



*to promote, support, protect and expand the collection of mineral specimens and to further the recognition of the scientific, economic and aesthetic value of minerals and collecting mineral specimens*

# BULLETIN OF FRIENDS OF MINERALOGY

Vol. 53, No. 1

ISSN 2471-7932

March 2023

## PRESIDENT'S MESSAGE

by Mark Jacobson



I've mostly rested from a week at the Tucson Gem and Mineral Show. FM's organizational activities during the show were varied. The FM National board meeting was well attended both virtually via zoom for the West and East coast chapters. The entire agenda was completed in record time on Friday morning. There were still some technical difficulties with zoom both relating to sound and visuals but we'll get these fixed next year. Erin Delvanthal completed the compilation of the awardees for the best articles of the year in the Mineralogical Record, Rocks & Minerals, and Mineral News. She also successfully compiled the results for determining the awardees for the Kay Robertson Educational Display awards at the Tucson Gem and Mineral Show for institutional and non-institutions (individuals or groups). The awardees were announced at the Saturday evening show award ceremony, along with all the other exhibition competitive mineral display awards, the best micromount photograph award, judged by Jeff Scovil, and the 2022 Carnegie Mineralogical Award which went to William "Skip" B. Simmons.

On Saturday, FM National held a successful mineral symposium with 9 speakers focused on the silica minerals and associated silicates. The attendance varied from presentation to presentation from 49-27 in the live audience and 23-13 online via zoom. The symposium was held for the first time in the new meeting rooms on the same level as the main exhibit hall at the far west end. It had two entrances, so purchase of a show ticket was unnecessary. To make the symposium a success required the help of a lot of people. Pat McClain, Executive Manager, and Rose Marques, Executive Assistant from the TGMS enabled FM to utilize the lecture hall, sound system and a wired internet connection. The Mineralogical Society of America, Rocks & Minerals, and Mineral News helped advertise the call for papers and the lectures. Erin Delvanthal handled the FM webpage registration for remote viewers. We utilized the zoom license from the FM Virginia Chapter with the newly-elected Pacific Northwest chapter president, Jessica Robertson monitoring the internet viewers, letting new listeners in and insuring the internet connection did not go down.

## INSIDE THIS ISSUE:

President's Message	1, 3
Officers	2
Newsletter Editor	3
National Board Meeting	4-6
Kay Robertson Awards	7
Best Article Awards	7
Annual Tucson Symposium	8
Membership Numbers	9
Chapter Reports	10-12
Affiliate Reports	13-14

(continued on page 3)

## NATIONAL OFFICERS

### PRESIDENT:

Mark Jacobson • [markivanjacobson@gmail.com](mailto:markivanjacobson@gmail.com)

### VICE PRESIDENT:

Erin Delventhal • [erindelventhal@gmail.com](mailto:erindelventhal@gmail.com)

### SECRETARY:

Jeanine Mielecki • [jaynine9@aol.com](mailto:jaynine9@aol.com)

### TREASURER:

Bruce W. Bridenbecker • [bbridenbecker@cmccd.edu](mailto:bbridenbecker@cmccd.edu)

### WEBMASTER:

Erin Delventhal • [erindelventhal@gmail.com](mailto:erindelventhal@gmail.com)

### PUBLICITY CHAIRPERSON:

Jessica Robertson • [jar7709@hotmail.com](mailto:jar7709@hotmail.com)

### NEWSLETTER EDITOR:

Sean Stimac • [seanstimac@gmail.com](mailto:seanstimac@gmail.com)

## NATIONAL BOARD OF DIRECTORS

Terms expire before the annual general February

### TERMS EXPIRE 2024:

Alexander Schauss; [alex@aibmr.com](mailto:alex@aibmr.com)

Alfredo Petrov; [alfredo@mindat.org](mailto:alfredo@mindat.org)

Bruce W. Bridenbecker; [bbridenbecker@cmccd.edu](mailto:bbridenbecker@cmccd.edu)

Alex Venzke; [alex.venzke27@gmail.com](mailto:alex.venzke27@gmail.com)

### TERMS EXPIRE IN 2025:

Erin Delventhal; [erindelventhal@gmail.com](mailto:erindelventhal@gmail.com)

Mark Jacobson; [markivanjacobson@gmail.com](mailto:markivanjacobson@gmail.com)

Linda Smith; [vanegas3@charter.net](mailto:vanegas3@charter.net)

Markus Raschke; [markus.raschke@colorado.edu](mailto:markus.raschke@colorado.edu),

### TERMS EXPIRE IN 2026:

Matt McGill; [matt@irocks.com](mailto:matt@irocks.com)

Jessica Robertson; [jar7709@hotmail.com](mailto:jar7709@hotmail.com)

Jeanine Mielecki; [jaynine9@aol.com](mailto:jaynine9@aol.com)

William Besse; [wwbesse@gmail.com](mailto:wwbesse@gmail.com)

## CHAPTER REPRESENTATIVES

Chapter representative also have a board position.

