

Plan **NOW** to Attend:

Friends of Mineralogy Pennsylvania Chapter and
West Chester University Earth and Space Sciences Department
2025 Symposium for Mineral Collectors
November 8 - In Person or Online
November 9 - Field Trip - Phoenixville sites

JOIN US!

The Symposium will have informative talks by knowledgeable speakers on minerals, geology and mining in Pennsylvania and beyond. This is a hybrid meeting with attendance both in person and via Zoom (Zoom registration deadline October 6). It will be a full day meeting, 8:00 a.m. - 5:00 p.m. As usual, the Symposium will include a silent auction, give-away table, and plenty of opportunities for visiting with fellow enthusiasts. The West Chester University Geology Museum will be open all day. All interested mineral collectors are invited to attend.

PROFESSIONAL GEOLOGISTS:

SIX Professional Development Hour credits available for full lecture attendance.

WEB SITE: <https://rasloto.com/FM/> will have **updates, details**, and the registration form (in the What's New section linked on the right side).

REGISTRATION:

Members \$15, Nonmembers \$20, Students free

CONTACT: e-mail: <bstephens@stephensenv.com>

PLANNED PRESENTATIONS:

- Mineral Localities of Delaware County, Pennsylvania - by Ronald A. Sloto, PG, West Chester University
- Minerals of the Phoenixville Mining District - by Ross Elliott, PG, Delaware Mineralogical Society, and Bill Stephens, PG, Stephens Environmental
- The Hogg Mine: A Tale of Two Machine Digs Revisited - by Bill Stephens, PG, Stephens Environmental
- Recent Finds in Southeastern Pennsylvania - by Anatoly Bitny
- Fossils of the C&D Canal - by Luke Jackson, West Chester University
- Importance of lead mineralogy on the historic Pennsylvania frontier - by Dr. Ryan Mathur, Juniata College

Please distribute the Symposium flyer included with this newsletter.

Annual Meeting & Elections - see p. 2



Kyanite, Darby Creek, Delaware County, PA.
Ronald A. Sloto photo



West Chester University Geology Museum will be open all day during the Symposium. *Ronald A. Sloto photo*

*Symposium, continued***Annual Meeting and Elections**

A brief annual meeting of the membership of the chapter will be part of the symposium schedule. This normally includes election of members of the Board of Directors, divided across a three-year cycle. However, we have no incumbents or candidates in this year of the three-year cycle.

Field Trip to Phoenixville Sites

President Bill Stephens reports on the Symposium field trip, Sunday, November 9:

This year we plan to visit the Phoenixville lead-zinc-copper mines (Brookdale and Southwest Chester) and expect to have a machine expose new material within a week of the event. Recent diggings have produced some finds of note at the Brookdale Mine, and we will have a self-guided tour map of the old workings for attendees. The tailgate safety meeting will be in the parking lot, and I'll lead a group to the Brookdale, for those physically challenged it's a short walk, and then take another group to the new dump dig area. These dumps are known for pyromorphite, cerussite, wulfenite, galena, and drusy quartz.

Social Media Campaign

Members and others! Friend President Bill Stephens on facebook for regular updates on FM National, FM-PA and all FM Chapters including Symposia and Events. We want to get the word out to everyone! The first big event in this campaign is our Chapter's November Symposium.



Celestine, Meckley's Quarry ("old side"), Mandata, PA. Crystals ~ 5mm. D. Glick photo

Glick to be voting rep to FM National

Chapter president Bill Stephens has noted: "Since I have become President of National, we are underrepresented at National as a Chapter in important votes because I cannot vote twice." He therefore moved to appoint treasurer David Glick, and the Board approved, as the voting representative for FM-PA in FM National matters, as long as Bill is National president.

Editor's Note on Schedule

by David Glick

Readers, please accept my apology for the major slippage in the schedule of this newsletter, with what should have been the June issue coming out in September (we're calling it the "summer" issue).

We will get caught up, with another issue coming out well before the November Symposium with final details (please submit items by October 10). Thank you for your understanding.

President's Message

June, 2025

from

Bill Stephens, PG,
President:

**Friends of Mineralogy -
Pennsylvania Chapter
(FM-PA) [2020-present]**

**Friends of Mineralogy
National [2024-present]**



Hello everyone! The Board has been pretty quiet this second quarter. Everything remains 5 x 5, and I'm sure everyone is enjoying their summer so far. I have been extremely busy and have not had much opportunity to work on FM things, but we have begun to edit the operating regulations and Tama Higuchi has submitted some alternative designs for a new logo for the Board to consider and comment on as necessary. I suspect we will have the draft operating regulations revised by the fourth quarter and perhaps the new logo as well. [September update: the new logo has been approved and will be unveiled very soon.]

