

ROCKET CITY ROCKS & GEMS



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

Volume 50 No. 8

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

August 2018

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Program for August 28th, 2018 Meeting

Dawn Hagood is a Graduate Gemologist, Bench Jeweler and Fine Jewelry Designer.

With over 20 years of experience in the industry, Dawn is a valued member of the Osborne's Jewelers family. A graduate of G.I.A. and an expert in custom pieces, she is one of the most creative jewelry minds in this field.



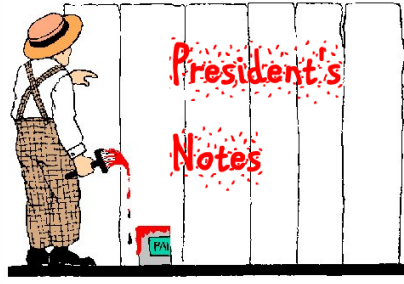
Some of her most breathtaking pieces have come from both family heirlooms and modern pieces alike. Jewelry is often attached to special feelings, family members and life events and Dawn shares this emotional attachment to the one of a kind pieces that she creates.



Visit us at www.huntsvillegms.org/ and www.facebook.com/HuntsvilleGMS



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As I sat in that cool stream, working to keep my screen and goody bucket from drifting out of reach, scooping shovels full of sand to be sifted for shark teeth, brachiopods, gastropods, petrified wood, ray teeth, echinoid spines, oysters, and other neat fossils, mixed liberally with gravel, sticks, and leaves, I reflected that it was a most peaceful time. No phone, friends nearby sharing the experience, kids splashing with no thoughts of the remains of ancient creatures beneath their feet.

Twenty Mile Creek is located 150 miles from my house, and for that investment in time and

gas I came home with three shark teeth - two different forms from a Goblin Shark - *Scapanorhynchus raphiodon*, and one from a Crow Shark - *Squalicorax pristodontus kaupi*, plus some petrified wood, a piece of Indian pottery, some probable shark poop called coprolites, and the hip bone of a more recently deceased deer. Local authority Robert Langford was on hand to provide the identifications for everyone. He had a great book for the site which I found on the internet - ***

A stop on the way home netted me a beautiful section of an ancient fern tree called *Sigillarius*.

This trip was set up for our Pebble Pups, but rather uncertain weather had most of them unwilling to invest in that long trip, and none actually arrived. Two other families from the HGMS did arrive from the Florence area, much closer by.

Would I go back? Most likely. My other main hobby - restoration of antique tractors, steam engines, cotton gins, and other worn out antique farm equipment - typically involves wrestling with heavy pieces of iron, some quite hot. Much fun but wearing on the muscles and arthritic joints. This jaunt had none of that.

Fossils have held a strong fascination for me since I was a youngster, and that has never faded. Some of the treasures found in my childhood on our family farm creek bank are still in my collection. Twenty Mile Creek contains the remnants of a sea floor from 75 million years back into the unfathomable past, and yet the teeth are still sharp enough to cut skin.

So, yes I will definitely go back, to relax in the water and dig in the sand. Wanna come along?

Bill Friday

*** <https://www.mdeq.ms.gov/wp-content/uploads/2017/06/Circular-4.pdf>



Howdy from Hospitality

While HGMS members busily prepare for the Fall Gem & Mineral Show October 12-14, 2018, the committee chairpersons clamor for volunteers. I may as well join the fray. Some of our new members might not know that we host a setup dinner the day the vendors move into the Jaycees' Building, 2180 Airport Rd, Huntsville, AL 35801. Our vendors and volunteers really appreciate the fact that we feed them after a long day of hard work, and our club has always come through with a nice feast. This year, we will serve the dinner earlier than we have before: 4:30 pm on Thursday, Oct. 11, 2018. If you have a favorite dish you wish to contribute, or would rather buy a package of cookies, chips & dips, cheese and crackers, fruits and/or veggies, please let me know at the phone number or email address below. I will have a signup sheet at the August 28 and September 25 meetings.