### COLORADO CHAPTER:

Peter Modreski • [pmodreski@aol.com](mailto:pmodreski@aol.com)

### MIDWEST CHAPTER:

Randy Marsh • [marsh.rg@pg.com](mailto:marsh.rg@pg.com)

### MISSISSIPPI VALLEY CHAPTER:

Larry Nuelle • [lnuelle@gmail.com](mailto:lnuelle@gmail.com)

### NEW JERSEY CHAPTER:

Ryan Klockner • [ryan@lpinetwork.com](mailto:ryan@lpinetwork.com)

### PACIFIC NORTHWEST CHAPTER:

Jessica Robertson • [jar7709@hotmail.com](mailto:jar7709@hotmail.com)

### PENNSYLVANIA CHAPTER:

Bill Stephens, PG • [bstephens@stephensenv.com](mailto:bstephens@stephensenv.com)

### SOUTHERN CALIFORNIA CHAPTER:

Dr. Don Buchanan • [dbuch7326@aol.com](mailto:dbuch7326@aol.com)

### VIRGINIA CHAPTER:

Thomas N. Hale • [virginiamineralproject@gmail.com](mailto:virginiamineralproject@gmail.com)

## EX-OFFICIO BOARD MEMBERS

### ROCKS & MINERALS:

Marie Huizing • [rocksandminerals@fuse.net](mailto:rocksandminerals@fuse.net)

### THE MINERALOGICAL RECORD:

Wendell Wilson • [minrecord@comcast.net](mailto:minrecord@comcast.net)

### MINERALOGICAL SOCIETY OF AMERICA:

Alex Speer; • [jaspeer@minsocam.org](mailto:jaspeer@minsocam.org)

### MINDAT:

Jolyon Ralph • [jolyon@mindat.org](mailto:jolyon@mindat.org)

### MINERALOGICAL ASSOCIATION OF CANADA:

Paula Piilonen • [ppiilonen@mus-nature.ca](mailto:ppiilonen@mus-nature.ca)

### MINERAL NEWS:

Tony Nikischer; • [tony@excaliburmineral.com](mailto:tony@excaliburmineral.com)

## ONLINE RESOURCES



WEBSITE:

[friendsofmineralogy.org](http://friendsofmineralogy.org)



CALENDAR OF EVENTS:

[friendsofmineralogy.org/calendar-of-events](http://friendsofmineralogy.org/calendar-of-events)



FACEBOOK:

Official page: @FriendsOfMineralogy

Public group: Friends of Mineralogy community



INSTAGRAM:

[@friendsofmineralogy](https://www.instagram.com/friendsofmineralogy)



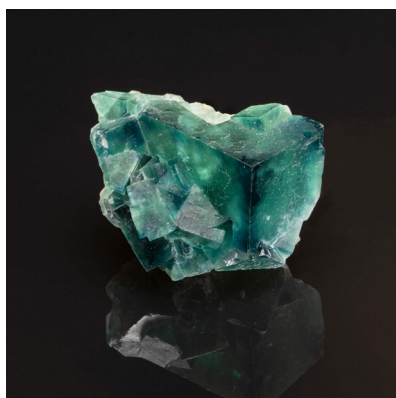
(President's Message, continued from page 1)

Next year symposium should be quite interesting with the subject (and show) theme of Pegmatites: Crystals Big & Beautiful. I suspect we will be able to attract the scientific leaders in pegmatites genesis and mineralogy for presentations. The show mineral displays may well reflect the same excitement, maybe with cases from the US northeast of New England, Southern California, Colorado and perhaps Montana, New Mexico, and Arizona. Of course all the exceptional giant specimens from Brazil, Africa, Pakistan-Afghanistan and Russia will also be there.

I look forward this year learning about the varied activities in the chapters. Some of the chapters have been particularly vigorous in symposia and publications.



