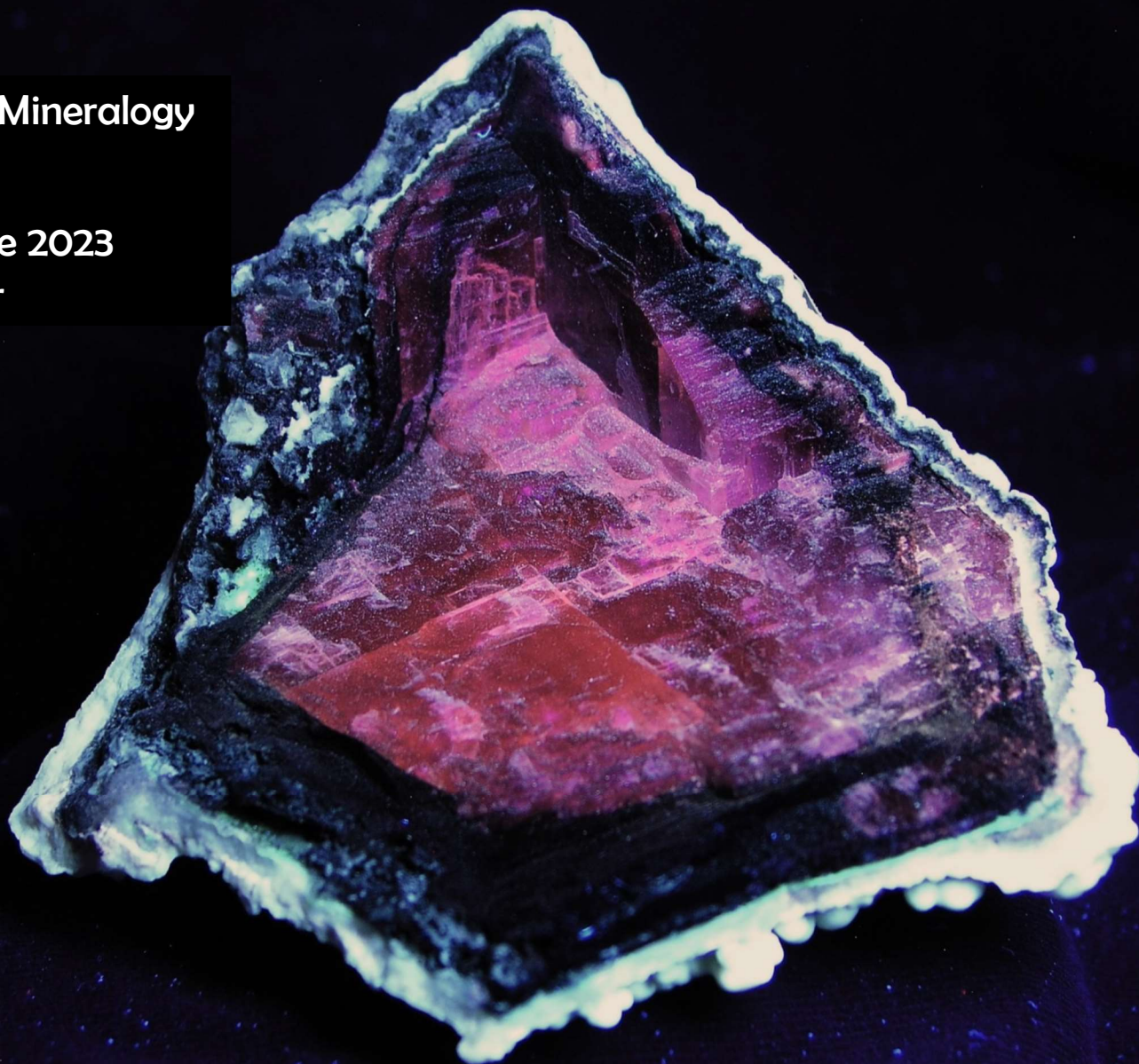


Friends of Mineralogy
Midwest

May – June 2023
Newsletter



Calcite = Southwest Mine – inner section
Calvin Harris

This edition includes.....

