

ROCKET CITY ROCKS & GEMS



The Monthly News Bulletin of the Huntsville Gem & Mineral Society

Volume 51 No. 6

"We'll go to the Moon for a Rock"

June 2019

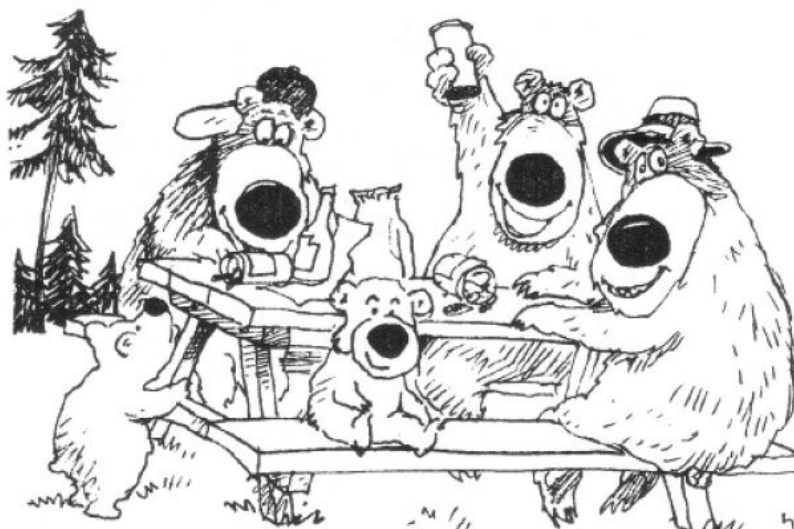
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No Regular Meeting in June

Come to the Picnic - 9:00 to 2:00

Sat. June 29, Monte Sano State Park

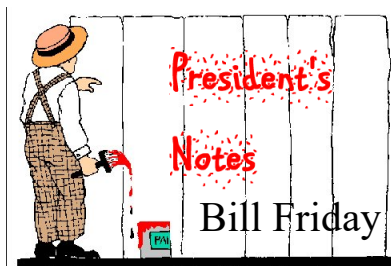


Courtesy Stillwater (OK) Mineral & Gem Society - Jul08

www.huntsvillegms.org/ - www.facebook.com/HuntsvilleGMS -



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We tend to get used to “the way we always did things”. When faced with uncomfortable constraints with that “way”, we look around for a source of relief, but then when something comes along that would do just that, we often decide that maybe it would be better to be uncomfortable than to make a big change. At the May meeting the members present voted unanimously to continue discussions with the City of Huntsville with a commitment toward the goal of re-locating all of our activities into a new home in southeast Huntsville, within the old Grissom High School football field house. The

“commitment” so far is not a contract, but rather a good faith statement that we are seriously interested in pursuing the move. HGMS vs City obligations are still in negotiation. Budgetary requirements on both parties are as yet a bit undefined, although there are no unforeseen dangers of our damaging our financial footing. The schedule is completely un-defined, although we are looking at ways of expediting the process.

True, it isn't yet ready for a smooth transition - there is work to do. We have defined each of the spaces available within the building for our various activities, and we will fit just fine with expanded room for each. In process are: consulting with the City officials in specifying what renovations we need to have done - cleaning, refinishing floors, lighting, plumbing, wall painting, restroom renovation, access security, new doors, storage space, a wall moved, and then moving all of our stuff from the Senior Center - lapidary lab, jewelry activities, and metal smithing equipment - into the new space and putting it back into readiness.

Updates will be provided as decisions are made and questions get answered. Stay tuned - a new day is coming.

Meanwhile, life goes on. Picnic at the end of this month, with the now traditional accompanying rock swap, buy and sell, with no commissions. Great food, provided potluck by the members, with the meat provided by the Club. We have the pavilion to ourselves, with restrooms, tables, playground nearby, and lots of shade. No additional admission fees are necessary - just say you are with the Gem & Mineral Society, enter the gate and take the first right turn to the picnic area. You may want to bring your own lawn chairs.

