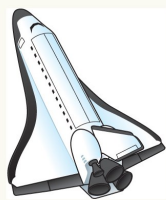


ROCKET CITY ROCKS & GEMS



The Monthly News Bulletin of the Huntsville Gem & Mineral Society, Huntsville, Alabama

Volume 54 No. 7

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

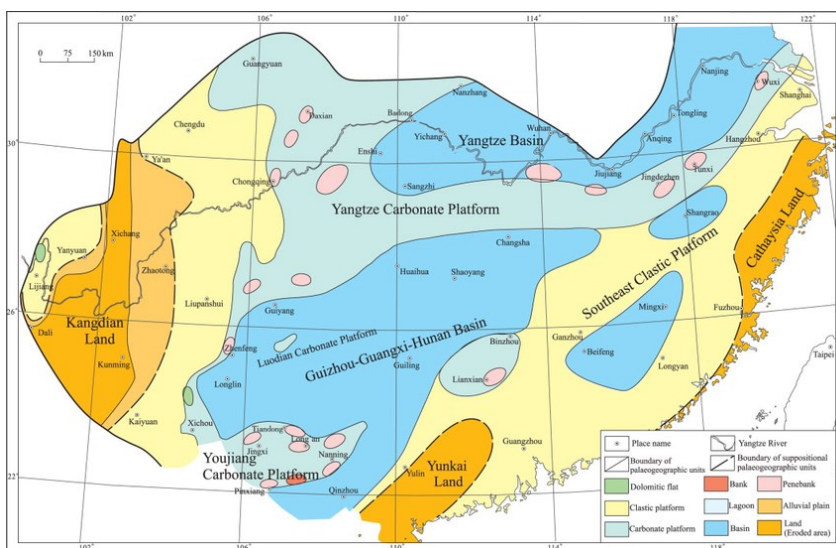
July 2022

INSIDE THIS ISSUE

Minutes June Meeting	2
Picnic Report.....	3
Speaker information	3
Metalsmithing Corner	4
Lapidary Lab Update	4
Rocket City Jewelers	5
Future Rockhounds of America.....	6
Brad's Bench Tips	7
Mineral of the Month	8
DMC August Field Trip- Ours!!.....	9
Jul/Aug Birthdays/Anniversaries....	10
Activity Schedule.....	10
Executive Board & Committees.....	11
Calendar.....	12

HGMS Membership Meeting July 26, 6:00

Neda Mobasher will describe the diagenesis, that is transition of carbonate sediments into dolomite and calcite of the Great Bank Carbonate Platform in south China, formed during the Triassic period around 240 million years ago. She used geochemical and geothermal techniques to construct the geologic history of the platform.



Web Page - www.huntsvillegms.org/



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Minutes from the June 28, 2022 meeting of the Huntsville Gem & Mineral Society

Meeting opened at 6:30 with the welcoming of guests. Tammy Lynn and Carol Lynn from Decatur were new visitors.

James Lowery was our speaker describing the Wetumpka Impact Crater. He also works with the Historic Birmingham Mineral Railroad Tours and is interested in giving us a talk on moving minerals, mostly iron, by train.

Previous meeting minutes as posted in the June Newsletter were approved and recorded.

Picnic was a success. Approximately 50 members and guests showed up. We increased the budget to cover the extra cost of picnic meat.

Outreach Events were Burritt on the Mountain Museum and Early Works Museum. Early Works had about 7 HGMS volunteers for 50 kids, with a coloring station, fossils, minerals, petrified wood, and rocks of Alabama, with a free rock for each participant. Burritt was Workshop called Geology Rocks. Program was about 45 minutes in total for 20 kids ages 8-15.

Officers are considering how to efficiently vote in the future by email.

Treasurers report \$13,923 in the budget. Board meeting is needed to figure out where the money is planned to go.

Membership chair wasn't present. We have new members joining on a regular basis.

RCJ wasn't present to give a report.

Metalsmithing's July project is cuff bracelet with odd-shaped stones. It's in the newsletter. Email Kathy Bowman. Jan Edmunds is teaching a 6 week beginning metalsmithing class. Email Jan at Edmundsjan@gmail.com. Next metalsmithing certification class may be the third week of July. Last class was put off due to HVAC issues.

Future rockhounds went to Twenty Mile Creek near Booneville MS. It was hot but sitting in the water made it a pretty good time. Resident expert Robert Langford was there to identify fossils collected by participants. HGMS had five families present.