Treasurers Report – Page 2

Field Trip Guidelines – Page 4

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Article – Some of my favorite fluorescent mineral specimens, by Calvin Harris – Page 9

Treasurers Report

Treasurer's Report 4/15/2023

2022 Wrap-up

Frank Konieczki has completed the 2021 and 2022 Chapter Financial Audit. The 2022 statement is included.

2023 Activity

We began the year with \$10,472.12. This included \$555 in 2023 dues for 27 members.

In 2023 so far, we have registered 28 additional users via our website and 24 via traditional means. We currently stand at 79 members for 2023. This raised \$1068.00.

We received new donations of \$154.00 on-line and \$45.00 traditional. This brings 2023 revenue to \$1257.00.

On the expense side we have paid \$308.00 in National dues; \$16.00 for 2022(4 members) and \$292.00 for 2023(73 members). Our insurance premium of \$650.00 for 2023 has been paid. Our PayPal service fee was \$28.63. Total 2023 expenses to date are \$976.53. This brings our current total to \$10,753.12.

Any members that have not ever signed a Chapter Liability Agreement should print the form, and bring it to your next field trip signed and witnessed. You may find the form here:

<https://www.fommidwest.org/registration-forms/>

Contact me if you have any questions.

Jeff Spencer – Treasurer

Friends of Mineralogy Midwest Chapter

Treasurer@fommidwest.org

513-476-2163

2021 membership	89
2022 membership	81
2022 new members	15
2022 membership gain(loss)	-8
2023 members registered as of year-end 2022	27

Friends of Mineralogy Inc Midwest Chapter 2022

2022 Financial Statement - 12/31/22	Amount	Notes
US Bank Beginning Balance	\$8,739.89	
PayPal Beginning Balance	\$0.00	
Beginning Total Balance	\$8,739.89	
Income		
2022 Dues Amt. Received (check/cash)	\$1,140.00	
2022 Dues Amt. Received (PayPal-gross)	\$105.00	
2023 Dues Amt. Received (check/cash)	\$240.00	
2023 Dues Amt. Received (PayPal-gross)	\$315.00	
Total Dues Amt. Received in 2022	\$1,800.00	
Symposium Donations (check/cash)	\$40.00	
Symposium Donations (PayPal-gross)	\$90.00	
Total Symposium Donations	\$130.00	
General Fund Donations (check/cash)	\$465.00	
General Fund Donations (PayPal-gross)	\$233.00	
Total General Fund Donations	\$698.00	
Other income (Check/cash)	\$84.00	dues rebate National
Other income (PayPal-gross)	\$42.00	dues overpayment
Total other income	\$126.00	
Total Non-Dues income	\$954.00	
Total Income	\$2,754.00	
Expenses		
Paypal Transaction fees - dues	\$18.20	
Paypal Transaction fees - donations, other	\$8.25	
Total PayPal fees	\$26.45	
Web hosting 1 year	\$107.88	
Web domain registrations and protection 2 years	\$120.64	
Web SSL Certificates 2@13.90	\$27.80	
2022 insurance payment	\$650.00	
Ohio Continued Operations Filing Fee	\$25.00	
Total Symposium expenses	\$0.00	
Other expenses	\$0.00	
Sub Total	\$931.32	
2022 Registered Members	81	
2022 National dues rate	\$4.00	
2022 National dues amt	\$324.00	
credit from prior year overpayment - 61 members	\$244.00	
National Dues payment 1 - 16 members total 77	\$64.00	
National Dues payment 2 - 4 members total 81	\$0.00	\$16 sent 1/1/23
Total National Dues Paid	\$64.00	
Total Disbursements	\$995.32	
2022 Surplus/Shortfall	\$1,758.68	
Current Account Balance US Bank	\$9,713.57	
Current Account Balance Paypal	\$758.55	
Total Assets	\$10,472.12	
2022 Transfers from PayPal to USBank	\$0.00	transfer 1/2/23



Friends of Mineralogy –Midwest Chapter Field Trip Guidelines

Announcement and Reservations

A field trip date is not official until the members receive a quarry guide invitation from the field trip chairman via the Google Groups email distribution list. Dates listed in newsletters and other places are proposed and thus are tentative until communicated via email. Attendees may make reservations by responding to instructions in the field trip announcement email. The number of attendees to any given trip may be limited, so individuals must pre-register with the field trip chairperson in advance of the trip. Otherwise, admission may be denied. This also applies to guests. The sign-up period for field trips normally ends at 12 am two days prior to the field trip. Attendees will receive a confirmation email with any trip-specific information in it. Attendees need to read this email carefully!

