



# Southern Maryland Rock and Mineral Club



## ROCK TALK

## JAN/FEB 2026

**24 MARCH 2026 at 1900 (7:00 PM)**

Meeting at OLD WALDORF SCHOOL

(next to the Waldorf JayCees Hall)

North of the RT 301 / RT 5 Intersection

### MARCH PROGRAM

Presently March's program is still "Under Construction". But Diane is looking for speakers with topics for 2026. Don't be shy to stand in the spotlight and discuss any rock related topic you love. Also, volunteers are needed for refreshments. Do not need a three/four course meal, just something for folks to nibble on and drink during the program presentation. Diane is happy to talk with anyone willing to contribute.

Well "Punxsutawney Phil" saw his shadow and proclaimed there will be another six (6) weeks of winter. Aren't we the lucky ones.

**REMINDER - SUNDAY 0200 DST 08 MARCH 2026.** Clocks need to move forward by an hour. Yep time to "SPRING" the Clocks ahead. We lose an hour of precious sleep and with any luck the Congress and Senate will agree to stop this madness, but that means that many representatives will need to agree on it.

Dave has started to begin planning field trips for this calendar year. **PENCIL IN 28 March 2026 for a prospective trip to CHESTNUT RIDGE, BATH County, VA for QUARTZ CRYSTALS.** If you are interested in climbing the ridge for quartz crystals, please contact Dave with your intentions. If so, begin doing some exercises to prepare for a thousand foot plus climb to the crystal collecting area. To read members prior experiences at Chestnut Ridge, please visit SMRMC.ORG under FIELD TRIPS for their experiences.

With Maryland "still" in the WINTER MODE, (remember what Punxsutawney Phil said) extreme low tides still have a possibility in the Potomac and Patuxent Rivers and the Chesapeake Bay. So be ready for that Dave Email warning about winds out of the North that magically make low tides even lower that could give a chance to find fossils and shark teeth. Enjoy the search!

## IN THIS EDITION

This month's edition has a review of what the club accomplished in 2025.

Over the winter, our club has lost two of our senior members. Alton Jones and Theresa Boswell. The club has forwarded donations in their name to the EFMLS Scholarship Program.

## SMRMC MINUTES

16 December 2025  
Old Waldorf School, Waldorf, MD

A short and abridged business meeting was held prior to the Annual Holiday Party. So short in fact that no notable discussion was documented. Next meeting will be on Tuesday, 24 March 2026 at 7PM (1900) at the Old Waldorf School.

## **2026 Programs / Refreshments**

Volunteers and topics are *desperately* needed to expand all members knowledge in various related topics. Having outside speakers is a great addition to our meetings, so if anyone knows someone that would speak on a relatable topic - **PLEASE** contact Diane. She will appreciate **ANY** and **ALL** leads. Always, members speaking on their adventures/knowledge is ALWAYS enlightening to the members and visitors.

Refreshment volunteers are usually easier for many to accomplish. But Jill still needs to fill the calendar quickly to ensure the meeting attendees stomachs do not growl during the programs.

Please contact Diane (or her replacement) with any assistance you desire to extend!

## **For Best information on forecasted Tide Levels from Dave Lines**

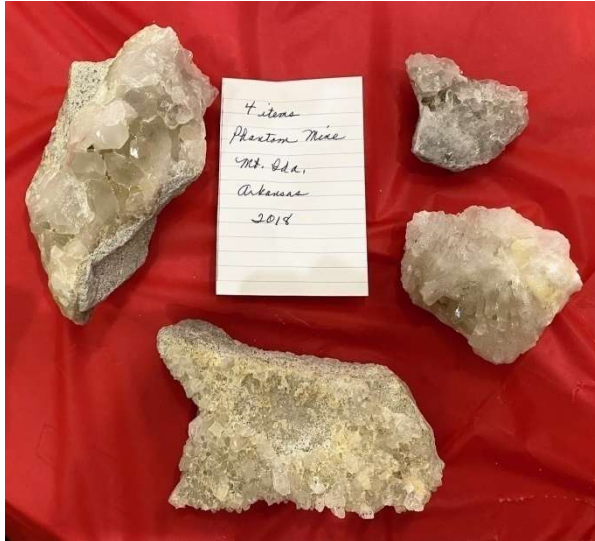
Recommend you keep checking the "water levels" on the NOAA website <https://tidesandcurrents.noaa.gov/stationhome.html?id=8577330> so you can choose the best location to look for fossils. The water levels at Solomons Island will be similar to the those on the Bay. Purse/Potomac River is 4 hours later. **HAPPY HUNTING.**