If you would rather contribute money for us to purchase food on your behalf, you can do that, too. Make checks payable to HGMS and note that it is for Hospitality.

Bring checks to a meeting or mail to Bill Friday, 2508 Excalibur Dr, Huntsville AL 35803.

Hope to see you soon! Caryl Nixon caryl.nixon@outlook.com (256) 426-6061 (Cell phone -- Call or text)

HGMS July Meeting Minutes 7/24/18, 6:30 PM

Opening: Discussion of topics brought up during the board and committee meeting last week. The lapidary lab attendance is excellent and equipment is getting used. A few saw blades have been purchased as replacements for blades where a rock slipped. Overall the lab is in good shape.

Equipment left over from the auction is sitting under the tables in the lab. Bill would like to see someone express an interest in buying it and setting it up at home.

The senior center director is interested in using the lapidary lab space to expand the wood working shop and is actively working to help us find another location where our lapidary lab can be set up. He isn't kicking us out and we can safely stay in the senior center as long as we want, but right now he's trying to arrange something at the old Grissom High School as a change of venue. That's the new Sandra Moon Community Complex at 7901 Bailey Cove Road SE.

Newsletter: The cost of mailing a newsletter each month nearly matches the membership dues. When the newsletter has an extra page or two then the mailing costs end up higher than the dues. As of the October show, the club application form will eliminate the option of having the newsletter both mailed and emailed. As of January, all remaining members will have to choose – either mail or email. All members who can should choose to receive the newsletter by email to help save the club some money.

Website: Our website, www.huntsvillegms.org, is looking good. Leslie is our webmaster and she's purging expired information, updating the enduring information, and generally making the site an up to date place to get information again. Anyone who writes articles for the newsletter should also send the information to Leslie so she can get it posted on the website.

Hogg Mine: HGMS is hosting the 28 July Hogg Mine dig with volunteers for registration and parking. This meets our obligation as members of the Dixie Mineral Council. Originally it was an annual requirement to host a dig but with DMC at 33 member clubs each one is required to be a host only roughly every 3rd year.

Madison Street Festival: HGMS has accepted an invitation to participate in The Madison Street Festival this year. It's the first Saturday in October, the 6th, from 9 AM to 4 PM and they estimating 20,000 visitors. That makes it one week before our show at the Jaycee community center, so it's a great place to promote our club and the show. We'll have a 20 foot long tent along Front Street for publicizing who we are and what we do. Bill and Brian will be there the whole day but anyone can come by and help. Setup is that morning and teardown is that night. Get with Bill for more information and to volunteer to help.

Huntsville Library: Leslie is managing an HGMS display at the main Huntsville library for the month of September. It's the big display case on the left side when you come in the main entrance. We're trying to figure out how to get a permanent display at the library but it hasn't quite happened yet. Contact Bill or Leslie for more information.

Treasurer's report. The HGMS club account has about \$7000 right now. The show account is kept separate from the club account since the show might be considered "profit" rather than the "non-profit" for the club.

Becky Farr collection: The board meeting voted to use the 4 box donation from Becky Farr as the HGMS collection for public educational efforts such as the library display or the Madison Street Festival for catching people's attention. Nice quality donations from club members are always welcome additions to the club collection.

Fall Show: Samples for the flume and gem dig will be a bit larger this year. HGMS is buying thumbnail size material to use in both areas. Other changes include the Rock Food table, which should bring in a lot of interest, and a chance to have a moon rock on display at the information booth. Lowell is working with the astronomical society on that. Joe Bonin is managing the lists of volunteers for various things we need to take care of at the show.

[Minutes Continued Next Page]

[July Minutes - Continued]

Tony reports that the show vendors are lined up, and that 8 billboards and 3 digital billboards are reserved. Bring back any yard signs from previous shows so they can be updated and used again. Need volunteers to help with setup and the vendor meal Thursday night, and with tear down on Sunday.