Eligibility

Attendees of Chapter-sponsored field trips must be a current member of the Midwest Chapter, with the following exception: at the discretion of the field trip chairperson, a guest may be allowed for special reasons (such as a member of another FM chapter). Requests for guests should be made when the trip is announced. New members may register at any time prior to a trip deadline. Our membership year begins on Jan 1st and existing and previous members must have paid dues prior to trip reservation announcements being broadcast.

Unless it is otherwise noted in the Field Trip Announcement, the minimum age to attend a field trip is 18. Children may not be brought on field trips unless specifically noted in the announcement. Age limits will be at the discretion of the field trip chairperson and quarry personnel.

All field trip attendees, including guests, shall be required to sign a FM Midwest Hold Harmless Agreement prior to participating in a field trip. Safety Training is also required. (see the Training and Trip Safety section below)

Cancellations

Since there could be a limit on how many members can go on a given field trip, it is important and MANDATORY that you cancel as soon as you know you cannot go so that someone may take your vacant spot. Failure to do so may affect your eligibility for future trips. All cancellations should be made at least 2 days prior to the trip date so there is time to have someone else take the vacant spot. For cancellations after that time, call the numbers listed in the trip confirmation emails.

Training and Trip Safety

Trip attendees are responsible for being properly trained prior to attending field trips. Mine Safety and Health Administration approved training is available at multiple times and locations each Spring and will be communicated to members.

Individuals should have a copy of their certificate in their possession. This also applies to guests. Those without the certificate may be refused admission by quarry personnel. Note that the certificate must be updated annually in order to be valid. Keeping a copy of your certificate and emergency contact information in a zip-loc bag in your hard-hat is a good practice.

Attendees must sign in at the quarry office and participate in MSHA-required site-specific training given by quarry personnel. Rules delineated by quarry personnel must be followed without question. Note that quarries often require that collectors sign a release absolving the quarry company and personnel of any responsibility for injuries or damage to property.

All collectors must arrive at the appointed quarry location before the time posted in the trip instructions. Failure to arrive on time may void the individual's opportunity to collect that day – at the discretion of the trip leader and co-leader.

- If you are late getting to a quarry DO NOT DRIVE DIRECTLY INTO THE QUARRY without a quarry escort. To do so would be driving onto mine property without site-specific training and in violation of Federal Law. Furthermore, such an action may get the whole chapter barred from future trips to that quarry.

- As stated above, if you are late getting to a property we will know it by your absence during site-specific training. Wait at the office, if the group has already entered the quarry. If our host allows late arrivals to enter the quarry, you cannot do so without their site-specific instruction and your signature on their waiver form.

Collectors are required to provide and use the following Personal Protection Equipment:

- Hard hat: (in good condition without cracks),
- Safety Glasses: (side shields are desirable for optimal protection)
- Boots with industrial safety-toes
- Safety Vest (Reflective vests may become mandatory)
- Long Pants
- Note: All quarries require that vehicle wheels be chocked, and some may require a yellow warning light on the vehicle roof. Read the field trip notice.

Good safety equipment options are:

- Ear protection
- Gloves
- Knee pads
- Tool belts
- Water. Stay hydrated - when you detect you are thirsty, you are already partially dehydrated. Also, water is good for washing off specimens.

Restrictions on power tools and other location specific guidelines will be communicated in field trip announcements, if they are known before the trip. Such requirements and prohibitions vary from quarry to quarry, and may also depend on who our host is for the trip. Do not assume that it is OK to use power tools-ask our host, and comply with their instructions.

