

# ROCK-N-ROSE



THE EAST TEXAS GEM & MINERAL SOCIETY NEWSLETTER

PAGE 1

VOLUME 45

TYLER, TEXAS

ISSUE 8

AUGUST 2019

## Upcoming Events

**AUGUST 17-18**  
**ARK-LA-TEX G&MS**  
**BOSSIER CIVIC CENTER**  
**BOSSIER CITY, LA**

**SEPTEMBER 21**  
**ETGMS ROCK SWAP &**  
**COOKOUT**  
**2015 DEERBROOK**  
**TYLER, TX**

**OCTOBER, 12-13**  
**TRI-CITY G&MS**  
**MAYBORN CIVIL CENTER**  
**TEMPLE, TX**

**OCTOBER 18-20**  
**AUSTIN G&MS**  
**PALMER EVENT CENTER**  
**AUSTIN, TX**

**NOVEMBER 8-10**  
**HOUSTON G&MS**  
**HUMBLE CIVIC CENTER**  
**HUMBLE, TX**

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## President's Message

Greetings Everyone!

If you missed the monthly club meeting you missed an exciting meeting. Thank you to Kinney for the program on the field trip to Missouri and the Upper Peninsula, Michigan. Also, thank you for all the samples and mineral specimen donations to the club. I have already had several requests for space at our Rock Swap next month. If you are interested please let me or one of the other club officers know,

so we can get your name on the list. It looks like we will have a good turn out, so start making plans. We still need a Field Trip chairperson to organize the field trips. If you would like to oversee a field trip to a specific place that would be awesome. You do not have to be an official chairperson to help facilitate, organize, or be the contact person for a field trip. Don't forget to check the calendar for all the club activities. Lastly, I want to thank everyone who have been working to make the sub-groups a success. *Thank you* to all of you who volunteer to help make our club one of the best.



Fred Mahaffey

Webmaster Margaret Kilanski has completely rebuilt the ETGMS website. We have also purchased the [www.etgms.org](http://www.etgms.org) domain name, to better suit our organization.

The old domain name [www.etgms.com](http://www.etgms.com) will forward to the new site once the new site is loaded on the internet. I think it looks much better than the old site. She has put a lot of time in building a site that the club can be proud of. Now she needs your help finding errors and needed additions. Let her know what you think. Well done Margaret.

Keith Harmon is selling out. He has some really good deals on rock rough, slabs, equipment, etc. You'll find his contact information on the information page. Give him a call to schedule a time to browse all he has for sale.

## MEETING MINUTES

The regular meeting of the East Texas Gem and Mineral Society met on August 5, 2019. President Fred Mahaffey called the meeting to order at 6:45 pm. He asked for the two new members to introduce themselves. Fred then asked for a motion to approve the minutes as they appeared in the newsletter. Kinney Polve made the motion, Jim Kitchen seconded, and the motion carried. Treasurer Marcia Graham gave her report. There was an anonymous \$500.00 donation toward the mortgage.

### Announcements:

- The field trip with the Dallas Paleontology Society has been changed to Sunday, August 11<sup>th</sup> to accommodate those who work on Saturday. It is still to Oliver Creek.
- October 19<sup>th</sup> & 20<sup>th</sup> – We will have a booth at Bergfeld Park. Please sign-up to help.
- Lapidary group – August 10<sup>th</sup> at 2:00 pm. Terry Roberts will bring Queensland agates, etc. There may be a silver casting class in September at Kinney's workshop. Please sign a Thank You card to Terry's friend Johnny for sending so many slabs to the club.
- Mineral group – August 13<sup>th</sup> at 6:30 pm. It will be a basic mineral identification class. Charles Creekmur will bring the tools needed to do the identifying.
- The Ark-La-Tex Gem & Mineral Show is August 17<sup>th</sup> & 18<sup>th</sup> in Bossier City, Louisiana.
- Fossil group – August 20<sup>th</sup> at 6:30 pm. We will identify fossils found on the last trip. Rick Walker spoke for David Russ. There was a successful fossil hunt in Austin, Texas. Rick brought a plastic box of finds from the Late Cretaceous period that you may take from.
- Gemology group – Cecil Waterhouse spoke for Richard Armstrong and presented to Wayne Ward a certificate for completing the first part of the Gem Identification class. They are working on setting up Part 2 of the class.
- Ed Nolen spoke on the field trip to Magnet Cove, Arkansas on August 24<sup>th</sup> to look for Pyrite. It is a 5-hour drive and there is a motel near the highway.
- We are still in need of a field trip chairperson.
- September 21<sup>st</sup> is the Rock Swap at the clubhouse. Contact Fred if you want to set up a table.