A motion was made and approved to purchase a new projector for the club to use. One of the requirements is Bluetooth or wireless capability so it can use a cell phone as a source, along with computers and tablets and USB sticks and DVD players or other wired inputs.

Membership: Currently we're at 216 members with 111 families. That makes us one of the largest clubs in the South East. Some of the clubs only have 10 to 15 members.

New members: Six new members at this meeting. Jim Bretes, Karen Cale, Norm and Sandy Ballas, Lori Crymes, Susan Lowman, and Herb Hocutt.

Presentation: Myra gave us a detailed presentation on Constructing / Deconstructing jewelry.

End of meeting. Snacks and open discussion.

Bob & Ruth Kemper, Secretary Team

Newest New Members Of HGMS			
Becky Rollston	Vicki Van Valkenburgh	Dan Merwin	Hocutt Herb
Ellis & Pam Comeens	Lizzy Norris	Jim Bretes	Robin Boyett
James Metzger	Christopher Trumble	Susan Lowman	Karen Cale
Joey & Cindy Bonds	Lori Crymes		

Many of these new members have recently come to the Lapidary Lab on Tuesdays and Wednesdays. The place was jumping, once with 20 of us jammed into that room - such fellowship, such fun, such noise!!! I think the newly updated Webpage had something to do with this influx. Great!

Getting Geared Up For The Fall Show

The auction is over, great job Shelley. The picnic is over, thank you Caryl. We thoroughly enjoyed it. Now let's concentrate on the Fall Show. We need volunteers Friday thru Sunday. The chairpersons are as follows:

Ticket Booth-----Catherine Trenkle
 Information Booth---Bill Friday
 Children's-----Brian Burgess
 Demonstrations----Shelley Curran
 Mining Flume-----Gene Powers
 Gem Dig-----Joe Bonin
 Set-up Dinner-----Caryl Dixon
 Displays-----To be determined

I will have sign-up sheets at the July Meeting. If you can't attend, you can call or e-mail me.

Thank You, Joe Bonin 256-503-2880 sixjsonef@yahoo.com

Rock & Gem Magazine Show Dates List

Their list at this weblink was far too extensive to reprint it all, so here is the link for you to peruse.

We are listed!! <http://www.rockngem.com/ShowDatesFiles/ShowDatesDisplayAll.php?ShowState=ALL>

Rocket City Jewelers (RCJ) News *By Leslie A. Malakowsky*

Thanks to everyone who took the “Beachy Keen” bracelet August 1st, 8th, and 15th! This class was a fun departure from the chainmaille projects we’ve been making lately. We designed 3 beach-themed bracelets using 3 different jewelry-crafting techniques then combined them into one bracelet. (Thank you, Theresa, for graciously hosting us at your home for part 1!) Alternatively, each bracelet can be worn separately or fashioned into a necklace. Leftover “ingredients” were turned into earrings.

Please note that the “Surprise Summertime chainmaille” earrings previously scheduled for August 15th will be offered at another time to be announced.

Aug. 22nd - “Bead and Barrel” bracelet. This class combines gemstone beads with chainmaille “barrels” – a weave we haven’t tried before! In our ongoing fascination with chainmaille, we have been looking for ways to incorporate gemstones, and this bracelet is a great way! As of the printing of this newsletter, there is room for 1 more student (first come, first served).

September 5th – Links 1 Make-up class. We’re offering this class again because wire links are fundamental components of contemporary jewelry crafting and several folks missed previous classes. In this class, you create 5 metal components and link them together to make a bracelet. The class size 10 students. To register, please contact me by **August 29th**.