HGMS June 29 Picnic & Rock Swap at Monte Sano State Park

The venue is the same as last year

No extra fee to get into the Park

HGMS will provide the meat

The rest will be Potluck provided by members

Pavilion, restrooms, kids playground - All under shade trees

Bring your rocks etc. to sell, swap, or money to buy - no HGMS fee



Minutes for the 28 May 2019 HGMS Meeting, 06:30pm

The minutes for the April meeting were voted and approved as printed in the May newsletter. 48 members were

It was stated at the beginning of the meeting that a cake of appreciation was presented for Brian Burgess for his work with HGMS and particularly the Pebble Pups. Brian Burgess is moving to Birmingham and will make the commute to continue to work with the Pebble Pups. Cake was on the hospitality table in the back of the room for people to enjoy at the end of the meeting.

Metal Smithing presented their report followed by Rocket City Jewelers report and wrapping up was the Geo-Sciences report.

Bill then discussed the October Rocket & Gem Show and in particular the Competitive Display Cases. Bill made sure the audience knew that even though the outside of the display cases will be scratched, dented and worn; this will not be part of the judging. However, Bill stressed that the inside of the case must be pristine. He also expounded on the criteria for judgement. Judging will be categorized between novice and expert and whether a display will be either a group display or individual displays. Bill stated he would get more information for the Competitive Display as the event draws near.

Program for tonight was Show & Tell for alphabet H through R

Presenters for this time period were Bob & Ruth Kemper, Lynn Peete, Hayley Nedbalski, John McCullough, Gene Powers, Judy Osmundson, Sachiye Littler and Brandon Schroeder. Everyone had a great assortment of stones and fossils and had some great stories behind how they acquired them and why their show & tell pieces were special to them. Rocks, fossils, 3D impressions, and beautiful carved pieces of stone were passed around the audience and enjoyed by all.

Bill announced that "Rock Fest 29" at the Tellus Museum will be June 8th & 9th 2019 in Cartersville, Georgia. Gem, Mineral, Fossil, and Jewelry Dealers from across the country will be set up in the Tellus Banquet Room and outside on the back lawn. Tellus Museum is celebrating 29 years of this fabulous show and Bill encouraged the audience to attend.

Bill then gave a slide presentation for the possible relocation of the lapidary and metalsmithing and jewelry making and other HGMS labs to the Old Grissom High School Wrestling Building. Bill provided the audience with the aerial view of the building, the purpose of each room in the new building, and the identification of those rooms. This topic brought up the security concerns and access to the building as well as fire doors and placement of those doors. Bill also read the advantages and disadvantages of the move to the new building. After the presentation was completed, and all questions were asked and answered, Mike Cape asked for a motion on the floor to ask the members: Do the HGMS members want the HGMS board to move forward and inform the city and the senior center that HGMS is interested in pursuing a move to the new location? Mike Soroczak seconded the motion, a vote was taken, and it was a unanimous approval to proceed forward with this effort.

Caryl Nixon stated that she needed volunteers to provide food/refreshment for the June 25th HGMS monthly meeting. She also informed the audience that the HGMS Rock & Swap Picnic will be 29 June 2019 at Monto Santo State Park Pavilion. Meat will be provided by HGMS Hospitality and Caryl is asking everyone to bring a covered dish. There is no sign-in sheet for bringing in food and everyone will bring in a covered dish to be shared by all. Since the June picnic will be 4 days after the proposed 25 June monthly meeting, it was proposed that HGMS will not have a monthly June meeting. A vote was presented and the HGMS members agreed that there will not be a monthly June HGMS meeting since the HGMS picnic will be taking place.

Meeting was adjourned at 8:13pm.

Ruth & Bob Kemper, Secretary Team

Rocket City Jewelers (RCJ) News

By Leslie Malakowsky



May 29th was movie night! We watched interviews of various jewelry artists discussing their designs and implementations - what worked and what didn't work. The DVD was produced by the publishers of Lapidary Journal, Jewelry Artist magazine. On June 5th, we enjoyed making a chainmaille bracelet using the Half Persian 4-in-1 weave, and we made a sample for our collection.

Now taking reservations for the Netted Cabochons class on July 10th. The cost will be about \$2 for wire. Please RSVP to Leslie by **July 3rd**.

Upcoming Schedule:

June 19th – Chainmaille samples: European 4-in-1 weave.

June 26th – Open.

July 3rd – Open. Deadline to RSVP for July 10th class.