I must say yesterday (Friday June 27) was the first day in months I have come up for air. We completed and submitted 2 urban infill residential subdivision Concept Plans, 4 Forest Stand Delineations, a huge boundary survey of marshland and upland in Wicomico County, Maryland for the USFWS Conservation Easement to be added to Blackwater Wildlife Refuge's easements, Sewer connection plan, sundry wetland delineations, grading and stormwater plans for small developments not to mention significant yard work. Now we have some less urgent projects to work on and I'll find some time to do some collecting and get the ops regs ready for board review and consideration.

I am working on some private field trip/machine dig opportunities as well as planning a field trip event for Tucson. Stay tuned and look for more articles on various topics as the year progresses.

Also, please read my article in the June FM National Newsletter on **Kentucky Geode** field collecting with the Kanawha Club back in May. It was a great trip and the club had a great time. I drove 10 hours down to Danville KY area to hang with one of my EFMLS Region 5 clubs I have never met in 6 years or been able to communicate effectively with as their Region 5 RVP. Some of you may recall I am the immediate past President of the Eastern Federation of Mineralogical and Lapidary Societies, Inc. and I still have Region 4 (MD, DC, DE, VA) in my area of direct communication responsibility. Members of EFMLS organizations are also members of our FM Chapters. As we look forward to the next National Symposium, which will be Hybrid, part of my marketing strategy for FM National and our chapters is to inform and engage with these larger organizations to generate interest more broadly in our symposium and activities.

I also would like to mention that I am planning an open house for mineral sales at my home sometime in mid-July or August and will make an announcement when that date becomes fixed. If you are interested in coming by email or message me on Facebook.

Don't forget the show and symposium theme is red white and blue minerals in celebration of the US 250th anniversary. Also, if your chapter would like a presentation via zoom, I have a dozen topics already in the bag and I am happy to provide one you select. Three have been given at past National and all have been given at PA Chapter symposia.

All for now. Stay Tuned!

Sincerely,

Bill Stephens, PG, President

FM-PA & FM National

CALL For ARTICLES

If you are interested in contributing an article to the National or PA Chapter newsletter, contact our National Newsletter Editor Sean Stimac (articles only) or David Glick for our PA Chapter Newsletter. ?

Be sure to look me up if you are in town. Till then, stay safe, stay tuned and happy hunting!

EFMLS / AFMS Federation News

FM-PA Chapter is a member of EFMLS, the Eastern Federation of Mineralogical and Lapidary Societies, and therefore an affiliate of AFMS, the American Federation of Mineralogical Societies. We encourage our readers to read the monthly newsletters available on their web sites.

The AFMS <<https://www.amfed.org/newsletter>> April newsletter has lots of interesting items, as usual. Public relations, including online platforms useful for nonprofits, are discussed. The safety article discusses how a variety of factors can contribute to an accident or safety incident. Rockhounds of the Year from several clubs are presented. The history article covers Baltimore Mineral Society's Micromount Symposium, specifically the 11th one in 1967. There's news on juniors programs; see page 4 about the latest *Crack the News* issue. Cheryl Neary's article takes us on a trip starting in the Appalachians, site of this year's AFMS Convention in March in North Carolina, heading for next year's, in St. Charles, Illinois, May 23-24, 2026. 2025 Bulletin Editors Contest results are presented.

The May newsletter begins with President JC Moore's report on the AFMS/EFMLS Convention in North Carolina, and AFMS business and decisions made there. AFMS will transition their newsletter to an all-electronic version in the coming year. Public Relations Chair Jim Brace-Thompson continues his series of articles. Dinosaur trackway and stromatolite articles from club newsletters are reprinted.

The June newsletter begins with President JC Moore's report on his travels to federation shows, and encouraging clubs to have strong kids' programs. AFMS will transition their newsletter to an all-electronic version. Public Relations Chair Jim Brace-Thompson notes many activities which could be publicized by clubs. The safety article covers a real incident of long hair getting caught in rotary machinery (no permanent injuries). Minutes of the AFMS 2025 Annual Meeting are presented. An article on "Turitella Agate" is reprinted; it notes that it's neither *Turitella* marine snails, nor is it agate (it's not banded), but is an interesting and popular material.

The Eastern Federation's <<https://efmls.org/>> April Newsletter includes president Andrew "Rockhound's" report on the recent EFMLS/AFMS Convention in North Carolina, reprinted on page 3. The EFMLS Wildacres Workshop in Little Switzerland, North Carolina, is May 12-18; see www.efmls.org/wildacres

The May Newsletter includes president Andrew “Rockhound’s” report, which mentions the Future Rockhounds of America badge program and the juniors “crack the News” newsletter. He is working on a “Day as EFMLS President at the Convention” Dirtman Report. An article describes interesting Omarolluk Formation greywacke pebbles with voids left by weathering of calcareous inclusions, found throughout glaciated Great Lakes areas. The annual Treasurer’s Report is shown.