## NEWSLETTER EDITOR



As your new editor, I would like to take the opportunity to introduce myself. Rocks and minerals are my life and have been for most of my life. My grandpa got me started picking agates and prehnite off the shores of Lake Superior and scavenging copper off the waste piles around Keweenaw County, Michigan. One of my primary interests today is still the geology and mineralogy of the Lake Superior Region. My other loves are Scheelite Group minerals and Fluorescent minerals, especially those from the Franklin Mining District. In my spare time, when I have it, I'm an avid mineral photographer. I currently live in NE Ohio with my wife, two kids, and three dogs.

I hope to be able to continue producing this newsletter to the high standards my predecessors have set for me. Newsletters serve a few purposes, among them are the immediate dissemination of pertinent information to our membership. They also serve as a historical archive of who we are now. I think it's important to be cognizant of the future value these will serve to those interested in our history.

I'm looking forward to taking on this responsibility and am excited to begin getting better acquainted with our national members, the regional clubs and our affiliates.

Best Regards,

Sean Stimac



*Please Note:*

**JUNE NEWSLETTER DEADLINE JUNE 18<sup>TH</sup>, 2023**

Topics of interest include:

- Regional Club Updates
- Events and Activities
- Mineralogy News and Articles
- Affiliate News and Articles

send submissions to [seanstimac@gmail.com](mailto:seanstimac@gmail.com)



## FM NATIONAL ANNUAL BOARD MEETING MINUTES

### FEBRUARY 10, 2023, 9AM MOUNTAIN TIME, TUSCON, ARIZONA

Attendance was a combination of in person and virtual ZOOM.

Attending: Mark Jacobson, Alexander Schauss, Alfredo Petrov, Bruce Bridenbecker, Erin Delventhal, Jeanine Mielecki, Jessica Robertson, Linda Smith, Matt McGill, Markus Rasche, William W. Besse, Randy Marsh, Thomas Hale, Pete Modreski, Ryan Klockner proxy for David Shapiro, Don Buchanan, William Stephens, Alex Venzke, Anne Benbow-MSA

President Mark Jacobson called the meeting to order at 9:07 am MST and declared a quorum present.

Minutes from the 2021 FM Business Meeting were approved.

1) Mark announced the election results of the director at large positions. Directors elected are William W. Besse, Matt McGill, Jessica Robertson and Jeanine Mielecki.

2) Linda Smith nominated Jeanine Mielecki for Secretary for National. Mark Jacobson seconded the nomination. Erin Delventhal called for the vote. Jeanine Mielecki is the new Secretary for FM National.

3) Announcement of new FM bulletin editor: Sean Stimac, at seanstimac@gmail.com. He will be communicating his approach. No action needed. This will be announced formally in the next newsletter. All newsletter submittals can be made directly to him.

4) The Erin Delventhal announced the winners of the best articles of the year for the four magazines that we grant awards to.

The best article of the year magazine winners:

Rocks and Minerals: Connoisseur's Choice: "Malachite pseudomorphs after azurite—Part 2: Milpillas, Mexico and other worldwide localities" by Peter Megaw, Evan A. Jones, Bruce Cairncross, and Malcolm Southwood.

Mineralogical Record: "History, mines, and minerals of the Mogok Stone Tract, Mandalay Division, Burma" by Thomas P. Moore, Mark H.F. Mauthner, and Wendell Wilson.

Mineral News: "The Majuba Hill Mine, Pershing County, Nevada: A source of superb secondary copper minerals" by Dan Evanich and Philippe Roth.

The Kay Robertson Educational Award for the best institutional educational exhibit at the the Tucson Gem and Mineral Show is "Oregon Thunder Eggs" by the Rice Museum of Rocks & Minerals, Hillsboro, Oregon.

The Kay Robertson Educational Award for the best non-institutional educational exhibit at the Tucson Gem and Mineral Show is "Sheet silicates: Inquiring minds want to know what's going on between the sheets" by John Rakovan.

Erin Delventhal stated that the magazine Elements will be judged next year.

5) Mark Jacobson moved to accept the FM National Treasurer's report with a request for obtaining a FM paid-for post office box that would be a shared PO box with the FMSC which reduces the annual cost that each group (FM & SCFM) would pay to a total of \$73.00 for each organization. Seconded by Erin Delventhal. Linda Smith called for the vote, seconded by Alex Venzke. The request for a shared PO box was approved and motion passed.

## BOARD MEETING MINUTES CONTINUED

6) The board agreed on the three members that volunteered to be the Nominating committee: Jessica Robertson, Erin Delventhal and Matt McGill

7) The board agreed and appointed Jessica Robertson, Erin Delventhal and Matt McGill to count the votes next year.