July 10th – Netted Cabochons

Note: For this class, you'll need a 30mm x 40mm oval cab (no smaller than 25mm x 35mm) OR a 35mm diameter round cab (no smaller than 30mm diameter). Round copper wire will be provided.

Group Leader/Lead Instructor - Leslie Malakowsky

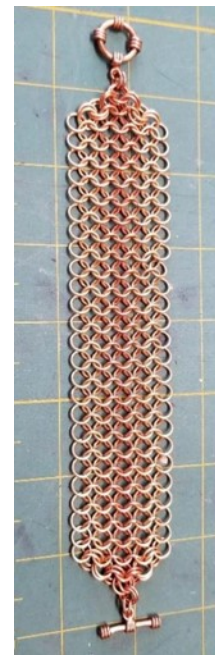
Instructors	Judy Osmundson, Myra Soroczak
Kit Manager	Sherrie Bonin
Treasurer	Clara Goode
Facebook	Karen VanBebber
Security	Joe Bonin

RCJ is open to every member of the HGMS. (Gentlemen, too!) **If you love making jewelry, please join us!** All skill levels are welcome!

Remember our core values: to share what we know, learn new skills, and have fun! Please let me know what you are able to teach and what you would like to learn.

We meet every Wednesday from 6-9p.m. in the Paint Room (next to the Lapidary Shop) at the Huntsville-Madison County Senior Center, 2200 Drake Avenue, Huntsville.

Important: Please park in the **North parking lot** and enter the building at the **entrance next to Meals on Wheels**. The door is locked after 6:30p, so if you need to arrive later, please text me and someone will let you in.



Metal Smithing/Silver Group by Kathy Bowman & Shelley Curran

Bezel Setting Class. July 18 2019

In this class you will learn to bezel set a cabochon. This is a basic stone setting method that has endless possibilities for jewelry and ornaments.

For those of you new to setting or not real confident yet starting with an oval or round stone is best. (No corners or points!). You may bring your own stone or there will be appropriate stones available to purchase.

For those of you who have done this a few times and are comfortable setting regular shape stones we invite you to bring in something more challenging.

Kit Cost: \$4.00 (plus stone if applicable). We will be working in copper but silver will be available for purchase if you wish.



Since Metalsmithing did not meet several weeks during the month of May we will not be starting a new project in June. This will be the month to finally get those "almost finished" project done or to "make up" a project class you missed. If you want to just finish up projects you started, let us know which you will be working on so we can have any special tools needed available.

We will be running on a regular Monday and Thursday evening schedule during the rest of June. The July Schedule will be as follows because of instructor classes and the July 4th holiday:

Thursday, July 4 – CLOSED

Monday, July 8 – CLOSED

Thursday, July 11 – CLOSED

Monday, July 15 – OPEN: WORK SESSION

Thursday, July 18 – OPEN: PROJECT CLASS: SETTING A CABOCHON

The balance of the month of July will be our normal Monday and Thursday work session nights.



For The Less Experienced
(rounds & ovals -no points)



For the More Confident
(odd & irregular shapes)

Certification Classes: We plan to resume certifications on a one to three person basis during Monday night work sessions instead of having one large class a few times a year in late June. If you cannot attend on Monday nights we can make arrangements for Thursday night work sessions. If you are interested in scheduling Metalsmithing Certification please send your name and contact information (name, email address, and phone number) to HGMS@wilddivystudio.com. We will contact you and set up a day for you to come. Those who sign up will be notified when the next class will be scheduled.

Volunteer Positions *

Class Instructors:

Toolbox Sign-outs

Inventory Manager

Store Manager

Kit Manager

Webpage & Social Media Management

Kathy Bowman

Shelley Curran

CG Lester

Opening

Opening

Shelley Curran

Kathy Bowman

*Note: We are all volunteers so the schedule is subject to change.

Pebble Pups

Madison County Senior Center Cafeteria
2200 Drake Ave, Huntsville AL
Brian Burgess 256-479-2993
bburgess771@gmail.com



Upcoming meeting - We will be taking the summer months off, so the next meeting will be August 27th - program to be determined, but it will be good stuff.

Mr. Brian is moving to Birmingham this month, but we are happy to know that he will return to Huntsville each month for the Pebble Pups meetings.