**REMINDER** – To ensure your membership is up to date, PLEASE download the membership form from the SMRMC website and follow the renewing requirements!! Up to date dues allows members to attend the field trips due to insurance requirements.

## **Holiday Party Recap**

Good time was had by all. Lost count on the exact number attending but it was approximately 40. The food was outstanding (as usual) and everyone left the food tables with full plates of both the main meal items and desserts (which were outstanding). Thanks to all that contributed to the feast!!





More Holiday Pictures can be found on our Facebook page!

<b>IN THE JANUARY/FEBRUARY 2026 ROCK TALK:</b>	
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### **2026 PROGRAMS/REFRESHMENTS SCHEDULE**

<b>MONTH</b>	<b>PROGRAM</b>	<b>REFRESHMENTS</b>
<b>JAN/FEB 2026</b>	<b>NO MEETINGS</b>	<b>Own Home Cooking</b>
<b>24 MAR 2026</b>	<b>TBA</b>	<b>TBA</b>
<b>28 APR 2026</b>	<b>Quarry Safety by Rich Simcsak</b>	<b>TBA</b>
<b>26 MAY 2026</b>	<b>TBA</b>	<b>TBA</b>
<b>23 JUN 2026</b>	<b>TBA</b>	<b>TBA</b>
<b>28 JUL 2026</b>	<b>TBA</b>	<b>TBA</b>
<b>25 AUG 2026</b>	<b>CLUB AUCTION</b>	<b>TBA</b>
<b>22 SEP 2026</b>	<b>TBA</b>	<b>TBA</b>
<b>27 OCT 2026</b>	<b>TBA</b>	<b>TBA</b>
<b>24 NOV 2026</b>	<b>TBA</b>	<b>TBA</b>
<b>22 DEC 2026</b>	<b>HOLIDAY PARTY (Date may change)</b>	<b>POT LUCK</b>

**CALENDAR OF EVENTS/  
ODDS AND ENDS**

dmsrocksshowchair@gmail.com (Show Chair)

**SOLOMONS ISLAND, MD 16 FEBRUARY 2026.** Universal Coprolite Day, Calvert Marine Museum. 10AM to 3PM

**BALTIMORE, MD FEBRUARY 21-22, 2026 –** Gem Amethyst Rock Fossil Sale. Holiday Inn Express- Baltimore Airport North (Show Room), 1510 Aero Dr, Linthicum Heights, MD 20190. Sat & Sun 9AM – 5PM. Walk through front door. Walk directly to the Show Room. Admission – FREE. Parking – FREE. Forms of payment: Cash preferred, C Card++. SPECIAL – Meteorites, Cabachons, Beautiful Amethyst Cathedrals (5" to 5'). Request pictures as inventory too large 1000(s) rocks and fossils starting at only \$5 each. Crystals Minerals Fossils Gems -

**WILMINGTON, DE - MARCH 7-8, 2026 - -** Delaware Mineralogical Society -62nd Annual Earth Science Gem and Mineral Show. Location -- DoubleTree by Hilton; 4727 Concord Pike (Rt-202); Wilmington, Delaware 19803. Sat. 10-5 and Sun. 11-5. Admission: Seniors (60+) \$6, Adults (18 - 59) \$7 (\$5 with coupon), Juniors (12 – 17) \$4, Scouts in Uniform & Children under 12 Free when accompanied by a paying adult. Tickets only sold at the door. This Family Friendly show features educational exhibits of mineral, lapidary and fossil specimens; a roster of fine dealers of minerals, fossils, gems, jewelry and lapidary supplies; and a children's area, where youngsters may purchase inexpensive mineral and fossil specimens. Info and Coupons at [www.DMSrocks.org](http://www.DMSrocks.org) , [www.facebook.com/DEMineralShow](http://www.facebook.com/DEMineralShow) or