8) A consensus of the board appointed Jessica Robertson as the new Chairman of the Publicity committee as well as Erin Delventhal and Thomas Hale committee members.

9) The board discussed the status of the revision of the FM national operating regulations, specifically concerning internal audit requirements and aligning operating procedures to match actual processes to present to the board by July 2022. Bill Stephens from the Pennsylvania chapter volunteered to work on national operating rules as well as procedures. Don Buchanan volunteered to review the documents produced.

10) William Besse reported on the status of committee to revise the FM logo emblem. Ryan Klockner volunteered to contact someone in the New Jersey Chapter to possibly help with this. William Besse as chairman stated that there would be an update in the June bulletin.

11) FM-Virginia proposes developing a new yearly tradition of hosting FM Chapters at the East Coast Show between August 11-13, 2023. A vote is not required but will be taken to determine the level of support by FM. FM Virginia is furthering this activity.

The FM National board agrees that this is a good idea and supports this activity.

Discussion: We have had initial discussions with our partners at the FM-Pennsylvania and FM-New Jersey chapters to begin working closer together starting in 2023. FM-Virginia has secured a table for the East Coast Show near the display exhibits to promote national and regional chapters and bring more awareness to the organization. We invite all FM chapters and anyone affiliated with FM to join us for this first informal gathering.

12) FM Virginia proposes and will schedule a 1.5 hour session via zoom for all chapters regarding their education and outreach method and results. They will offer a training session on the course for Rockhounding 101 for chapters.

Discussion: Several FM regional chapters have reached out to FM-Virginia regarding our education and outreach programs. FM-Virginia would like to offer a training session on our programs with all FM chapters early next year. This would be a 1.5 hour session and we would provide materials in advance for chapters to review and bring questions to discuss. The board supports this activity.

13) Ryan Klockner and Bill Stephens representing PA and NJ chapters will provide a brief status on the 2 items. The first is a report on the findings on the Professional Geologist Continuing Education acceptability of our symposia at the National and PA Chapter levels. This can potentially be extended to other chapter's symposia.

Ryan will also give a brief discussion and if time permits a demonstration of the Speaker application he has set up in Geology 365, including a beta test using a couple of my presentations. Ryan stated that presenters are needed to participate and if interested to contact Ryan in regards to access and setting up an account.



## BOARD MEETING MINUTES CONTINUED

Bill looked into the program for the Professional Geologist and said that FM offers 6 credits for continuing education.

14) FMVA wishes to recognize both Erin and Jessica for their continued work and dedication to the outreach materials on the Facebook page. Their efforts have drawn in new membership and interest. These materials are also well-received by our local schools and industry partners. FMVA would just like to take a moment to recognize the committee and encourage others to help support their efforts.

15) Obtain majority support for two new committees who do not need to be directors for a) Educational exhibit awards committee at the Denver Gem and Mineral Show, b) Educational exhibit awards committee at the Tucson Gem and Mineral Show. These two committees will assist the Vice-President with completing these tasks. National will seek guidance from the directors – meaning the directors will suggest/recommend non-directors for this help. Erin Delventhal suggested developing a database for this.

16) National newsletter distribution practice has been either a) Each chapter provides an emailing list for their chapter or b) the chapter president receives the newsletter and emails it to their members. This action item is for each chapter to make explicit which method they choose. These decisions will be published in the next newsletter so that FM Chapter members will know how their quarterly newsletter is delivered to them.

17) A reminder for the Chapters to report their end of the year 2022 membership numbers to the President and Vice-President. This will be published in the next newsletter and used to update the history of FM website on the membership graph.

18) Formally request help from the directors – meaning the directors will suggest/recommend non-directors to help with the 2024 FM-MSA-TGMS mineral symposium on pegmatites. Mark Jacobson expects to chair this symposium. Tom Hale volunteered to help with this activity.

19) The directors and chapters need to be aware that the current National President will complete his two-year term of office and will need to be replaced in February 2024 and that a new Treasurer, who must be an at-large director should also be elected in February 2024. The Treasurer is not intended to be a long-term position.

Alex Schauss thanked Bruce Bridenbecker for submitting the Treasurer's report.

There was no report from Anne Benbow-MSA

Bill Stephens plugged the Pennsylvania symposium.

Mark Jacobson moved to close the meeting. Erin Delventhal seconded the motion and the motion carried.

