

MNCA Website www.dcmicrominerals.org

The Mineral Mite



Vol. 57 – No. 8 Washington D.C. – A Journal for Micromineralogists Oct 2024

Meeting: Oct 23 3-5:30pm Kings Park Library, Burke

Program: Kathy's Geology 2.0 European Travels

By Jeff Grueber, Vice President

Kathy Hrechka will present some of her recent trips to Europe highlighting geology of the area. We are meeting on Wednesday, October 23 (note day) from 3:00 to 5:30 pm at the Kings Park Library's large meeting room. The November meeting will be held on Nov 25.



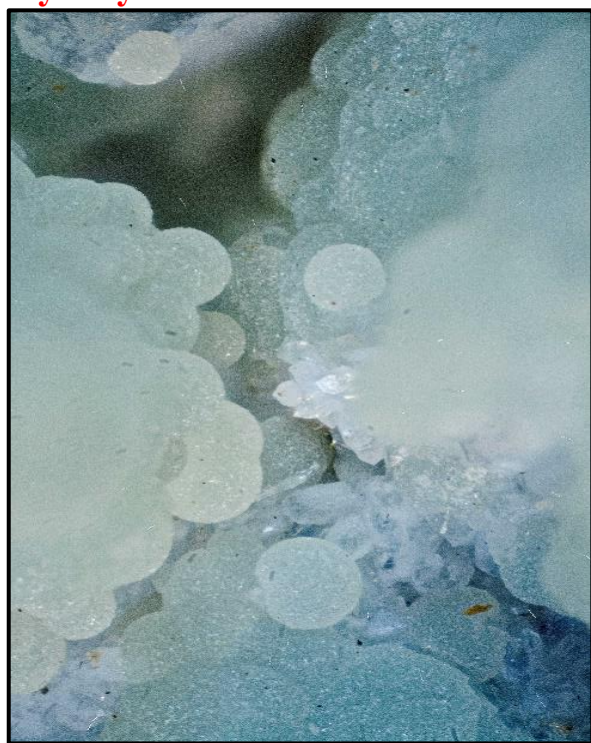
President's Message:

By David Fryauff

Welcome to October and beautiful cool weather for a change. I was really happy to see that a good number of us (Mike & Karen Pabst, Tom Tucker, Dennis Cosgrove, Jeff Guerber & me) attended the 68th Paul Desautels Memorial Micromount Symposium on October 4-6 at the Natural History Society Facility at 6908 Belair Rd. in Baltimore. Paul Adams and George Rambo were the honored inductees into the Micromounters' Hall of Fame.



Mystery Micro Mineral of the Month



Indonesian grape chalcedony?.....OOPS!... it's not.

Clue: Locality Huanuni mine, Huanuni, Pantaleón Dalence Province, Oruro, Bolivia. FOV=5mm.

By Aloha Peter Chin, Honolulu, Hawaii. Answer p 4.

Paul Adams presented an interesting historical journey that took us back to the original prospectors, miners, investors, and mine engineers that explored for gold and silver in the Candelaria District of Mineral Co., NV. The search engine <www.researchgate.net> reports that Paul Adams is an author or coauthor on 14 research papers dealing with mineral sciences and produced jointly with the Natural History Museum of Los Angeles.

Virtually all these report on new, rare mineral species that came about through Paul's field explorations, often done with Joe Marty. Before I ever met Paul, I was examining some of the amazing specimens he collected and gave away at various micromount gatherings on the Pacific coast.....those wonderful specimens somehow made it to the Atlantic coast. It was a pleasure to meet him in person and to be-again-the recipient of some truly excellent mineral specimens, this time scaled off the walls at the 200' level of the Potosi Mine in the Candelaria District of Mineral Co., NV. Thanks again, Paul.

The Mineral Mite October 2024

President's Message continued

On behalf of his father, Doug Rambo presented "The Minerals of the P.Y. Estes Quarry in West Baldwin, Cumberland Co., Maine". Doug did not carry on his father's tradition as a purveyor of fine essential instruments and equipment for geologists & mineralogists, but he did bring a large assortment of mineral specimens that his father had collected over the years from this favorite, and famous pegmatite quarry. The Estes quarry is particularly famous for its (rare) rose quartz crystals and I was surprised to find a rose quartz druse and several small rose quartz crystals in the giveaway rock that Doug brought to the symposium.