Lapidary report. Cleaning the saws once a week has been effective but the 24 inch saw needs to be done once a week as well.

Geoscience is still in the works. We need some real in-depth speakers.

Display cabinets will be discussed later by Bruce.

Next Dixie Mineral Council field trip is Thermal City Gold Mine North Carolina with 35 slots open. Contact is in the newsletter. HGMS is sponsoring a DMC Hogg mine trip In August.

July 26th is the next meeting.

Myra Soroczak wants to donate an Alabama Geological Survey map. Wants it placed where kids can see it. It will need a pick-up. Anthony and/or Bill will be able to pick it up. She suggested a speaker on Ammolites.

New lapidary hours are posted in the newsletter but are subject to change.

Meeting closed at 8:11.

The HGMS Summer Picnic was attended by a larger crowd this year than in the last few years! We had several first-time attendees and we missed several of the folks who normally come but overall we had over 50 in attendance.

It was cool under the pavilion and never got unbearably hot for the most part. The food (from Ted's BBQ, pulled pork and chicken) arrived around 11:50 and there were lots of side dishes provided by those in attendance! And lots of great deserts! Our esteemed president, Anthony, announced the meal officially to commence and we all piled our plates high and enjoyed! There were several members who had tables set up for swap & sell, and lots of transactions took place.

All but a small amount of the chicken and pork were consumed by the attendees and most of the leftover food was claimed/packed up and cleaned up by 2:00 PM. A great time was had by all!



Our HGMS Meeting Speaker this month is Neda Mobasher, who earned her Bachelor of Science this month from the University of Wisconsin - Green Bay. Her Thesis was the topic of this month's HGMS meeting presentation. She will start classes in Oceanography next month at Florida State University. Her presentation will be based on her position as an undergraduate research assistant at the university of Wisconsin - Green Bay. There she studied the diagenesis of dolomite and calcite in the Great Bank of Guizhou Carbonaceous Platform in the Nanpanjiang Basin, dating from the Triassic period . She did her field work on-site in south China using geochemical and geothermal techniques to construct the geologic history of the area.

Undergraduate Research Trainee, Green Bay, WI - Mentor: Dr. John Luczaj

NSF funded project on the mechanisms of regional dolomitization on the Great Bank of Guizhou, south China. Methods of analysis included petrographic analysis, fluid inclusion microthermometry, thin section production, stable isotope analysis, LA-ICP-MS, use of rock saws, X-Ray diffraction, scanning electron microscopy, and cathodoluminescence. She conducted an independent student research project with presentations at academic conferences over the course of the 2021-2022 academic year while writing an undergraduate thesis.

U.S. Space and Rocket Center, Huntsville, AL May 2019 to Aug 2019 **Crew Trainer**, Space Camp

- Conduct lecture presentations children ages 8-14 on space history, rocket anatomy and model rocket construction.

See her abstract at <https://gsa.confex.com/gsa/2021AM/webprogram/Paper368184.html#:~:text=The%20Great%20Bank%20of%20Guizhou%20%28GBG%29%2C%20located%20in,of%20dolomitized%20rocks%20and%20their%20relationship%20with%20calcite> .



Metal Smithing - Shelley Curran & Kathy Bowman

For August we're going to do a catch up month. Many of you have been taking classes but have never quite finished all your projects. I'd like you to bring in all your unfinished pieces and we'll spend the month getting them done. If you don't have much unfinished work why not start a project of your choice. We'll be there to help.

A few people have posted pictures of their finished bracelet from the July Class on our metals page on Facebook. (You have to join the group to comment. HGMS Metalsmithing Group) I'd love it if more were posted. I always find it interesting when a group of people given essentially the same materials and instructions come up with variations on a theme.

Jan's class is ongoing, meeting at 9:00 AM on Mondays.

The Metals classes and open studio meet on Mondays and Thursday evenings from 5:00 - 9:00 PM. and the first Saturday of the month from 9- 3:00 pm.

More news on certification later on.

