



Southern Maryland Rock and Mineral Club



ROCK TALK

JUNE 2022

28 JUNE 2022 at 1900 (7 PM)
 Meeting at OLD WALDORF SCHOOL
 (next to the Waldorf JayCees Hall)
 North of the RT 301 / RT 5 Intersection

June Program

This month's program will be from our President Joe describing what one needs to collect "Herkimer Diamonds". Things like heavy sledgehammers, sharp chisels, a good strong back, and many other tools to successfully breakout the Herkimer Diamond. Along with the needed medical supplies like large band aids and your choice of legal painkillers.

For an outstanding preview of what Joe will be describing read some of the trip reports concerning HERKIMER, NY that can be found at SMRMC.ORG in the field trip section.



During Late May and June....

Two more trips were held since the last meeting that had some beautiful collecting results. **HK PENN/MD and National Limestone** have been "regular" visits for us, but with each quarry having new "blasts" and excavations, new material is always found. These are long drives for many in the club, but good material can still be found. I fully encourage members to team up with others for the ride and share the increasing expenses that we are seeing for gas/diesel.

Southern Maryland Rock, Mineral and Fossil Show - 5 November 2022

Dave sent out an email with "openings" he is looking to have filled to ensure this first show for the club in many years is a success for the club and the Old Waldorf School. Please re-read the email and come to meeting with clarifying questions for Dave and if this show date fits in with your schedule (I know it is four (4) months away), positions of responsibility to run the show smoothly need to be filled soonest.

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2022 PROGRAMS/REFRESHMENTS SCHEDULE		
MONTH	PROGRAM	REFRESHMENTS
JUNE 28	Herkimer Mine - Joe Davis	Paula Davis
JULY 26	Paint Workshop - Kurt Knower	Cheryl Reese
AUGUST 23	Annual Club Auction	TBA
SEPTEMBER 27	Moroccan Agates - Bob Farrar	Greta Gormley
OCTOBER 25	The Fossil Record of Blood - Dale Greenwalt	TBA
NOVEMBER 22	Gold Mine - Dahlonega, GA	Ralph Boswell
DECEMBER TBD	Seasonal Party (??)	Pot Luck (??)

Dates are tentative. Changes are possible due to a multitude of reasons.

A BIG THANKS goes out to Joe and Paula for donating a projector to the club. It has proven to be highly beneficial for the presentations!!!

MAY 2022 MINUTES

May 24, 2022

Joe opened the meeting at 7:00 pm. 22 members were in attendance, with no visitors.

Minutes: Minutes from the last meeting were accepted with Ralph's motion to accept the minutes, and Kurt seconded. The minutes were approved.

Membership Report: Kurt reported 58 members are paid up.

Facebook: Kurt reported that we have 45 members on Facebook, but no one from the club is posting much. However, we are receiving posts from all over the world.

Newsletter: Editor Rich apologized for the delay in getting the newsletter out due to computer issues.

Treasurer's Report: Treasurer (Dave) reports treasury is in satisfactory shape. He also distributed by email a list of club members who are up for membership renewal before July 31st. He asked that renewing members pay him tonight or at a future club meeting or mail him a check. The membership application has his address. Also, each renewing member please fill out a new membership application each year.

Field Trips: Dave first reported on recent past field trips.

Recent Field Trips:

May 7-8: Primitive Technology Weekend (cromwellvalleypark.org) 2175 Cromwell Bridge Rd, Parkville, MD with flint knapping

May 14: National Limestone (2 quarries) (with Chesapeake club) (2 attended). calcite, etc.

May 20-22: Graves Mtn, GA "Swap and Dig (go-on-your-own) rutile, iridescent hematite

Upcoming Field Trips:

May 28 HK Penn MD quarry – 2 signed up so far.....excellent lapidary material plus

minerals (green translucent serpentine, picrolite, antigorite, brucite, Mcguinnessite)

June 11 National Limestone (2 quarries again) (Sign up tonight) 4 signed up so far. Deadline to signup June 6 - calcite, etc.

Other Pending/Possible In-the-works future trips

July (maybe) – US Silica Quarry, Montpelier, VA has silver flash moonstone, bronzite, garnets, massive rutile.