The June Newsletter includes president Andrew “Rockhound’s” column, which includes the news, “We are looking to start holding special Zoom meetings for each Region, where clubs can attend to learn more about the EFMLS offerings, meet your Region VP, ask questions or even advise us of issues, so that all our clubs can come together and grow as an organization.” New Wildacres Chair Helen Serras-Herman provides a detailed, illustrated article of what happens at Wildacres, reviewing the May session.

The Eastern Federation’s September Newsletter includes president Andrew “Rockhound’s” column, including the news:

“I would like to announce that Renee Kowalchik has joined our team! I have appointed her to fill the “Youth Coordinator” position. Earlier this year our youth coordinator Darryl Powell had to step away, called back to Pastor his church, with the current Pastor leaving. We wish him all the best and thank him for service to the EFMLS. Renee is an AFMS/EFMLS award winning newsletter editor for the Central PA Rock & Mineral Club, and has shown her dedication to youth outreach with monthly club newsletter highlights on the various badges offered to all club youth members through the AFMS Junior Rockhounds program (<https://www.juniors.amfed.org/>). She is eager and excited to continue at the EFMLS level to share and coordinate youth programs across all our clubs! Welcome Renee!

As we move into fall and club trips, events and shows are in full swing, send us your pics and highlights to share with the rest of the EFMLS through our social media and newsletter. We want to see them! It is a great opportunity to show how fun your club is, and attract new members. Have a wonderful and safe September everyone!

Ellery Borow gives the full story on the Club Rockhound of the Year (CROY) program. The safety article notes that safety concerns occur in just about every field.

-Editor

Crack the News:

The AFMS Newsletter for Kids & Teens

by Dennis Gertenbach, Editor, Crack the News

from AFMS Newsletter April 2025, vol. 78 no. 3

A new edition of *Crack the News*, the AFMS newsletter written by kids and teens for kids and teens, was introduced at the AFMS Convention in Hickory, North Carolina, this spring. It’s now available at <https://www.juniors.amfed.org/juniors-newsletter>. In this edition, juniors from around the country wrote about gold panning in California, hunting for pyrite in Oregon, and collecting Mazon Creek fossils in Illinois. They also wrote about their favorite rocks and minerals, including pyrite, dyed agate, and K2. (Yes, there’s a rock named after the second highest mountain on Earth.) Plus, you can read about Tully Monsters. It’s wonderful to see the variety of rockhounding interests our juniors have.

Another well-illustrated edition came out in July, also available on the web site. It covers many topics, including consequences of disturbing nature; the fossil mammal *Andrewsarchus*; ammonites and nautilus; poetry; fluorescence; lapis lazuli; coquina; the Chalk emerald at the Smithsonian; making cabochons; the Rosser Reeves star ruby; and the Logan sapphire at the Smithsonian.

50 Years Ago: PA Mineral Symposium

Friends of Mineralogy, Region 3 -- Fall Edition 1975

The third annual ‘Pennsylvania Mineral Symposium’ will be held at West Chester State College, West Chester, Pennsylvania, October 31, Nov. 1 and 2, 1975. The 1975 Symposium theme will be Metamorphic Rocks of Pennsylvania. The theme will be followed by various topics relative to collecting localities and their minerals. The Symposium will have as its featured speaker Mr. Neal Yedlin, New Haven, Conn., a well known personality in the field of Mineralogy. Mr. Yedlin has been very active in all phases of mineral collecting. An author and writer in *Rocks and Minerals* as well as the *Mineralogical Record*, he is well known for his ingenious and skillful methods employed in micro mounting.

Mr. Neal Yedlin's topic for the Symposium will be "micro mounting and its relationship to Pennsylvania mineral collectors of yesterday". We will hear more about Henry Garrett, Dr. J.C. Green, Geo. English and Geo. Ashby, men who in the late 1800 were active in accumulating micro minerals of fine quality. It will be a great opportunity to learn about micro mineral collecting and mounting.

The Symposium will begin Friday evening with a workshop on Metamorphic rocks, followed by a social hour and the exchange of mineral specimens.

The laboratory facilities, scopes, X-ray and assistance in visual identification will be available throughout the meeting.