- The September meeting will be on the 9<sup>th</sup> due to Labor Day.

### Old business:

- A wire wrap class will be discussed at the lapidary meeting.
- The Gilmer Rock Shop is now closed.
- Rockhound of the Month for July – Keith Harmon; August – Delbert and Joyce Speed.

### New business: There was none.

With no further business to discuss, Fred asked for a motion to adjourn the business meeting. Terry made the motion, Jerry Sudderth seconded, and the motion carried. After the drawing of door prize tickets and refreshments, the program was given by Kinney on the field trip to Missouri and Michigan.

Submitted by  
Julia Toombs, Secretary



Keith Harmon accepting his Rockhound of the Month award.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>August</b> 18	19	20 Fossil Group 6:30 pm	21	22 Gemology Group 6:30 pm	23	24 Clubhouse Workday 9:00 am
25	26	27	28	29	30	31
<b>September</b> 1	2 Labor Day	3	4	5	6	7
8	9 Monthly Meeting 6:45 pm	10 Mineral Group Meeting 6:30 pm	11	12	13	14 Lapidary/Jewelry Casting 9:00 am <a href="#">Learn More</a>
15	16	17 Fossil Group 6:30 pm	18	19 Gemology Group 6:30 pm	20	21 Rock Swap Cook-Out
22	23	24	25	26	27	28 Duncanville Field Trip

### 2019 Fieldtrip Schedule

September	Rock Swap - Clubhouse	September 21 <sup>st</sup>	Rock Swap, Cook Out
September	Duncanville, Texas	September 28 <sup>th</sup>	Septarian, Fossils
October	Mt. Ida, Arkansas	October 26 <sup>th</sup> , 27 <sup>th</sup>	Quartz Crystals
November	TBD		
December	Christmas Party	December 2 <sup>nd</sup>	Party & Gift Exchange

Note: Schedule is subject to change due unforeseen circumstances.

**We have been looking for someone to fill the Field Trip Chairman position for over a year. I'm sure one of our 161 members would be perfect for this position. Please contact Fred Mahaffey.**

## Why Volunteer??

by Fred Mahaffey

One of the toughest challenges for any volunteer organization is to find volunteers. In a society where more and more people want things instantly and with minimal effort, it would be great if meetings planned themselves, field trips didn't require any planning, and everyone automatically did what is needed to be done to keep members motivated and excited. Unfortunately, that is not the real world and how organizations work. For every successful event that occurs there is always behind the scenes work planned and acted on to facilitate a successful activity, program, or meeting. Every organization is made up of all sorts of individuals. Some with similar interests, some with varied talents, some with lots of experience and some with no experience.

The question is: What makes a group or organization successful when you have so many different ideas, interests, desires, skill levels, and abilities? The answer is volunteers! Volunteers help move an organization and facilitate all aspects that make it unique and worth being part of. It takes everyone participating and communicating the desires and motivations for the organization. It also takes everyone participating to make events and activities successful. Activities happen in usually one of two ways. One, the activity is solely planned and executed by one person, or two, an activity is planned by a group of individuals and then carried out by all. Which activity do you think will have the greatest participation? As a general rule the activity planned and carried out by the group will have a greater chance of success and participation, because they all take ownership and do a better job of promoting the event.