Volunteer Positions *

Class Instructors:

Kathy Bowman

Shelley Curran

Jan Edmunds

Tools/Equipment Inventory

Annie Diekmann

Store Manager

Opening

Kit Manager

Shelley Curran

Webpage & Social Media Management

Kathy Bowman

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

So what is happening in the Lapidary Lab? By Bill Friday

The place is now available every day of the week at some time or other. See the schedule on page 10 below. Since everyone now checks in with the keypad at our front door, we have a record of all attendance since August 2020. The total of all who have spent time in the Education Center is approximately 4125 members and several guests, plus those who came in without punching the buttons. Some members are more active than others, seeing as how around 2800 of those visits were made by only 30 members who were in the building at least 30 times, with a few over a hundred times, one over 200 times, and two who signed in over 300 times. This includes all Activities - Lapidary, Rocket City Jewelers, Metal Smithing, Future Rockhounds, GeoSciences, and Monthly Membership Meetings.

We recently added 72 new lockers, spread around the building, in addition to the 21 already on hand in the Lapidary room. The new ones could use a coat of paint but are functional. Same price - \$10 per year.

The EverClean oil recycler is about as messy as ever, but it is fast, efficient, and wastes very little of the very expensive oil. The four 14" saws are cleaned each week in less than an hour total, and the 24" needs about an hour. Anyone who is anxious to pitch in and help with this is welcome - training is available.

An order for new saws and wheels is being put together.





Rocket City Jewelers (RCJ) News

By Leslie Malakowsky

This month, we're celebrating Christmas and the Holidays in July! We already made a wirework Christmas Tree-shape pendant for some wirework practice. On the 20th, we're making a Candy Bracelet consisting of red and white chainmaille and green beads. See schedule for details.

Coming up in August, we're making a Fall Leaf Pendant for more wirework practice and a bracelet of "Inverted Round Maille" weave on a leather cord. See schedule for details. **Note the deadline to RSVP for the Inverted Round Maille Bracelet is August 3rd.**

Note: We still have lots of donated items that we can't use. Stop by the small bench in the corner of our room and have a look. You pick the price. Proceeds go directly to RCJ.

Upcoming Schedule:

July 20: 6p-9p, **Candy Bracelet.** Kit cost \$11. This chainmaille project has a simple chain of "moibus" units woven out of red and white rings combined with green glass "donut" beads. It's an easy weave and cute for the holidays. You need to bring 2 pairs of flat nosed pliers (DIPPED IN TOOL MAGIC or WRAPPED IN TAPE). We still have openings in this class!



August 3: 6p – 9p, **Fall Leaf Wire Pendant.** Kit cost \$5. We'll make a copper wire leaf-shape pendant decorated with a few small copper beads. The pendant measures 1.25" x 2". You need to bring flat or chain nosed pliers, round nosed pliers, cutters, hammers and a bench block (if you have them). We have openings in this class.

August 17: 6p – 9p, **Inverted Round Maille on Leather Bracelet.** Kit cost \$5. We'll make Inverted Round Maille weave out of bronze rings around a brown leather cord to form a bracelet. You need to bring 2 pairs of flat nosed pliers, cutters and a ruler. **Deadline to RSVP is August 3rd since rings need to be cut for this kit!**



Meeting Times: Classes are from 6p – 9p on 1st and 3rd Wednesdays. Make up and "Finish It" sessions are from 2p – 5p on 2nd and 4th Wednesdays. (Meeting times and activities on 5th Wednesdays are TBD.)

Class Reservations: You must contact Theresa **two weeks before class** to reserve your kit. You can also reserve kits in person at RCJ meetings up to two weeks before class. Please Call, Text or Email Theresa Chivers at 256-509-0406 (wolfson929@gmail.com).

Meeting Location: The HGMS Education Center, 7901 Bailey Cove Road SE, Huntsville. Enter the South parking lot off Bailey Cove Road SE, drive through the lot to the Education Center (long narrow building at the back), turn left, park directly opposite the building, and enter the double glass doors on the West side of the building. **Note:** The doors will be unlocked for the first hour. After that, the doors will be locked, and you will need to call **Judy (205-541-7207)** or **Theresa (256-509-0406)** to let you in.

Volunteers:

Instructors	Judy Osmundson, Theresa Chivers, Leslie Malakowsky
Point of Contact/Kit Reservations/Security	Theresa Chivers
Kit Manager/Treasurer/Security	Judy Osmundson
Membership/Publicity/Inventory	Leslie Malakowsky

RCJ is open to **every member** of the HGMS. (Gentlemen, too!) If you love making jewelry (especially with gemstones), please join us! All skill levels are welcome! Please contact Judy with your class ideas or "pin" your ideas on our Pinterest page. We'd also like to know what you're able to teach.



Future Rockhounds of America Thursday June 23rd, 6:00pm

Hello Future Rockhounds!