Willow and Quintin Wight delighted us with an exotic, in-depth, edge-of-the-seat gastronomic/photographic tour of their expedition into the rugged, muddy hill country of North Vietnam. Not a sight-seeing tour...NO WAY!!! They were in search of the forbidden marble quarries where the world's most beautiful, most startlingly red ruby, red spinel, and green pargasite gems are brought to light in forms ranging from fake to real and raw to polished, and crude to beautifully sculpted.

Quintin also brought us a box of truly primo MSH specimens that had me astounded at the bright fluorescence of his selection.....I was smart to take my little LW UV flashlight and provided some startling bright yellow specimens to our group.

Thanks to the members and officers of the Baltimore Mineral Society for another fine Micromount Symposium that brings us together and expands our knowledge and our.....Collections!

All the mineral specimens in the following photos were from the giveaway tables and were provided by Paul Adams. The following microminerals belong to David Fryauff, who also photographed them.



Scorodite, Jarosite -- Potosi Mine 200' level, Mineral Co., Nevada



Jarosite, Beudantite -- Potosi Mine, Mineral Co., NV

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Mimete, Fluorapatite -- Potosi Mine 200' level, Mineral Co., NV



Scorodite -- Potosi Mine 200' level, Mineral Co., NV



Scorodite, Beudantite -- Potosi Mine 200' level Mineral Co., NV

The following photos are some of attendees from the Desautels Symposium.



David Fryauff and Jeff Grueber

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David Fryauff, Tom Tucker, Karen & Michael Pabst



Jeff Grueber is studying the "give-away" table.



Willow and Quintin Wight are presenting their expedition into the rugged, muddy hill country of North Vietnam.

Mystery Micro Mineral of the Month

By Aloha Peter Chin, Honolulu, Hawaii

Answer: **Aheylite!** Huanunimine, Huanuni, Pantaleón Dalence Province, Oruro, Bolivia. FOV=5mm. It's a ringer for grape chalcedony!

Previous Meeting Minutes 9.30.2024

By Bob Cooke, Secretary



The Micromineralogists of the National Capital Area (MNCA) met on September 30, 2024, at the Fairfax County Kings Park Library in Burke, Virginia. Eight members were present: Bob Cooke, Dave Fryauff, Jeff Guerber, Dave Hennessey, David MacLean, Michael Pabst, John Sanborn and Tom Tucker. Corrine is our newest member and joined the club just prior to the meeting. The MNCA business meeting was called to order by President Dave Fryauff at 5:05 PM. He recognized Dave MacLean and Tom Tucker for their contributions as past presidents.

Michael Pabst reported on the club finances; there were no significant changes from the prior month. Dave Fryauff, Dave Hennessey, Dave MacLean and Tom Tucker brought minerals for give-away. Dave Fryauff confirmed that MNCA will support a micromount demonstration table at the NVMC/GMU mineral Show in November.

Upcoming mineral events include:

- *Oct 4-6: Desautels Micromont Symposium at Natural History Museum, Baltimore, MD
- *Oct 5: Southern Maryland Rock, Mineral and Fossil Show at 3074 Crain Highway, Waldorf, MD
- *Oct 9-13: New Jersey Fall Mineral, Fossil, Gem & Jewelry Show at the New Jersey Convention Center, Edison, NJ
- *Nov 9: Richmond Gem and Mineral Society annual Rock Swap and Sale from 9 a.m. to 3 p.m. at St. Paul Lutheran Church 8100 Shady Grove Road, Mechanicsville, VA
- *Nov 23-24: Northern Virginia Mineral Club/George Mason University annual Gem Mineral & Fossil Show in Dewberry Hall, Johnson Center, George Mason University, Fairfax, VA

Micromineralogists of the National Capital Area, Inc.

Previous Meeting Minutes continued

Dave Fryauff announced a field trip for November to the Haines & Kibblehouse Penn-Maryland Materials Quarry, Fulton Township, Lancaster County, Pennsylvania. Further information will be provided in an article in the Mineral Mite newsletter.

Next MNCA meeting will be Wednesday, October 23 from 3:00 to 5:30 PM at the Kings Park Library. The meeting had dissolved into chaos by 5:30pm.



Meeting members: L-R Michael Pabst, Tom Tucker, Dave MacLean, Dave Fryauff, Jeff Grueber, Bob Cooke. Photo credit Dave Hennessey



National Limestone Quarry owner Eric Stahl and the group. Photo credit National Limestone Company



Picture on the wall in Eric Stahl's office of an aerial view of Mount Pleasant Mills Quarry from 2001.