From newsletter on the FM-PA web site

Fluorescence and Phosphorescence of Wavellite from National Limestone Quarry #2, Snyder County, Pennsylvania

by Calvin Harris

FM-Midwest Chapter

Introduction

Currently, only basic descriptions regarding the fluorescence and phosphorescence of wavellite, $\text{Al}_3(\text{PO}_4)_2(\text{OH},\text{F})_3 \cdot 5\text{H}_2\text{O}$, from National Limestone Quarry #2 property are available. This is particularly evident considering the development of mid-wave and different longwave wavelengths that are readily available. Describing the fluorescence and phosphorescence of wavellite caused by shortwave (254nm), mid-wave (312nm), longwave (351nm) and longwave (370nm) wavelengths helps to alleviate this deficiency. Fourteen wavellite specimens will be evaluated.

Site Setting

National Limestone Quarry #2 is located on the north side of Lime Ridge and some 0.5 miles WNW of Mount Pleasant Mills in Snyder County, Pennsylvania. The wavellite collecting area is on the property but just over the crest of Lime Ridge on its south side. It consists of sandstone in the Ridgeley member of the Devonian Old Port Formation. It is also a source of fossils such as trilobites, crinoids and gastropods. Fluorescent minerals from the limestone quarry itself were described in the previous newsletter issue.

Mineral Description

The wavellite consists largely of yellow-green, spherulitic masses of various stages of development. Also, there are yellow-green circular, radiating, fibrous crystal forms. Generally, the wavellite measures between 1mm-16mm and is found as crusts perched on tan colored sandstone matrices of various sizes.

All of the specimens are part of my study collection of fluorescent minerals and were purchased through internet sales from a geologist familiar with the collection site.

Test Procedures

The test procedures allow collectors to carefully observe fluorescence and phosphorescence in the field and under controlled conditions. The procedures are repeatable and provide meaningful results. Ultraviolet lamps, manufactured by UVSYSTEMS, INC., based in Renton, Washington were placed 3-4 inches from the specimens to observe fluorescence and 2-3 inches to observe phosphorescence; a 10-second exposure time was adequate for evaluation. A DC electric source was used to operate the lamps.

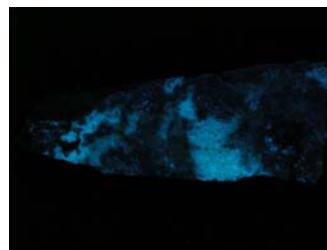
Results

Specimen A ch2024258fl

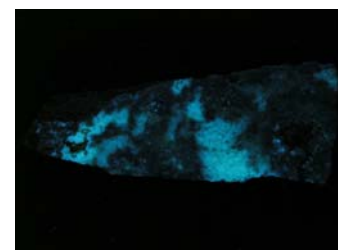
Wavelength	Fluorescence	Phosphorescence
Shortwave (254nm)	Low intensity, blue-green color.	Weak intensity, lime-green color, 4-second duration.
Mid-wave (312nm)	Moderate-low intensity, green-blue color.	Similar to Shortwave (254nm), except slightly brighter, 5-second duration.
Longwave (351nm)	Similar to Mid-wave (312nm).	Similar to Shortwave (254nm), except 3-second duration.
Longwave (370nm)	Moderate-bright intensity, green-blue color.	Low intensity, green-blue color, 4-second duration.



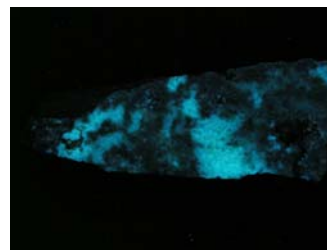
Specimen A, daylight



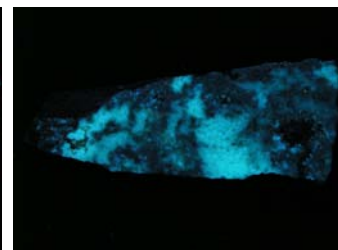
Spec. A, shortwave 254nm



Spec. A, mid-wave 312nm



Spec. A, longwave 351nm



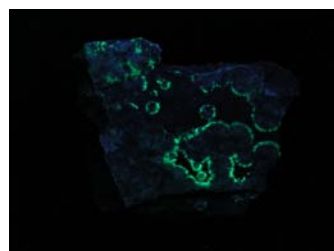
Spec. A, longwave 370nm

Specimen B ch2024265fl

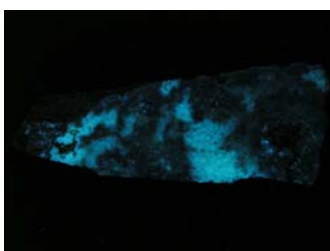
Wavelength	Fluorescence	Phosphorescence
Shortwave (254nm)	Moderate intensity, emerald-green color on edges of crystals.	No reaction.
Mid-wave (312nm)	Similar to Shortwave (254nm), except moderate-low intensity.	No reaction.
Longwave (351nm)	Similar to Mid-wave (312nm), except low intensity.	No reaction.
Longwave (370nm)	Similar to longwave (351nm), except slightly brighter.	No reaction.