Brian has begun to update the Pup website calendar. As he gets confirmation on field trips, guest speakers, and club events I will add them to the calendar. The trip to the **Steven Minkin Track Site** unfortunately had to be postponed when our APS host had an emergency arise. It will be rescheduled later.

Cane Creek Canyon Report. We had two Pebble Pups families besides Mr. Bill in attendance for this fun hike. But we had plenty of company as another fifty folks of all ages joined tagged along. Jim & Faye Lacefield greeted us and gave an overview of what to expect, and noted the safety rules. He has placed restrooms and water supply barrels at various convenient places along the trails. On the hike we stopped at the water fall (water dribble?), the overlook up the canyon, eased down the steep path past sandstone cliffs laid down is what was then a shallow ocean 330 million years ago, to the shaded creek bed at the bottom of the canyon. The air was cool, the water shallow but flowing fresh. There were agates among the many gravels, some with fossils, and some with crystals. There were also salamanders, crawdads, minnows, snails, and a small water snake. After a leisurely time of collecting the crowd gradually drifted back to the house to rest and accept samples from Mr. Jim's tumbled rocks.

Cedar Creek fossils, near Red Bay AL—date yet to be settled

New members are always welcome. Bring your friends.

Enter the north door of the Senior Center, 2200 Drake Ave. and straight ahead to the cafeteria.

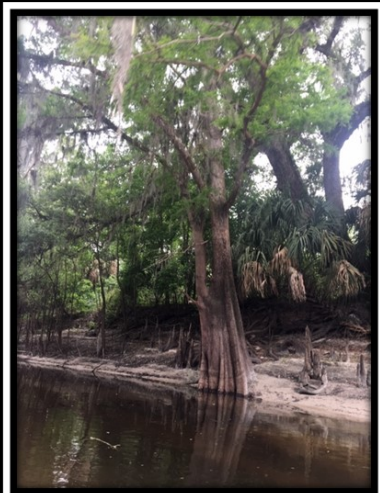
If anyone has any questions, please contact Brian 256-479-2993 or Bill Friday 256-527-8227, bill.friday@earthlink.net



GeoSciences [Geology & Fossil & Indian Artifact] ACTIVITY - June 13th

Fossils of The Peace River, West Central Florida

Hayley Nedbalski & Avery Crawford



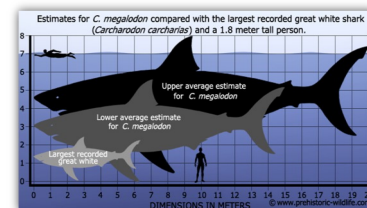
The river banks and bed span the entire Cenozoic Period, from Micene to Eocene, 25 million years, in layers only a few feet thick. The array of fossils is stunning - Megalodon, Mastodon, Mammoth, Dire Wolf, Glyptodon, Horses, plus artifacts from early Human occupation.

Hayley and Avery boated out to a likely spot and spent a couple of hours sifting through the loose soil. Their final take included many of the more interesting species, which they brought to the meeting, along with a slide show explaining the methods of collecting.

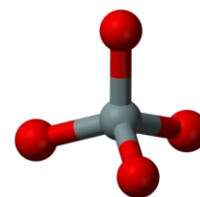
Many thanks for a fun evening.



- Megalodon
- Woolly Rhino
- Glyptodon
- Woolly Mammoth
- Mastodon
- Smilodon



Next month, July 11th, 6:30 in the Senior Center Cafeteria, Michael Cape will present the complex world of silicate based crystals. Silicates are the most common minerals on earth and exhibit a vast array of variations. We are very familiar with the quartzes but those are just the start of the list - micas, clays, olivines, tourmalines, and many more. Come and expand your familiarity with this simple but versatile crystal structure.



Dixie Mineral Council Field Trips

The Southeast Federation of Mineralogical Societies, Inc

The Friendly Federation - Founded in 1976 to serve
DMC Program of the SFMS Field Trip Committee
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These will no longer be posted in the email newsletter or on our website, since we have those open for the general public to see. The Dixie Mineral Council has to restrict access to field trip information to keep the attendance among only paid members of Gem & Mineral Societies that are part of the DMC umbrella and which have adequate insurance for their members. You will get the DMC announcements separately by email.