**RICHBORO, PA MARCH 13-14 2026,** — 50th Annual Leidy Microscopical Society Micromount Symposium, Advent Lutheran Church, 45 Worthington Mill Rd, Richboro, Pa. 18954. Friday 12:00 Noon to 6:00 PM, Saturday 9:00 AM to 6:00 PM. Table Space for Two Days: \$35.00 for ½ of 6 Foot Table, \$45.00 for Full 6 Foot Table. Lunch to be Provided on Saturday with Paid Admission. Visitor's Fee: \$5.00 for Friday, \$10.00 for Saturday (Includes Lunch). RESERVATIONS & ADMISSIONS: Make Checks Payable to: The Leidy Microscopical Society Mail to: Don McAlarnen, Treasurer, 916 Senator Road, East Norriton, PA 19403. For Questions: Contact Don at (610) 247-5097 Email: [donmcalarnen@outlook.com](mailto:donmcalarnen@outlook.com)

**HAMBURG, NY MARCH 14-15, 2026 --** "ANCIENT LIFE OF NEW YORK" is being featured at the Buffalo Geological Society's 56th Annual Gem, Mineral and Fossil Show on March 14-15, 2026, at the Erie County Fairgrounds in the Grange, Market Place and New York State Police Buildings in Hamburg, NY, on Saturday, 9 am-6 pm, March 14, 2026, and Sunday, 10 am-5 pm, March 15 2026.

**CHAMBERSBURG, PA MARCH 21-22 2026** 46<sup>th</sup> Annual Gem-Mineral & Jewelry Show. Eugene C. Clarke Jr. Community Center, 235 South Third Street, Chambersburg, PA. Exit 16 off 1-81, West on RT 30, Left at Third Street. SAT 100 – 1700, SUN 1000 – 1600. Admission \$6.00 and Children under 12 FREE with Adult. Jewelry, Gemstones, Minerals, Fossils, Displays and Door Prizes. Mention this AD and get \$1.00 off Admission.

**GAITHERSBURG, MD - 21-22 MAR 2026.**

60<sup>th</sup> Annual Gems, Mineral, Fossil, & Jewelry Show. Montgomery County Fairgrounds, Building #6, 16 Chestnut Street, Gaithersburg, MD. Saturday 1000-1800; Sunday 1100-1600. Admission \$7 (children 11 and under and Scouts in uniform and 4H Youth with \$H identification get in free). Use this link for Coupon \$1 off the admission price for every member of your group! Website: <https://www.glmsmc.com/show.shtml>

**TOPSFIELD, MA: MAY 2-3, 2026** - 2026-- Annual show; North Shore Rock & Mineral Club; Topsfield Fairgrounds, 207 Boston Road, Rt. 1; Sat May 2nd 9-5, Sun. 10-4; General admission \$7; \$6 with copy of ad/coupon; Children under 12 free; free parking; contact Joe Weisberg, (781) 861-6653; Email: northshorerockandmineral@gmail.com; Website: [www.northshorerock.org](http://www.northshorerock.org)

**LEESPORT, PA MAY 2-3, 2026.** 57<sup>th</sup> ANNUAL World of Gems & Minerals. Leesport Farmers Market Banquet Hall, 312 Germant's Church Road, Leesport, PA. 19533. SAT 1000 – 1700, SUN 1000 – 1600. For more info, visit [www.berksmineralsociety.com](http://www.berksmineralsociety.com)

**NORTH HAVEN CT APRIL 11-12, 2026** - - New Haven Mineral Club 50<sup>th</sup> Annual Show Gems Minerals Fossils, Clarion Inn 201 Washington Avenue North Haven CT 06473 Saturday 9:30AM – 5PM Sunday 10AM - 4:30PM Admission 6.00 Children under 12 FREE Info: newhavenmineralclub.org

**LITTLE SWITZERLAND, NC MAY 11-17, 2026**

-: EFMLS Wildacres Workshop – Spring Session at Little Switzerland, NC. For information about the workshops and registration, visit [www.efmls.org/wildacres](http://www.efmls.org/wildacres). More details in the next newsletter.