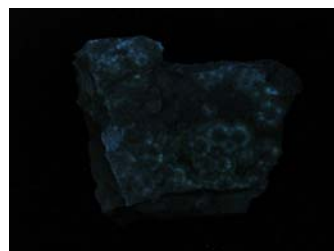
Specimen B, daylight



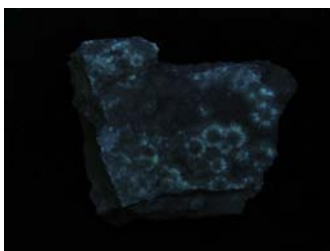
Spec. B, shortwave 254nm



Spec. B, mid-wave 312nm



Spec. B, longwave 351nm



Spec. B, longwave 370nm

Specimen C ch2024257fl

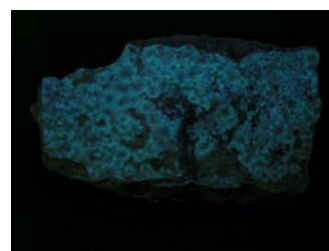
Wavelength	Fluorescence	Phosphorescence
Shortwave (254nm)	Low intensity, blue-green color.	Very low intensity, blue-green color, 4-second duration.
Mid-wave (312nm)	Moderate-low intensity, blue-green color.	Moderate intensity, blue-green color, 5-second duration.
Longwave (351nm)	Moderate intensity, blue-green color.	Very low intensity, blue-green color, 3-second duration.
Longwave (370nm)	Moderate-bright intensity.	Moderate-low intensity, blue-green color, 3-second duration.

Specimen D ch2024263fl

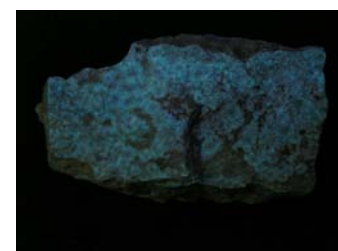
Wavelength	Fluorescence	Phosphorescence
Shortwave (254nm)	Moderate-low intensity, blue-green color.	Moderate intensity, blue-green color, 5-second duration.
Mid-wave (312nm)	Similar to Shortwave (254nm).	Moderate-bright intensity, white with green tint, 7-second duration.
Longwave (351nm)	Moderate intensity, blue-green color.	Moderate intensity, blue-green color, 5-second duration.
Longwave (370nm)	Moderate-bright intensity, blue-green color.	Moderate-low intensity, blue-green color, 3-second duration.



Specimen D, daylight



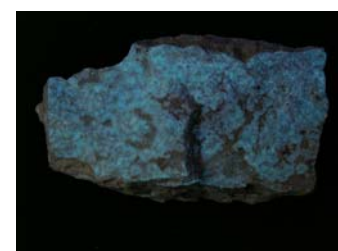
Spec. D, shortwave 254nm



Spec. D, mid-wave 312nm



Spec. D, longwave 351nm



Spec. D, longwave 370nm

Specimen E ch2024261fl

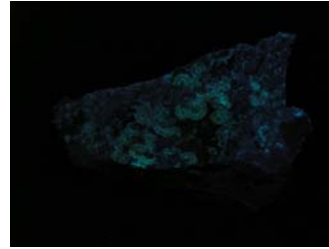
Wavelength	Fluorescence	Phosphorescence
Shortwave (254nm)	Low intensity, blue-green color.	Extremely low intensity, blue-green color, 2-second duration.
Mid-wave (312nm)	Low intensity, blue-green color.	Low intensity, blue-green color, 3-second duration.
Longwave (351nm)	Moderate intensity, blue-green color.	Very low intensity, blue-green color, 3-second duration.
Longwave (370nm)	Similar to Longwave (351nm), except slightly brighter.	Moderate-low intensity, white with blue tint, 3-second duration.

Specimen F ch2024266fl

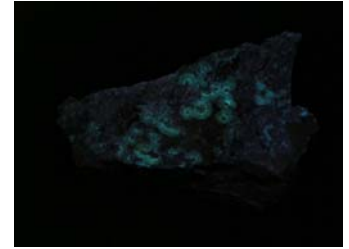
Wavelength	Fluorescence	Phosphorescence
Shortwave (254nm)	Low intensity, emerald-green color.	No reaction.
Mid-wave (312nm)	Moderate-low intensity, emerald-green color.	Extremely-low intensity, color, duration indeterminant.
Longwave (351nm)	Similar to Shortwave (254nm).	Same as Mid-wave (312nm).
Longwave (370nm)	Same as Mid-wave (312nm).	Same as Mid-wave (312nm), except 2-second duration.



