



August Newsletter

8/2023

Volume 2023, Number 8

In This Issue

- [President's Meanderings](#)
- [Programs for the future](#)
- [Note from the Editor](#)
- [Field Trips](#)
- [Shows Nearby](#)
- [Note from Membership Chairperson](#)
- [Meeting minutes](#)
- [Interesting Article Every Rock Tells a Story](#)
- [Other Links](#)

**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 great summer so far and have had opportunities for adventures. We have had some wonderful field trips this year and I am looking forward to this year's Willis Mt dig coming up this September. It is always a wonderful experience there and we get to spend time with a lot of other surrounding club's members. Signups for the dig will be at this months and next month's meeting.

Our workshops are going to be busy and fun as we are working on stones for Thomas Jefferson's Poplar Forest. We will be getting things made up for the show in November. This is a great opportunity for new members to get involved and learn what we do for lapidary art. All of what we do is easy to learn and we have great mentors that would love to show you.

Thank you all,

James Tomlin
President
Gem and Mineral Society of Lynchburg VA

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

Karina Johnson

Youth Out Reach

Programs for 2023

August Program will be:

Dr. Joe Keiper's talk will be "The development of exhibits for a new branch of the Virginia Museum of Natural History focusing on the Blue Ridge and Shenandoah Valley"

Joe is the Executive Director of the Virginia Museum of Natural History in Martinsville, VA.

Note from the Editor

Hello All,

Well we are deep into Summer now and the weather has been hot and wet where I live. I have not done much with rocks as I have some honey dos' that I have been working on. I look forward to see you all at the meeting.

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

Sept – Willis Mountain - 9/23/23

October – Mount Athos – 10/21/23

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**

August field trip is set for Aug. 26th

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

Shows nearby

Greater Indianapolis Gem, Mineral and Fossil show – Greenfield, Indiana – September 8 – 10

Gem Miner's Jubilee Gem, Bead & Jewelry Show - Lebanon Valley Expo and Fairgrounds
80 Rocherty Rd Lebanon, PA - August 18 - 20, 2023

Membership Report

Our Membership Drive at the club show was highly productive. We are now at 110 individual and family memberships comprised of a total of 206 members.

I would like to welcome the following new members:

Rhoda Allen

Michael Clendenin, Lindsey Forbes, Bobby Baber, Russell Baber and Isaac Baber

Lynn Davis

Dell Klugas

Victor Kryniki

Fawn Madere, Brian Moeller, Eris Moeller-Madere and Corbin Moeller-Madere

Sena Magill and Tyler Magill

Meredith Pietsch and Robert Cook

Jack Stortor and Jilly Weigel

Ben Thompson and Debbie Thompson

Katelyn Thurston and Joshua Krogh

Heidi Shaffer Triola

Bill Grizzle

We have twenty five new members!

Please make them feel welcome when you see them

Thanks,

Thom Noble

Membership Chair

Here are a few things that being a member gives you:

- * 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 & Mineral Society of Lynchburg Meeting Minutes

July 18, 2023 @ 7:00

Attendance: 35 Members 6 Guests

Meeting Called to Order By: James Tomlin

On Time Drawing Winners: Han Schubert, David Brogan, Roger Linkenhoker, Faren Mayhew and Laettner Doss

50/50 Winner: Debbie Thompson won \$12.00

Old Business: We had a very successful show!! We had lots of volunteers helping out. Everyone worked very hard to make our show run smoothly and it is greatly appreciated.

New Business: we have our club workshop the 2nd Saturday of every month at Dave's house. It's great way to meet other members and socialize. We usually have a picnic while up there and create all the items our club sells in November. Everyone is welcomed and encouraged to attend.

Our July show brought in \$1,378.75 between the raffle, 50/50, sluice, pickers wheel and new memberships. It brought in \$1,800.00 just for table sales.

Our next show is the Salem show in November. We will need Volunteers again to help us run the sluice, picker's wheel and sell items we've made during our workshops. Sign-up sheets to volunteer for this will soon be ready to take volunteers at our club meetings.

Membership: We gained 24 new members during our show! Currently we have 211 club members. I'd like to Thank the Living in the Heart of Va broadcast show for giving us a segment on their show that brought a lot of traffic to our show!

Program: Susan Brogan gave her presentation on her time at William Holland for her the scholarship she won in December.

Steve Gordon gave a presentation on materials that can be found on upcoming field trips.

Executive Board Meeting

Tuesday July 18, 2023 @ 6:15

Members in Attendance: James Tomlin, Holly Tomlin, Steve Gordon, Kyrina Johnson, Thom Noble and Linda Noble.

Members not present: Joan Moore

The Executive Board

- Discussed Incentives for Volunteering and being part of the Board
- Discussed Field Trips and Agreed on an order of priority for trips with a limit of people that can attend (Board members first, Volunteers second, club members third)
- Discussed where we are with implementing a children's program during meetings.

Meeting Adjourned at 6:50

GMSL2307 July Every Rock Tells a Story - Marshall Gneiss

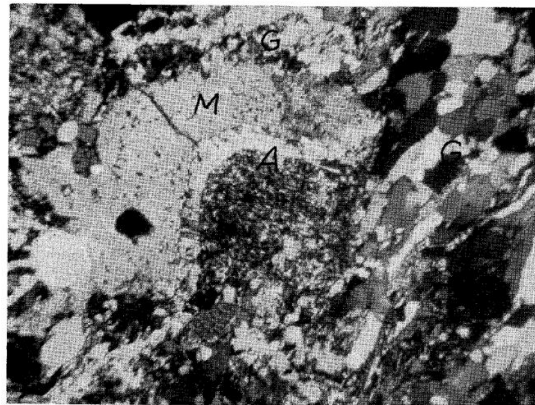
By SJBoylan

In Bulletin 74, by author W. R. Brown, year 1958, the quadrangle map shows Marshall Gneiss in the northwest side of the map.

Marshall Gneiss is part of the Blue Ridge Complex. The Blue Ridge Complex is granitoid, gneissic, and migmatitic rocks probably of Precambrian age. Granitoid rocks are plutonic igneous rocks. Gneissic rocks are metamorphic rocks. Migmatitic rocks are metamorphic rocks that have almost returned to magma. The Precambrian age is a time period of geologic time that ended about 570,000,000 years ago. That is 570 million years ago.

Bulletin 74 identifies Marshall Gneiss as biotite-quartz monzonite gneiss. Biotite is a mineral group name. Biotites are sheet silicates and appear as dark micaceous. Monzonite is rock. Monzonite is a phaneritic igneous rock. Phaneritic rocks are igneous rocks that have coarse grains visible to the eye. Aphanitic rocks are igneous rocks that have small grains that are not visible to the eye. Monzonite formed from slow cooling of magma. Slow cooling enables grain growth to form larger grains. Faster cooling forms smaller grains. The first picture from wikipedia, shows monzonite. The second picture is from Bulletin 74.

Try these questions. Describe biotites. Sheet silicates appearing as dark micaceous. What is monzonite? Phaneritic igneous rock. What is a word for coarse grain? Phaneritic. What is a word for small grain? Aphanitic. Thought provoking question: Why does faster cooling form smaller grains.



11B. Photomicrograph of Marshall gneiss 6½ miles northwest of Lynchburg. Microcline, M, has replaced biotite-quartz gneiss, G, and is being replaced by albite, A. Albite has clear rim, but its interior is filled with tiny mica and clinzoisite inclusions. Crossed nicols. x 47.

Other Links that you may want to check out:

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.

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://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

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

PO Box 11975, Lynchburg, VA 24506-1975

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.