All collectors understand that there is some risk inherent in field trips. Neither FM Midwest nor any other member can be held liable for injuries or loss of property. Be aware that damage to your vehicle that takes place in a quarry or other off-road areas may not be covered by your auto insurance. All field trip attendees, including guests, shall be required to sign a FM Midwest Hold Harmless Agreement prior to participating in a field trip; this need only be done once.

Every effort must be made to avoid leaving trash or other items at the collecting site. Take care that metal tools are not left behind. Remember: we are their guests.

It is understood that the field trip chairperson oversees the trip and that his/her instructions are to be followed and only quarry management has higher authority.

It should be understood that not all trips will be productive regarding either quantity or quality of specimens available. This is not within the control of either the field trip chairperson or the quarry personnel.

Attendees must agree to the above guidelines, and to conduct themselves in a responsible manner. We can visit quarries only by permission of quarry owners and if they hear negative comments or observe unsafe or uncourteous behavior, future visits may be denied. It is important to understand that many quarries are now owned by a single company, and if negative comments or inappropriate behavior is encountered by the quarry personnel at one location, the door may be closed at all facilities of the parent company.

Violations of Policies and Resultant Penalties

Disregarding any instruction from the quarry operators or trip leaders is never acceptable and violates one of the lessons taught in our safety training. Safe and respectful field collecting is required of all participants on a FM Midwest fieldtrip. All FM Midwest participants will be monitored by other participants and trip leaders for their behavior and may receive feedback on site from other collectors or the trip leader(s). In addition, potential punishments from the FM Midwest executive committee can result if the reported behaviors violate our safety training, are disrespectful to the quarry operators or jeopardize future trips.

- Any member who sees a potential violation of policy or procedures should inform the involved individual(s) and report the incident to the trip leader or co-leader.

The leader and co-leader have the authority to expel any FM Midwest member from a quarry for cause – late arrival, missing site-specific training, unsafe or disrespectful behavior. Any episode of expulsion must be reported in writing (email) to the executive committee within 24 hours.

Violations less severe than ones that lead to immediate expulsion from a quarry must be forwarded in writing to the FM Midwest executive committee by at least one FM Midwest member who witnessed the offense(s).

- Failure to comply with the FM Midwest or quarry guidelines can result in a range of consequences that includes exclusion from a number of future field trips or expulsion from FM Midwest Chapter.

Penalties will be commensurate to the seriousness of the offense(s).

- Any member so penalized has 30 days to appeal the penalty to the chapter executive committee who will have 5 working days to rule on the appeal.

Field trip Organizational Leadership

FM Midwest Trips will have a leader and a co-leader.

- Co-leader and Leader will have 2-way radios on their person during the entire time in a quarry and check with one another periodically.

- During site-specific training, one or both will remind everyone entering the quarry of the rules – safe collecting as described in our required training, courteous collecting (stay off equipment, away from sumps, highwalls and powerlines, obey quarry rules, do not stop or enter other parts of quarry), and to depart promptly when told to do so.

Note:

Per our guidelines, previous members cannot participate on field trips until they have paid this year's membership dues, i.e. cannot go on the Danville trip if they pay for membership now, after the invite has gone out. This does not apply to individuals who are new to the Chapter.

Quarry Travel / Event Guide

We have good news. It may seem odd that I advertise our second 2023 field trip first, but this will give you time to get a motel room if you need one. This year's Danville trip will be led by local collector and Centre College supporter Danny Settles.

His sidekick and FM member Ed Odell will lead the trip. Some of you from SW Ohio may know Danny as a participant at Cincinnati's annual Geofair. Speaking of fair, Danny is not a fair, but a great collector. One Cincinnati show featured display you may remember Danny from is his world class fluorescent mineral display. Field trip days are long days, but if you have enough steam in the boiler for a show after the field trip, Danny might be willing to show you one of the finest fluorescent mineral collections in the US. I don't know if he sells his extra specimens, but it might be worth asking.

As I mentioned above, this quarry guide is coming out early for purposes of garnering a motel room, but you can also sign up for the trip at your convenience.

There are plenty of places to stay and eat, but if I hear of a unique post-trip dining opportunity, I will pass this information along to you.