Mineral of the Month – Fulgurite

“When Thunder Roars Go Indoors”

By Leslie A. Malakowsky

[weather.gov/lightning](https://www.weather.gov/lightning)



This article was inspired by the National Weather Service (NWS) **Lightning Safety Awareness Week, June 23rd – 29th, 2019**. In the United States, thunderstorms are most likely to occur in the Spring and Summer months, especially from May through August. The peak season for lightning strikes in the country is June, July, and August. The Southeastern states tend to experience the most lightning strikes because the weather – cool air from the west meeting warm air from the Gulf of Mexico – is ideal for the formation of thunderstorms. The top 5 states most prone to lightning strikes are Florida, Louisiana, Mississippi, and **Alabama**, with Oklahoma and South Carolina tying for 5th place. Lightning Safety Awareness Week is an annual national campaign to help educate people about lightning and how to stay safe during thunderstorms. For more information, see the NWS website <https://www.weather.gov/safety/lightning>. Stay safe everyone!

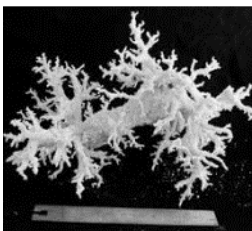
All lightning strikes that hit the ground are capable of forming fulgurites. Fulgurites are natural tubes or crusts of glass formed by the fusion of silica (quartz) sand or rock from a lightning strike. A fulgurite's shape resembles the path of the lightning bolt as it disperses into the ground.

But fulgurite is not a mineral; it's a *mineraloid*, a naturally-occurring mineral-like non-crystalline substance having a chemical composition that varies beyond the range generally accepted for minerals. (Other examples of mineraloids include obsidian, volcanic glass; jet, which is derived from wood that decayed under extreme pressure; and opal, a hydrated form of silica.)

The name fulgurite is derived from the Latin *fulgur*, meaning “lightning”. So it's easy to see how the terms “petrified lightning” and “fossil lightning” are often used in the gem and mineral trade.

The exact chemical composition of fulgurite depends on the physical and chemical properties of the ground materials – soil, sand, clay, rock, organic debris and other sediments. These materials provide an electrical and thermal *dissipation network* for discharging energy from the lightning into the ground.

The two most common types of fulgurites are sand and rock. Sand fulgurites are generally found in beach or desert regions containing clean (free of fine-grained silt or clay), dry sand. They resemble roots and/or branching tube-like structures that have a rough surface, covered with partially melted sand grains. Most lightning strikes have a temperature of approximately 4500°F, but only about 3300°F is required to melt sand.



Branching forms of fulgurite are considered homologous to the branching patterns that can form on electrical insulation during thunderstorms. (Such patterns are called “Lichtenberg figures”, named after Georg C. Lichtenberg, the German physicist who originally discovered them in 1777.)

Rock fulgurites are mainly found on the top or within several feet of mountain peaks. Mountains are natural lightning rods receiving repeated lightning strikes during thunderstorms. This type of fulgurite occurs as a coating or crust of glass in veins on a rock surface or lining pre-existing fractures within the rock.

Other forms of fulgurite include clumps, slags, vesicular (consisting of small enclosed cavities) masses, and clusters.

Such high temperatures also create *shock lamellae*, microscopic grooves arranged in parallel sets in distinct orientations. In silica, this deformation, also known as “shocked quartz”, is a telltale sign of lightning. Scientists use fulgurites to determine the frequency of lightning over a particular area over a certain period of time. Fossil fulgurites are used in the study of *paleolightning*, which helps us understand regional weather patterns throughout Earth's history.



Some fulgurites contain lechatelierite, a glassy mineraloid that's an indicator of high velocity impacts. We know this because lechatelierite is also found in *impactites*, rocks created or modified by the impact of a meteorite. The branch of science called "impact geology" is dedicated to using fulgurites to study the effects of meteorite and asteroid impacts, comet bursts and cosmic dust in Earth's geologic record.

Fulgurites occur in a wide range of diameters and lengths, and they can also penetrate deep into the ground below the surface that was struck. The Yale University Peabody Museum of Natural History displays a fulgurite that's approximately 13ft long. A 16ft long specimen was discovered in Florida (the #1 state most prone to lightning strikes). Specimens from Winans Lake, Michigan, occurred discontinuously for approximately 98ft below the surface, and the largest section was approximately 1 ft in diameter by 16ft long. But the deepest specimen found so far was 49ft below the surface!