August (maybe) – HK Penn-MD Quarry, PAgreen translucent serpentine, picrolite, antigorite, brucite, mcguinnessite

New Field Trip Group This group has expanded to six (6) local clubs as follows: 1. Montgomery County MD Club 2. Northern Virginia Mineral Club 3. Chesapeake Gem and Mineral Society 4. Delaware Mineral Society (DMS) 5. Baltimore Mineral Society 6. SMRMC.

The purpose is to share some trips together depending on the size of location. May get new access to areas. Need to expand to PA as well.

FYI: At this time, Vulcan quarries are still not allowing field trips.

Joe asked if there was any interest in going to Point of Rocks, VA side. He volunteered to set it up. Expect to find unakite, metabasalt, blue quartz, Potomac marble, and possibly arrowheads.

Programs: Carole reported that future programs are (tonight = Dave)

June – Joe (Herkimer)

July – Kurt;

Aug - Annual Auction. Dave, Bob, Ralph, Joe and Pam will set it up and conduct auction. Question: We decided that there will be no Potluck supper

this year. Look in the newsletter for more info on Programs and Refreshments.

Webmaster: Bob Davidson was not in attendance, but sent message that if anything needs to be added to the website, please contact him.

Old Business

November 5... Southern Maryland Rock, Mineral and Fossil Show. Please volunteer to fill the

positions of help needed for the event. Please re-sign up or look at the list of needs and send to Dave. Previous offers may have been lost due to Dave’s computer crashing. So far, we have sold 17 tables out of 45 (1/3 sold). Two main keys to show’s success is extensive and continuous ongoing online advertising and selling all our vendor tables.

New Business--- None

SMRMC Membership Dues are coming up for **Renewal** as follows:

Dues due by July 31, 2022: (Please pay by cash or check to “David Lines” at club meeting or by U.S. Mail to “7970 Bel Alton Newtown Rd., La Plata, MD 20646” please fill out and submit New Membership application form as well. Thank you.)

Last Name Type/\$ Amount of Dues (F =Family) (I=Individual)

Curtin	F – 35	
Davidson	I – 25	
Davis	F – 35	
Fielder	I – 25	
Gormley	I – 25	
Jameson	F – 35	
Jurkowski	F – 35	
Larson	I – 25	
Lines	F – 35	
Smith	F – 35 +5	(grandchild)
Van Wagenen	F – 35	
White	I – 25	

Dues due by August 31, 2022:

Knower	F – 35
Nikolich	I – 25

ODDS and ENDS

<https://www.dailymail.co.uk/sciencetech/article-10860569/Geologists-plan-crack-open-830-million-year-old-crystal-contain-ancient-life.html>

What could possibly go wrong? Scientists want to crack open a 830-million-year-old crystal containing ancient microorganisms that might still be ALIVE

<https://www.dailymail.co.uk/sciencetech/article-10912237/Ice-Age-mastodon-tusk-Indiana-shows-extinct-animal-died-100-miles-home.html>

Ice Age mastodon tusk discovered in Indiana shows extinct animal died 100 miles from home in a bloody mating season battle 13,200 years ago

<https://www.dailymail.co.uk/sciencetech/article-10951119/Most-complete-baby-mammoth-North-America-FOUND.html>

Most complete baby mammoth in North America is FOUND: Female calf that lived some 30,000 years ago in Yukon was frozen in permafrost that kept its skin intact

Calendar of Events

July 23, 2022 - 2nd Annual Gem and Mineral show hosted by the Gem and Mineral Society of Lynchburg, VA. **Flyer is embedded in the Newsletter.**

July 23/24, 2022 - Monongahela Rockhound Gem, Mineral, & Fossil Show, West Mifflin VFC #4, 660 Noble Dr., Pittsburg, PA 15122

August 19,20,21-2022, Gem Miner's Jubilee, Lebanon Expo Center, Fairgrounds, Lebanon, PA

September 16,17,18-2022, Shenandoah Valley Gem & Mineral Society Show, Augusta Expo, 277 Expo Rd., Fishersville, VA 22939

September 23,24,25-2022, Treasures of the Earth Gem, Mineral & Jewelry Show, Richmond International Raceway, 600 E. Laburnum Ave., Richmond, VA 23222

September 24/25,2022 - Central PA Rock Mineral & Gem Show, 2701 N. 3rd St., Harrisburg, PA

October 08, 2022 - PhilaMineralSociety.org/mineral-show, St. Michael Picnic Grove, Mont Claire, PA (near Phoenixville, PA)