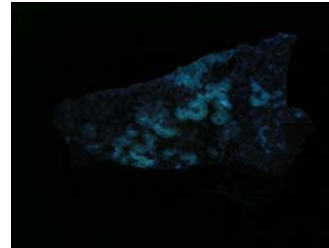
Specimen I, daylight



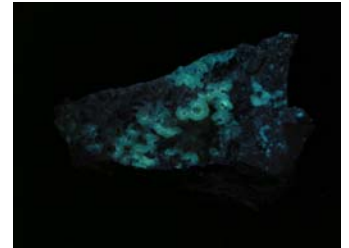
Spec. I, shortwave 254nm



Spec. I, mid-wave 312nm



Spec. I, longwave 351nm



Spec. I, longwave 370nm

Specimen G ch2024256fl

Wavelength	Fluorescence	Phosphorescence
Shortwave (254nm)	Moderate-low intensity, emerald-green color, most notable on edges of crystals,	No reaction.
Mid-wave (312nm)	Low intensity, muted emerald-green color.	No discernable reaction.
Longwave (351nm)	Very-low intensity, muted emerald-green color.	Same as Mid-wave (312nm).
Longwave (370nm)	Same as Longwave (351nm).	Same as Shortwave (254nm).

Specimen H ch2024259fl

Wavelength	Fluorescence	Phosphorescence
Shortwave (254nm)	Low intensity, blue-green color.	No reaction.
Mid-wave (312nm)	Moderate-low intensity, blue-green color.	Extremely-low intensity, color indeterminant, 1-second duration.
Longwave (351nm)	Moderate intensity, blue-green color.	Similar to Mid-wave (312nm), except 2-second duration.
Longwave (370nm)	Similar to Longwave (351nm).	Very-low intensity, blue-green color, 2-second duration.

Specimen J ch2024264fl

Wavelength	Fluorescence	Phosphorescence
Shortwave (254nm)	Low intensity, blue-green color.	Very-low intensity, blue-green color, 2-second duration.
Mid-wave (312nm)	Similar to Shortwave (254nm).	Low intensity, gray-white color, 3-second duration.
Longwave (351nm)	Moderate-low intensity, blue-green color.	Similar to Shortwave (254nm).
Longwave (370nm)	Moderate-low intensity, blue-green color.	Low intensity, white color, 3-second duration.

Specimen I ch2024262fl

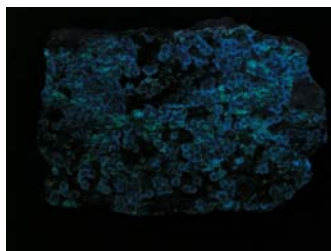
Wavelength	Fluorescence	Phosphorescence
Shortwave (254nm)	Low intensity, emerald-green color.	Extremely-low intensity, white color, 2-second duration.
Mid-wave (312nm)	Moderate-low intensity, emerald-green color.	Similar to Shortwave (254nm).
Longwave (351nm)	Similar to Mid-wave (312nm).	Similar to Shortwave (254nm).
Longwave (370nm)	Moderate-bright intensity, emerald-green color.	Similar to Shortwave (254nm).

Specimen K ch2024273fl

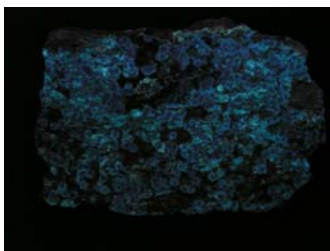
Wavelength	Fluorescence	Phosphorescence
Shortwave (254nm)	Moderate-low intensity, blue-green, prominent on crystal edges.	Very-low intensity, blue-green color, 3-second duration.
Mid-wave (312nm)	Similar to Shortwave (254nm), except slightly brighter.	Slightly brighter than Shortwave (254nm), sky-blue color, 4-second duration.
Longwave (351nm)	Moderate intensity, blue-green color.	Extremely-low intensity, gray color, 2-second duration.
Longwave (370nm)	Moderate-bright intensity, blue-green color.	Similar to Longwave (351nm).



