plastic jar, brass tube, and some fittings, I had it assembled and ready to test. First, I started out with baking soda as recommended for cheap cleaning media. I gave it a try. I was seeing baking soda spit out the end of my home-made contraption, but I needed more pressure. I turned up the pressure valve in small increments until the boom. The plastic bottle exploded and baking soda went everywhere. Lucky for me, I was outside.

The next day I ordered a Paasche Mini Sand Blaster from Amazon and a bottle of Aluminum Oxide. It arrived the next day and I immediately hooked it up and started blasting. I first experimented with an urchin I had found on a club field trip at Harker Heights HS. I had several. It worked great. It took some time, and I realized I needed a little bit more abrasive blast media, but it worked. I was hooked. When the new media arrived, I finished my first project. The photo is of the one I cleaned verses the uncleaned one.



My next project was David's trilobite. He told me I could soften and loosen some of the matrix using white vinegar and a dental pick. I started by soaking my specimen for an hour at a time. Slowly it started working. I would soak, pick, dry and then use my blaster to clean. Over the course of about ten hours of work in several days, I made very impressive progress. I got it to a point that I could compare it to the work Jack had done. There was one spot of matrix on the front side that really bothered me. I tried one more soaking in the white vinegar. Dave warned me that vinegar would eat on the trilobite shell quicker than the matrix. I very gently suspended my bug in a cup just enough to soak the Matrix. I was planning on about a one-hour soak, but I got distracted. I came back about two hours later, only to find my bug at the bottom of the cup. I guess one of my cats jumped on the table and dislodged it from its suspended state. I immediately fished it out, but I could already tell I was too late. The beautiful brown shell on the bug was now bleached white. I was upset. I blasted it one more time in hopes of bringing back some of the shine. It was gone forever. Lesson learned.



Now, I am absolutely going to try it again, but with some better planning and tools. One thing that is a must is a blasting cabinet to capture your media material. I was blasting outside and losing most of my media. It's about \$20 for five pounds, so you don't want to waste it. Also, I bought a cheap etching tool, which I used as a replacement for a \$300 mini jack to remove matrix. Mini jacks are what the professionals and Jack used to prepare fossils correctly. It will have to be added to any tool bag for cleaning fossils.

If you're interested in learning more about cleaning your own fossils, please reach out to David or myself. We are in the process of trying to acquire equipment for the club that would allow us, as a group, to have a place to gather and clean our fossils.





## Tyler Rose Festival Arts and Crafts Show

By Terry Roberts

ETGMS sponsored a booth at the 2019 Tyler Rose Festival Arts and Crafts Show on Oct. 19<sup>th</sup> – 20<sup>th</sup> to sell jewelry and other items handcrafted by members of the club, to

raise money for lapidary equipment and other needs. The weather cooperated and the crowds turned out for the show. The club made a total of \$978.13 during the show, and the members at the booth had a great time talking to all the people who stopped by our booth. Marcia had the best time of all by running out to greet and pet all the dogs that the people brought with them.

A special thanks go out to all the club volunteers who helped make the show a successful venue for us. The members attending the show were Kinney and Vicky Polve, Marcia Graham, Terry Roberts, Amy Long, David Pierce, Leanne Evans, and Ed Grounds.



*Photos are courtesy of Amy Long.*

## Shop Time

I was able to do some work in my workshop one weekend as the weather started warming up. I completed three cabs, and two slabs I cut from a Brazilian nodule that I've had in the shop for a couple of years. The other slabs produced from the nodule were not as interesting as these two. The best side of each slab is shown in the picture at the bottom left. They have some black and white water lines below a small quartz crystal-lined cavity. My wife wanted me to keep them for display on our shelves at home.

The other picture shows three cabs that I finally got around to completing. The agate shown on the left side is probably a Queensland Agate, as waterlines are not uncommon in these agates. The cab on the right side may be from one of the South Texas roads hunted by Johnny French. The cab in the middle of the picture is a nice chrysocolla specimen that will make a beautiful wire-wrapped pendant.