October 15/16-2022, Kanawha Rock and Gem Show, so. Charleston Community Ctr, 601 Jefferson Rd., South Charleston, WV 25309

October 29 2022 - ULTRAVIOLATION Show

Where: First United Methodist Church, 840 Trenton Rd, Fairless Hills, PA

When: 9:00 AM to 4:00 PM

What: ULTRAVIOLATION is the ULTIMATE annual show for the fluorescent mineral enthusiast, whether a novice or serious collector. The show features many of the world's premier fluorescent mineral COLLECTORS AND DEALERS who strive each year to bring the biggest, brightest and best fluorescent minerals to satisfy the insatiable cravings of the fluorescent collector. ULTRAVIOLATION highlights fluorescent minerals exclusively and is the next best thing to night collecting. Free admission and a fluorescent mineral specimen for each junior mineralogist 12 years and younger when accompanied by an adult.

Admission: \$2.00 Donation, Children 12 & Under Free

Dealers: 8' TABLE \$30 – ½ TABLE \$15
ADVANCED REGISTRATION FOR DEALERS IS ADVISED. SEND YOUR CHECK MADE PAYABLE TO:

Lee McIlvaine, 8510 Elliston Dr. Wyndmoor, PA 19038 or Paypal electronic payment to leemcilvaine@yahoo.com; 215-713-8020 or email uvgeologist@yahoo.com

November 5, 2022 - SMRMC Show. Old Waldorf School, Waldorf MD. **Flyer for show is embedded in the newsletter.**

Greenfields, Odessa , DE

By Ralph G

On Saturday, April 16, Mary C. and Ralph G from the Southern Maryland Rock and Mineral Club, ventured to Odessa to collect petrified wood. The weather cooperated by being a lovely warm spring day. Mary and Ralph were joined by 40 other collectors from various local clubs.

Mary and Ralph reached the collecting fields about 9:35. At 9:45, trip coordinator Bob Ertman arrived and turned us loose to collect petrified wood.

Unfortunately, the fields were covered with about 6 inch high vegetation. This made collecting difficult.



After about two hours of collecting, Ralph found 5 pieces of petrified wood. Mary found one. After a lunch break Mary and Ralph resumed collecting for about a half hour, finding nothing.

Ralph heard reports that a couple of collectors found pieces in the 6 to 8 inch range, but most collectors seemed disappointed.

Although disappointed in collecting, it was still nice to be outside in beautiful spring weather.

**Unusual Fluorescent Mineral from HK Penn Md Quarry** by Dave Lines

Seven (7) members (Joe, Ralph B., Tim, Rich, Pam, Joyce and Dave) of the Southern Maryland Rock and Mineral Club joined 17 other members from the Montgomery County club and the Delaware Mineral Society at the Haines & Kibblehouse (HK) Penn MD quarry at Peach Bottom, PA bright and early at 7:30 am on Saturday May 28, 2022. Located in the

State Line mining District, the serpentine related minerals found here are similar to the 31 kinds documented from the immediately adjacent Cedar Hill quarry. The predominant minerals of interest are mainly green in color due to chromium, nickel or copper.



The rainy, stormy weather of the night before had just cleared when we arrived, and everything was literally dripping wet. Perfect conditions for cleaning off the rocks. Lots of changes at the quarry were underway since we had last visited in the late fall of 2021. The quarry office had moved to a trailer, a very large gravel ramp leading up to and past a grizzly and rock crusher had been constructed and there were many components for a new rock crushing plant sitting around awaiting installation. They were going to be very busy.



After signing the quarry waivers, we listened to a safety briefing by the quarry superintendent who emphasized no climbing on the berms, do not go beyond the drilling machine on the second level, everyone must stay on the same level until he leads us to a new level, and we were to expect lots of mud. Additionally, the lowest level was under 50 feet of water.



At 8:00 am, we all caravanned down to the 3rd level and spread out and parked around the perimeter. Rich and I parked near the center of the west wall. There seemed to be plenty of interesting green material just about everywhere, so I went to check on Pam and Joyce to ensure they got started okay. Joe (who had given them a ride into the pit because they wisely felt their car was not up to the task) already

was showing them what to do, so I took some pictures and returned to find Rich already piling rocks in the truck. He was having a great time. I was looking for good quality lapidary material as well as for some minerals that I thought I could recognize. Members of the other two clubs seemed more knowledgeable than me, so I asked many questions as I surface collected green “antigorite” - especially the variety “picrolite” because it was very clear green and pretty. I also looked for the turquoise-colored “mcguinnessite”. I picked up lots of small, but nice pieces of antigorite and occasionally found larger chunks of solid green material that all looked to have great lapidary polishing potential.