Happy hunting.

Reggie Rose

FM Field Trips

614-875-2675

Field Trip Locality: Caldwell Stone

Address: 1648 Old Stanford Road Danville, KY 40422 (Office: 859-236-6829)

Date of Trip: Saturday, June 03, 2023

Time of Field Trip: 7:00 am – 12:00 pm (ending time dependent on hosts' discretion)

Travel Distance: (from Grove City, OH; exit 100 on I 71): 219 miles

Travel Time: from Grove City, OH; exit 100 on I 71: 3:32

County: Boyle

Age of Rock: Middle Ordovician

Units Exposed: Lexington Limestone

Training Required: On Site

Specimens Present: Barite, Celestine(?), Chalcopryite, Dolomite, Galena, Gypsum, Marcasite, Pyrite, Quartz, Smithsonite, Sphalerite, Strontianite, Witherite(?)

(This is a mindat list; see Alan Goldstein's report on this quarry at: www.alangoldsteinsuniverse.com.)

Descriptive Geology:

This locality is in the Central Kentucky Fluorspar District. Bedrock in this region is full of faults. Minerals in the faults are low temperature hydrothermal deposits. The vein named here for minerals deposited is the Walker Vein.

Quarry Location: The north branch of Route 150 goes out of Danville to the southeast. Old Stanford Road runs North off of Route 150 – turn left on Old Stanford Road before you get to the south branch of Route 150, the Danville Bypass.

MOTELS:

Due to the distance involved it might be expedient to consider taking a motel the night before the Field trip. Speaking of expedient, most of these motels are found on Expedia.com (except for the Super 8 which was found on booking.com. The numbers in brackets are the per night fee including motel tax; the numbers in parentheses are the distance from Danville; no distance is given for Super 8 which was on Booking.com.

Motel 6 [59] 1029 Cooper Drive Berea, KY 40403 859-986-7373 (25.3)	Countryside Inn [53] 230 Eastern Bypass Richmond, KY 40475 859-623-8813 (25.7)	Quality Quarters Inn [60] 105 North Killarney Lane Richmond, KY 40475 844-202-5670 (25.6)
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Knights Inn [57] 715 Chestnut Street Berea, KY 40403 859-986-2384 (26.1)	Relax Inn [61] 1688 Northgate Drive Richmond, KY 40475 859-674-6212 (26.6)	Super 8 [60] 107 North Keeneland Richmond, KY 40474 844-202-5670
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Econolodge [72]
254 Paint Lick Road
Berea, KY 40403-8069
I-75/Exit 76 (SR 21 W)
859-986-9323 (25.6)



Some of My Favorite Fluorescent Mineral Specimens

Calvin Harris

In this article, I thought it would be fun to write about some of my favorite fluorescent mineral specimens. Like most collectors, I have seen fine examples on the internet, in museums, in publications and have determined that a few noteworthy examples are included in my collection. Inspiration to write this paper is attributed to specimens that exhibit un-expected responses to mid-wave ultraviolet (UV) light, the association with a fluorescent quencher, phantom zoning and unusual phosphorescent color due to organic activators, lineage and mineral development. The value of these minerals is based on their scientific merit, for the most part; they're not particularly valuable as aesthetic or rare items, nor do they always come from famous collecting sites.

The notion of "favorite mineral specimen" is subject to change when new specimens are collected and especially when specimens are re-examined for additional information. Re-examining minerals is particularly gratifying because knowledge can be gained in addition to the reason they were collected in the first place. It is also a hedge against overlooking or forgetting about parts of the collection relegated to cabinets, shelves or other places used for safe-keeping. Unless noted, the specimens are cabinet size. This eclectic grouping has no specific rank regarding personal preference. Each one has its own unique traits and the order presented should not be construed with importance.

SuperBright II 3000 Series lamps are the UV sources used for evaluation. These hand-held devices are manufactured by UV SYSTEMS, Inc., based in Renton, Washington. The shortwave lamp emits a wavelength of 254 nanometers (nm), while the mid-wave lamp emits a wavelength of 312 nm; the longwave lamp emits a wavelength of 351 nm. The lamps operate under AC or DC electric sources; the DC source was used to evaluate the specimens. Additionally, a Vivitar 283 battery powered photographic flash unit was used to generate and observe *flash* or phosphorescence characterized by its bright intensity and short duration.