The next meeting of Future Rock Hounds of America is July 28. We are starting the Earth Processes badge. That means learning about the layers of the earth, plate tectonics, and how geological formations are made.

We will be able to apply the real life examples we have seen from our field trips to the new information. Too bad we can't do a field trip to Hawaii!

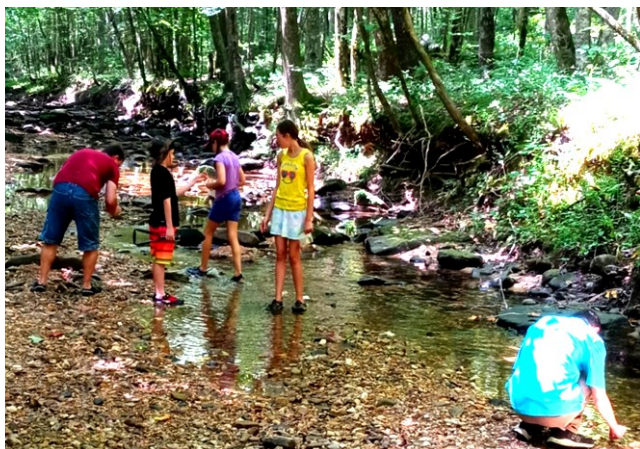
For the Trip to Cane Creek Canyon, our hosts Jim & Faye Lacefield showed and explained samples of the types of rocks and artifacts to be found in the Canyon. The hike had eleven of us peering from a high waterfall (dry), winding down a steep canyon path, and wading in the Creek searching for agates, which were plentiful, and some were also petrified wood. There were crawdads and a water snake, plus huge sandstone shelter. The hike back to the house was along a gravel road, much less strenuous but long and a bit hot.



Field Trips



Earth Processes



Upcoming for August

Now that we have collected some great rocks and fossils it is time to get organized and see what we have. In August, we will discover different types of collections and what information is helpful to have for our collections and the specimens. Bring a collection of your specimens in August. This will support the collecting badge (5) and communication badge (7).



Communication



Collecting

We can't wait to see you at our next meeting!
Bring your Friends.

Your Rock Hound Leadership Team

Karen Allen— karenhsv@gmail.com

Mike Harrison - campcraft.mike@gmail.com

Dee Dee Morton - deemorton@hotmail.com



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.



HOMEMADE WAX TOOLS

Save your used X-Acto or scalpel blades for utility work on the bench. They're wonderful for delicate wax work. Use a cutoff wheel or other type of grinding wheel to shape the blades to what you need.

For instance, you can carve away excess metal on the spine to make yourself some narrow carving knives that do a great job of detailing small pierced areas of your waxes.



REMOVING A STONE FROM A BEZEL

If you've forgotten to use dental floss and got your stone caught in a bezel, there's one thing you can try before starting to pry.

Find some sticky wax or beeswax. Roll it into a pencil-sized cylinder and stick the end onto the top of the stone. Mold it on well and yank.

But if the stone is really stuck, there are two other tricks - but each with risks and consequences. The first is to pry open the bezel with a sharp knife blade being very careful not to wrinkle or tear the bezel. If you try this, make sure to pry gently in several passes around the stone.

The last solution is to drill a small hole into the bezel setting from the back side so that you can push the stone out. Note that this does leave a hole, but in some cases you can use it to saw out a design under the stone.

More smart solutions for your jewelry making problems can be found in my metal arts books on Amazon at <http://amazon.com/author/bradfordsmith>

And if you enjoy these tips on jewelry making, take a look at the sample chapters from:

- > Bench Tips 1 - <http://amzn.to/1Z6hQ06>
- > Bench Tips 2 - <http://amzn.to/2KCygh4>

Mineral of the Month – Sunstone

By Leslie Malakowsky



As we move into the hottest part of Summer, what better mineral to feature this month than sunstone? Sunstone is a plagioclase feldspar with the chemical formula $(\text{Ca},\text{Na})(\text{Al},\text{Si})_2\text{Si}_2\text{O}_8$. Feldspars are a group of rock-forming aluminum tectosilicate (having a three-dimensional framework of silicate tetrahedra) minerals. The most common members of the feldspar group are the *plagioclase* feldspars. (Plagioclase that contains sodium or calcium is called *oligoclase*, while plagioclase that contains potassium is called *orthoclase*.) Plagioclase is a major constituent mineral in the Earth's crust, making it a useful diagnostic mineral for identifying the composition, origin, and evolution of igneous rocks. Fun fact: Plagioclase is also a major constituent of rocks on the Moon and on Mars!