Meeting adjourned at 10:18 am MST

Respectfully submitted,

Linda V. Smith

Secretary



# THE KAY ROBERTSON EDUCATIONAL AWARDS



Figure 1. The Oregon Thunder Eggs exhibit by Rice Museum of Rocks & Minerals, Hillsboro, Oregon.

The Kay Robertson Educational Award at the Tucson Gem and Mineral Show was presented for the best institutional educational exhibit to the Rice Museum of Rocks & Minerals, Hillsboro, Oregon for its display “Oregon Thunder Eggs.”



Figure 2. The Sheet silicates: Inquiring minds want to know what's going on between the sheets exhibit by John Rakovan, Socorro, New Mexico.

The Kay Robertson Educational Award for the best non-institutional educational exhibit was presented to John Rakovan, Socorro, New Mexico for his display “Sheet silicates: Inquiring minds want to know what's going on between the sheets.” The museum and individual had their award certificates mailed to them.

## 2022 BEST ARTICLE OF THE YEAR AWARDS

The Friends of Mineralogy provide checks for \$200 to the magazines in honor of the authors.\*

### The Mineralogical Record

Thomas P. Moore, Mark H. F. Mauthner and Wendell Wilson for *History, Mines and Minerals Mogok Stone Tracht, Mandalay Division, Burma*

### Rocks and Minerals

Peter Megew, Evan A. Jones, Bruce Cairncross, and Malcom Southwood for *Connoisseur's Choice: Malachite Pseudomorphs after Azurite - Part 2: Milpillas Mexico and Other Worldwide Localities*

### Mineral News

Dan Evanich and Philippe Roth for *The Majuba Hill Mine, Pershing County, Nevada: A Source of Superb Secondary Copper Minerals*

\* The odd number of judges for these awards are kept anonymous and are known only to the Vice-President, her job is to compile the results.

# TUCSON MINERAL SYMPOSIUM



In conjunction with the Mineralogical Society of America and the Tucson Gem & Mineral Society®, Friends of Mineralogy is pleased to announce the **42<sup>nd</sup> Annual Tucson Mineral Symposium**.

## *Pegmatites: Crystals Big & Beautiful*

*Saturday, February 10, 2024*

Details regarding the call for papers can be found online at [www.friendsofmineralogy.org/call-for-papers/](http://www.friendsofmineralogy.org/call-for-papers/). Interested speakers should submit the title of their proposed talk (up to 25 minutes in length) by to [friendsofmineralogy@gmail.com](mailto:friendsofmineralogy@gmail.com) or via the form on the above website by July 15, 2023. Abstracts with the speakers brief biography will be submitted at a later date.

Preferred subjects: pegmatite crystallization, mineralogy, miarolitic pocket formation, and pegmatite locality or province summaries.