Previous Program Review 9.30.2024

John Sanborn gave a presentation on his trip to Sterling Hill, New Jersey in conjunction with a NVMC field trip to the Mount Pleasant Mills National Limestone Quarry No. 2 in Snyder County, Pennsylvania.

National Limestone Quarry Trip

By Katy Johnson, NVMC Field Trip co-chair

The Northern Virginia Mineral Club on August 17, 2024, under the direction of Field Trip co-chair Katy Johnson, sponsored a field trip to Mount Pleasant Mills, Pennsylvania to visit the National Limestone Quarry (see also the NVMC October 2024 newsletter for Katy's report).

The focus of the trip was to collect Wavellite (also known as Hemimorphite according to Ronald Sloto in the Mines and Minerals of Chester County Pennsylvania). 11 members participated in the field trip including John Sanborn of the MNCA club. This is John's presentation to the MNCA club September 30, 2024.



3 aerial views of Mount Pleasant Mills Quarry, PA

National Limestone Quarry continued



Collecting at Mount Pleasant Mills Quarry, PA



*Unknown, Mount Pleasant Mills Quarry, PA
John Sanborn specimen and photo.*



"Our group searching for wavellite. The terrain in the quarry is beautiful". Katy Johnson



*Unknown, Mount Pleasant Mills Quarry, PA
John Sanborn specimen and photo.*

National Limestone Quarry continued



Wavellite in matrix, Mount Pleasant Mills Quarry, PA John Sanborn specimen and photo.



Unknown, Mount Pleasant Mills Quarry, PA



John Sanborn, National Limestone Quarry, PA



Wavellite, Mount Pleasant Mills Quarry, PA John Sanborn specimen and photo

Willis Mountain Field Trip: NVMC

By John Sanborn

Hi all, a few pictures from the Willis Mountain, Dillwyn, VA field trip, photo credits John Sanborn and Katy Johnson. Most important, credit and thanks for everything to the Kyanite Mining Corporation.



Kyanite, Willis Mountain, Dillwyn, VA field trip photo credit John Sanborn

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*Kyanite, Willis Mountain, Dillwyn, VA field trip
photo credit Katy Johnson*



*Unknown, Willis Mountain, Dillwyn, VA field trip,
photo credit John Sanborn*



*Kyanite, Willis Mountain, Dillwyn, VA field trip,
photo credit Katy Johnson*



*Willis Mountain, Dillwyn, VA field trip,
photo credit Katy Johnson*



*Willis Mountain, Dillwyn, VA field trip,
photo credit John Sanborn*

Willis Mountain continued



Willis Mountain, Dillwyn, VA field trip, photo credit Katy Johnson

The Kyanite Mining Corporation at Willis Mountain in the Piedmont Province of Virginia sets the world record for being the world’s Largest Kyanite Mine. www.worldrecordacademy.org

“Mini Rock Shop” Sterling Hill Mining Museum in New Jersey.



Photo of a miniature diorama of a mineral shop. This diorama is in the Sterling Hill Mining Museum in New Jersey. It is appropriate for the micro minerals on display. John made a four-day excursion of the trip, visiting Stirling Hill and the Franklin mineral museum, as well as Mount Pleasant Mills and the Lebanon PA mineral show.

Cruising for Halite, Grand Turk Island

By Kathy Hrechka, Editor

I recently cruised the Eastern Caribbean. The view from my balcony at Grand Turk port was of the remnants of a Salt Salinas Pond. I took an island tour, which included a talk about the sea salt mining industry of the 1700s until 1960. Our tour guide had halite samples, so I chose one featured below. Today flamingos migrate into the ponds, while donkeys (historical halite labor) roam the island.



Salt Salinas Pond with limestone dividing walls, Grand Turk Island. Photo credit Kathy Hrechka



Halite, Salt Salinas Pond, Grand Turk Island
FOV 2.5cm x 2.5cm. Note the stepped pyramid on the lower side of the crystal. Photo credit Kathy Hrechka PS. I immediately photographed the halite while on the ship, in case it didn't survive the journey home.