**WALDORF, MD 3 OCTOBER 2026** - Show and Sale. Southern Maryland Rock and Mineral Club. Southern Maryland Rock, Mineral, and Fossil Show. 3074 Crain Highway (RT 301) Old Waldorf School, (next to the Jaycees Hall) Waldorf, MD. 9AM to 4PM. Adults, \$3; Children 12 and under FREE with Adult. Visit [SMRMC.ORG](http://SMRMC.ORG) for a \$1 Off Coupon. Door Prizes. Over 45 tables of Rocks, Crystals, Fossils, Handcrafted Jewelry, Lapidary, Minerals, Displays and a Fluorescent Tent. Questions: Contact Kenny Jameson through the Website: [WWW.SMRMC.ORG](http://WWW.SMRMC.ORG).

**EAST ROCHESTER, NY OCT. 24-25, 2026** - - Rochester Gem, Mineral, Jewelry-Fossil Show and Sale at Total Sports Experience, 435 West Commercial Street, East Rochester, NY. Event times: 10 AM to 6 PM on Saturday and 10 AM to 5 PM on Sunday. For more information, visit Rochester Lapidary Society.

**NEWS STORIES WITH POSSIBLE INTEREST**

**The 10-carat blue diamond valued at \$20 million**

<https://www.ecoticias.com/en/the-10-carat-blue-diamond-valued-at-20-million/24926/>

**How we got dinosaurs spectacularly wrong for more than a century**

<https://apple.news/AyOvcxEKhS9yEpc8r8ezv3Q>

**Joe Burrow gifts offensive lineman authentic fossils for Christmas**

<https://apple.news/ADF-wZW4wRtKaPEAcC8mYZA>

**Hunga eruption reached the edge of space, cooling the atmosphere**

<https://www.earth.com/news/hunga-eruption-reached-the-edge-of-space-cooling-the-atmosphere/>

**Dinosaur limping evidence found in 150 million-year-old Colorado trackway**

<https://www.foxnews.com/travel/limping-dinosaurs-twisted-path-puzzles-paleontologists-150-million-years-later-very-rare>

**Bird that lived with dinosaurs died with 800 rocks in its stomach**

<https://www.earth.com/news/bird-chromeornis-funky-choked-to-death-on-800-stones-120-million-years-ago/>

**Dinosaur fossil found with intact "voice box" and seeds in its belly**

<https://www.earth.com/news/dinosaur-skeleton-pulaosaurus-qinglong-discovered-seeds-in-stomach-voice-box/>

**Youngest Mammoth Bones Ever Discovered Turn Out To Be Whales, Sparking New Mystery**

<https://www.iflscience.com/youngest-mammoth-fossils-ever-found-turn-out-to-be-whales-400-kilometers-from-the-coast-81872>

**Family Finds 2.79-Carat Diamond on Birthday Outing with Tools Purchased at Local Dollar Store**

<https://indiandefencereview.com/family-finds-2-79-carat-diamond-arkansas-dollar-store-trip/>

**All you need are your eyes': a stretch of Victorian shore is a magnet for fossil fossickers**

<https://apple.news/A9WcFkZGpR9up2G4N66OdfQ>

**Man discovers gold worth \$800,000 buried in his garden**

<https://apple.news/Ap75kciQISDGSK5qObQeJGw>

**Texas husband and father finds 2.09-carat diamond at Arkansas park with his kids**

<https://www.foxnews.com/travel/man-stumbles-onto-rare-diamond-treasure-arkansas-park-trip-family-knew-different>