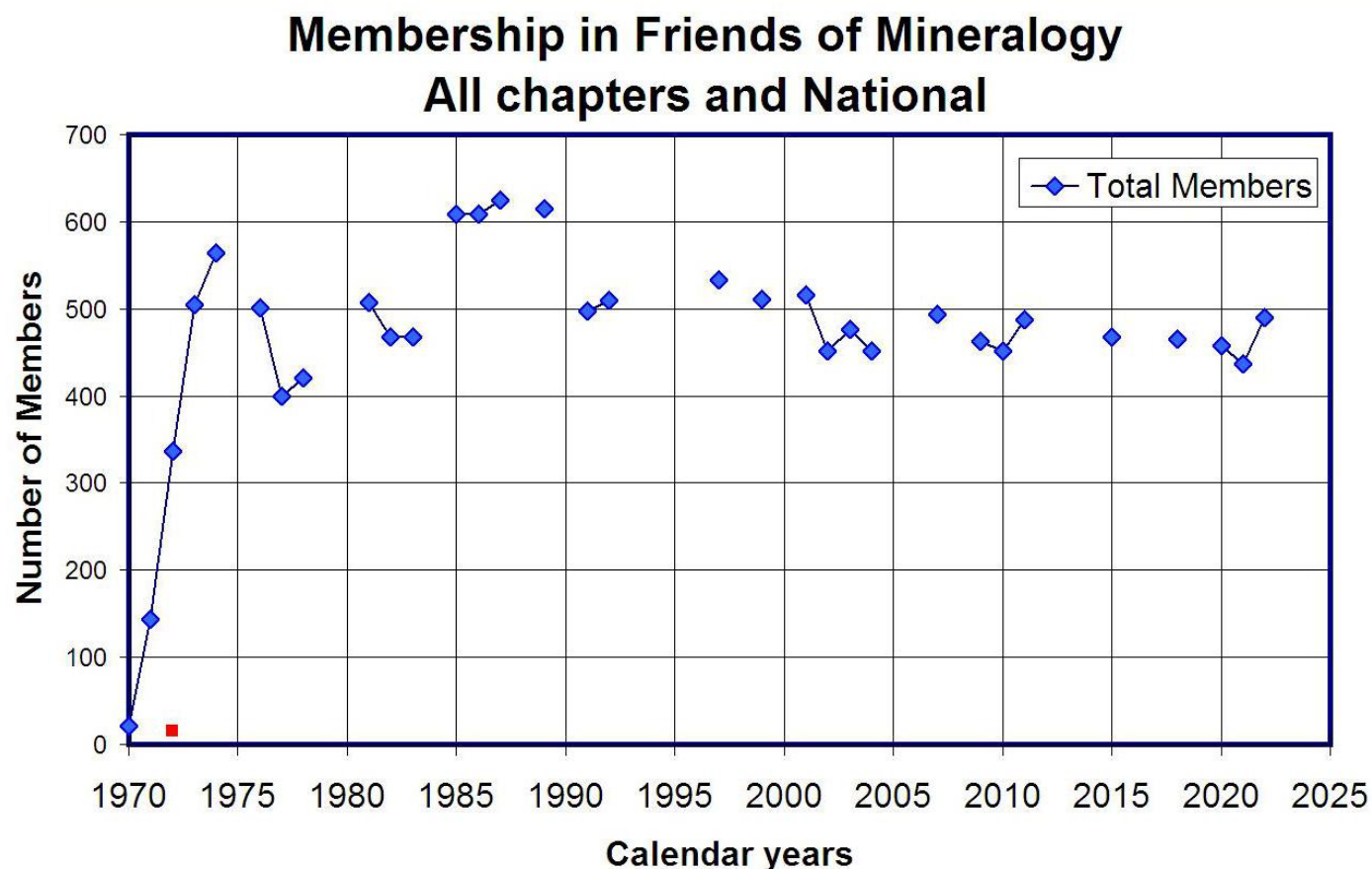
# FRIENDS OF MINERALOGY

## MEMBERSHIP STATISTICS

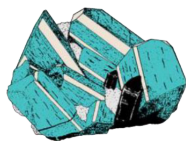
The Friends of Mineralogy total membership at the end of the 2022 was 490 with the breakdown as follows:

National Members	20	Pennsylvania Chapter	75
Midwest Chapter	81	Virginia Chapter	61
New Jersey Chapter	75	Southern California Chapter	50
Colorado Chapter	31	PNW Chapter	99
Mississippi Valley Chapter	18		

As a snapshot in time, our membership overall as stayed relatively stable even through covid.



# REGIONAL CHAPTER REPORTS



FRIENDS OF MINERALOGY  
COLORADO CHAPTER

Colorado Chapter

[friendsofmineralogycolorado.org](http://friendsofmineralogycolorado.org)

– No report for this issue –



Midwest Chapter

[fommidwest.org](http://fommidwest.org)

– No report for this issue –



Mississippi Valley Chapter

– No report for this issue –



New Jersey Chapter

[fomnj.wordpress.com](http://fomnj.wordpress.com)

– No report for this issue –



Southern California Chapter

– No report for this issue –

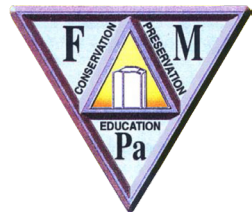




## Virginia Chapter

[friendsofmineralogyvirginia.org](http://friendsofmineralogyvirginia.org)

– No report for this issue –



## Pennsylvania Chapter

[rasloto.com/FM](http://rasloto.com/FM)

Well a lot has happened in the last few months and I'm pretty sure this is the first time I have contributed to the newsletter reports. FM-PA has been quite busy as have I. Only a few in FM outside of PA Chapter are aware I am also President (2022-2023) of the Eastern Federation of Mineralogical and Lapidary Societies, Inc. (EFMLS), one of six regional federations under the American Federation of Mineralogical Societies, Inc. EFMLS currently has over 7000 members in 85 clubs that have renewed their membership so far this year, from Maine to West Palm Beach, and we are growing. FM-PA by unanimous vote of the Board joined EFMLS last fall at the end of October and now enjoys the benefits of the outreach offered through EFMLS. I am active in both organizations and a member of several clubs in the mid-Atlantic region. I have owned my own consulting business for over 27 years (Stephens Environmental Consulting, Inc., aka SECI) and I am a licensed Professional Geologist (PG) in 7 states, and continue to advertise FM-National and FM-PA symposia as an inexpensive opportunity for PGs to get their continuing education credits required to maintain their licenses.