Copper Sulfates Ramsbeckite and Linarite

By Michael Pabst PhD, Treasurer

Finally, after more than 10 years of these monthly articles featuring a long list of minerals containing many different metals, we are now ready to look at the most important source of colorful minerals, copper. There are so many beautiful copper minerals, we might never get to minerals containing another metal before my brain petrifies. It's hard to know where to start, so I decided to look at my most recent acquisition, Ramsbeckite and Linarite from Germany. These two minerals are copper sulfates, one rare and one moderately rare. I bought this specimen on the auction website e-rocks (<https://e-rocks.com>), specifically from the dealer MinTreasure (<https://mintreasure.com>).



Ramsbeckite:

Ramsbeckite $(\text{Cu,Zn})_{15}(\text{SO}_4)_4(\text{OH})_{22}\cdot 6\text{H}_2\text{O}$ is green monoclinic $2/m$ prismatic, $\beta=90.2^\circ$. Ramsbeckite forms blocky or tabular crystals that look orthorhombic because the β -angle is so close to 90° . Hardness 3.5. Named after Ramsbeck, Germany, a town near the type locality Bastenberg Mine, Ramsbeck, Meschede, Sauerland, North Rhine-Westphalia, Germany.



Ramsbeckite (green) with Linarite (blue). Gute Hoffnung Mine, Werlau-Wellmich, Rhineland-Palatinate, Germany. FOV 0.5 mm. Photo by Michael Pabst, using stereo microscope, stacking 9 images.

Here are two photos of my most recent acquisition, Ramsbeckite and Linarite from Rhineland-Palatinate, Germany.



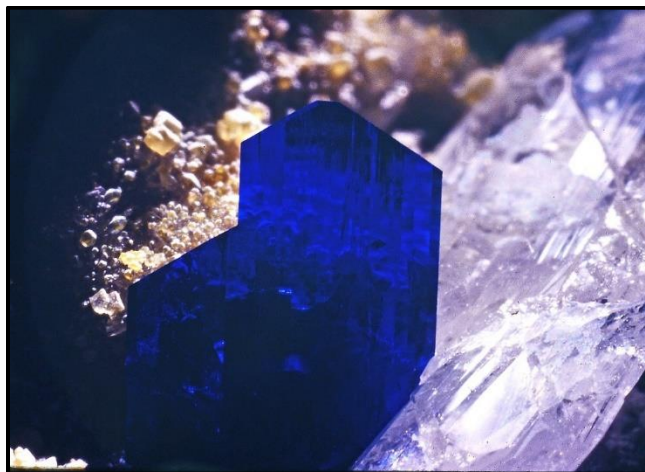
Ramsbeckite (green) with Linarite (blue). Gute Hoffnung Mine, Werlau-Wellmich, Rhineland-Palatinate, Germany. FOV 1 mm. Photo by Michael Pabst, using stereo microscope, stacking 15 images.

There are many specimens of Ramsbeckite that are more impressive than mine. There are some links to Mindat below, after we mention Linarite.

Linarite. Linarite is a blue lead copper sulfate $\text{PbCu}(\text{SO}_4)(\text{OH})_2$. My specimen of Ramsbeckite contains more Linarite than Ramsbeckite, and there are 34 photos on Mindat of Ramsbeckite associated with Linarite, so we will also investigate Linarite here, even though it is a lead mineral as well as a copper mineral. Linarite was named for the type locality Linares, Andalusia, Spain. Linarite is monoclinic $2/m$ - prismatic with $\beta = 102.66^\circ$. Hardness $2\frac{1}{2}$.

Besides the Linarite shown in the photos above, here are photos of two beautiful Linarite micromounts from Arizona, and one photo of Linarite from England. I think these are among my most beautiful specimens!

Copper Sulfates continued



Linarite on colorless Anglesite $Pb(SO_4)$. Grand Reef Mine, Laural Canyon, Graham County, AZ. FOV 7 mm. Specimen and photo by Michael Pabst.



Linarite on clay. Grand Reef Mine, Laural Canyon, Graham County, AZ. FOV 2.5 mm. Specimen and photo by Michael Pabst.



Linarite (blue) and Brochantite? (green), Penberthy Croft Mine, St. Hillary, Cornwall, England. FOV 2 mm. Specimen and photo by Michael Pabst.

Here are some wonderful photos from Mindat showing Ramsbeckite and Linarite: The first is by Vincent Bourgoin <https://www.mindat.org/photo-481129.html> and the second by Matteo Chinellato <https://www.mindat.org/photo-467858.html>. Here is a Ramsbeckite by itself photographed by Elmar Lackner: <https://www.mindat.org/photo-1107378.html>.