Calcite, Peregrina mine, Guanajuato, Mexico.

This specimen is a large cabinet size sample. The upper section consists of rhombohedral crystals of different sizes. The dimension of the large crystals measure from 1cm to 3cm, while the small crystals measure 2mm-5mm. The crystals have a light tan coloration with a glassy, clear to translucent appearance. A vein that runs between the upper and lower sections is a white crystalline band with a thickness of 0.5cm. The lower section consists of small crystals similar to the upper section crystals. Additionally, this section largely consists of numerous, white, box-like forms that have light gray coloration in their open areas. This specimen is one of my favorites because it offers a multitude of luminescent responses to UV radiation. The results from mid-wave radiation are noteworthy due to color saturation and intensity. The luminescent effects appeared to be caused by different activators acting concurrently and independently. Responses to ultraviolet light include muted red and gray coloration, as well, as, a red-orange *flash*.



The activators or trace quantities of certain organic and inorganic substances are known to cause fluorescence and phosphorescence in calcite and other carbonate minerals.

Fluoroapatite, Magnetite from Edison Iron Mine, Sparta, New Jersey

This specimen consists of small grains of fluoroapatite disseminated throughout magnetite. These grains are about the size of rice and fluoresces an orange color light when exposed to shortwave UV light. I find this specimen interesting because of the large presence of iron, a known quenching agent of fluorescent minerals. Clearly, iron does not hamper fluorescence in this specimen. Another interesting aspect is a strong magnetic field with the ability to influence the magnetic needle of a compass. Passing this specimen near a Suunto M2 compass caused its needle to rotate some 180°.

Calcite from Southwest Mine, Bisbee, Cochise County, Arizona

This is an unusual specimen consisting of an outer calcite layer surrounding a clear scalehedron calcite core. It is cone shaped with the largest end exposing the crystal. It is uncertain if this crystal completely fills the specimen's interior. It is likely that groundwater percolated through limestone and precipitated the calcite outer layer. This part of the specimen fluoresces a cream-tinted light, when exposed to shortwave, mid-wave and longwave UV light, followed by an intense phosphorescence of the same color. The response suggests that an organic activator is causing the luminescent effect. The inner core, which presumably formed later, provides a red-orange fluorescence to shortwave ultraviolet light. The fluorescence was caused by the inorganic activator manganese and the co-activator lead. This specimen is one of my favorites because of the interesting growth sequence of the different forms of calcite involved and the contrasting fluorescent responses.

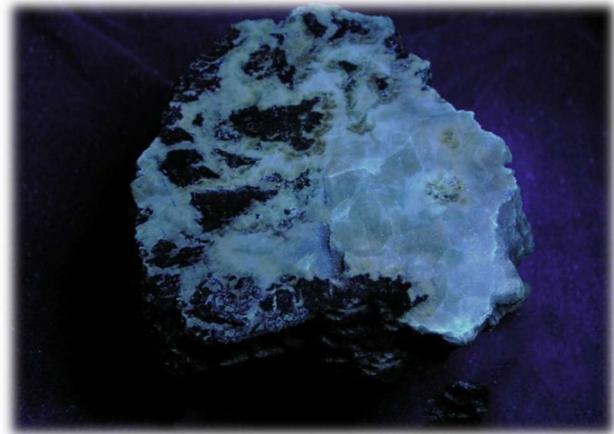


Blue Phosphorescing Calcite on Dolomite from Rutherford County, Tennessee

This specimen has fluorescent attributes suggesting that an organic activator is at work: a pastel blue color fluorescent response to shortwave, mid-wave and longwave UV light and all cases phosphorescence occurred. These features are interesting and unusual; they are not described in the reference literature available nor has been seen in any of the samples I've collected. Determining the cause of this effect will likely involve considerable research with respect to activators, structural defects or other anomalies of the mineral's lattice framework. This is a favorite because of its unique luminescent features.