So why volunteer? It is just like your job or work, right? You don't join a club or organization to work. You do that at your daily job where you make a living. Correct? When you have a passion for something, whether it is lapidary, field trips, looking for new specimens, fossils, or the camaraderie with individuals with similar interests as yourself, it becomes a passion or labor of love. It is not work. When you can positively impact the lives of others your actions have meaning. When you share the same passion as others for similar subjects, then you develop positive relationships and friendships that last a lifetime. You are always learning and growing, and this creates a very healthy atmosphere and helps you to stay healthier. When you share your enthusiasm for a particular interest with others you create excitement. This helps promote growth in our organization but, also in the quality of activities a club facilitates or participates in. We volunteer because it brings value and purpose to our organizations. We volunteer because it helps develop ownership and has a positive impact on those volunteering. We volunteer because we want to make a difference. We volunteer because we want a say in what happens in our organization. So, my question to you is, why do you volunteer? If you don't volunteer, what are you getting out of your organization? As a general rule, you get out of an organization what you put into it. So, if your meetings are boring, or there are not enough activities then volunteer to help plan them. Manage programs and activities that interest you. Chances are there are others that have the same interests or passions and will step up and help, and the experience will grow. The groups that have the most participation are always the ones where everyone is involved and participating. The old saying, "The more you give the more you will get!" is very applicable to any organization. So, get involved, take ownership and help make your club a success. And most of all, Volunteer!!

Thank you for your contributions Fred Mahaffey, Julia Toombs, Lynn Metcalf, Terry Roberts, & Rick Walker. It's the members contributions that helps make a great newsletter. The deadline for the September newsletter is the 10<sup>th</sup>, so get those submissions in early. I also need more junior member participation.



## Daytrip to Mammoth National Monument in Waco

By Rick Walker

We arrived at the Welcome Center about 10:00 am Saturday, and we were greeted by a very courteous staff. Once we purchased our guided tour tickets, we departed on a walk of about 300 feet, all along the way stopping while our guide explained different areas of the exhibits. When you arrive at the end of the trail, you see this amazing climate and moisture controlled building where the Mammoth fossils are now protected from the harsh environment.

Once you enter the dig site you are suspended on a floating platform above the dig, offering a good vantage point to view the different specimens. The sites are marked well with lots of signage, but the guide covered just about everything you could ask, then she answered questions. There is a life-size mammoth painted on the wall to give you a prospective of their full size. The tour lasted about an hour.

The mammoths located at this site are what is known as Columbian Mammoths. In 1978, while fossil and arrowhead hunting on the Bosque River, friends Eddie Bufkin and Paul Barrow saw a large bone protruding out of an eroded embankment. After gently digging it out, they took it to the Strecker Museum at Baylor University where it was identified as Columbian Mammoth. Between 1978 and 1990 the fossil remains of 16 Columbian Mammoths were discovered, including the first discovery of a nursery. Between 1990 and 1997 six more animals were unearthed along with 1 large male. They also found a camel and the remains of a juvenile saber-tooth cat. It is believed that all the animals died as a result of massive flooding on the Bosque and Brazos River in three different events.

The Columbian Mammoth is a relative to the Wooley Mammoth, but the Columbian was much larger and had less hair. Even though they were living in the Texas grasslands during the last Ice Age, the temperate climate allowed them to eat a lot and grow much larger. Being true Texans, they didn't need that extra fur. The Columbian Mammoth were fourteen-foot-tall at their shoulders and weighed in at 20,000 pounds. They lived from 130,000 to 11,000 years ago. The Wooley Mammoth was 10 feet at their shoulders, weighed in at 10,000 pounds, and lived from 150,000 to 4000 years ago.

These animals thrived 65,000 years ago in herds in the grasslands of central Texas until 10,000 years ago when they all disappeared. This event included all the mammoths, camels, saber-toothed cats, giant bison, sloths, turtles and armadillos (the size of a VW). It is unclear what caused this mass extinction, but it is believed climate change may have had a part in it.



*Continued on page 6.*

It's about a 2.5-hour drive to Waco and the tour takes about an hour, however there are lots of things to do while in Waco, keeping with the fossil themed trip. At the Strecker Museum, inside the Mayborn Museum Complex at Baylor University, you can travel through millions of years by exploring ancient fossils of Central Texas. You will see one of largest fossil marine turtles ever found in the United States. The Bell County Museum has an award-winning interactive exhibit of the Gault Site in Florence, TX, which is the largest excavated sites of Clovis culture from more than 13,500 years ago. Happy Fossil Hunting



### A Look into the Past

by Julia Toombs

My new project has produced three responses. If you read my article in July, you know that Kinney Polve was the first to have his biography written up. With a little nudging and persuasion, I have gotten bios from Marcia Graham and Colleen Hayes. I have included Marcia below as hers arrived first. It is in her words with just a little editing.