Upcoming schedule:

August 22nd - Bead and Barrel chainmaille bracelet

August 29th - Open

September 5th - Links 1 make-up class

September 19th - Open

September 26th - Open

Lead Instructor/ Group Leader Leslie Malakowsky

Instructors Myra Soroczak

Kit Manager Sherrie Bonin

Wire Supplier Shelley Curran

Treasurer Clara Goode

Facebook Karen VanBebber

Security Joe Bonin



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Welcome new members! We’ve had an influx of new members over the past two years (in alpha order): Cindy Bonds, Anita Bynum, Dorothea Chism, Theresa Chivers, Judy Osmundson, Donna Reed, Becky Rollston, Pam Sparks and Karen VanBebber,

Editor’s Note - after Leslie Malakowsky’s hard work putting together the Mineral of the Month for July, the last paragraph got shoved off the bottom of the page and you missed the punch line. For lack of space this month to reprint the entire article, here is the missing part.

Wavellite makes a nice mineral collector’s specimen, but it’s sometimes used as a gemstone in jewelry making, too. It’s also cut and polished into decorative objects.

Interestingly, Wavellite is considered the second best-known collectable mineral in Arkansas, quartz being the first. So if you’re travelling anywhere near the Quachita Mountains this summer, maybe you’ll “catch a wave”llite specimen for your collection! Have fun!

Reference: wikipedia.org, minerals.net, mindat.org, gemdat.org



Metal Smithing/Silver Group by Kathy Bowman & Shelley Curran**Upcoming Project Class: Thursday, September 6: Shadow Box Pendant**

We will be making a shadow box pendant in September. The example pictured is only one style of shadowbox. We will have several examples of different styles. This is an intermediate project. If you have a small stone you want to use for your shadow box, you may, however you will have to construct the bezel setting. The kit will include an 8 mm round stone and a cup (we will supply in the kit). Using the cups will make the project simpler. The cost for the kit is \$7.00.



The sign up sheet for this class will be available at the August meeting and during the Thursday classes. You also may sign up by sending email to HGMS@wilddivystudio.com.

As always, on nights that we do not have an official project class scheduled anyone who is certified is invited to join us to work on your projects. Instructors are available for "one on one" instruction and help on individual projects on work session nights. Anyone who missed a particular project we have had in the past and would like to work on that project. Please notify Shelly or me and we will provide you with the kit and instructions any special tools so you can work on it during our work session nights. **Please let us know in advance if the project you want to work requires special tools or equipment we bring from home so we can be sure to have them available.**

Certification Classes: We plan to resume certifications on a one to three person basis during our regular Thursday night work nights instead of having one large class a few times a year. 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 Thursday for you to come. Those who sign up will be notified when the next class will be scheduled.

Volunteer Positions *

Class Instructors:

Kathy Bowman

Shelley Curran

Toolbox Sign-outs

Chris Kalange

Inventory Manager

Opening

Store Manager

Opening

Kit Manager

Shelley Curran

Webpage & Social Media Management

Deb Neis & Linda Haynes

*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 256-746-0641,
bburgess771@gmail.com



Our Treasures at Home

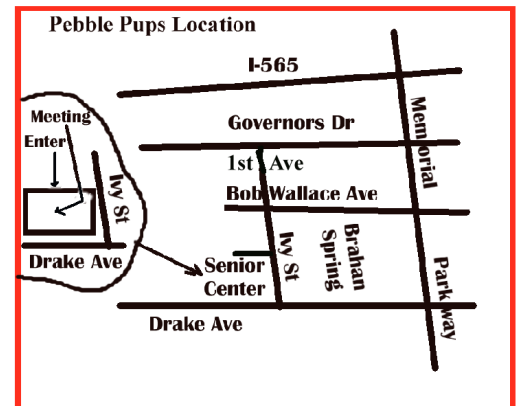
Pups have been regularly adding specimens to their collections from field trips and at meetings. Brian will present tips on how to store, display, and label your treasures. This treatment will allow you to keep these safe and enjoyable for years to come.

Cane Creek Preserve - Sep 29. Jim Lacefield will guide our group through a few million years of sedimentary accumulation as we descend into the canyon to the stream below, to collect agates and jasper samples.

Cedar Creek fossils, near Red Bay AL—date yet to be settled
 Devil's Racetrack in Huntsville—day trip to be set as it is convenient—geology hike and fossils

How about a tour of a local rock quarry?