Terry Roberts



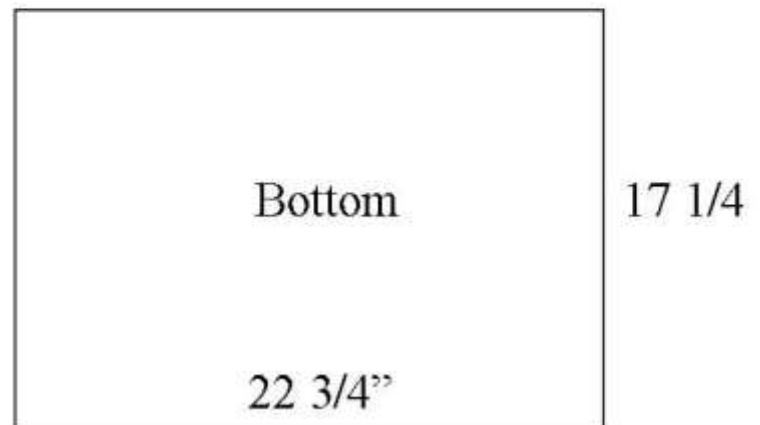
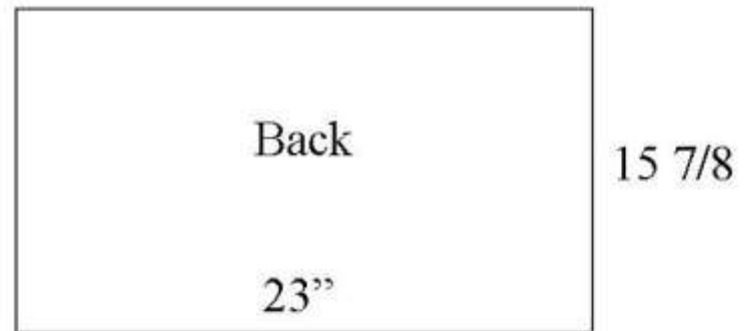
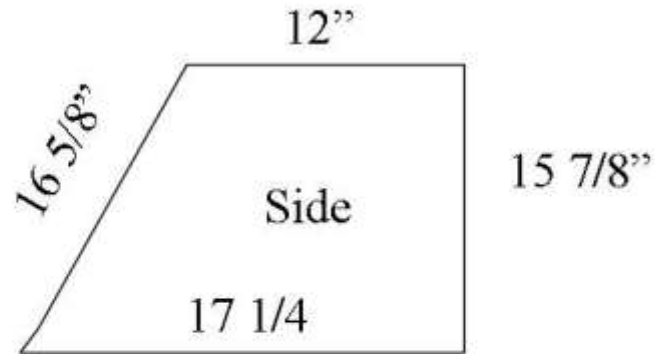
## January Show

Yes, it's that time again! Time to get our minds focused on our annual show. For all our new members, our annual show is our biggest fundraiser, the one that pays the bills. For those of you that plan to set up one of the display cases, I've included the case dimensions, in case you would like to make a liner for your case. There are still display cases available. This is an opportunity for you to represent the club, and to show off your work or collection. The show is only a couple months away, and there is plenty to do before it gets here. Fred Mahaffey had sign-up sheets at the November meeting, and many of you have already signed up. There are still many open spots that need to be filled. Please contact Fred if you can't make the meetings, so he can put you down to work the show. On Thursday, January 23<sup>rd</sup>, we need as many members as possible to set up everything for the show. Friday is "School Day." On Friday, we need members to do demonstrations and lead group tours for the school children. Saturday and Sunday, we have the Silent Auction and Wheel of Fortune going on, which adds an extra load. On Sunday evening, we need extra help to pack everything up. I won't kid you, it's a lot of work. Please come and help out. But it's not that bad when we're not short-handed. January 11, 2020 will be the date for our pre-show workshop. This is when we make items for the silent auction.

Kinney Polve

A big thanks to Fred Mahaffy, Julia Toombs, Melissa Weenink, Rick Walker, & Terry Roberts for your submission for the newsletter. As always, I need your help to keep our newsletter interesting. Remember that the cutoff is the 10<sup>th</sup> of the month. Get your submissions in as early as possible.