“The first 40 years of my life were in Colorado where I spent much of my time hiking, camping, and skiing in the Rockies. I inherited the love of rocks from my grandparents who often accompanied us on our mountain adventures. Grandpa always had his head down searching for rocks along the trail or riverbeds. He would take the rocks home, cut and polish, and make them into jewelry. He would tumble the smaller stones for display in glass jars or planters.

“I graduated from Columbine High School years before the terrible shootings. While there, I took every art class offered. One of those was silversmithing. Before leaving Colorado, I taught Physical Education in a private school, waited tables, and raised four children while my husband worked in a coal mine and then went on to nursing school. His first nursing job took us to the Houston area where I worked as a secretary and registrar for a Christian school. Fifteen years ago, we moved to Tyler, and I retired to be full-time caregiver to our severely handicapped son, David.

“I joined ETGMS in January 2017, after attending the rock show. I was excited to take all the lapidary classes offered. I have since wire-wrapped over 200 stones for the club and for personal use. I have made several silversmith pieces and recently started making my own cabs. I really enjoy being part of the club because of the friendships made and the opportunity to learn from other knowledgeable members.”

Thank you, Marcia, for your contribution. We have a wide range of members with different hobbies associated with rocks. I would guess that most of us became interested as children. I have looked through the sheets that you fill out when you pay your membership every year. Sadly, a third of you did not fill out the line that asks for your interests. In the future, let's change that. Help us to help you get more out of the club.

If you come to the meetings most months, then I will probably be asking you to get some information to me. Let's be friends, not just acquaintances.





## Shop Time

I was looking through some rough material that I had squirreled away years ago by my shop and came across six small-to-medium sized thundereggs that I collected back in 2013 at the Baker Ranch southwest of Deming, NM. I decided it was time to cut them to see what was inside them and was pleasantly surprised that half of them turned out to be decent. By the way, I've heard that the Baker Ranch is closed, so that the Deming Gem and Mineral club can no longer lead field trips to that site during their annual show.

The first picture shows the largest Thunderegg which has some nice bands in the larger agatized portion. It also has a completely different agate beneath the larger portion. The next picture shows a nice agate center with the left half forming the outline of a seahorse. My favorite is the smaller thunderegg in the last picture. The left half shows a nice resemblance to a wild hog and even has the tusks and eyeball in it. You just have to ignore the bright white spot in the lower center of the agate. What does the agate in the right half look like to you? Perhaps a quarter-profile of a brown bear?

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## Rockhound Safety

By Kinney Polve

When collecting rocks, out in the field,  
Sometimes the focus, is more on the yield.  
Those rock won't matter, if you don't make it home.  
So my first suggestion, is watch where you roam.

Keep a close eye out, for rattlesnakes.  
If you happen to see one, put on the brakes.  
There are many other dangers, to watch out for.  
This is only one, there are plenty more.

Always watch the weather, and be prepared.  
From certain injury, you may be spared.  
There's a danger of dehydration, so take plenty of water.  
Be prepare because, it could get much hotter.

Always think about safety, when out in the field.  
Know your surroundings, and keep your eyes peeled.  
This is good advice, to carry on your way.  
Thinking about safety, will always pay.

I was looking through a small baggie of Laguna agate slabs that a friend sent to me several years ago. I came across three slabs that were obviously cut from the same nodule. The single red band in the slabs was so vivid that I had to start cabbing them to show everyone. I had some difficulties getting a small part of the right side of two of the cabs polished (the cab on the left and in the middle), as they appeared to have a softer quality to it than the rest of the cab had. Anyway, I finally succeeded in getting her done, sort of.

Terry Roberts



## Why Volunteer? Fostering a Sense of Community

by Lynn Metcalf, GG, GIA

A member of the ETGMS since 2014, I asked myself why I have not volunteered my time to the Society more generously in recent years. Sure, I was webmaster of the ETGMS website for two years, and there was the one-plus year as a Member-at-Large on the Board. Then there's been recent illness that curtailed my involvement with not only the club, but also with the Lapidary and Gemology sub-groups over the last year and shut down my field prospecting since mid-2018.