Sunstone can be colorless, orange, yellow, red, green, blue, or brown. Sunstone typically sparkles in the middle, and the color is darkest in the middle and lightens toward the outer edges. Sunstone is aptly named after the largest object in our solar system – the Sun (or Sol). This is because when viewed from certain directions, sunstone exhibits a spangled appearance. This optical effect is due to reflections from inclusions of red copper, hematite, or goethite. (In a variety known as Oregon Sunstone, a labradorite, the optical effect is called *schiller* due to inclusions of elemental copper.) The inclusions occur as minute hexagonal, rhombic or irregularly-shaped scales oriented parallel to the principal cleavage plane of the mineral. This gives the stone an appearance similar to aventurine. That type of sunstone is known as "aventurine-feldspar", which is an oligoclase feldspar. But sometimes the effect can be seen in orthoclase feldspar. Hence the two kinds of sunstone are distinguished as "oligoclase sunstone" and "orthoclase sunstone". (For more information on the properties of sunstone, please consult your favorite mineral reference.)



Sunstone from Telemark,
Norway

The best known place to find sunstone is Southern Norway, where masses of the mineral occur embedded in veins of quartz running through the metamorphic rock called gneiss. Other international localities include Sweden, Siberia, and South Australia. In the United States, the most notable localities are in Middletown Township, Delaware County, Pennsylvania; Plush, Oregon; and Statesville, North Carolina. Sunstone is also found in Pleistocene (the geologic epoch that lasted from about 2,580,000 to 11,700 years ago) basalt flows at Sunstone Knoll in Millard County, Utah. The "orthoclase sunstone" variety has been found near Crown Point and at several other localities in New York, at Glen Riddle in Delaware County, Pennsylvania, and at Amelia Courthouse, Amelia County, Virginia. The Oregon Sunstone variety is found in Harney County, Oregon and in eastern Lake County North of Plush. This

variety is unique because the elemental copper crystals can be as large as 3" wide! The presence of copper causes various colors when the stone is rotated. The more copper within the stone, the darker its complexion. Fun fact: On August 4, 1987, the Oregon State Legislature designated Oregon Sunstone as its state gemstone.



A pair of sunstone
briolette earrings

Sunstone may have been used in medieval times for orientation and navigation. One medieval reference in Iceland mentions that sunstone could be used to locate the sun in an overcast and snowy sky by holding it up and noting where it emitted, reflected, or transmitted light. But the mineral didn't become popular until recently, especially as a gemstone for jewelry making. Fine gem quality sunstone comes from Oregon. These gemstones are never heat treated, irradiated, or colored, but left completely natural. (But always buy from a reputable source just to be sure.) The highest quality sunstone has a deep red color similar to ruby or spinel. The next best quality has a green secondary color. But most commonly affordable sunstones are colorless, yellow, orange, or brown. Another tip about identifying authentic sunstone is that its color is stable and won't fade when exposed to light.

References: en.wikipedia.org, mindat.org



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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An Official Field Trip of the Huntsville Gem and Mineral Society (Huntsville, AL) (HOST)

Hogg Mine LaGrange, GA Saturday, August 13, 2022
Meet at 8:30 AM Eastern Time Collect from 9:00 AM until 5 PM
Fee: \$35 per person over 16 <https://www.hoggmine.com/>

COLLECTING: The Hogg Mine started out as the Oxford Mine in 1942 to mine beryl to produce beryllium. Commercial operations shut down in 1960. The site has been opened off and on since then for specimen mining and is currently managed by Chris Painter. The site is a surface mine pit approximately 650 feet long with an east – west orientation. The parking area is at the east end of the pit. As you enter the pit from the parking area there is a trench approximately 150 feet long and to your right. Here has been found large green Aquamarine beryl and pockets of green Aquamarine beryl. As you enter the main pit area, there is a tailing or spoil pile to your left that came out of the pit in front of you. There has been several large nice gemmy Aquamarine beryl specimens come from this area. The main pit in front of you has a plethora of treasures, Rose Quartz, Smoky Quartz, banded Quartz, Beryl in matrix with the quartz, Tourmaline in matrix with the quartz, etc. The last area of note is at the western end at the back of the pit. There has been a new smaller pit dug in the last year and some very nice Blue Aquamarine Beryl has been found. The new pit was dug because an old drilling report had indicated that Amethyst was found. There are pieces of Amethyst coming from the new pit.