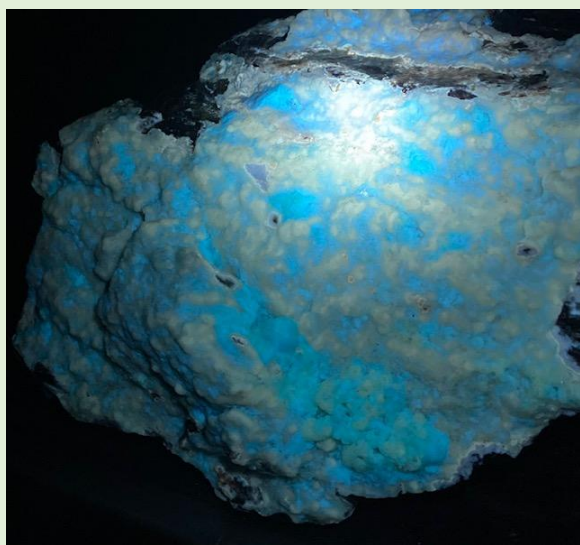
At 9 am, I left Rich to walk around the level to find some friends like Tom from the Delaware club and to check on how others from our club were doing. Tom was sitting in the shade of his vehicle when I located him - he was today’s Delaware trip leader but was recovering from recent hip surgery, so he was taking the trip at a slower pace than usual. We reminisced a while, then I left and checked on the others. Tim had found a few micros he liked, Ralph was collecting the far edges, Joe and Joyce were engaged in talking about solving world problems and Pam was talking with a lady from another club - everyone was happy. I returned to the area around the truck and Rich was still piling green rocks in the back. I joined him and did likewise for about thirty minutes.

In earlier discussions with Dave F. and Jonathan of Montgomery County, I decided to collect some magnesite because they said it may fluoresce. Magnesite in

that quarry is mostly white and forms in thin layers between the antigorite “shingles”. A similar mineral also found there is hydromagnesite --- a light tan colored material that typically forms a 1/4-inch-thick layer on other rocks. I spotted a layer of hydromagnesite on a rock in the quarry floor and tried to dig it out with my rock pick – but no luck. So, I got a larger pick and Rich’s six-foot steel bar and went back after it. Eventually, with Rich’s help, we managed to pry it up out of the floor – a good 20 pounder. Then I noticed some beautiful light greenish spherical balls attached to the rock directly beneath the one I had just removed. I first thought it was mcguinnessite because of its almost turquoise color --- but it was something else. Rich helped me for the next 10 minutes or so trying to dig out the deeper rock without damaging it. Since vuggy rocks (rocks with holes or pockets in them) are rare here, the rock we were trying to remove was most unusual for this quarry because we could see several vugs in the rock --- all with green spheroids in them. Before proceeding, I carefully collected all the small light milky green colored spheroids that we could see around it and placed them in small plastic containers provided by Rich. We then removed enough other rocks along the sides to relieve the pressure that held the “specimen rock” in place. Eventually, with the six-foot steel bar, we were able to gently pry up the rock we wanted.



Once we had the rock out, we could see that entire vuggy side was covered with a layer of botryoidal (bubbly-like) hydromagnesite. I then used a brush and a bucket of water to carefully remove some of the mud and debris on the specimen. Surprise --- the entire surface of the hydromagnesite was interspersed with the same green colored material. Next surprise was when Rich shined his new mid-wave UV flashlight on the rock – despite the sunshine, we could see that it (especially the green stuff) fluoresced a nice light blue color.



Of course, by this time we had attracted a small crowd who all wanted some of the find. Word spread and folks

came to take pictures. Rich and I collected more of the small green spheroids from the hole where we had removed the rock, then pulled out some of the adjacent rocks to make sure we had collected the entire pocket. We gave some of the loose spheroids to the others who had gathered to watch. Another factor was that it was already after 11:00 am and most of the others wanted to move to the bench on Level 2. The quarry superintendent who was aware of our find, came over and asked if we were ready to move yet – and we said yes.