Fulgurites are unusual natural specimens. They may be significant in cultural archaeology. For example, in 2003, a fulgurite was discovered within the ashes of the altar in the temple of Zeus (the sky and thunder god in ancient religion) on Mount Lykaion in Greece. Archaeologists speculate that that specimen may have been used in ritual activity. Today, we appreciate fulgurites for their value as tangible evidence of lightning strikes. Fulgurites are also popular among rockhounds and collectors of one-of-a-kind specimens. Even jewelry artisans have incorporated them into their creations!



References: worldatlas.com, wikipedia.org, geology.utah.gov

Brad's Bench Tips

"Bench Tips for Jewelry Making" and "Broom Casting for Creative Jewelry" are available on Amazon www.BradSmithJewelry.com

For those who enjoy these bench tips, I'm happy to announce a second volume is now available on Amazon. "More Bench Tips" includes 86 additional ways to save time, avoid frustration or improve quality at the bench. These new tips cover problems in fabrication, stone setting, casting, soldering and polishing. Browse through a couple of the new ones at <https://>



EMERY BOARDS

The sanding boards for doing your nails are one of my favorite finishing tools. I use the ones with a thin foam core. They have enough resistance to sand just the high points off a flat surface and yet give a little when you're trying to smooth off a curved surface.

Plus they're inexpensive and come in a variety of grits. Some grits are so fine they give an almost finished surface. Pick up a few at a beauty supply company or at your local drug store.



DENTAL FLOSS

When testing the fit of a stone in the bezel, it's all too easy to get it stuck. If tapping the finding or opening up the bezel a bit with a knife blade doesn't dislodge it, you might have to drill a small hole in the bottom and push it out with a needle.

To avoid all this frustration, use the old dental floss trick. Lay a piece of over the top of the bezel before you seat the stone. Then just pull on the string to remove the stone.

June Birthdays

4 Elizabeth Kowalczyk	19 Linda Sue Conception
4 Juyne Sofka	22 Gavin Crunk
5 Emma Allen	23 Jonathan Kowalczyk
5 Ruth Kemper	24 Tonya Sitko
7 Nancy Hosmer	25 Caryl Jean Nixon
11 David Inman	26 David O'Dell
12 Julia Priest	27 Dianna O'Dell
15 Matthew Kowalczyk	28 Anna Boyett
15 Al Moebes	28 Lori Willhoite
17 Lori Crymes	



June
Pearl

Anniversaries

5 David & Karen Bath	19 Michael & Sheila Cape
5 Eva & Dan Ziegler	21 Lawrence & Diana Nelms
7 Bill Sweetman	22 Mike & Karon Baerlin
8 Charlie & Lori Willhoite	22 Margaret & Grady Harmon
9 Jimi & Tonya Sitko	23 Tom & Alicia Detwiler
12 Wayne & Polly Falkenberg	24 Dennis & Patty Jo Adomatis
13 John & Ivey Cook	29 Caryl & David Nixon
15 David & Tracey Inman	30 William Aycock

July Birthdays

2 Katie Beth Allen	13 Jerry McDaniel
6 Isaac Burgess	19 Stacy Walbridge
6 Ken McCormick	18 Abigail Inman
7 Tom Detwiler	21 John Lindberg
9 Liz Cooper	25 C.G. Lester
10 Sarah Jennings	26 Fritz Detwiler
12 Lucy Allen	26 Clara Goode
12 Kathryn McCullough	27 Angela Kowalczyk
13 Linda Aycock	30 Bruce Kowalczyk

Anniversaries

3 Jim & Bonnie Treadway
13 Linda Aycock
13 Jerry & Cynthia McDaniel
26 Elroy Walker
28 Steve & Sheila Tesh
29 Mike & Ardie Mannay
31 Toni Robert



July
Ruby

June 2019 - Senior Center Lapidary Lab Schedule

To use lapidary equipment, you must be certified unless a licensed instructor is present currently: Bill Friday, Joe Bonin, & Michael Cape