BRING: Bring all the tools you have: pick, shovel, screen, rock hammer, hand sledge, rock chisel, bucket, hand cart, etc. The Hogg does sell some tools in limited quantities. It would be a good idea to bring an extra change of clothes. The pit can be muddy and wet.

REQUIREMENTS: Arrive at the mine before 9:00 AM Eastern (8:00 AM Central) to pay, complete paperwork, and receive a safety briefing. The mine crew will direct you where to park. Follow directions of the on-site crew. Practice social distancing from groups you are not part of. For more information visit <https://www.hoggmine.com/?adlt=strict>

CHILDREN: Yes, bring the whole family. Please supervise your children. There must be one paying adult for every four children under 17

PETS: No.

NO alcoholic beverages allowed.

FACILITIES: There are stores and fast-food restaurants within ~ 3 miles of the mine site.

ADDITIONAL INFORMATION: There are several hotels in LaGrange within 4 miles of the mine.

DIRECTIONS AND WHERE TO MEET: Do not meet at the McDonalds in LaGrange. Meet directly at the mine before 9:00 AM Eastern time. The mine is located at 2408 Whitesville Rd, Lagrange, GA 30240.

FROM I-85 S (From Atlanta): Take Exit 13 and turn right (south) onto 219 (Whitesville Road). Stay on 219

for about 3.5 miles. As soon as you pass mile marker 5 (on your left) the entrance will be the first driveway on the right.

GPS 32.9384109,-85.0217343, or 32° 15' 15", 85° 59.94"

CONTACT: Anthony Zwilling (256) 541-8894; afzwillling@gmail.com

IMPORTANT: DMC field trips are open only to members of clubs in the SFMS field trip sharing program. SFMS DMC club members are covered by liability insurance and they are bound by the AFMS code of ethics (click [here](#) to read them), but the general public is not and could jeopardize access to a collecting location. So, unless the property owner has invited non-SFMS attendees, the general public is not allowed on DMC field trips. **Please do not post DMC field trip information where the general public can access it.**



July Birthdays

2 Katherine Allen	12 Kathryn McCullough
2 Veronica Dunn	19 Kristi Kazi
4 Don Sullivan	19 Stacy Walbridge
6 Isaac Burgess	20 Buddy Wilson
6 Ken McCormick	25 C.G. Lester
6 Elise Price	26 Clara Goode
7 Kyler Dunn	27 Angela Kowalczyk
9 Liz Cooper	27 Kathy Tygielski
9 Brant Kosten	30 Bruce Kowalczyk
10 Cheryl Price	31 Donta Lattimore
12 Lucy Allen	Kerry Lester

Anniversaries

3 Jim & Bonnie Treadway
11 David & Nancy Hosmer
27 Liliane Boctor
28 Steve & Sheila Tesh
31 Stacy & Kathi Walbridge



July
Ruby

August Birthdays

2 Lawrence Nelms	18 Will Bryan
4 Brooks Glover	19 Jimi Sitko
9 Rashodd Van	24 Brian Allen
12 India Shields	25 Brendalynn Triplett
14 Norah Joyce	28 Evan O'Dell
14 Kate Leonard	28 Jerry Osmundson
15 David Peters	29 John Wright
	31 Lauren McCullough

Anniversaries

1 Clara & Mike Goode
3 Brian & Karen Allen
4 Florence Mims
9 Lowell & Betty Zoller
25 Jim & Ola Ann Lee
28 Anita Bynum
31 Becky Rollston



August
Peridot

The Huntsville Gem & Mineral Education , 7901 Bailey Cove Rd. SE, Huntsville AL 35802

Metal Smithing Instructors: Shelley Curran, Kathy Bowman, Jan Edmunds

Lapidary: Bill Friday, James Yack, Bruce Kowalczyk, Anthony Zwilling, Shady Sanchez, Haley Middleton