New members are always welcome. Bring your friends.
If anyone has any questions, please contact Brian or Bill Friday



Saw Maintenance Videos from Highland Park Lapidary

I recently requested some maintenance tips from Highland Park, the suppliers of the big green saws in our Lapidary Lab. They provide links on their website for detailed instructions in how to perform these tasks. Enjoy!

Cutting oil - <https://www.youtube.com/watch?v=jvyuNnKakYI&index=6&list=PLARAALMc77rPizvVfs5qQqHimjn8XcqVW>

Sharpening blade - <https://www.youtube.com/watch?v=vaZUVBxVWdA&index=6&list=PLARAALMc77rPizvVfs5qQqHimjn8XcqVW&t=0s>

Straightening blades - <https://www.youtube.com/watch?v=x4I38vdLzMc&index=4&list=PLARAALMc77rPizvVfs5qQqHimjn8XcqVW>

Aligning saws - <https://www.youtube.com/watch?v=viORS9UPs0k&list=PLARAALMc77rPizvVfs5qQqHimjn8XcqVW&index=3>

The Lives of the Stars (Heavenly Kind that is) – Part 1 – How they Work - by Bill Friday

Stars have mystified humans from the beginning – an unchanging pattern of tiny lights plastered onto the night sky, slowly sliding across the heavens each evening. As seasons progress old friends disappear in the west as other old friends reappear in the west. That was steady enough to be comforting to the Ancients, but sprinkled in with them were the planets “wanderers”. Seven of them: Sun, Moon, Mercury, Venus, Mars, Jupiter, and Saturn, for which the days of the week are named: Sun Day, Moon Day, Mars Day, Mercury Day, Thor Day, Venus Day, Saturn Day. Notice that Earth isn’t named in there, because as the place where we stand, it didn’t move across the sky. Meteors, “falling stars”, caused momentary consternation, and comets caused genuine terror as these faint apparitions drifted across the familiar constellations.

Telescopes starting with Galileo began to reveal more detail about the planets, but the stars remained as tiny dots. They are just too far away to be resolved into disks by even the most powerful telescopes. So what are they? Once it occurred to some deep thinker that our Sun was in fact the same type body as the rest of the stars, just much closer, the study of our companion unraveled some of the mysteries of the much more distant cousins.

Gravity plays a large part in the mechanics of the stars’ machinery, but at their hearts, it is quantum mechanics that provides the driving force, that still poorly understood process where energy and mass become interchangeable. Albert Einstein worked out the math on a macro scale – as a fire burns, wood becomes gas, which burns to produce light – pure energy. An electron can collide with a positron, instantly transforming all of their combined masses into a high energy photon called a gamma ray, which can later condense into a particle of mass – $E=mc^2$.

The atomic bomb, which arose from Einstein’s theories and caused him terrible guilt, works through the breaking apart of a large atom of radioactive uranium 236, yielding two smaller atoms, Krypton 92 and Barium 141, plus three neutrons, whose combined masses are less than that of the original uranium, with the difference consisting in pure energy. The amount of mass lost is small, but “c”, the speed of light at 186,000 miles per second, is enormous, and when squared, 34 billion, explains how the total liberated heat was enough to incinerate the hearts of two great Japanese cities in 1945.

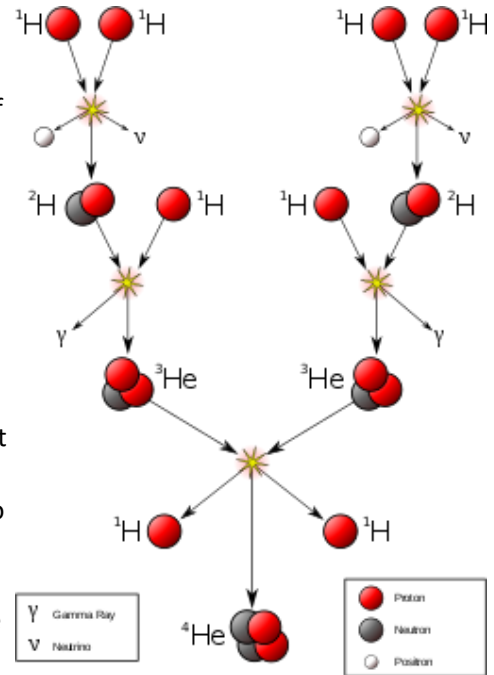
The opposite quantum mechanical process, fusion, similarly involves a conversion of mass into energy, but in the case of stars it is primarily the conversion through several steps of four hydrogen atoms, composed of one proton each, into a helium atom, composed of two protons and two neutrons.

