



January Newsletter

1/2022

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**Meeting at the
715 Moose Lodge Hall
2307 Lakeside Dr.
Lynchburg, VA 24501
3rd Tuesday of the month
7:00 pm until 9:00 pm.**

**Wintery weather meetings
schedule is if the Lynchburg
schools are down for
weather then the meeting is
cancelled**

**Workshop is the 2nd Saturday
of the month.**

President's Meanderings:

By James Tomlin

Hello Everyone.

I hope you all have had a wonderful holiday and new year. I have a few things I am excited to get into very soon. I am going to be trying my hand at stone carving here soon. I am going to attempt to start off with a house hippo sometime when weather allows me to work with water outside comfortably haha. I will be more than likely getting some sandstone or other softer material to start. I have a few years of carving experience with wood but this will be my first time attempting stone. Wish me luck, I'll need it. Another adventure in creativity I would love to give a go is polishing a few large rocks in my yard and trying my hand at etching them. If I show up to a meeting with bandaged hands you will now understand why hahaha.

We are hitting the ground running this year with a new meeting place. I am excited to have our monthly meetings at the 715 Moose Lodge. I believe this will be a great opportunity for us as a club and a more stable location for us to conduct club events. Meeting dates have changed to the third Tuesday of the month, but the time stays the same. This is due to scheduling with the lodge. I hope this helps with some of your schedules and frees up your Wednesdays.

We have a lot going on this upcoming year! We are looking into opening up a few more collecting opportunities (fingers crossed). We will be hosting our second show at the Moose Lodge in July, more details will come in the following months. We will have some very engaging speakers and presentations to come. Let's not forget the workshops. I learn so much each month and have a blast doing so. There is a lot to replenish from the success we had at the Salem show in November so we will be quite busy at some of our workshops.

2020 Officers

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Members At Large -

Eric Routon

Youth Out Reach

I would like to welcome Carl Pilat to the board as Second Vice President. I think he will make a great addition to the board. We still have a few positions available to persons willing to fill them. If you would like to join as an officer please let one of us know.

Your Fellow Rockhound,
James Tomlin
President GMSL

First Vice President

Virginia is the best commonwealth to find rocks and minerals because there is always a better site down the road.

My new year's resolution for 2022 is to don't criticize, condemn or complain taken from the Golden Rules of Dale Carnegie. However like most resolutions it may not last very long.

Cheers, Steve Boylan



Programs for 2022

JANUARY MEETING

Crystallography by Steve Boylan

Everybody interested in rocks, minerals and solids needs to know something about crystallography. This presentation shows how sample morphology and symmetry are connected by X-ray diffraction. Presentation will feature pyrite, garnet and galena. There may be a test.

Reference: https://www.slideshare.net/SteveBoylan2/edit_my_uploads

FEBRUARY MEETING

Stereoscopic Photography in Mineralogy by Boris Staroska

We review stereo-3d images on several devices and in several formats, and demonstrate simple methods to get you started making your own. To get the most out of the demonstration, download "3Dsteroid" for your smartphone. Ideally, you will have good vision in both eyes. Learn to create a visual record that captures and reveals semi-transparency, inclusions and other internal structures, reflectivity and sparkle in your mineral or gemstone collection.

MARCH MEETING

Collectors Night - All club members are invited to share your collection with other members. Tables will be set up. Bring your collection of minerals and rock, crafts, gem trees, and wire wrappings, cabochons. Put labels on your item. And be sure to have a placard with your name and the name of your display. Awards will be given for best in show, largest, smallest, best craft and other categories.

APRIL MEETING Open

MAY MEETING

The History of the Historic Rutherford Mine Pegmatites, From Pre-Colombian Times to the Present by Scott Duresky.

Scott Duresky will again talk about the Rutherford pegmatite in Virginia and address all questions. So send us some questions about the Rutherford pegmatite and we will get answers.

JUNE MEETING

Collecting Quartz Crystals in Saltville Virginia, video provided by The Virginia Mineral Project, Friends of Mineralogy Virginia Chapter

Saltville quartz crystals have become a classic locality for Virginia mineral collectors over the years. From farmers tilling the lands to collectors walking the fields, the unique crystal habits from Saltville have left an impression with mineral enthusiasts. Come learn about the locality and what Saltville has to offer outside minerals. Plenty of photos from the field!

JULY MEETING OPEN

July 23, 2021 Annual Show and Sell 715 Moose Lodge

Field Trips

Club Field Trips

None at this time

South Eastern Federation Field Trips (Dixie Mineral)

An Official Field Trip of the Tennessee Valley Rock and Mineral Society (Chattanooga, TN) (HOST)

Saturday, February 19, 2022

9:00 am CST

Ross Creek

Gruetli-Laager, TN

Interested see Flyer sent out – If you did not get the flyer let me know.

Note from the Editor

Hello All,

Well, Christmas has past and we are into a New Year. I hope all of you got your wishes answered for Christmas. We are still dealing with the pandemic but we are still here and we will do what we need to do to keep this club going. With all of your help and the support of those that are around us we will survive. I am getting articles from some of our members (Thank You) and I encourage anyone to send me items that you like and believe there is someone else that would enjoy also. Together we can make the newsletter great.