Larimar, Punta Cana, Dominican Republic

This specimen has sentimental, as well as, scientific value for me. My wife gave me this specimen as a birthday gift when we visited Punta Cana, Dominican Republic many years ago. Larimar is the national stone of the Dominican Republic and is frequently used for jewelry. This specimen was used as a display piece in a gift shop. Its shape is roughly spherical and has a sawn face; it has a diameter of approximately 3-inches. After coming home, I decided to radiate the specimen and was pleasantly surprised that shortwave UV light produces a moderately bright blue fluorescent response! I had no idea that this mineral could be fluorescent. Without question, this was a wonderful birthday gift from my wife!



Calcite on Sphalerite, Mogilia mine, Madan, Bulgaria.

Acquired several years ago, this sample consists of well-developed calcite crystals and measures some 10 inches. It has the potential for favorite status because its coloration indicates that it may be manganocalcite, which is the subject of an article I plan to prepare later this year. Stay tuned.

Quartz (Herkimer Diamond), Herkimer Diamond mine, Herkimer Cty., Middleton, NY.

Quartz generally does not exhibit fluorescence, so it is intriguing and worth investigating the luminescence displayed by certain Herkimer diamonds. The specimen selected for this article is situated in a dolomite matrix and is slightly less than an inch in length; it has a fractured center and clear terminations. This center occupies a considerable area of the specimen and is quite distinct from the clearer parts of the sample. The crystal's position in the matrix allows viewing from almost any direction. A bluish-white color is exhibited when exposed to shortwave and mid-wave UV radiation. Additional studies include identifying the type of activator(s) and why fluorescence is restricted to the fractured zone of certain Herkimer diamonds.



Calcite with Pyrite, Hamburg, quarry, Hamburg, Sussex County, New Jersey.

This was another gift, but this time from an associate. It has a most intriguing response to UV radiation, which was unexpected and unpredictable. Calcite is often fluorescent and phosphorescent under shortwave, mid-wave and longwave radiation. However, this specimen only exhibits *flash*, which is caused by shortwave radiation. Interestingly, only the photographic flash unit produced this effect. Unquestionably, additional research relate to mineral luminosity is needed to understand and appreciate this oddity.

Fluorite with A. E. Foote Label

The last fluorescent mineral I wish to write about is a fluorite specimen from Hartz, Saxony, Germany. I am fond of this one because it was once owned by the mineral dealer and collector, Albert Edward Foote of Philadelphia. According to The Mineralogical Record Biographical Archive website, A. E. Foote (1846-1895) used some 9 different styles of labels from about 1884 to 1895. It seems that these labels were used to catalog specimens belonging to his personal collection. The labels used for minerals related to his business include the statement, "Foote Mineral Co.," and a reference to Philadelphia and sometimes Paris is also included. I value lineage as an important aspect of any collectable item especially minerals! This information is almost as vital as specimen locality. My specimen's label measures 17x29 mm with bobbed corners, and a thin black border that follows the shape of the label. It describes the specimen's name, chemical composition, the locality, a reference number, 175 and Foote, Philad'a. The mineral's name fluorite and Mr. Foote's information utilize capital letters, while the remaining information is printed using upper-and lower-case letters. This specimen has two additional labels suggesting additional owners to Mr. Foote. Unfortunately, I do not have information about additional owners. The number 95 is printed on one of the labels and has a font style and paper type similar to Mr. Foote's label. The other label reads 33 and appears to be an India ink marking on a white enamel field. This style of labeling was especially popular during the 1950s and 1960s.

In closing, this list of fluorescent minerals is subject to change, which is appropriate and desirable. Change is realized by constantly exploring different aspects of mineral collecting, which can foster enthusiasm and deter stagnation and lethargy. Continual exploration can also inspire collectors to seize opportunities to better understand our hobby.