The worst of the physical curtailment is over now, so why do I still feel less than motivated to give of my time? Rocks and minerals are fascinating. What has changed to corrupt my attitude over time?

Sure, I am 5 years older. Okay, that affects physicality levels. But, attending meetings, receiving answers to my rock enthusiast questions and listening to ETGMS presentations, do not explain the recent flat line of my former volunteering exuberance. This worrisome trend led to an examination of what might be some of the issues blocking my (and perhaps other folks) enjoyment and personal giving to my favorite pastime.

Let's look at this from a top down approach. Our gem and mineral society is a community of like-minded individuals. But then, what truly IS a 'community'? In 1986, social psychologists McMillan & Chavis developed a theory that has become the most widely accepted understanding of how communities work. They called it the "*Sense of Community*". "*Sense of community is a feeling that members have of belonging, a feeling that members matter to one another and to the group, and a shared faith that members' needs will be met through their commitment to be together.*" (McMillan, 1976). \*

They go on to describe four likely factors that foster a sense of community: **Membership, Influence, Integration/Fulfillment of Needs, and Shared Emotional Connection**

**Membership** attributes include belonging and identification with the whole (do I belong here?) Conversely, does the membership feel an individual is a good fit for the organization? There is 'safety' in the sense of 'can I ask a question and not feel stupid'? Can I make a personal investment (volunteer or contribute) and not feel somehow 'used' or 'not appreciated'? Is there some kind of a shared symbol or system in place that makes members feel like they are part of something special? Examples can be a badge, vest with a patch, conspicuous membership ID card on a lanyard.

**Influence** talks about 'mattering' to the group. Who are the leaders within the group? Who gives before asking? Does each member feel they have a say in what happens in the group? Even more importantly, is someone listening? The theory says:



*“People who acknowledge that others’ needs, values, and opinions matter to them are often the most influential group members, while those who always push to influence, try to dominate others, and ignore the wishes and opinions of others are often the least powerful members.” \**

Are club leaders weak or strong in these traits? By the way, a ‘leader’ does not necessarily mean they are officers of the club.

**Integration and Fulfillment of Needs** is a dynamic whereby the member feels they are receiving the emotional ‘gift’ or ‘reward’ they hoped for when joining and are accepted by the membership. Rewards might include gainful answers to questions, networking opportunities, hands-on training, inspirational insight in both *receiving and giving* presentations. The sense of trust, belonging and appreciation are pivotal here to successful organizations.

Is there a **Shared Emotional Connection** in our community? In other words, is there a common story? The ETGMS website (etgms.com) front page main paragraph weaves a story. It speaks of rocks and minerals and our shared love of them in all their forms. The website’s ‘About’ page describes a sense of mission and our goals in desiring to spread the membership’s fascination to others. It invites like-minded folks to check out membership with the community, not only at the local level, but regionally and nationally as well. The rest of the website says, ‘Look at us! Look at what we do and where we go!’ The ETGMS newsletter, ‘*Rock & Rose*’ keeps the internal membership, as well as the hierarchical chain ‘in the know’ every month of activities and events. The community’s sub-groups talk about their recent programs. There IS communication.

So! With all that information, what is missing?

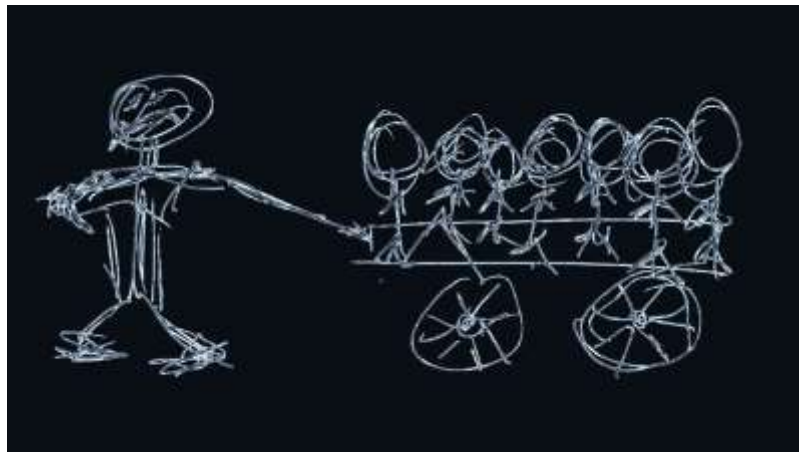
In the last 18 months, ETGMS has gone through major changes, the largest of which is the purchase of a building for its clubhouse. Prior to this purchase, the club ‘borrowed’ locations for its main and sub-group meetings. Membership suffered for it. With a centralized location the dynamic changed and membership in the community increased. However, there continues to be an outstanding deficit.