This is where the force of gravity comes in. It is actually quite weak. The gravitational force of attraction for every object is proportional to its mass. Try jumping up as high as you can. It is the gravity of the entire Earth pulling you back down. But the total volume of the Sun is such that about 1.3 million Earths could fit inside the Sun. The mass of the Sun is about 333,000 times that of the Earth. On the scale of the sun, the pressure from gravity at its heart is enormous, heating it to around 28 million degF, great enough to fuse hydrogen into helium. It currently converts about 600 million tons of hydrogen into helium and converts 4 million tons of matter into energy every second as a result. The outward pressure from the liberated heat is sufficient to balance the gravity, and keeps the Sun from collapsing.

The particles escaping from the Sun’s surface form a powerful wind, strong enough to have stripped all of the atmosphere from Mercury and heated Venus’ atmosphere to ~1000 degF. Occasional bursts of energy from the Sun have been responsible for a number of electrical grid system blackouts on Earth. This solar wind creates the Northern Lights. Its fierce radiant heat is what keeps the Earth warm, at a distance of 93 million miles, and it lights distant Pluto, 4.5 billion miles from the Sun, sufficiently that it is visible from Earth.

The Sun has been burning its hydrogen for around 4.5 billion years, and it still has enough left for 5 more billion years. But eventually the reaction at its heart will be depleted and gravity will crush down much tighter, igniting new fusion reactions, producing carbon and enlarging Sun to swallow the Earth. Then it will slowly cool, becoming a dimly glowing ball of helium, carbon, and oxygen the size of Earth, called a white dwarf, and finally dimming to a brown dwarf.

Our Sun is typical of a vast number of the stars visible in our night sky. But there are others out there which bear only token resemblance – much larger, some unimaginably so. Their internal mechanics are much more complex, and are responsible for creating most of the heavier elements that comprise our Earth, and our bodies. They are also the source of the most mysterious members of our Universe – Black Holes. Next time we will examine some of those fantastic stars.



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://amazon.com/dp/B07D4B45JJ/>



SAWING SMALL TUBING

When making a hinged bracelet, I needed to cut 16 pieces of small diameter silver tubing. These were to be just approximate lengths and trimmed to final size after soldering. Not having a tube cutter, I had trouble holding the tubing on the bench pin while trying to saw through it.

So here's what I did. I drilled a hole in the side of the bench pin just large enough for the tubing to slide into and almost as deep as the length of cut tubing I wanted. Sawing became quick and easy. With my free hand, I inserted the tubing and held it from rotating while sawing off each length.



SECRET INGREDIENT

Those of us who use paste solders sometimes find an old tube has dried out. There should be some way to recondition it, but what to use? Calling tech support at the suppliers didn't work for me. Either they don't know what the ingredient is or won't tell you the secret.

None of us likes to waste an expensive material, especially at \$16 - 20 a tube, so I've often experimented with ways to rejuvenate it. Mixing in a liquid flux doesn't work. When the liquid starts to boil off, it spatters the solder in all directions.

But after several failed experiments I finally found a way that does work. My secret ingredient is **Vaseline** petroleum jelly. Mix in just enough to restore the consistency to something that's usable. If you use too much, the lump of solder will flow over a wide area as soon as the torch starts heating it.