## Display Case Liners



**Lapidary/Jewelry Group** – Meets on the second Saturday of each month at 2:00 pm, except December and January. Terry Roberts leads this group. Contact Terry to have your name added to the email. [terry.roberts45@yahoo.com](mailto:terry.roberts45@yahoo.com)

**Mineral Group** – Meets every second Tuesday of each month at 6:30 pm. Charles Creekmur heads up the group. Contact Charles to have your name added to the email. - [calcite65@gmail.com](mailto:calcite65@gmail.com)

**Fossil Group** – Meets every third Tuesday of the month at 6:30 pm. David Russ heads up the group. Contact David to have your name added to the email. [dbruss50@gmail.com](mailto:dbruss50@gmail.com)

**Gemology Group** Meets every third Thursday of each month at 6:30 pm. The group is led by Richard Armstrong. Contact Richard to have your name added to the email. [keltfire@msn.com](mailto:keltfire@msn.com)

**NEWSLETTER CONTENT:** Please send any original info or articles to be included in the newsletter to the editor at the address or email listed below by the 10th of the month. If you need an issue dealt with quickly, don't hesitate to call. **AFMS & SCFMS Newsletters will be emailed to members, as to not duplicate that information here, unless it needs to be repeated.** Board meeting minutes are not published in the newsletter. If you would like to see a copy, contact an officer on the Board. The information in this newsletter may be reproduced for nonprofit use, as long as credit is given to the source.

Check us out on the web: [WWW.ETGMS.ORG](http://WWW.ETGMS.ORG)

### THE EAST TEXAS GEM AND MINERAL SOCIETY

**Purpose of the East Texas Gem & Mineral Society:** Is to promote; the study of Geology, fossils and the Lapidary Arts. The public is always invited to attend regular monthly club meetings.

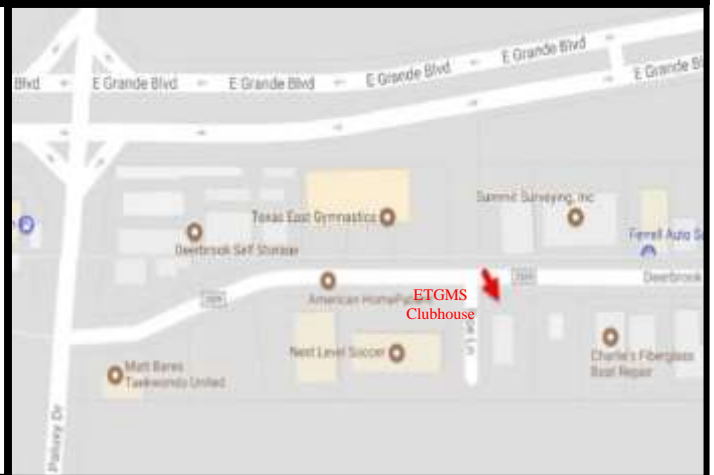
#### ANNUAL DUES:

Single: \$10.00 - Family: \$20.00

#### MONTHLY MEETING:

**WHEN:** First Monday of the month unless it's a holiday, then the second Monday, at 6:45 p.m.

**WHERE:** ETGMS Clubhouse, 2015 Deerbrook Drive, Tyler, Texas



PRESIDENT: Fred Mahaffey  
903-978-0268 [frederickmahaffey@gmail.com](mailto:frederickmahaffey@gmail.com)

WEBMASTER: Margaret Kilanski  
971-219-3362 [mlkilanski@yahoo.com](mailto:mlkilanski@yahoo.com)

VICE PRESIDENT: Terry Roberts  
903-881-5108 [terry.roberts45@yahoo.com](mailto:terry.roberts45@yahoo.com)

EDITOR: Kinney Polve  
903-646-3189 [rockrosenewsletter@gmail.com](mailto:rockrosenewsletter@gmail.com)

TREASURER: Marcia Graham  
903-312-4800 [quilteddy@gmail.com](mailto:quilteddy@gmail.com)

SHOW SCHOOL DAY  
CHAIRPERSON: **NEEDED**

SECRETARY: Julia Toombs  
903-882-5809 [jltoombs@suddenlink.net](mailto:jltoombs@suddenlink.net)

FIELD TRIP  
CHAIRMAN: **NEEDED**

CHAIRMAN SHOW: Kinney Polve  
903-646-3189 [kpolve@gmail.com](mailto:kpolve@gmail.com)

### **CLUB ADDRESS AND TO SEND DUES**

East Texas Gem & Mineral Society  
P. O. BOX 132532  
Tyler, TX 75713-2532



EDITOR: Kinney Polve  
8665 County Road 373D  
Henderson, Texas 75654  
Phone: 903-646-3189

RETURN ADDRESS SERVICE REQUESTED

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