**Thick-Skulled Troodontid Dinosaur Unearthed in Mexico**

<https://www.sci.news/paleontology/xenovator-espinosai-14477.html>

**Largest dinosaur footprint site in the UK found by quarry worker**

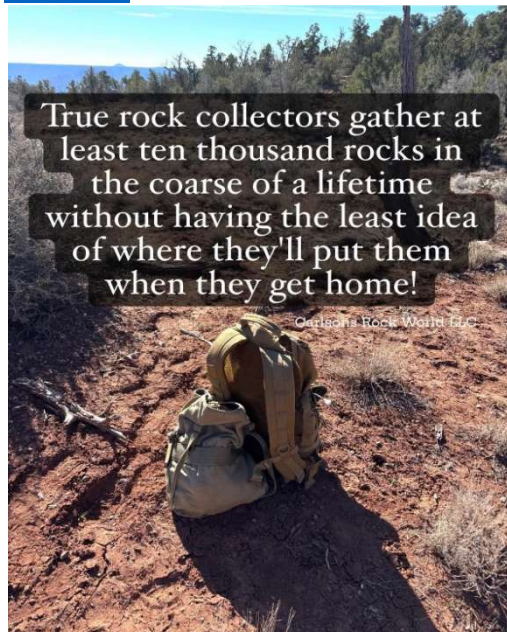
<https://www.earth.com/news/quarry-worker-accidentally-discovers-the-largest-dinosaur-footprint-site-in-the-uk/>

**Dinosaur Eggs as Large as Cannonballs Were Found Filled With Massive Crystals Instead of Ancient Bones**

<https://indiandefencereview.com/fossil-dinosaur-eggs-packed-with-crystals-discovered-china/>

### Large Fossil Shell Collection Donated To Calvert Marine Museum

<https://thebaynet.com/large-fossil-shell-collection-donated-to-calvert-marine-museum/>



### SUMMARY OF LAST YEARS CLUB'S EVENTS

#### FIELD TRIPS

For more information on each site check out the trip reports on the SMRMC webpage.

Chestnut Ridge, VA - March  
 HK Penn Quarry, PA/MD - April  
 US Silica Quarry, VA - May  
 National Limestone Quarry, PA - July  
 Contrary Creek, VA – August  
 MT Ida, AR - October  
 Odessa, DE - November

#### FACEBOOK

At the end of the year the Club's page had over 1000 members.

#### MEMBERSHIP

The club had 102 adult and 23 junior members. Membership forms can be found

on the SMRMC website. Please expedite your membership renewal. Forms can be found at the SMRMC website.

#### ANNUAL CLUB ROCK SHOW

The Club had another successful show on 04 October at the Old Waldorf School. A 60+ page PDF file showing vendors and guests can be found at the SMRMC website.

#### ROCK TALK Newsletter

The newsletter was published 11 times (Jan/Feb were a single edition due to no meetings those months). Besides routing the ROCK TALK to all members, it was shared with 15 other Club's editors and designated staff members in an effort to spread the efforts of the club.

#### PROGRAMS

Every Month the club is honored with educational and experience discussions.

Silicate Minerals – March  
 Quarry Safety – April  
 Patuxent River Stones – May  
 Fluorescent Rocks and Minerals -  
 June  
 Evidence for Predation by Sharks in  
 the Fossil Record – July  
 CLUB AUCTION – August  
 Mammal Fossils in Montana –  
 September  
 Finds from Pulsifer Quarry in Maine  
 – October  
 Copper Mining in the US and Copper  
 Minerals - November

**ROCK AND FOSSIL FB GROUPS**

This was "borrowed" from the  
February DMSgram (Delaware Mineral  
Society)

