



May Newsletter

5/2023

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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 would like to start by saying our club show is right around the corner on the 7th-8th of July and we need volunteers. No experience is required and we love for new members to get involved. Each day you volunteer will be an extra entry into our yearly scholarship to your choice of William Holland or Wild Acres lapidary school. We will have a sign-up sheet at the next meeting or speak with one of the board members to find out more.

Last month we had Professor Mark Caddick from the VT Geosciences department come and give a wonderful presentation at our club on the history of metamorphic rock. This month we will have a club show and sell. If you would like to bring in some items to sell or to show off some of your specimens please feel free to show us what you have.

Your Fellow Rockhound,
James Tomlin
President GMSL

2023 Officers

PRESIDENT

James Tomlin
(434)258-2886
tomlin.jamesm@yahoo.com

First Vice President
Vacant

Second Vice President
Vacant

Secretary – Holly Tomlin
Fireeyez1981@yahoo.com

Treasurer – Joan Moore
jmoore64@msn.com

Membership – Thom Noble
thom-noble@hughes.net

Editor – Steve Gordon
(434) 942-1836
stevegordon@comcast.net

Members At Large -
Eric Routon

Youth Out Reach

Programs for 2023

Mays Program will be show and sell for the members

Note from the Editor

Hello All,

It has been a great month and I hope all of you are enjoying it. Get outside and enjoy this time of year. It doesn't matter what you are doing or if you are doing anything, just get outside as we have been inside for a long time.

This month is member show and sell. I like this as with the article that Steve Boylan has been running, every rock has a story. My version is a little different than Steve Boylan's. My version is if you found a rock that is truly a great find and you truly love it, you will always remember where you were the weather that day and who you were with. And like me I like to talk but really like to share my rock stories and I have had many over the years. So bring your story rock and tell your story to anyone that will listen. Your excitement will become infectious and excite them about rocks. It is also how you learn what rocks are. Unlike the geologist who learned during their school years you learned during a fun time in your rock life. I know that there are geologist that love rocks but the difference is you are learning for fun and they are learning for not just fun but for a job. And for me anything that is fun if done for work becomes just that work. Work has its place but a hobby is your release and should not be work to you. Just my two cents worth.

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

Field Trips

Club Field Trips

May 20 Mt Athos (sign-up at the meeting)
June 17th KY (This is a 3 day trip, 2 nights) (sign-up is required)
July 15th Beckly WV (plant fossil) (sign-up at the meeting)

Others are still coming in

South Eastern Federation Field Trips (Dixie Mineral)

NOTE: DMC field trips will continue to be planned and scheduled, but may be cancelled or rescheduled pending COVID-19 status. If there are any changes to a trip, all contacts listed for DMC member clubs will be notified via email as soon as possible. The DMC trip schedule page on the SFMS website (<https://www.southeastfed.org/sfms-field-trips/dmc-field-trip-program/dmc-field-trip-schedule>) will also be updated with the current status of trips. **Lori Carter, DMC Coordinator**

June field trip is set for June 24th

If you did not get the email let me know and I will send it to you.

Membership Report

Hi Folks.

We are presently at 165 members, distributed over 89 single and family memberships.

In the past, we used to recognize new members each month. We decided that was a good thing and we are going to start it again. I went through the records and have identified all of the new members to date (I hope).

The new members are as follows:

January

Linwood and Katharine Hoffman
Eleanor Matano
Dewitt Shank
Dan Warner
Joshua Warner
Jenny Wood and Clay Seay
Dale and Jackie Weizenecker

February

Bridget and David Coburn
Wendy Whiteman

Please welcome these new members

March

Estelle Brinius
Jean and Tony Franko
John Heinz
Sheryl Hughes
Kevin and Caroline Wright

April

Mary and John Barrett
Briella Tweedy
Barrett Tweedy, Brittyn Tweedy, Braeleigh Tweedy
Bridgett Dawson
Leonard Lantz
Katelyn Eickenhorst, Robbie Eickenhorst & Charlotte Eickenhorst

If I missed anyone, I apologize, please let me know and we will recognize you in next month's newsletter.

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

Thanks,
Thom Noble
Membership Chair

Gem & Mineral Society of Lynchburg Meeting Minutes

April 18, 2023 @ 7:00

Attendance: 32 Members 1 Guest

Meeting Called to Order By: James Tomlin

On time Drawing Winners: Clint Ferguson, David Brogan, Kaye Watson, John McGee, Melinda Sargent, Carl Pilat, John Haskins, Robert Sargent and Caroline Wright

50/50 Winner: Susan Brogan won \$3.50 and donated it back to the club

Old Business: None

New Business: Trip to Mill Pointe, West Virginia went really well. We traipsed through like mountain goats threw the creek. We didn't find any arrow heads, but we did find nice flint, white and red jasper and great ancient sea coral.

Our Mt. Athos trip is Saturday May 20, 2023. You can sign up on the sheet up front or email myself prior to the trip.