Caravanning up to Level 2, we parked at the far end of the narrow bench and searched along the berms on each side. I found and collected some mcguinnessite, as did some others. Rich and Tom found some small pieces of a very dense rock that proved to be chromite. Everyone seemed satisfied with their finds for the day. We all left the pit a little before 12 noon. Rich and I stopped near the quarry office to change our footwear and repack the truck for the trip home.

Later, after the trip, Tom emailed that one of the DMS members had found a very rare mineral called Nakauriite.

Nakaurrite was 'originally' found at the next door Cedar Hill Quarry back in the 70's or 80's but went unidentified for some years.

It was later found at Nakauri, Japan where it was studied and identified as a new mineral species. It has only been found a few other places around the world.



At home after the trip, I sprayed off "my find of the day" with the garden hose. That evening after dark, I took some pictures of the specimen under a strong mid-wave UV flashlight. The results were rather spectacular --- it fluoresced a beautiful baby blue color. Now I will await analysis of the specimen by others who hopefully will be able to determine what it is. Who knows --- it might be a new mineral?



Purple, Clear, Tan, Pink, White, Blue, and Green --- National Limestone

6-11-2022 by Dave Lines

Just before the safety brief and Christian testimony by the quarry owner, we took a group picture --- ten (10) from Southern Maryland club (Tom Z., Bernie, Vycki, Pam, Joyce, Kurt, Sue, Jill, Rich and me) and six (6) from our sister Montgomery County club (Sam, John, George, Elena, David C. and Dave B.. The rain in the forecast seemed to have stayed just south of us, so it would be a perfect day for collecting --- about 70 degrees with clouds in the morning and some sun in the afternoon.





Our plan was to stay at the Middleburg quarry until 1 o'clock "ish" depending on what we could find, and then shift "en masse" to the Mount Pleasant Mills quarry for the remainder of the afternoon. Our hopes were high as the owner advised us of a brand new shot at Middleburg.

We had six (6) attendees who had *never* collected in a quarry. This would be their first time and it was my job as overall trip leader to make sure they stayed safe and had a good experience. I told them to stick by me until they felt comfortable collecting by themselves. We left the

quarry office about 9:45 and caravanned to the new shot. Quickly checking out the new shot, several of the group said it was not going to be productive - no calcite crystals or other interesting minerals were evident. So, we moved up to the next level to investigate an older shot. We spread out and folks began finding PURPLE fluorite embedded in 2" wide seams of massive white calcite. I took two newbies - Bernie and Vycki -- on a short walk and talked about the dangers and how to collect specimens safely - keep their gloves and safety glasses on, stay off the berms and away from the highwalls. I also showed them how to spot rocks with good potential for calcite crystals --- look for "vuggy rocks". Then I demonstrated how to split apart those rocks using their tools. When I left them about 20 minutes later, they had already started gathering a pile of CLEAR, sparkly calcite crystals.



I repeated the same routine with Kurt and Sue. And then with Jill and Dave B.. With the basics taken care of, I could then start looking for some specimens for myself. In a few minutes, I found a large rock to start on. It was partially buried under several good-sized rocks, so I carefully rolled them



aside and moved the target rock into a better position. It had pockets of calcite crystals showing in a 2- to 3-inch-wide band all the way around the boulder. I spent a little while working with a 3-pound hammer and a small chisel, but I decided that was going to be too much work and take too long. I went back to the truck and got “Big Bertha” – my 20-pound sledge. It did a great job, and, in a few minutes, I had broken the entire 100 pound rock into manageable pieces and separated the waste from the good parts with crystals. I love that hammer! I then used the small chisel and 3-pound hammer to trim the specimens. Wrapping the best ones in old newspapers to protect them from damage, I packed a 5-gallon bucket half full and returned them to the truck.

Checking briefly with the rest of the group, we all decided to move to another part of the quarry. But enroute, Pam and Joyce asked that we look at a large rock they had found. It was a great rock --- vuggy with calcite crystals showing all around the edges. Time for 20 pounder again. After several whacks, Pam’s rocks were really for wrapping with newspapers for the trip home. Next, we took the group to an area of the quarry that had some

travertine or flowstone --- the remnants of an underground cave formation. The TAN rock, which was banded in various patterns, was suitable for lapidary projects like polished bookends or spheres. Then we made another stop for some purple fluorite embedded in massive calcite. And a few of the chunks of massive calcite also contained PINK or flesh colored dolomite in the same rock. Another thing to collect.