FM-PA had its Symposium last November at the Brightside Opportunities Center in south Lancaster City, PA. It was the best attended symposium on record (45 in person, several on zoom) and I signed at least 7 certificates for Professional Geologist Continuing Education credits (CEUs or PDHs). Our field trip to the National Limestone Quarry at Mount Pleasant Mills (NLQ-MPM or just MPM, see my article on the EFMLS website) was a huge success and at one point we had 5 PGs digging abreast on the Wavellite outcrop. Everyone who dug got at least a \$100 value specimen and those who poked around in the main quarry got some nice calcite, strontianite and an occasional Celestite. Of the 20 who attended, everyone had a safe and productive rockhounding adventure. See our 2022 Annual Report for more information on FM-PA's 2022 activities and accomplishments last year.

Steve Lindberg, one of our guest speakers and a professor at the University of Pittsburgh, Johnstown Campus (UPJ) generously offered UPJ to host us for the 2023 Calendar Year. Last month I visited the campus and spoke with Steve and the events planner, discussed the matter with our Board and started drawing up a layout for the dealer area. The Board subsequently voted unanimously to approve the new venue, and we have released our initial advertising flyer (see insert below) on both the website and our new Facebook Page. This new venue is a monumental paradigm shift for us, as none of our members recall ever having symposium outside the Greater Philadelphia-Lancaster City area and we have had symposia every year for more than 50 years.

Most of us will have to do overnight stays and we expect some members will not travel to Johnstown, but we also expect to have attendees and new members we have never had before. The venue, Heritage Hall in the Living and Learning Center and the adjoining alumni meeting area, is several times larger than the largest venue we have had in at least the last 20 years, and the most convenient for access and logistics. The cantina will be open for us and our attendees. We expect to invite 7-10 mineral dealers for the one-day mineral sales event, fill the large display case with member-collected PA Minerals, offer mineral identification and invite all the regional societies, the Geological Survey and industry organizations. We have a lot of planning to do for what will be the largest and most diverse event we have ever held.

(continued on next page)

That planning includes the field trip to the New Paris Quarry, which has become a field study site for UPJ. This limestone quarry, now inactive, has the Silurian-Devonian boundary exposed, abundant fossils and two bentonite layers. Some of the largest fluorite specimens found in PA came from that quarry though the main vein is currently covered. It was one of the field trip stops of the 2002 Field Conference of Pennsylvania Geologists (FCPG), and the geology is detailed in the field trip guidebook/road log for that conference.

Steve leads trips to the quarry on a regular basis. I flew the site with my drone and with survey quality aerial targets, made a high resolution aerial orthoimage and topographic map of the quarry last year. I also took a number of measurements on bedrock surfaces including reflectorless total station measurements on joint and fracture planes inaccessible for Brunton compass readings and then processed those measurements to obtain spatially accurate strike and dip measurements using a spreadsheet modified from one published by SUNY. That research will be presented at the symposium along with the pre-trip safety talk. Speakers and details will be released as planning continues, so stay tuned. If you are live nearby you should plan to attend this one.



**Symposium** for mineral collecting enthusiasts

**Friday evening Nov. 10:** Meet & Greet - bring your mineral specimens to talk about.

**Saturday Nov. 11:** Hybrid Symposium - **ONLINE** or **IN PERSON**

8:30 a.m. to 5:00 p.m. at University of Pittsburgh - Johnstown

Talks by knowledgeable **SPEAKERS** on **Pennsylvania Mineralogy and Geology**

Expanded Sales by Select Dealers - Silent Auction - Give-away Table - Conversation

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

**Sunday Nov. 12:** **Field Trip** to New Paris Quarry. Open only to symposium registrants.

Watch for details, **registration form**, changes and updates on our **web site**:

**[www.rasloto.com/FM](http://www.rasloto.com/FM)** or **Friends of Mineralogy Pennsylvania** on Facebook

For newsletters and field trips during the year, please join our chapter!