If your solder is in a syringe, it can be a little difficult to get the plunger out. I find the easiest way is to poke a hole through the solder from the tip to the rubber plunger (a bur shaft was the right size for my tube). The hole allows air to enter between the solder and the plunger, allowing the plunger to be slowly withdrawn. Once the solder is out of tube, you can easily add the Vaseline, mix it up, and spoon it back into the syringe.



Dixie Mineral Council Field Trip

The September DMC trip will visit a Kyanite Mine in Dillwyn VA, between Lynchburg and Richmond on Sep 29. The rules are long, complex, and restrictive, so the full description isn't included in this newsletter. A complete copy will be available for review at the August meeting, including a signup sheet for anyone interested in attending.



Are there any more Fall Show yard signs still out there?

These signs are expensive and if they aren't returned, new ones will have to be made. Please check the corners of your garage to see if any from past years are lurking in dark corners or closets.

Thanks, Tony Smith

August Birthdays

1 Lawana Cowart	17 Mary Lauren Thompson
2 Joyce Walters	18 Will Bryan
2 Lawrence Nelms	18 Karen Ryan
4 Brooks Glover	19 Barbara Decklman
6 Devona Hawkins	20 Johanna Bray
6 Kayla Wilson	20 Emily King
8 Monica Vosper	22 Scott McCoy
10 Steven Basham	22 Steven Priest
10 Jackson Herman	24 Karen Allen
12 Mike Elrod	25 Debora Neis
13 Randy Kilgore	27 Ralph Reed
14 Mary Spaulding	28 John Burford
15 Howard Kuettner	28 Evan O'Dell
15 Jan McGee	30 Tish Hall
17 Marlene Hopkins	31 Lauren McCullough



August
Peridot

Anniversaries

1 Clara & Mike Goode	25 Jim & Ola Ann Lee
3 Brian & Karen Allen	26 Chris & June Kalange
4 Florence Mims	27 Elizabeth Lewis
9 Lowell & Betty Zoller	

September Birthdays

1 Jennifer Pinkley	14 J. P. McCullough
1 Andy Bedard	14 Sheila Tesh
1 Wayne Hastings	15 Karen Thompson
2 Michael Bedard	16 Charlie Willhoite
3 Lola Flippo	16 Eric Emerson
3 Gerdy Wyatt	16 Yamile Nuckels
4 Marlene Allen	17 Dan Merwin
5 Elke Ardal	18 Samantha Lindberg
6 Ivey Cook	18 James Steele
7 Mike Harrison	19 Mitzi Cartee
8 David Lehner	19 Susan Horway
8 Patrick Stephenson	20 Erica Emerson
9 Sophia Herman	21 Laura Carroll
10 Marie Aldridge	22 Bonnie Tanner
10 Steven Crunk	29 Dan Greene
13 Mark Falkenberg	29 Linda Lindberg
13 Anna Lindy	30 Jonathan Lear
14 Larry Augsburg	30 Miria Finckenor



Sept
Sapphire

Anniversaries

1 Frank & Shelley Curran	26 Bill & Rita Friday
6 Delora Ward	29 Mike & Theresa Chivers
11 Kelly & David Gulliver	30 Michael & Sharon Bedard
26 Debbie Deering	Bruce & Allison Kowalczyk

August 2018 - Senior Center Lapidary Lab Schedule

Lapidary, Silver Jewelry and Wood Carving—

To use lapidary equipment, you must be certified unless a licensed instructor is present

currently: Bill Friday, Joe Bonin, & Michael Cape

Monday	7:30am-9:00am	Open Lab: Lapidary - certified Seniors & HGMS 60+
	9:00am- Noon	Silver Jewelry - Ron West, Instructor - Seniors & HGMS 60+
	Noon-4:30pm	Open Lab: Lapidary - certified Seniors & HGMS 60+
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+
Wednesday	6:00pm-9:00pm	Open Lapidary - Only certified HGMS 18+
	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+
Friday	5:30pm-9:00pm	Metal Smithing & Jewelry Classes— Only certified HGMS 18+
	7:30am-12:00am	Open Lab: Lapidary - certified Seniors & HGMS 60+