At 1:00 o’clock pm, we all caravanned over to the next National Limestone quarry at Mount Pleasant Mills (MPM). There, we spread out over the floor of the main part of the MPM quarry and again started looking for vuggy rocks that contained calcite and, hopefully, strontianite and, if we were lucky, celestite. The best potential for strontianite seemed to be in those rocks stockpiled on the other side of a large muddy puddle (pond?) of water. We drove through it and several other vehicles followed. Again, we started finding lots calcite crystals showing in vuggy rocks.



I showed some of our new folks what to look for and then I split open some rocks to reveal WHITE snowflake-like clusters of strontianite crystals perched beautifully on top of the calcite crystals. Then, lots of hammering as everyone went after the strontianite specimens.



About an hour later, Rich called to me: "I found some BLUE." Immediately I stopped collecting strontianite and went to Rich. He had found some very pretty blue celestite crystals embedded in yet another vuggy rock. (He can tell the story much better, so ask him.) For the next 90

minutes, I helped him with the delicate dissection of his vuggy rock. It contained many small pockets of celestite crystals. Some of the celestite had turned from blue to clear due to exposure to sunlight, so we collected both types of crystals. Some were so small, that Rich used tweezers to pick them up. Great stuff for micro mounts. Our progress was slowed due to unexpected pockets of celestite located directly beneath and beside the pockets we were trying to remove. It was slow but rewarding work. Rich had found a really good rock. In the end, he carefully wrapped a full flat of beautiful celestite specimens.



Near where Rich found his mother lode, he saw another similar rock with potential, but after prying it loose with the 6-foot bar and splitting it apart, there was no celestite. I and several others searched carefully in the surrounding area, but alas, no more celestite was located.

By 3:45 pm, many of the others had left to return home, so several of us decided to try the wavellite pits on the back side of the ridge behind the quarry. Just as we were pulling out, Tom Z. returned from the wavellite area. His beaming smile said it all.



He showed us his find of the day – a very pretty GREEN wavellite crystals to ½ inch covering a 3 x 4-inch specimen. Nice. He suggested where to look and four of us drove up and around the mountain to find our “couple” (*) of wavellite specimens (*suggested limit by the quarry owner). Long story short - we each collected some wavellite specimens -- maybe not as pretty as Tom’s -- but respectable, nevertheless.



It had been a super trip and we had all stayed safe. By 5 pm, we started our long drives home --- each richer (thanks to the generous and caring quarry owner) with his/her collection of some of the great Purple, Clear, Tan, Pink, White, Blue, and Green rocks that we had saved from the crusher at National Limestone.



😊

WILDACRES – Fall Session – September 5-11, 2022

The Fall Session of Wildacres (September 5-11) is open for registrations. Wildacres, sponsored twice a year by the Eastern Federation of Mineralogical Societies (EFMLS), provides room and board, classroom instruction with a small number of students, lectures by the Speaker-In-Residence, a tailgate with a chance to buy or sell hobby related items, an auction, a chance to meet old friends and make new ones, the comradery of being with others in the hobby, to name a few perks of attending Wildacres sessions. All this for a very reasonable fee. The fee not only includes the instruction, but room and board as well. Why not join the thousands who have attended Wildacres, made lasting friendships, took home new skills and knowledge, and much more. This is saying nothing about the bond of friendship and fun while being on top of the mountain. EFMLS WILDACRES HISTORY In 1973, the Eastern Federation began a new venture –

Wildacres. Located just off the Blue Ridge Parkway near Little Switzerland, NC, Wildacres is a non-profit facility dedicated to the betterment of human relations. The first session was held in August 1973 and

several years later the second session was added. Since then, there have been many years of providing excellent instruction in new and old areas of the hobby!

FALL SESSION,

September 5-11, 2022 Classes – Whether looking to learn a new aspect of the hobby or just wanting to improve your knowledge and skills in an area you already know, with seven (7) classes to choose from, there is sure to be a class for anyone.

See Wildacres 2022 Fall Class Schedule for a description of the class offerings. Registration – Fill in and follow the instructions on the Registration Form to register. Note that single rooms will be available for an additional fee.