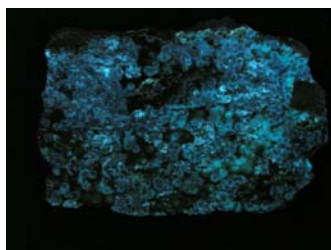
Specimen K, daylight



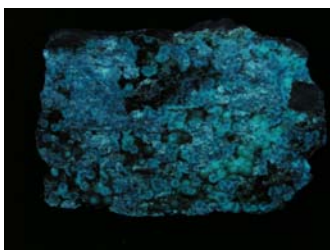
Spec. K, shortwave 254nm



Spec. K, mid-wave 312nm



Spec. K, longwave 351nm



Spec. K, longwave 370nm

Specimen L ch2024260fl

Wavelength	Fluorescence	Phosphorescence
Shortwave (254nm)	Moderate-low intensity, blue-green color.	Intensity, color indeterminable, 1-second duration.
Mid-wave (312nm)	Moderate intensity, blue-green color.	Low intensity, white with blue tint, 3-second duration.
Longwave (351nm)	Moderate-bright intensity, blue-green color.	Similar to Shortwave (254nm).
Longwave (370nm)	Similar to Longwave (351nm).	Very-low intensity, blue-gray color, 2-second duration.

Specimen M ch2024248fl

Wavelength	Fluorescence	Phosphorescence
Shortwave (254nm)	Moderate intensity, blue-green color.	Moderate intensity, green-blue color, 4-second duration.
Mid-wave (312nm)	Moderate-bright intensity, blue-green color.	Moderate-bright intensity, green-blue color, 5-second duration.
Longwave (351nm)	Similar to Mid-wave (312nm).	Moderate-low intensity, white color, 4-second duration.
Longwave (370nm)	Similar to Longwave (351nm).	Moderate intensity, white color, 4-second duration.

Specimen N ch2024246fl

Wavelength	Fluorescence	Phosphorescence
Shortwave (254nm)	Moderate-low intensity, blue-green color.	Very-low intensity, blue-green color, 2-second duration.
Mid-wave (312nm)	Moderate intensity, blue-green color.	Low-intensity, blue-green color, 3-second duration.
Longwave (351nm)	Similar to Mid-wave (312nm).	Low intensity, blue-green color, 3-second duration.
Longwave (370nm)	Similar to Mid-wave (312nm).	Similar to Mid-wave (312nm).

Observations and Notes

Longer wavelengths consistently produced more vivid results compared to other wavelengths. Fluorescent colors varied from blue-green to emerald-green. All of the specimens exhibited fluorescence; most specimens exhibited low intensity responses. The color may be due to trace quantities of the uranyl radical (UO_2)⁺². The low intensity may be caused by trace quantities of ferric (Fe^{+3}) iron ions, which can act as a fluorescent quencher or activator.

Phosphorescent colors varied; blue-green, white, white with green tint were observed. There was one specimen that did not display phosphorescence. Currently, the activators that cause the phosphorescence have not been determined.

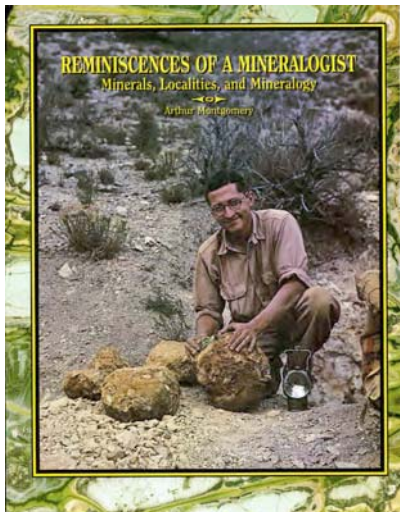
The mineral collector may find these results beneficial because they can explore an aspect of their collection not considered. Any discovery would add value to their collection by the additional knowledge gained and enlivened interest.

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Reminiscences of a Mineralogist: Minerals, Localities, and Mineralogy

by Arthur Montgomery



For sale by FM-PA Chapter

First famous for specimen mining, Arthur Montgomery was later an organizer of the national Friends of Mineralogy, and was instrumental in starting The Mineralogical Record. He was a professor at Lafayette College in Easton, Pennsylvania, during which time he wrote this book, although it was not finalized and published until some years later. In fifteen chapters covering 83 pages, the author describes the start of his interest in minerals, and then traveling, collecting, and investigating minerals through his career. Chapters include bixbyite (including topaz in the Thomas Range, Utah), wulfenite (Red Cloud Mine), beryl (Harding Mine), tourmaline, diamond, mica, quartz, topaz (Thomas Range again), epidote (including Cornog, PA), zircon, olivine group, variscite (Fairfield, Utah), sterrettite, and kolbeckite.