**THE ROCKHOUND CONNECTION**

<https://www.facebook.com/groups/169785333057>

**PENNSYLVANIA ROCKHOUNDS**

<https://www.facebook.com/groups/652313671493758>

**ROCK SWAP**

<https://www.facebook.com/groups/509574536410085>

**ROCKHOUNDING 4 HOMEBOUND**

<https://www.facebook.com/groups/348777450367477>

**ROCK TUMBLING LAPIDARY DISCUSSION**

<https://www.facebook.com/groups/1727539540813962>

**ROCK HOUNDS OF THE NORTHEAST -  
FROM MAINE TO MARYLAND**

<https://www.facebook.com/groups/prhhthehaven>

**ROCKHOUNDING FOR BEGINNERS**

<https://www.facebook.com/groups/335250029597729>

**ROCKHOUNDING**

<https://www.facebook.com/groups/addictedorockhoundingaddict>

Rock & Mineral Finds of Pennsylvania,  
Maryland, Delaware & New York

<https://www.facebook.com/groups/2104100577015882>

**CAPE-ATLANTIC ROCKHOUNDS**

<https://www.facebook.com/groups/333501097356374>

**ROCKHOUNDING FOR EVERYONE**

<https://www.facebook.com/groups/333501097356374>

**ROCKS AND ARTIFACTS ID TEAM**

<https://www.facebook.com/groups/1249866336420527>

**IDENTIFICATION OF ROCKS & MINERALS -  
NO SALES! NO SPAM!**

<https://www.facebook.com/groups/598252154386469>

**ROCK HUNTING**

<https://www.facebook.com/groups/806245993241244>

**BEGINNING ROCKHOUNDERS**

<https://www.facebook.com/groups/794931791375192>

**NEW JERSEY ROCKHOUNDS**

<https://www.facebook.com/groups/1118758575438351>

**PENNSYLVANIA ROCKHOUND RESOURCE**

<https://www.facebook.com/groups/pennsylvaniasrockhoundresource>

**IDENTIFICATION OF ROCKS AND MINERALS**

<https://www.facebook.com/groups/1063157860481750> Page | 12

**ROCK IDENTIFICATION GROUP**

<https://www.facebook.com/groups/1059109122128780>

**MARYLAND ROCKHOUNDS**

<https://www.facebook.com/groups/279874435535939>

**ROCKHOUNDS**

<https://www.facebook.com/groups/379876412511899>

**ROCKHOUNDING USA**

<https://www.facebook.com/groups/534113707699876>

**FOSSIL IDENTIFICATION**

<https://www.facebook.com/groups/656698809719081>

**FOSSIL INFORMATION AND  
IDENTIFICATION**

<https://www.facebook.com/groups/720963815396950>

**FOSSIL HUNTING ADDICTS**

<https://www.facebook.com/groups/216996694981725>

**PALEOJOE FOSSIL FRIENDS GROUP**

<https://www.facebook.com/groups/1953361414923982>

## EFMLS Wildacres Scholarship

It is with great pleasure to announce that the EFMLS Board has just voted for a Carolyn Weinberger Memorial Wildacres Scholarship to be awarded to one individual for the upcoming EFMLS Wildacres Workshop held in May 11-17, 2026.

This scholarship was made possible due to previous donations to that fund. This scholarship will cover one individual's tuition for classes and room-and-board, which for 2026 is set at \$525. It will not cover any additional class material fees, transportation, hotel, or other travel expenses.

All clubs within the Eastern Federation can submit one participant's name, a club member, who preferably has never attended Wildacres before. It is up to the clubs how they select that individual. All names will be put in a hat, and the Wildacres Committee staff will draw one lucky participant.

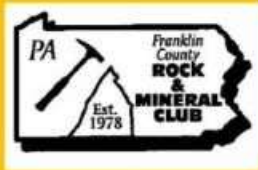
Registration for the May 2026 EFMLS Wildacres Workshop session opens on January 1, 2026. Should the participant awarded this scholarship already have sent in the application, their deposit will be refunded.

Going forward in the future, we would like to keep the Carolyn Weinberger Memorial Wildacres Scholarship alive, and we'll be asking for contributions during the upcoming years. Whenever we reach another full scholarship amount (be it in one year or five) we will award again another full scholarship.

We look forward to receiving your nominations. Please submit them to me via email at [helen@gemartcenter.com](mailto:helen@gemartcenter.com) no later than March 10, 2026. I will bring them to the rest of the Wildacres Committee staff for the drawing by March 15, 2026.

Best Regards,  
Helen Serras-Herman, EFMLS Wildacres Committee Chairman






**46<sup>th</sup> Annual Gem- Mineral & Jewelry Show**

Jewelry- Gemstones-Minerals-Fossils-Displays  
Door Prizes

Eugene C. Clarke Jr. Community Center  
235 South Third St.  
Chambersburg, PA  
Exit 16 off I-81, West on Rt.30, Left at Third St.


March 21 & 22, 2026  
Saturday 10 am- 5 pm  
Sunday 10am- 4 pm

Admission \$6.00- Children under 12 free with adult




Mention this ad and get  
\$1.00 off admission!