QUESTION? If you have any questions, concerns, etc. for either session, you can contact: Steve Weinberger, Chairman of the Wildacres Committee (cscrystals2@gmail.com) Suzie Milligan, Registrar – for info regarding registration (smilligan@stny.rr.com or 607-687- 5108) Mark Kucera, Director – for info regarding classes and instructors (mark_j_kucera@yahoo.com or 914-423-8360)

**SOUTHERN MARYLAND ROCK, MINERAL,
AND FOSSIL SHOW**

**SATURDAY NOVEMBER 5,
2022**

9 am to 4 pm

OLD WALDORF SCHOOL (next to JayCees
Hall) 3074 CRAIN HIGHWAY (Rt 301), WALDORF MD
20601

ADMISSION DONATION: ADULTS \$5.00, SENIORS
(65+)\$4.00, JUNIORS (17-7) \$3.00, UNDER 7 FREE

THE HOLIDAYS ARE COMING**STOP BY,
WE HAVE LOTS OF

UNIQUE GIFTS

FREE PARKING * DOOR PRIZES * OVER 45 TABLES
*ROCKS *CRYSTALS *FOSSILS *HANDCRAFTED JEWELRY
*LAPIDARY *MINERALS *FLUORESCENT TENT *DISPLAYS

SPONSORED BY SOUTHERN MARYLAND ROCK AND
MINERAL CLUB WEBSITE: WWW.SMRMC.ORG
FOLLOW US ON FACEBOOK: Southern Maryland Rock and
Mineral Club

VENDOR APPLICATIONS OR QUESTIONS? CONTACT
DAVE LINES THRU WEBSITE: SMRMC.org

2ND ANNUAL GEM AND MINERAL SHOW!

SHOW TIME
10AM-6PM
JULY 23

FREE ADMISSION!

Hosted By:
The Gem and Mineral Society of Lynchburg, VA

Show is to be held indoors at:
Moose Lodge 715 at 2307 Lakeside Dr, Lynchburg, VA 24501

- **Specimen Raffle! Tickets at door**
- **50/50 Raffle**
- **Handmade Jewelry**
- **Top Quality Specimens**
- **Cutting Rough/Slabs**
- **Lapidary Art**

ENTERTAINMENT FOR ALL AGES!!

- **Pickers Wheel \$1 spin everyone wins! chance at MEGAPRIZE!**
- **Sluice line-sit through to find rocks and minerals**

Food will be available on site

GMSL P.O. Box 11975 Lynchburg, VA 24509-1975

The Gem and Mineral Society of Lynchburg, VA

-Monthly Meetings -Workshops -Field Trips -Newsletters -Auctions
www.lynchburgrockclub.org Lynchburgrockclub@yahoo.com

SOME MINERALS THAT CAN BE FOUND IN PENNSYLVANIA

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

These are just 29 of the multitude of minerals found in Pennsylvania.

ACTINOLITE
 ALBITE
 ALMANDINE GARNET
 BERYL
 CALCITE
 CELESTINE
 CHROMITE
 CHROMITE
 GALENA
 GOLD

GYPSUM
 HALITE
 HEMATITE
 MOLYBDENITE
 MUSCOVITE
 OPAL
 PYRITE
 PYROMORPHITE
 QUARTZ
 RUTILE

SCHROL
 SILVER
 SPINEL
 STILBITE
 TALC
 THORITE
 WAVELLITE
 WULFENITE
 ZIRCON





The Southern Maryland Rock and Mineral Club
Meetings take place on the 4th Tuesday of each month at
7:00pm
Held at the OLD WALDORF SCHOOL
Next to the Waldorf JayCees Hall
3074 Crain Highway, Waldorf, MD 20601
North of the RT 301 / RT 5 intersection
We're on the web: SMRMC.ORG

SMRMC OFFICERS	
PRESIDENT Joe Davis	
Program Vice President Carole Raucheson	Membership Vice President Kurt Knower
Secretary Cheryl Reese	Webmaster Bob Davidson
Field Trip Chairman David Lines	Treasurer David Lines
Rock Talk Editor Rich Simcsak	FACEBOOK Coordinator Kurt Knower

ITEMS WANTED/FOR SALE

For Sale – Virginia Unakite slabs (approx ¼ inch thick) – \$0.50 per square inch (this is half off regular price). Call Dave (240) 427-7062