Rocket City Jewelers: Judy Osmundson, Theresa Chivers, Leslie Malakowsky

Future Rockhounds: Karen Allen, Mike Harrison, Dee Morton

Monday	Metal Smithing	5:30pm - 9:00pm
	Lapidary	1st Monday each month 9:45am-2:00pm
	Lapidary	6:00pm - 9:00pm
Tuesday	Lapidary	9:00am - 2:00pm, 6:00pm - 9:00pm
	HGMS Meetings	6:00pm - 8:30 4th Tuesdays
Wednesday	Lapidary	6:00pm - 9:00pm
	Rocket City Jewelers 1st & 3rd Weeks	- 6:00pm - 9:00pm
	Rocket City Jewelers 2nd & 4th Weeks	- 2:00pm - 5:00pm
Thursday	Lapidary	6:00pm - 9:00pm
	Metal Smithing	5:30pm - 9:00pm
	Future Rockhounds	6:00 4th Thursdays
Friday	Lapidary	6:00pm - 9:00pm
Saturday	Metal Smithing	9:00am - 3:00pm irregular 1st Saturday of the Month
	Lapidary	9:00am - 12:00pm
Sunday	Lapidary	12:00 to 3:00

2022 HUNTSVILLE GEM & MINERAL SOCIETY EXECUTIVE BOARDPresident– Anthony Zwilling - afzwillling@gmail.comVice President - Bill Friday - bill.Friday@earthlink.netRecording Secretary: James Yack - jamesgyack@gmail.comTreasurer: Clara Goode, 256-883-9194 - claragoode1@comcast.netNewsletter Editor: Bill Friday - 256-527-8227 - bill.friday@earthlink.net**Past President: Mike Harrison** - campcraft.mike@gmail.com

Directors at Large:

Gene Powers - genepowersgddm@gmail.comLes Bartel - lester.bartel@gmail.comShelley Curran - curranshelley1@gmail.comIsabel Leon y Leon- isabel.leonyleon@gmail.com**2022 COMMITTEE CHAIRS****Property: Michael Cape**macape@knology.net**Program Chair—Bill Friday**bill.friday@earthlink.net**Webpage: Leslie Malakowsky,**lmalakowsky@gmail.com**Auction Chair: Shelley Curran**curranshelley1@gmail.com**Membership: Theresa Chivers**wolfson929@gmail.com |**Field Trips: Bill Friday**bill.friday@earthlink.net**Hospitality: Mike Harrison**campcraft.mike@gmail.com**Publicity: Open****Show Chair: Tony Smith, 256-603-3095.**tsmith@erc-incorporated.com**Show Vendor Chair: Lowell Zoller, 256-534-8803**Lzol@comcast.net**Show Publicity Chair - Tony Smith**tsmith@erc-incorporated.com**Show Treasurer: Clara Goode, 256-883-9194**claragoode1@comcast.net**Mineral ID: Lowell Zoller**Lzol@comcast.net**Facility Administrator: Bill Friday**bill.friday@earthlink.net

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 and enjoyment of the members and the general public in these areas. This purpose is accomplished through programs and activities, shows, lectures to school children and organizations, and exchange of rocks, minerals, artifacts, and newsletters.

DUES: Annual dues are \$20.00 per person, \$25.00 per family, and are due on January 1st of each year

Membership Applications may be found at our webpage www.Huntsvillegms.org or at the HGMS Education Center during a meeting or at one of our activity periods: 7901 Bailey Cove Rd SE, Huntsville, AL 35802

Meetings: 4th Tuesday of the month except for March Auction, June picnic, Christmas Dinner and major holidays.

The Society is affiliated with the American Federation of Mineralogical Societies ,

the Southeast Federation of Mineralogical Societies, and the Dixie Mineral Council

Federation Newsletters: DMC: <http://www.amfed.org/sfms/dmc/dmc.htm>

SFMS: <https://www.southeastfed.org/newsletter> - new, under construction

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



2022 - 23 CALENDAR

- 26 Jul '22 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm
- 23 Aug '22 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm
- 27 Sep '22 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm
- 14-16 Oct '22 Fall Gem Jewelry & Mineral Show
Jaycee Building, 2180 Airport Rd, Huntsville AL
- 25 Oct '22 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm
- 22 Nov '22 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm
- 13 Dec '22 - Christmas Dinner - Date tentative, Time, and Place to be determined
- 24 Jan '23 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm
- 28 Feb '23 - Regular HGMS Meeting, Huntsville Gem & Mineral Education Center
7901 Bailey Cove Rd SE, Huntsville, AL 6:00pm

<p>Deadline for Next Newsletter August 13, 2022</p>

Dated Material
Do not Delay

Rocket City Rocks & Gems
Bill Friday, Editor
2508 Excalibur Dr.
Huntsville, AL 35803
July 2022