### 3 Things to Keep Private



**Your love life, your finances, and  
your rockhounding locations**



Berks Mineralogical Society  
Presents

**THE**

**57<sup>TH</sup>**

**ANNUAL**

**WORLD OF GEMS  
& MINERALS**

**GEMSTONES, JEWELRY, ROCK  
MINERAL & FOSSIL SHOW**

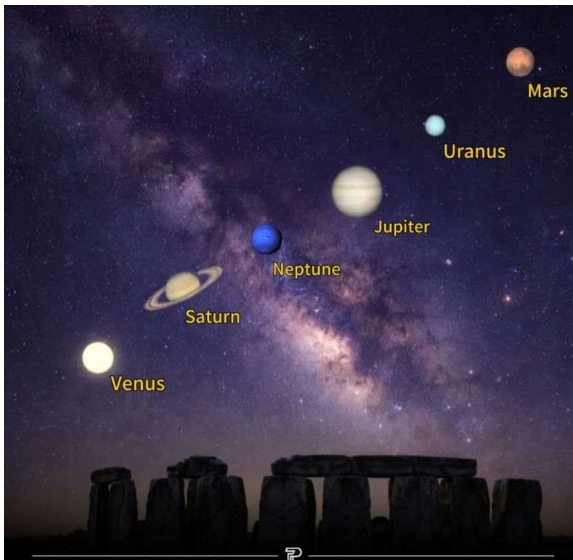
**May 2 & MAY 3, 2026**

**SAT. 10 - 5 SUN. 10 - 4**


Leesport Farmers Market Banquet Hall  
312 Gernant's Church Rd. Leesport, PA 19533  
Admission Donation \$ 5.00

MINERAL DISPLAYS ACTIVITIES EDUCATIONAL!	GREAT FOR KIDS! THE BEST SHOW IN BERKS COUNTY!
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For more info, visit [berksmineralsociety.com](http://berksmineralsociety.com)



**ON FEBRUARY 28, 2026 SIX PLANETS  
WILL RISE TOGETHER AT DAWN IN A  
RARE CELESTIAL ALIGNMENT**



**60th Annual Gem, Mineral, Fossil & Jewelry Show**

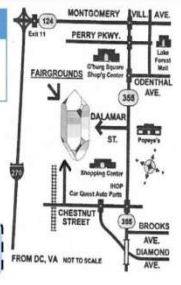
Date/Time: March 21-22, 2026 Saturday 10-6, Sunday 11-4  
Location: Montgomery County Fairgrounds; Building #6  
16 Chestnut St. Gaithersburg MD 20877

**Featuring:**  
Hourly Door Prizes  
Fluorescent Minerals  
Raffle Prizes  
Free Parking

20+ Vendors of minerals, beads, fossils, gems & jewelry  
40+ Exhibits by club members - including junior exhibits  
Mini Mine, Free minerals & activities for children  
Demonstrations of Faceting, Beading, Jewelry Making, Physics

Children (11 and under) Free! Ages 12 and over \$7  
Scouts in Uniform Free! 4H youth with 4H identification Free!  
More info at: [www.glmnc.com](http://www.glmnc.com)

Show this flyer for  
\$1.00 admission price  
(applies to each attendee in your group)



FROM DC, VA. NOT TO SCALE

**Lancaster County Fossil and Mineral Club**  
**2026 Christmas in July Extravaganza**



**Farm and Home Center**  
 1383 Arcadia Rd, Lancaster, PA  
Saturday, July 25 - 9am - 5pm  
Sunday, July 26 - 9:30am - 4pm

An incredible selection of Fossils, Gems, Minerals, Crystals,  
 Handcrafted Jewelry and Eclectic Curiosities available for sale!

