



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

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PRESIDENT'S MESSAGE

by Bill Stephens



As I sit at my desk in the “War Room” of my basement office, I can’t help but reflect on today and this coming 4th quarter of 2024. A period of milestones and transitions in my life and my service to the mineralogical community. Today marks 29 years in business since I started Stephens Environmental Consulting, Inc. (SECI), a civil design, surveying and environmental consulting company I founded on this day in 1995. As I look back on a rather storied history, I feel a little melancholy, proud, hopeful and satisfied all at the same time. We certainly had some glory days and some near death experiences, corporately and financially speaking, much of which were tied directly or indirectly to the economy.

But we survived and thrive. As an entrepreneur and owner of SECI, I have been fortunate to have been involved with some of the largest development projects on the Delmarva Peninsula, investigated and remediated many leaking tank and some hazardous substance sites, contributed litigation support and expert testimony in notable court cases, employed and trained many successful young professionals, some of whom are now partners in medium sized consulting firms, and continually reinvented and refocused my company’s directions to adapt to changing economic conditions. In just the last few years, I have performed projects at many Federal military installations around the country which required me to get licensed in those states and have just this year begun to work on my first residential subdivision project as prime consultant since the housing collapse of 2007-2008.

So why do I say all this and how does it relate to our organizations? I believe we bring to our leadership roles in non-profits to which we contribute those skills we have acquired in our life experiences. Other than collecting rock and minerals, or fishing, the majority of my life experience since college has been running SECI and doing the job, getting the jobs done, managing the time it takes to do them, learning new skills, navigating the regulatory paradigm and working with people, clients and regulators and the public stakeholders alike.

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friendsofmineralogy.org



CALENDAR OF EVENTS:

friendsofmineralogy.org/calendar-of-events



FACEBOOK:

Official page: [@FriendsofMineralogy](https://www.facebook.com/FriendsofMineralogy)

Public group: [Friends of Mineralogy community](https://www.facebook.com/groups/friendsofmineralogy/)



INSTAGRAM:

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



(President's Message, continued from page 1)

Things peaked for us in 2006, but that was short lived “sugar high”, financially speaking. After the housing crash of 2007-2008, by 2010 things were pretty bad for me and my business and with young ones at home in school and almost no work out there for design professionals, I had no staff left and had lost many of the software and equipment skills I needed to run SECI and feed my family. I needed to find a niche, and I worked relentlessly on rebuilding. I sold the boat and began, timidly I might add, to reinsert myself into the rockhounding community by joining the Delaware Mineralogical Society (DMS).

Within a few years I was on the board of DMS, was voted in a VP of Programs and began running the programs. It took a couple years, but I successfully negotiated our way back into the Delaware Museum of Natural History for our meeting venue and promoted a strong mutually symbiotic relationship with the DMNH that survives to this day. Some speakers drew attendance over 60, which was more than twice the attendance ever recorded at the previous venue.

One of the things I noticed while VP of Programs was that most of the field trip attendees, and DMS ran never less than 11 field trips per year, had little or no idea what they were doing, where to look for minerals reported at the location, what they looked like or even the likelihood of finding anything at all. People, and sometimes myself included, typically wandered around aimlessly scanning the ground and hoping for a random ground score or selecting random rocks to pound on. Field trip leaders, though they may have been serious and knowledgeable collectors, provided little spatial and geological information about the localities in advance of the field trip, which certainly contributed to frustration amongst attendees. It occurred to me that with all the resources I had at SECI, perhaps I should start developing presentations that filled the gap of spatial and geological information for our more commonly visited field trip locations. The idea being to give a largely lay audience enough geospatial and geological information, mainly in the form of maps with imagery, photographs, charts and such, “enough information to improve their potential for successful collecting”.

Turns out that has been a very successful benefit to the many clubs in the EFMLS and has been my contribution to the 2022 and 2023 National Symposia, as well as Symposia at FMPA for the last 7 or so years. Ten of my power point presentations are on the Geology365 Presenters database and include actual machine digs at the Hogg Mine and Diamond Hill as well as a presentation on Mohawk Valley Mineral Mining's major finds of 2022-2023, including Lee Levesque's as yet unchallenged as largest ever monster skeletal “Herkimer diamonds”. Darryl Powell and I co-wrote and published a short well illustrated 40-page book on Lee's finds entitled “Hercules, Medusa & the Baby”, which includes color maps showing the location of the major pockets from my field survey and drone base mapping. The presentation was given first at the EFMLS Convention at Syracuse and later the 2023 National Symposium and has been requested by many clubs interested in mining Herkimers. Organizations interested in attending any of the sites for which I have a prepared Presentation can contact me directly or through the presenter's database on Geolgy365.

While at the DMS in 2019, I was invited to join the EFMLS as Region IV Regional VP, and I attended the conference that year. You all know the story, so I won't get into it again, but as my second and final term as EFMLS President comes to an end October 31, 2024, I feel a sense of great satisfaction, having led the EFMLS out of near collapse and dissolution to a thriving, growing and technically sophisticated service organization with more than 86 member organizations including FMPA & FMNJ, totaling more than 10,000 members including more than 1,000 juniors. We actually got an award from the American Federation, our parent organization, for most growth of the 7 Regional Feds this year. My job is done, and it will be up to our incoming EFMLS President, Andrew “Rockhound” or “Dirtman” Eppig and his administration to continue to lead the EFMLS into the future. I will continue on as re-elected Region IV RVP, and as webmaster adminis-



(President's Message, continued from page 3)

trator, and of course as immediate Past President, but my contributions and time commitment will be greatly curtailed.