In the next article, we will compare two more copper sulfates, Antlerite and Brochantite.

Micromineralogists of the National Capital Area, Inc.

Friends of Mineralogy – Pennsylvania Chapter Symposium and Show Nov 9 Field Trip Nov 10, 2024

Theme: GREEN PENNSYLVANIA MINERALS And SECOND ANNUAL MINERAL, GEM, AND FOSSIL SHOW

IN PERSON and ONLINE Mineral Collecting Enthusiasts Meet and Learn

University of Pittsburgh – Johnstown, PA

The Friends of Mineralogy – Pennsylvania Chapter will hold their 2024 Symposium and field trip, and First Annual Mineral, Gem and Fossil Show, on the second weekend in November. Mineral collectors arriving on Friday November 8 are invited to an evening Meet & Greet; bring your best find from this year to talk about. Those in attendance on Saturday will check in at the University of Pittsburgh – Johnstown's Heritage Hall at the Living Learning Center. Activities, including informative talks by knowledgeable speakers on minerals, geology and mining in Pennsylvania and beyond, are planned. Online attendance is also being planned. The Mineral Show, held on Saturday only, has free admission for all. On Sunday, a field trip will provide an opportunity for mineral collecting at Mount Pleasant Mills quarry. The field trip is open only to symposium registrants who attend the Saturday afternoon safety briefing in person or online. Safety equipment will be required.

Speakers scheduled so far for Saturday, November 9 (three more are planned):

- ***Ronald A. Sloto, PG:** Beryls of Pennsylvania
- ***Ross Elliott, PG:** Pyromorphite in Pennsylvania
- ***Bill Stephens, PG:** Wavellite at Mt. Pleasant Mills, PA

All interested mineral collectors are invited to register and attend. As usual, there will be a silent auction, giveaway table, and plenty of opportunities for visiting with fellow enthusiasts. Lunch is available nearby on campus and at restaurants within a short driving distance.

Please see the web site
<https://www.rasloto.com/FM/whats-new>
for any updates, details, and the registration form.

Dates: November 8-9-10, 2024

Location: Friday evening, Nov. 8: Meet & Greet at Sleep Inn, 453 Theatre Dr, Johnstown, PA 15904

Saturday, Nov. 9: Heritage Hall at Living Learning Center, University of Pittsburgh- Johnstown

Sunday, Nov. 10: collecting trip to Mt. Pleasant Mills quarry, open only to Symposium registrants who attend the Saturday afternoon safety briefing in person or online.

Registration: \$15/person for non-members (or join for 2025 and get the member rate), \$10/person for current FM-PA members; free for college students; free for younger students. Parents must provide supervision of minors.

Please register in advance, online or by mail; a form is available on the web site.

Professional Geologists: Five Professional Development Hour credits available for full lecture attendance.

Web Site: <https://www.rasloto.com/FM/whats-new>
Contact: e-mail: <bstephens@stephensenv.com>

Rockin' in the Alleghenies - JOHNSTOWN
FM-PA Annual Symposium and MINERAL, FOSSIL & GEM SHOW

Friends of Mineralogy - Pennsylvania Chapter
SYMPOSIUM & SHOW Nov. 9, 2023 - Field Trip Nov. 10
Attend ONLINE -OR- IN PERSON at University of Pittsburgh - JOHNSTOWN

SECOND ANNUAL MINERAL, FOSSIL & GEM SHOW
SHOW SATURDAY 8:30 - 6:00 ADMISSION FREE TO ALL
40 TABLES OF SELECTED VENDORS

SYMPOSIUM for mineral collecting enthusiasts Non-members \$ 15.00 Members \$10.00 Students free
Friday evening Nov. 8: Meet & Greet - bring your mineral specimens to talk about.
Saturday Nov. 9: Hybrid Symposium - **ONLINE or IN PERSON**
8:00 a.m. to 5:00 p.m. at University of Pittsburgh - Johnstown
Talks by knowledgeable **SPEAKERS** concentrating on **Green Pennsylvania Minerals, including:**
Beryls of Pennsylvania - by Ronald A. Sloto, PG, West Chester University
Pyromorphite in Pennsylvania - by Ross Elliott, PG, Delaware DNREC
Wavellite at Mt. Pleasant Mills, Pennsylvania - by Bill Stephens, PG, Stephens Environmental

Silent Auction – Give-away Table – Meet Fellow Collectors
Professional Geologists: Professional Development Hour credits available for full lecture attendance

FIELD TRIP Sunday Nov. 10 Mt. Pleasant Mills Quarry. Open only to symposium registrants.
Visit our web site for details, registration form, changes and updates: www.rasloto.com/FM

The Mineral Mite October 2024

Micro Club Zoom Session - Australia

Micro Club Zoom Host: Steve Sorrell resides in Melbourne, Australia and hosts various geology persons of interest at his micromount meeting each month on Zoom. You can sign up for Steve's programs, while enjoying friendly faces within our geology community around the globe.