Treasurer's report: we started with \$13,136.49 and ended with \$13,268.59

Program: A presentation on the History of Metamorphic Rock was given by Virginia Tech Professor Mark Caddick, who is a Metamorphic Geologist



Mark Caddick



**Executive Board Meeting
Tuesday April 18, 2023 @ 6:15**

Members in Attendance: James Tomlin, Holly Tomlin, Steve Gordon, Joan Moore, Thom Noble, Linda Noble and Steve Lenhart

Members not present: Kyrina Johnson

- Agreed to support the Girl Scouts of America and teach them how to sift for rocks and minerals at a camp in June.
- Discussed looking into getting a new PA system

Meeting adjourned at: 6:50pm

Every Rock Tells a Story

Candler Formation

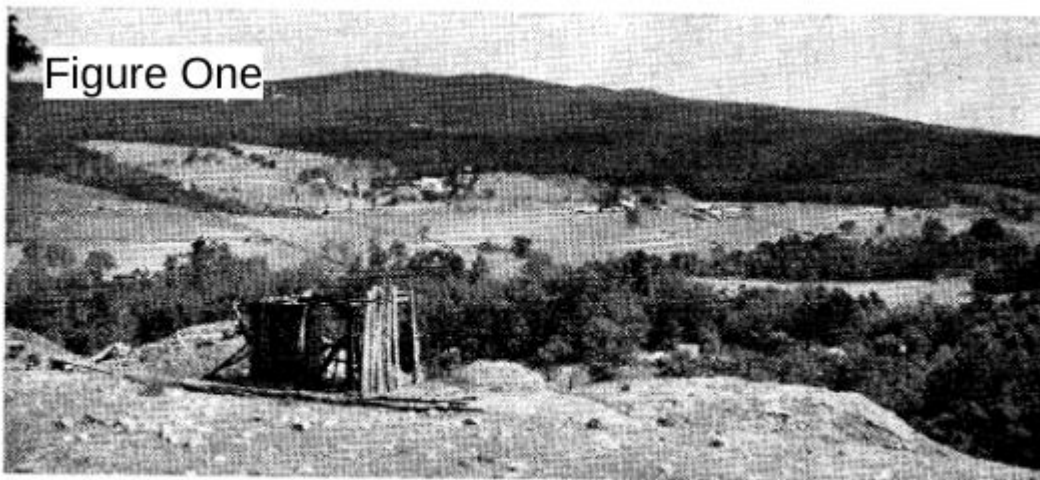
SJ Boylan

Candlers Mountain can easily be seen east and southeast of Lynchburg, Virginia. Candlers mountain is named after Daniel Candler who settled in the area in the 1760s. In Bulletin 74, year 1958, Brown identifies the Candler formation as schists, garnet-mica, and many other rocks.

Schists is a metamorphic rock showing schistosity. Schistosity is a rock texture that can be easily split into plates. Garnet is a mineral and a group of aluminum silicates. Mica is a mineral, and a rock and a group. Mica is sheet silicate. A silicate contains a silicon atom surrounded by four oxygen atoms in a tetrahedral structure. In sheet silicates, the silicate tetrahedral shares three oxygen atoms with adjacent silicates to form a sheet structure.

Figure one shows a picture of Candler Mountain in Bulletin 74. Figures two and three show a rock face on the lower part of Candler Mountain. Figures four and five show a rock face on the top of Candlers Mountain.

Try these test questions. Name two rocks in the Candler formation. Answer. schist and garnet-mica. Define schistosity. Answer - rock texture that can be easily split into plates. Describe sheet silicate. Answer - The silicate tetrahedral shares three oxygen atoms with adjacent silicates to form a sheet structure.



9B. View northward across workings at Bell manganese mine 5 ½ miles south of Lynchburg; Candler Mountain in the background.

Other Links that you may want to check out:

Stories from the Earth.

I thought this collection might be of interest to you because of its connection to geology.

<https://petroglyphics.art/revealing-the-stories-in-rocks/>

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)

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

Our Mailing address is:

The Gem and Mineral Society of Lynchburg, VA, INC.

PO Box 11975

Lynchburg, VA 24506-1975

lynchburgrockclub@yahoo.com

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Membership Application



This form is also downloadable from our website www.lynchburgrockclub.org

I/We wish to apply for membership in The Gem and Mineral Society of Lynchburg, VA, Inc. ("GMSL") and agree to abide by the Society's By-laws.

New membership Renewal **Check One**

New Membership Renewal

If Renewal: Please check box above if any contact information has changed

Please PRINT all information and write names as you would like them to be shown on your membership badge.

Applicant(s): _____ Today's date: _____

Mr. / Ms. _____ [Primary **voting** Membership]

Spouse / Partner: _____ [Additional **voting** Membership]

Street Address (required): _____

City/Town: _____ State: _____ ZIP: _____

Phone #1: () _____ #2 () _____ E-mail: _____

We will email you our monthly GMSL Newsletters & Field Trip notices (we will not share your information with outsiders)

Minor Dependents: _____ (Secondary Memberships, **non-voting**)

Membership Fees: _____ Covers through December 31st this year

SINGLE: 1 adult, 18 years & over \$15.00 \$ _____

OR

FAMILY: Up to 2 adults and minor dependents \$25.00 \$ _____

Payment by check preferred! Check # _____ Cash _____ Total \$ _____

Make check payable to "The Gem and Mineral Society of Lynchburg, VA, Inc." or "GMSL" and mail completed application form and dues to: GMSL PO Box 11975, Lynchburg, VA 24506-1975, (or bring membership application & dues to our monthly meeting). Note: There is a limit of 2 primary "voting" memberships per family. **All membership dues must be renewed between January 1st thru 15th annually to continue with GMSL.** If you pay dues by check, allow us 2 – 4 weeks to cash your check, however, your new membership badge(s) should arrive by mail within 2 weeks of paying.