2018 HUNTSVILLE GEM & MINERAL SOCIETY OFFICERS

President—Bill Friday—256-527-8227—bill.friday@earthlink.net
 Vice President— Michael Cape— 256-890-9172— macape@knology.net
 Recording Secretary: Bob & Ruth Kemper—256-489-3684— bob_kemper@yahoo.com
 Treasurer: Clara Goode, 256-883-9194—clarag1964@gmail.com
 Newsletter Editor: Bill Friday - 256-527-8227—bill.friday@earthlink.net
 Directors at Large: Steve Young— 334-300-5408—taegu_steve@hotmail.com
 Gene Powers—256-751-3067—genepowersgddm@gmail.com
 Michael Soroczak—256-446-9938—Soroczak@yahoo.com
 Ex Officio - Brian Burgess— 256-746-0641— bburgess771@gmail.com
 Federation Liaison - Mark Habercom - 256-340-8604, mhabercom@energize.net

2018 COMMITTEE CHAIRS

Membership: Bill Friday— 256-527-8227 bill.friday@earthlink.net 2508 Excalibur Dr. Huntsville AL 35803	Property: Chris Kalange, 256-883-7627 ckalange@comcast.net
Scrapbook: Dianna O'Dell, 256-828-1813	Program Chair—Myra Soroczak 256-446-9938 - Soroczak@yahoo.com
Librarian: Leslie Malakowsky, 256-755-0479	Show Chair: Tony Smith, 256-603-3095. tsmith@erc-incorporated.com
Club Publicity: open	Show Vendor Chair: Lowell Zoller, 256-534-8803 Lzol@comcast.net
Field Trips: Brian Burgess, 256-746-0641 bburgess771@gmail.com	Show Volunteer Chair: Joe Bonin, 256-859-9711 sixsonef@yahoo.com
Hospitality: Caryl Nixon 256-426-5061 caryl.nixon@outlook.com	Show Publicity Chair: Tony Smith, 256-852-3210
Mineral ID: Wayne Falkenberg— falkenbergwp@comcast.net (William Holland offers a class for this)	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 and artifacts.

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, 3015 Monterey Dr., SW, Decatur AL 35603 Attn Mark Habercom

**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



2018-19 CALENDAR

- 28 Aug '18 - Regular HG&MS Meeting, Madison County Senior Center, ` 2200 Drake Ave, Huntsville, AL 6:30pm
- 25 Sep '18 - Regular HG&MS Meeting, Madison County Senior Center, 2200 Drake Ave, Huntsville, AL 6:30pm
- 12-14 Oct '18 Annual Fall Gem, Jewelry, & Mineral Show
Jaycees Bldg, 2180 Airport Rd, Huntsville AL
- 23 Oct '18 - Regular HG&MS Meeting, Madison County Senior Center, 2200 Drake Ave, Huntsville, AL 6:30pm
- 27 Nov '18 Regular HG&MS Meeting, Madison County Senior Center, 2200 Drake Ave, Huntsville, AL 6:30pm
- 11 Dec '18 Annual Christmas Dinner—date tentative, place to be determined
No Regular HGMS meeting
- 22 Jan '19 Regular HG&MS Meeting, Madison County Senior Center, 2200 Drake Ave, Huntsville, AL 6:30pm
- 26 Feb '19 - Regular HG&MS Meeting, Madison County Senior Center, 2200 Drake Ave, Huntsville, AL 6:30pm
- Mar '19 - Annual Fund Raiser Auction - date/time to be determined
- 23 Apr '19 - Regular HG&MS Meeting, Madison County Senior Center, 2200 Drake Ave, Huntsville, AL 6:30pm

Deadline for Next Newsletter— September 15, 2018

Rocket City Rocks & Gems

Bill Friday, Editor

2508 Excalibur Dr.

Huntsville, AL 35803

HGMS August 2018

Dated Material
Do not Delay