Free EXPERT specimen analysis  
 Family-Friendly Educational Learning Activities  
 NEW food vendor: Tread's Snack Shack  
 FREE PARKING & Handicapped Accessible

Adults: \$5.00  
 Students K-12: \$1.00 • Under 5: Free

Admissions purchased on Saturday are valid for both days of the event!  
**ADMISSIONS BY CASH ONLY PLEASE**



MINERALS USED AS  
**PIGMENTS** IN  
 ANCIENT TIMES

<b>RED PIGMENTS</b>		<b>YELLOW PIGMENTS</b>	
Hematite (Red Oxide)	Cinnabar	Goethite (Yellow Oxide)	Orpiment
Realgar		Jarosite	
<b>BLUE PIGMENTS</b>		<b>GREEN PIGMENTS</b>	
Azurite	Lapis Lazuli	Malachite	Chrysocolla
Vivianite		Celadonite	Glaucanite
<b>BLACK PIGMENTS</b>		<b>WHITE PIGMENTS</b>	
Pyrolusite	Calcite (Chalk)	Limonite	
Graphite	Gypsum	Umber	
Magnetite	Kaolinite		


© Geology Addictive

**WHY SOME CRYSTALS FEEL HEAVY**

*Dense crystals feel heavy in the hand for these scientific & spiritual reasons.*

**1. DENSITY & ATOMIC STRUCTURE**  
 Dense crystals have tightly packed atoms making them feel weighty.

**2. METAL CONTENT**  
 Iron & other heavy metals increase crystal density.



**3. DENSITY**  
 Iron-rich heavy minerals: Galena, Malachite, and Pyrite.

**PERCEPTION VS MASS**  
 Heavy crystals feel heavier due to perception, not just mass.

*Weight isn't just mass — it's memory.*

**WHY CRYSTALS CRACK NATURALLY**

*Dense crystals feel heavy in the hand for these scientific & spiritual reasons.*

- 1. INTERNAL GROWTH STRESS**  
 Crystals grow over time causing internal stress that leads to cracks.
- 2. TEMPERATURE CHANGES**  
 Rapid temperature fluctuations can cause expansion and contraction.
- 3. PRESSURE RELEASE**  
 Pressure release deep underground can cause cracking.
- 4. CLEAVAGE VS FRACTURE**  
 Minerals have different break patterns: 'cleavage' vs 'fracture'.
- 4. MINING EXPOSURE**  
 Crystals can crack when exposed to the Earth's stresses in mining.
- 5. MINING EXPOSURE**  
 Crystals can crack when exposed to the Earth's stresses in mining.

*Nature doesn't polish perfection — it records pressure.*

**FOUND IN MARYLAND – REPRINT FROM FEB 2021**

BY RICH SIMCSAK

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

This month's Word Search has the names of some of what has been found in Maryland through mining and collectors. **DEFINATELY NOT** the only minerals found in Maryland.

**BLACK TOURMALINE**  
**SERPENTINE**  
**CHROMITE**  
**ZOISITE**  
**MOLYBDENITE**  
**MANGANESE**  
**GEOHITE**  
**GARNET**  
**ASBESTOS**

**PYRITE**  
**RUTILE**  
**COAL**  
**TALC**  
**ZINC**  
**LEAD**  
**GOLD**  
**LAUMONTITE**  
**CALCITE**

**QUARTZ**  
**BERYL**  
**EPIDOTE**  
**GROSSULARITE**  
**LIMESTONE**  
**SILVER**  
**STILBITE**  
**SULFUR**



**The Southern Maryland Rock and Mineral Club**  
**Meetings take place on the 4<sup>th</sup> 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**  
**Also on FACEBOOK: Southern Maryland Rock and Mineral Club**

<b>SMRMC OFFICERS</b>	
<b>PRESIDENT</b>	
Tim Smith	
<b>Programs / Vice President</b>	<b>Membership / Vice President</b>
Diane Etherton	Carole Raucheisen
<b>Secretary</b>	<b>Webmaster</b>
Teresa Jones	Bob Davidson
<b>Field Trip Chairman</b>	<b>Treasurer</b>
David Lines	Greta G
<b>Rock Talk Editor</b>	<b>FACEBOOK Coordinator</b>
Rich Simcsak	Kurt Knower

**ITEMS WANTED/FOR SALE**

Nothing at this time.....

We all realize we have a little too much of a good thing and must share those items with others - but at a cost.

If any member wants to sell material to other club members, they can request to post it here for other club members to evaluate if they really need it for their collection / needs..

Contact the ROCK TALK Editor for advertising space!!