One of the major selling points of membership is that members will not only be able to share information about rocks and minerals, but that we will be able to *work with them to make things*—to make and display our own treasures. We have the building, but to be a *clubhouse*, work must be done to fulfill this membership promise. Until construction is done, lapidary functions are non-functional. Until classrooms are constructed, jewelry making is curtailed. Until ‘front office’ construction is complete, clubhouse activity on days other than meetings (where only a few people have keys and access to the building) cannot happen.

Essentially, we have only taken one step away from using ‘borrowed’ premises. Our leaders have exhausted themselves by overwork while repeated requests for help in finishing the clubhouse go unanswered.

Picture a hay wagon. Now fill that wagon to capacity with club members. Imagine three or four people (our leaders and volunteers) in harnesses pulling hard with little success to move that wagon forward while those in the wagon watch expectantly. What happens? There comes a point where those sitting in the wagon become bored, waiting for something to happen. These folks will blame the group for inaction and leave the wagon.

Conversely, those straining to pull the wagon become frustrated from the lack of forward movement and watching the exodus of bored riders from the wagon. Eventually, these leaders and volunteers stop pulling and drop the harness, disheartened and disaffected. Without others stepping forward to take up the harness, the wagon is abandoned.



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In other words, without members willing to help, the organization dies. Recently, there was news from our region of a gem and mineral society suffering just that fate.

To volunteer is the heart blood of all service organizations. Volunteering, that sacrificing of time and energy cannot and should not be donated without the expectation of something in return. Those who donate need to feel that their efforts are respected and appreciated. Those on the receiving end of those efforts need to reciprocate in kind. Without this respectful give and take throughout the membership of an organization, communication fails as does, in time, the organization itself.

Take a moment to inventory your skills and ask: 'What can I offer to a group who shares my abiding interest in gems and minerals? What can I do to help fulfill both the group's goals that, at the same time, nourishes my own needs?'

I did. You just read it.

Now, step up. Volunteer!

*\*'The Psychology of Communities—4 Factors that Create a 'Sense of Community' by David Spinks Nov. 19, 2013*

### LAPIDARY/JEWELRY GROUP

Eight members of the Lapidary/Jewelry Group met at the ETGMS clubhouse on August 10<sup>th</sup> to talk about their projects and discuss desires for classes on silver casting and wire wrapping. Terry brought three cabs he had recently completed that showed chromatography and/or parallax phenomenon for the group to see. Kinney brought a large collection of silver casting examples that he had completed in silver and brass so the group could get an idea of what they might be able to do once they complete his class.

After the presentations and discussions were completed, Terry brought out several Ziploc bags of slabs from different locations in Texas, Mexico, Australia, Indonesia, and Malawi for the group to sort through and select pieces for future work. Everyone left the meeting with an assortment of slabs and plans for future projects.

The next L/J Group meeting will be held on Sept. 14<sup>th</sup> at Kinney Polve's workshop near Henderson, TX. The meeting will coincide with the silver casting class on the same day and location, but both the meeting and class will start at 9:00 am rather than the usual afternoon time. This will give the other group members who did not sign up for the class a chance to see what this procedure looks like and see if they want to take the class in the future. This will also be an opportunity for some who have never been to Kinney's workshop to see the different lapidary equipment he has, as well as the extensive rock collection he and Vicky have accumulated during their rockhounding field trips.