There will not be a session in October.

Micromount Club Zoom Meeting 2024-009.
Wednesday 20th November at 6am. [Australia]
Minerals from the Eifel, Germany, presented by Henk Smeets.

Micromount Club Zoom Meeting 2024-010.
Wednesday 18th December at 6am. To be advised.

You can register for these sessions at crocoite.com. Once registered, you will receive an email and the opportunity to save the Zoom session to your Google, Yahoo, or Outlook calendar, and this will be in your local time zone.

The Micromount Club Facebook group has been meeting on Zoom regularly, hosted by Steve Sorrell in Australia. Meetings are now scheduled monthly. Most previous presentations up to #24-05 are available through the Volume 58-08 Page 15 of 22 Aug 2024 following link:

<https://www.youtube.com/playlist?list=PLwdOHcjmducFKcDw8d2qgAoEEEB0M7vht>.

Micromount Club Zoom Meeting #24-06 was on Tuesday 16th July at 4 pm EDT. It was entitled "From Aosta to Sicily, a Mineralogical Journey through Italy, Part 2", presented by Henk Smeets. Here is the link: <https://www.youtube.com/watch?v=562hCbbxWRg>.

MNCA Editor's note: thanks to Steve Sorrell from Melbourne, Australia, we have been connecting with new mineral friends around the world for the past three years. I have learned that he is a master photomicrographer, as well as an author of mineral books and a talented mineral artist.

1981 Micromounters Hall of Fame Neal Leo Yedlin 1908-1977

"Mr. Micromounter! Known and loved by all who knew him, and respected worldwide for his columns, "The Micromounter" in Rocks and Minerals magazine, beginning in 1948, and "Yedlin on Micromounting" in The Mineralogical Record from its inception in 1970.

From boyhood a mineral collector, frequently with Lou Perloff, in 1945 Neal turned to micromounting. He was an honorary member of the Baltimore Mineral Society, and an ardent supporter of the annual Baltimore Micromount Symposium. He did photography for his lectures, such as those on Franklin, New Jersey, and Laurium, Greece.

He was sought not only for lectures, but for himself, as he loved people and was always ready with a funny story or a bit of mineralogical lore or advice.

He had time for everyone! He could be found at micromount symposia from coast to coast, both in the U. S. and Canada, and at mineral shows and mineralogical events involving a few or many. He chaired the inaugural Micromount Symposium at the Tucson Gem and Mineral Show, which annual event is now the Neal Yedlin Memorial Micromount Symposium.

Neal left his 18,000-specimen micromount collection to the Smithsonian National Museum of Natural History". Source Baltimore Mineral Society



Micromineralogists of the National Capital Area, Inc.



American Federation of Mineralogical Societies

(AFMS)
www.amfed.org

Please read the AFMS bulletin attached in original monthly email to MNCA members.

2024 Purpose of the AFMS: To promote popular interest and education in the various Earth Sciences, and in particular the subjects of Geology, Mineralogy, Paleontology, Lapidary, and related subjects, and to sponsor and provide ways to coordinate the work and efforts of all interested persons and groups; to sponsor and encourage the formation and international development of Societies and Regional Federations and thereby to strive toward greater international good will and fellowship.



Celebrating 50 years!

The Rock & Gem magazine is recognized as the official magazine of the AFMS.
Free archived downloads

[Rock & Gem Magazine Archive : Free Download, Borrow, and Streaming : Internet Archive](#)



Eastern Federation of Mineralogical and Lapidary Societies

(EFMLS)
<https://efmls.org>

**Communication and Involvement
Are the Keys to Our Success!**

Please read the EFMLS bulletin attached in original monthly email to MNCA members.