I would love some pictures from any of you and about anything to put in the newsletter. I am giving out of my own pictures so please send me some of yours. Or give me something else to put in the place. That would give me some other inspiration and maybe bring joy to others also.

That is all for now,
Steve

Ancient Wonder of Archaeology, Art History & Architecture

By Jamie Hemming Sep 27 2021

Cave Pearls form when water dripping into a cave loses carbon dioxide and precipitates calcite. A cave pearl forms when the water is moving too vigorously to form stalagmite. A nucleus of matter (such as a grain of sand) becomes coated with calcite, and the current then provides a rotation to the nucleus in such a way that it is coated evenly. In this manner concentric layers build up over time, in much the same way that biological pearls forms within a mollusk (Oyster). There may be microbial action involved in the formation of cave pearls.



Note from the Membership Chair-person

Debbie Wade

Hello all,

First, a reminder that our Gem and Mineral Society of Lynchburg is now on a January 1 through December 31 membership year. Membership fees are now all due annually before January 31st. Very few members have renewed thus far.

For those that are getting this email and have already renewed, congratulations! Our President, James, has to give our insurance company a head count of how many members we have on the roster at the end of January. That count is how many people we pay to cover for the year. If we have more people wanting to join later that desire to go on our annual Willis Mountain field trip, but we don't have many people covered by insurance by end of January, then we will have to determine participants based on when they paid their dues.

Our rates have changed:

Single adult membership is still \$15 annually.

Two adult memberships and/or up to 6 dependents is \$25 annually.

Membership badges are new also. I shall be issuing the new ones to everybody, hopefully catching a few of you at our monthly meeting to save some time and stamps. When you receive the new one, you can trash the old ones.

If you have any further questions, do not hesitate to contact me.

Sincerely,

Debbie Wade
Membership Chair

Your GMSL membership entitles you to:

- * receive our monthly newsletters
- * attend our monthly meetings
- * participate in members-only GMSL fieldtrips to quarries, mines, & events related to gems & minerals
- * purchase club t-shirts or hoodies
- * discounts with several "rock" stores and vendors for current members with badges
- * attend our club member's only workshop each month
- * a chance to win a \$500 annual scholarship

Gem and Mineral Society of Lynchburg Meeting Minutes

December 15, 2021

Attendance: Not listed

Meeting Called to order by: James Tomlin, President

Old Business:

New Business: Club Meeting moved to the 715 Moose Lodge Hall
2307 Lakeside Drive
Lynchburg, Virginia 24501

Christmas Dinner and Secret Santa

Mineral Word Find #2

C O M S L R E A Q E D B K O E
A B U O E E T Q K R E G Q T T
R S D D U P I U B I O T I T E
N I N A C S T A Q H Q T K V O
E D U L I A E M M P A H J R G
L I R I T J N A M P F I T A L
I A O T E R G R A A O H L Y H
A N C E J A A I E S O E R M T
N P E A R L M N T C N E A Z O
L A Z U R I T E L A B Y B L D
E T I G U A R A P S D L E F I
O W A X C E S I O U Q R U T R
V N T W P E M U S C O V I T E
D N Y X E T I T S E L E C V P
R Q T X G R A P H I T E C Q O

APATITE
BIOTITE
FELDSPAR
LAZURITE
OBSIDIAN
PERIDOT

AQUAMARINE
CARNELIAN
GALENA
LEUCITE
ONYX
SAPPHIRE

AUGITE
CELESTITE
GRAPHITE
MAGNETITE
ORTHOCLASE
SODALITE

BERYL
CORUNDUM
JASPER
MUSCOVITE
PEARL
TURQUOISE

[Other Links that you may want to check out:](#)

International Gem Society

<https://www.gemsociety.org/reference-library/>

Mineral Cleaning for Amateurs

John's website is full of information that all mineral collectors will find useful and interesting.

<http://www.johnbetts-fineminerals.com/>

Morefield Mine Tour:

<https://www.youtube.com/watch?v=u5aQp57HMso>

Impromptu lecture on crystallography:

The crystallography talk can be found in the You Tube videos at https://youtu.be/sTtxMrh9_QI, or copy and paste in your browser: [Crystallography by Dave Woolley](#).

A Guide to Ethical and Conflict-Free Jewelry

<https://ethicaljewellery.org/introduction>.

Insurance Institute of Jewelry Appraisal

https://instituteofappraisal.com/Investigation_of_Artificial_Color_Infusion_of_Gemstones.pdf

https://instituteofappraisal.com/Exposing_the_GIA_Juggernaut.pdf

Rock collecting guide for geology beginners

<https://www.basementguides.com/rock-collecting-and-geology-basics/>

Facebook Link for the club

<https://www.facebook.com/groups/432839874271992/?ref=share>

Link to Mindat web page for Willis Mountain

[Willis Mountain Mine, Sprouses Corner, Farmville Mining District, Buckingham Co., Virginia, USA \(mindat.org\)](http://www.mindat.org/willismountain)

If you need to renew your club membership you can let me or Debbie Wade know and we can email you the form. You can make checks out to GMSL.

Our Mailing address is:

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