Monday	7:30am-4:30am	Open Lab: Lapidary - certified Seniors & HGMS age 60+
	6:00pm-9:00pm	Open Metal Smithing - Only certified HGMS 18+
Tuesday	7:30am-9:00am	Open Lab: Lapidary - certified Seniors & HGMS 60+
	9:00am—Noon	Silver Jewelry - Ron West, Instructor - Seniors & HGMS 60+
	Noon -3:00 pm	Silver Jewelry - Terry Clarke, Instructor - Seniors & HGMS 60+
	3:00pm-4:30 pm	Open Lab: Lapidary - certified Seniors & HGMS 60+
	6:00pm-9:00pm	Open Lapidary - Only certified HGMS 18+
Wednesday	7:30am-4:30 pm	Open Lab: Lapidary - certified Seniors & HGMS 60+
	6:00pm-9:00pm	Open Lapidary - Only certified HGMS 18+
	6:00pm-9:00pm	Open Jewelry - Only certified HGMS
Thursday	7:30am-9:00am	Open Lab: Lapidary - certified Seniors & HGMS 60+
	9:00am-11:30am	Silver Jewelry - Ron West, Instructor - Seniors & HGMS 60+
	Noon-3:00pm	Wood Carving - Copeland, Instructor - Seniors & HGMS 60+
	3:00pm-4:30 pm	Open Lab: Lapidary -certified Seniors & HGMS 60+
	5:30pm-9:00pm	Metal Smithing & Jewelry Classes— Only certified HGMS 18+
Friday	7:30am-12:00am	Open Lab: Lapidary - certified Seniors & HGMS 60+

2019 HUNTSVILLE GEM & MINERAL SOCIETY OFFICERS

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soroczak@yahoo.com

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Show Volunteer Chair: Open

Show Publicity Chair - Tony Smith

tsmith@erc-incorporated.com

Show Treasurer: Clara Goode, 256-883-9194

clarag1964@gmail.com

PURPOSE OF THE SOCIETY: The Huntsville Gem & Mineral Society is a non-profit educational organization for people interested in mineralogy, geology, paleontology, and related lapidary arts. Its primary purpose is the education of the members and the general public in these areas. This purpose is accomplished through programs, shows, lectures to school children and organizations, and exchange of rocks, minerals, artifacts, and newsletters.

DUES: Annual dues are \$15.00 per person, \$20.00 per family, and are due on January 1st of each year

Membership Applications may be found at our webpage www.Huntsvillegms.org, at meetings, or the lab

MEETING PLACE: Huntsville/Madison County Senior Center, 2200 Drake Ave, Huntsville, AL at 6:30pm.

DATE: Fourth Tuesday of each month except for April Auction, June picnic, Christmas Dinner and major holidays.

Federation Liaison: Huntsville Gem & Mineral Society, 131 Oakland Trace, Madison AL 35758

Attn: Les Bartel

**The Society is affiliated with the American Federation of Mineralogical Societies ,
the Southeast Federation of Mineralogical Societies, and the Dixie Mineral Council**

Federation Newsletters:

SFMS: www.amfed.org/sfms/lodestar_newsletter.html

AFMS: www.amfed.org/news/default.htm

DMC: http://www.amfed.org/sfms/_dmc/dmc.htm



2019 CALENDAR



June - no monthly meeting

29 Jun '19 (Saturday) - Annual Picnic and Rock Swap - Monte Sano State Park,
Huntsville - Large Pavilion in the Picnic Area - 9:00 till 2:00

23 Jul '19 Regular HG&MS Meeting, Madison County Senior Center,
2200 Drake Ave, Huntsville, AL 6:30pm

27 Aug '19 Regular HG&MS Meeting, Madison County Senior Center,
2200 Drake Ave, Huntsville, AL 6:30pm

24 Sep '19 - Regular HG&MS Meeting, Madison County Senior Center,
2200 Drake Ave, Huntsville, AL 6:30pm

11-13 Oct '19 HGMS Fall Show, Jaycees Bldg, 2180 Airport Rd, Huntsville AL

22 Oct '19 - Regular HG&MS Meeting, Madison County Senior Center,
2200 Drake Ave, Huntsville, AL 6:30pm

26 Nov '19 - Regular HG&MS Meeting, Madison County Senior Center,
2200 Drake Ave, Huntsville, AL 6:30pm

10 Dec '19 - Annual HG&MS Christmas Dinner
Date, Time, and Place to be determined

Deadline for Next Newsletter— July 12, 2019

**Dated material
Do not Delay**

Rocket City Rocks & Gems
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