October 2024 Local Geology Club Meetings

7: Northern Virginia Mineral Club NVMC
Meeting 7:30pm on Zoom
www.novamineralclub.org

9: Mineralogical Society of the District of Columbia MSDC Meeting 7:30pm on Zoom
www.mineralogicalsocietyofdc.org

14: The Gem, Lapidary and Mineral Society of Montgomery County, Maryland - GLMSMC
Meeting 7:30 pm www.glmsmc.com

?: The Gem, Lapidary and Mineral Society of Washington, DC - GLMS-DC meeting 7 p.m.
Chevy Chase Community Center, 5601 Connecticut Ave; Washington, DC. www.glmsdc.org

16: Baltimore Mineral Society BMS meeting
www.baltimoremineralsociety.org

23: Micromineralogists of the National Capital Area, Inc. MNCA
Meeting 3 – 5:30pm Kings Park Library, Burke, VA
www.dcmicrominerals.org

November 23 & 24, 2024
Northern Virginia Mineral Club Show
Dewberry Hall, Johnson Center
George Mason University-Fairfax Campus
Hours: Sat 10am-6pm & Sun 10am-4pm

Micromineralogists of the National Capital Area, Inc.



Geo Word of the Day and its definition

auroantimonate An ill-defined olive-gray mineral of composition AuSbO_3 .

yedlinite (yed'-lin-ite) A red-violet rhombohedral mineral: $\text{Pb}_6\text{CrCl}_6(\text{O},\text{OH})_8$.

Editor's Note: MNCA members may remember Neil Yedlin. Name Origin: Named of Leo **Neal Yedlin** (1908-1977), micromount mineral collector of New Haven, Connecticut, USA. Named by W.J. McLean, R.A. Bideaux, R.W. Thomssen in 1974 for Leo **Neal Yedlin**.



Neil was Inducted into the Paul Desautels Micromounters Hall of Fame in 1981. "Known and loved by all who knew him, and respected worldwide for his columns, "The Micromounter" in Rocks and Minerals magazine, beginning in 1948, and "Yedlin on Micromounting" in The Mineral-ogical Record from its inception in 1970. Neal left his 18,000-specimen micromount collection to the Smithsonian National Museum of Natural History". Baltimore Mineral Society. Full details p 13.

Sources: Mindat.org and Mineralogy database

roscoelite (ros'-coe-lite) The V^{3+} -analogue of muscovite, with V in place of octahedral Al: $\text{K}(\text{V}^{3+},\text{Al},\text{Mg})_2\text{AlSi}_3\text{O}_{10}(\text{OH})_2$. It is tan to greenish brown and occurs in minute scales or flakes in the cement of certain sandstones and in some gold-quartz deposits.

sharpite (sharp'-ite) A greenish-yellow, olive-green, or grayish-white orthorhombic mineral: $\text{Ca}(\text{UO}_2)_6(\text{CO}_3)_5(\text{OH})_4 \cdot 6\text{H}_2\text{O}$.

All terms and definitions come from the [Glossary of Geology, 5th Edition Revised](#).

GeoWord of the Day is brought to you by: EnviroTech! envirotechonline.com.

Micromineralogists of the National Capital Area
www.dcmicrominerals.org

We are temporarily meeting at Kings Park Library in Burke, 3-5:30pm (forth Monday or Wednesday) until we locate a permanent meeting place.

MNCA Purpose: To promote, educate and encourage interest in geology, mineralogy, and related sciences.

President: David Fryauff
Vice President: Jeff Guerber
Secretary: Bob Cooke
Treasurer: Michael Pabst
Editor/Historian: Kathy Hrechka
Website: Kathy Hrechka
AMC Conference: open

The society is a member of:

- * Eastern Federation of Mineralogical and Lapidary Societies (EFMLS) www.efmls.org
- * American Federation of Mineralogical Societies (AFMS) www.amfed.org affiliation

Dues: MNCA Membership Dues 2024

\$15 (single) or \$20 (family) donations

MNCA - Michael Pabst, Treasurer

270 Rachel Drive

Penn Laird, VA 22846

Editor's Note: By Kathy Hrechka

Send your articles and photos to your editor.

Club Article Deadline is the 1st of each month.

The Mineral Mite will be emailed by the 5th.

No newsletter July/August

**Inducted into Editor's Hall of Fame – 2018
EFMLS Trophy 2021 Small bulletins**



Newsletter inputs:

- * David Fryauff
- * Jeff Guerber
- * Michael Pabst
- * Pete Chin
- * Bob Cooke
- * John Sanborn
- * Katy Johnson
- * Kathy Hrechka