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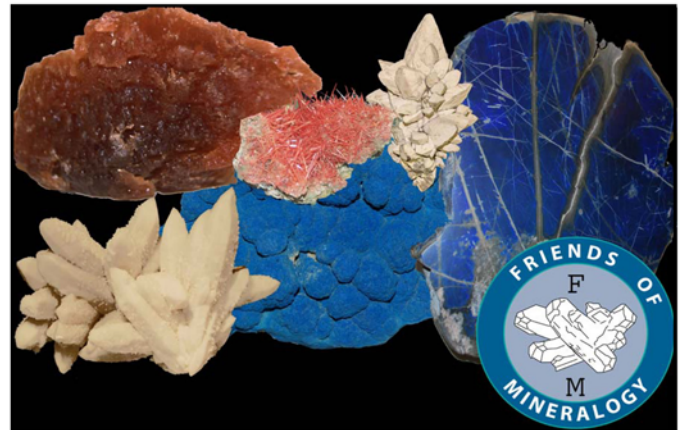
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Red, White, and Blue
- Celebrate the Spirit of Minerals

Saturday, February 14, 2026



**FM-TGMS-MSA Tucson Mineral
Symposium:
Red, White and Blue
- Celebrate the Spirit of Minerals
Saturday, February 14, 2026
Tucson Convention Center, Tucson, AZ**

From Bulletin of FM 55:2 June 2025

The forty-fourth Mineral Symposium, held in conjunction with the Tucson Gem and Mineral Show®, will take place on Saturday, February 14, 2026. This symposium is co-sponsored by the Tucson Gem and Mineral Society®, the Friends of Mineralogy, and the Mineralogical Society of America. As a tie in with the show, the symposium theme is a modified form of the show theme: "Red White and Blue, Celebrate the Spirit of Minerals."

Presentations are expected on red, white or blue minerals – worldwide localities, geology, mineralogy, crystallography, cause of color, or geochemistry. Some examples of topics are rhodochrosite, rhodonite, rubies, red beryl, azurite, aquamarine, and linarite.

UPCOMING EVENTS

Confirm details of events before attending.

Sept. 27-28, 2025: 59th Annual Gem, Mineral & Jewelry Show, By Central Pennsylvania Rock & Mineral Club. Zembo Shrine Auditorium, 2801 N. 3rd St., Harrisburg PA 17110. Sat. 10-6, Sun. 10-4.

Oct. 4, 2025: Fall Mineralfest, by Penna. Earth Sciences Assoc. Macungie Memorial Park, 50 N. Poplar St., Macungie, PA 18062. Sat. only, 8:30 - 3:00. <https://www.mineralfest.com/>

Oct. 17-19, 2025: 69th Paul Desautels Memorial Micromount Symposium, by The Baltimore Mineral Society. Natural History Society of Maryland, 6908 Belair Rd., Baltimore MD 21206. For information contact mseeds@fandm.edu

Oct. 25, 2025: 35th Ultraviolation, fluorescent minerals-only show and sale. First United Methodist Church, 840 Trenton Rd., Fairless Hills PA 19030. Sat. only, 9-4. www.facebook.com/ultraviolation/

Nov. 1 - 2, 2025: Gemarama Annual Show, by Tuscarora Lapidary Society. Greater Philadelphia Expo Center, 100 Station Avenue, Oaks, PA. Saturday 10-6 / Sunday 10-5. <https://www.lapidary.org/gemarama/>

Nov. 8 - 9, 2025: Annual Symposium & Field Trip, by Friends of Mineralogy - PA Chapter. See p. 1 and <https://rasloto.com/FM/>

FM on the WWW

Please explore the FM-PA Chapter web site:

www.rasloto.com/FM/

And the Facebook page
(linked from the site above)

<https://www.facebook.com/groups/1099795867347595/>

From the Editor

David Glick

THANK YOU to everyone who has been providing material for the Newsletter! Everyone else - join the fun! Feel free to contact me at xidg@verizon.net, or 814-810-2116 days and evenings. Mail can be sent to 425 Armagast Rd., Bellefonte PA 16823. Materials for the fall issue should be submitted by **October 10**.

Materials related to Pennsylvania mineralogy, collecting or collectors are invited for this newsletter: articles, long or short; announcements from FM-PA committees; photographs of specimens, field localities, collections, etc.; reports on publications about PA minerals or by PA authors, or actual book reviews; or other items within the mineralogy and mineral collecting areas of interest. Photographs should be of good resolution (at least 1000 pixels across) without much JPEG compression, so that they will look good in print. Please provide captions including photographers' names.

We are producing four issues each year; your material is needed! If you know people who have interesting material, please encourage them to submit it.

National News

The Bulletin of Friends of Mineralogy, links to other chapters, and much more can be found on their web site:

www.friendsofmineralogy.org and
www.facebook.com/FriendsofMineralogy/

We are a member club of EFMLS:

<https://efmls.org>

<https://www.facebook.com/efmls.org/>

Shows & Events

<https://www.facebook.com/EFMLS/>

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425 Armagast Road, Bellefonte PA 16823

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Members can find contact information
in the Newsletter edition which they
receive directly.