Top of page 10 pictures – Peregrina Mine, daylight and shortwave

Bottom on page 10 pictures – Southwest Mine inner section daylight and shortwave

Middle of page 11 pictures – Larimar Mine, daylight and shortwave

Top of page 12 - Herkimer Diamond Mine, daylight and shortwave

58th Annual Cincinnati Show GEOFAIR 2023

May 6-7

**Sharonville
Convention Center**

11355 Chester Rd.
Sharonville, OH 45246

Show Theme:

Midwest Minerals &
Fossils



Speakers

Dr. Carl Francis, Maine Mineral & Gem Museum
Marvelous Midwest Minerals

Dr. Collin Sumrall, Tennessee State University
Strange Fossils

Mr. Jeff Scovil, Phoenix, Arizona
Jewels of the Midwest

Dr. Glenn W. Storrs, Cincinnati Museum Center
Fossils of Big Bone Lick, Kentucky

Activities

- Cash Prizes for Best Exhibits
- 50 Retail & Wholesale International Dealers
- Swap Area with Swapper Dollars
- Friends of Mineralogy Meeting
- Mineral, Fossil, and Gemstone ID
- Education Center for Kids, managed by the University of Cincinnati and Miami University
- Over 70 Mineral, Fossil & Jewelry Displays
- Fossil Workshop

Information:

www.geofair.com • tehuizing@fuse.net

FRIENDS OF MINERALOGY, INC.

Midwest Chapter APPLICATION FOR MEMBERSHIP MEMBER DATA SHEET

Please fill in this application and mail it along with your dues to the address listed at the bottom.

Name _____
Last First Middle Initial

Address _____
Street City or Town

State Zip/Postal Code _____

Telephone Number _____ (Home) _____ (Office/cell)

E-mail address _____

Would you be willing to serve as an officer or committee member/chair? _____

Would you be willing to serve in another volunteer capacity? _____

How did you find out about Friends of Mineralogy? _____

I affirm that I support the purposes* of Friends of Mineralogy:

Signature _____ Date _____

Friends of Mineralogy, Inc. is composed of the members of 7 local chapters, plus national members not affiliated with a chapter. **Prospective and renewing Midwest Chapter members should send this completed application and \$20.00/year dues to the address below:**

Our Chapter is funded by membership fees, fundraising efforts and additional contributions. Please consider an additional contribution to help support us in achieving our Chapter Mission. We will email you a receipt for tax reporting purposes.

Additional donations: Annual Symposium \$ _____
 General Fund \$ _____
Total (including Dues \$ _____

*

1. To promote interest in and knowledge of mineralogy.
2. To advance mineralogical education.
3. To protect and preserve mineral specimens and promote conservation of mineral localities.
4. To further cooperation between amateur and professional and encourage collection of minerals for educational value.
5. To support publications about mineralogy and about the programs of kindred organizations.

Jeff Spencer, Treasurer
Friends of Mineralogy, Midwest Chapter
4948 Beechwood Rd., Cincinnati, Ohio 45244



2023 Officers

President – Vacant

Vice President Programs – Vacant

Field Trips/Safety Officer - Reggie Rose, 4287 Parkmead Dr.
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(614)875-2675 vpfieldtrips@fommidwest.org

Secretary – Frank Konieczki, 50355 W. Huron River Dr.
Belleville, Michigan 48111
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Liaison Officer Randy Marsh, 6152 Old Stone Ct.
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Fund Raising (Committee Chair) - Vacant

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Newsletter published bi-monthly in January, March, May, July, September and November. Please submit all information for publication in the newsletter by the 15th of the previous month.

Chapter Website:

www.fommidwest.org

National Website:

www.friendsofmineralogy.org

Affiliations:

THE MINERALOGICAL RECORD
THE MINERALOGICAL SOCIETY OF AMERICA
AMERICAN GEOSCIENCES INSTITUTE
MINERALOGICAL ASSOCIATION OF CANADA
ROCKS & MINERALS MAGAZINE
MINERAL NEWS
MINDAT

Our purpose is to organize and promote interest in and knowledge of mineralogy; to advance mineralogical education; to protect and preserve mineral specimens and promote conservation of mineral localities; to further cooperation between amateur and professional and encourage collection of minerals for educational value; and to support publications about mineralogy and about the programs of kindred organizations.