Terry Roberts

### MINERALOGICAL GROUP

Ten people showed up at the mineral group meeting. We discussed some field identification tests and identified several specimens that members brought. Charles Creekmur

### Upcoming Casting Class

We will be holding a metal casting class, as Terry Roberts has mentioned, on September 14<sup>th</sup>. The class will start at 9:00 am. I will discuss metal and the process of casting. Members can choose to observe or participate. This is open to all ETGMS members. There will be no charge to observe the casting process. For those who wish to participate, there will be a five-dollar fee for supplies. If you have your own scrap silver, bring it to the class. I will have some one-ounce fine silver bars available for \$23.00 each, while supplies last. In the class we will be casting silver, copper, and brass. I will go over different methods of casting; broom straw, bean, and salt casting. I will also discuss some of the other casting methods. Kinney Polve



# East Texas Gem & Mineral Society

## ROCK SWAP

Saturday September 21, 2019

9:00 AM – 4:00 PM

ETGMS Clubhouse

2015 Deerbrook Drive

Tyler, Texas

ETGMS will be hosting a rock swap.

Other rock clubs are encouraged to join us, and the public is welcome.

You can set up your table inside the clubhouse or just tailgate on the back lot.

We are limiting indoor space to one 6 or 8-foot table.

Come and buy, sell, or swap.

There should be a good selection of club-related items.

Bring your minerals, fossils, rough material, slabs,  
handmade items, equipment, etc.

It should be a great day for camaraderie.

And if that isn't enough, we will be cooking up some  
hot dogs for lunch. See you there.



**Lapidary/Jewelry Group** – Meets on the second Saturday of each month, except December and January. The meeting time is 2:00 pm. This group's meeting is all about lapidary (anything to do with cutting and polishing rocks) and jewelry making. Terry Roberts leads this group. To have your name added to the email list contact Terry Roberts - [terry.roberts45@yahoo.com](mailto:terry.roberts45@yahoo.com)

**Mineral Group** – Meets every second Tuesday of each month at 6:30 pm. This group is all about minerals, how to identify them, geology and the locations they can be found. Topics are decided on by the group leader and the members. Charles Creekmur heads up the group. If you are interested in learning more about minerals, get your name on the email list for this group by contacting Charles Creekmur - [calcite65@gmail.com](mailto:calcite65@gmail.com)

**Fossil Group** – Meets every third Tuesday of the month at 6:30 pm. If fossils are your thing, or you just want to learn a little more about fossils, this would be the group for you. Topics about fossils, locations where they can be found, and geological time periods are all discussed in this group. David Russ heads up the group, and if you would like to have your name added to the email list, contact David Russ - [dbruss50@gmail.com](mailto:dbruss50@gmail.com)

**Gemology Group** Meets every third Thursday of each month at 6:30 pm. This group is all about gemstone and the identification of gemstones. Topics are decided on by the group leaders and members. The group is led by Richard Armstrong. If you are interested in gemstones, identification, where their found, or any other related topic, this is the group for you. To have your name added to the email list, contact Richard Armstrong - [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.COM](http://WWW.ETGMS.COM)

### 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.**

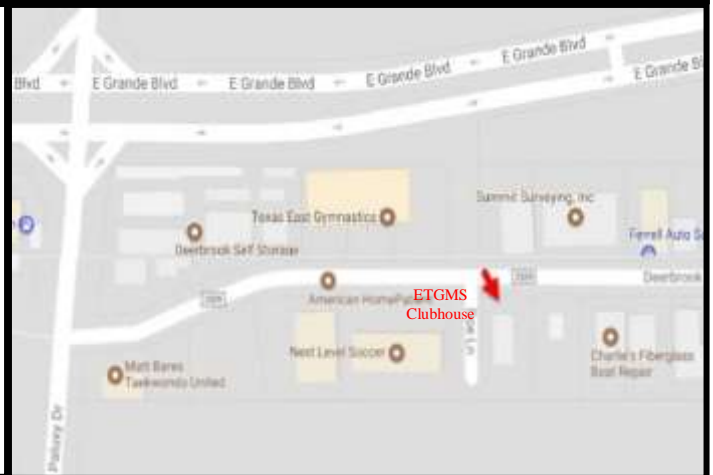
#### ANNUAL DUES:

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



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