**See "Join FM" on the web site**



Pacific Northwest Chapter

[pnwfm.org](http://pnwfm.org)

After a slower few years, Pacific Northwest Chapter has great plans in the works for 2023 starting with our partnership with Seattle Mineral Market (SMM) in May. We have plans for auctions, displays, a kid's corner, and snack bar, and more. This will be our first outreach event since before Covid, so we are excited to get back in action. We are also getting a healthy early

start on planning for our 2023 symposium in October, on the topic of rare earth minerals. Some of the speakers are already lined up; more information on the symposium will be forthcoming later this spring. Other efforts in the works for 2023 include least one group field trip and the beginning of a new project to coincide with our 50th anniversary in 2024—production of a short history of the chapter to include recollections of PNWFM chapter events, stories, and of course the people that made it possible. If you're one of the folks with these long memories who would like to help with this effort, please reach out to us at [pnwfm.outreach@gmail.com](mailto:pnwfm.outreach@gmail.com).



## OUR AFFILIATES

### MINERAL NEWS

THE MINERAL COLLECTOR'S NEWSLETTER

Excilibur Mineral Corporation  
Publishers of the Monthly Periodical Mineral News  
1885 Seminole Trail, Suite 202, Charlottesville, VA 22901-1160  
phone: (434) 964-0875 • fax: (434) 964-1549 • website: [mineralnews.com](http://mineralnews.com) • email: [news@exciliburmineral.com](mailto:news@exciliburmineral.com)



Mineralogical Record  
Tucson, Arizona  
[mineralogicalrecord.com](http://mineralogicalrecord.com)



### ROCKS & MINERALS

Rocks & Minerals  
Editor-in-Chief: Marie Huizing  
5341 Thrasher Drive, Cincinnati, OH 45247  
Phone: (513) 574-7142  
[rocksandminerals@fuse.net](mailto:rocksandminerals@fuse.net)



MINERALOGICAL  
ASSOCIATION OF CANADA  
ASSOCIATION  
MINÉRALOGIQUE DU CANADA

Mineralogical Association of Canada  
[mineralogicalassociation.ca](http://mineralogicalassociation.ca)

– No report for this issue –



mindat.org

mindat.org  
[mindat.org](http://mindat.org)

– No report for this issue –



### The Mineralogical Society of America Resources and Coming Attractions

[minsocam.org](https://minsocam.org)

The Mineralogical Society of America (MSA) was founded in 1919 to advance mineralogy, crystallography, geochemistry, and petrology, and to promote their uses in other sciences, industry, and the arts. MSA encourages fundamental research about natural materials; supports the teaching of mineralogical concepts and procedures; and raises the scientific literacy of society on issues involving mineralogy in the widest sense. MSA encourages the preservation of mineral collections, displays, mineral localities, type minerals, and scientific data. MSA publishes the journal *American Mineralogist*, *Elements* magazine, the book series *Reviews in Mineralogy & Geochemistry*, textbooks, and monographs.

Anyone with an interest in mineralogy/petrology is eligible to join MSA. Information about membership is on the MSA home page: [minsocam.org](https://minsocam.org)



### Young Mineral Collectors

[youngmineralcollectors.org](https://youngmineralcollectors.org)

The Young Mineral Collectors group is an online, global mineral collecting community, in which over 1700 members from 50+ countries have come together to celebrate mineralogy, share knowledge, and create a positive environment for the newest generations of collectors. We welcome all collectors under 40 years of age.

The Friends of Mineralogy National Newsletter is issued quarterly, near the change in the four seasons – March, June, September and December. The Midwest Chapter distributes the Friends of Mineralogy National newsletter via an email notice from Google Groups that the newsletter is available. It is up to each member to download their own copy. The Pennsylvania Chapter sends the National newsletter out as an internet link. The Virginia Chapter sends the National newsletter out both as an internet link and attachment to the email. The New Jersey Chapter forwards the actual National newsletter via email. The Colorado Chapter has the National organization deliver the newsletter directly to its members. The Mississippi Valley Chapter has National organization send the newsletter directly to its members. The Pacific Northwest Chapter forwards the actual National newsletter via email. The Southern California Chapter President receives the National newsletter and emails the pdf copy directly to the chapter members. National only members receive their National newsletter as an attachment to their email. All Chapter presidents, at-large board members, and affiliated societies also receive the National newsletter directly by email. The National newsletter is also available directly from the National Friends of Mineralogy Website at: <https://www.friendsofmineralogy.org/newsletters-2/2020-present-day-newsletters/>