Image 1. Aerial view of the National Limestone Quarry Wavellite Dig Site.
Bill Stephens photo



Image 2. Aerial view of the National Limestone Quarry Wavellite Dig Site.
Bill Stephens photo

As I mentioned in last quarter's Newsletter, next year's symposium theme is on "green minerals". The wavellite dig and post-dig field trip were specifically tailored to develop both specimens and information for my planned presentations at our symposia at FMPA and FM National as a green mineral. Interestingly we mined out the large yellow wavellite zone from which Ryan Klockner recovered his 1" ball specimen during our 2022 Machine dig. Contact me any time if interested in specimens or after the Tucson Symposium for a presentation for your club. I highly recommend you attend or chime in remotely to both symposia for not only my talk, but other fantastic presentations by far more qualified mineralogists than I.

This year's FMPA symposium will be held at Pitt Johnstown campus (UPJ) the weekend of November 9 and 10, 2024, and I will deliver a presentation on, and will lead our symposium field trip to the Wavellite occurrence at the National Limestone Quarry at Mount Pleasant Mills, Snyder County, PA. Wavellite is on the list of green minerals for the FM National 2025 Symposium. I anticipate each symposium will be well attended, and each will likely be worth 6 CEUs for Professional Geologists. I am working on New York State and hope to have that state as other states we have, list us as preapproved continuing education providers before either symposium.

If you are interested in contributing an article to the newsletter, or in giving a presentation at the FM National or FMPA symposia, you can contact me directly, our Newsletter Editor Sean Stimac (articles only) or Mark Jacobson for the National Symposium for 2025. Similarly, for EFMLS contact myself, or EFMLS Newsletter Editor Dan Imel.

Before I continue with happenings and fun things, here's a recap of administrative things at FM-National we are working to address, fix or improve:

1. Sean (our new newsletter editor Sean Stimac) will work with me to make sure everyone gets the newsletter in the future. I think we have a comprehensive list now, but if you are still not receiving it via email, always check the website for the newsletter, downloadable there and feel free to reach out to myself or Sean if you aren't receiving it.

2. Bruce has been working to fix some issues with our organization's non-profit status that apparently dates back many years. He has graciously carried on the responsibility for fixing these issues even though he is no longer the current Treasurer, and we thank him profusely for his efforts. As of this writing, we are



(President's Message, continued from page 1)

just awaiting official notice from the State of California as all filings have been accepted as complete and approved. Not sure if we have a physical certification yet.

3. We are continuing to use the old logo until such time as interest in developing a new one results in a product we can use without restriction. Just FYI.

4. Look for major show events listed elsewhere in the newsletter.

5. New Board member Andrew "Rockhound" Eppig was voted to be the incoming President of EFMLS. Congrats (or Condolences) to Andrew. Check out his Dirtman Reports on YouTube! They are a hoot and informative and professionally prepared by Andrew a.k.a. "Dirtman".

6. Andrew and I took over the social media pages (there are 3) after the elections and his appointment. We are reviewing the main public facing page procedures as the lack of postings on this page is directly related to the level of effort required to comply with the original concept of this page. We both believe there is a better way to get information out to the public and reduce the effort required to produce such posts. Personally, I think directing folks to articles in our newsletter or our affiliate rags (Mineralogical Record, Rocks and Minerals, etc.), Mindat, other sources rather than trying to craft a stand-alone statement might just do the trick. It was clearly too much work for our board members who conceived it, and with reels and the like being the most effective way to draw attention to our (any) organization(s), we need to rethink and streamline the process. The other pages, particularly the internal chat oriented page, may be superfluous as they are largely unutilized. It is our opinion, coming from experience, that the primary purpose for social media accounts is to draw attention to our organization and attract new members, not compete with the newsletter.

7. At the FM National meeting this past February, Andrew and I agreed to take on the job of updating the operating regulations, which were under review in 2021. Not much has happened yet as we have both been extremely busy, but operating rules had been largely developed for FMPA regarding social media at that time, and we still anticipate having a full set of edits to the operating regulations in place for review by December.

8. Our VP Nicole Childs has taken a new job, and I/we congratulate her (as soon as we get her new email) Congratulations to Nicole!

As side notes, I will be working with a confidential client/mine owner in the Herkimer District beginning this fall on a development plan for the property. I am also looking to organize the first field trip led by FM-National and the YMC for next Spring to this site. Look for details in the next newsletter. If any of our Chapters would like to host a field trip feel free to contact me directly.

A new or newly re-identified location for spectacular green glassy-faced Diopside crystals has produced some outstanding finds. Look for displays of this new production as well as my Wavellite and probably Lee Levesque's monster Herkimer's at the Tucson Gem and Mineral Show next February. Tommy Greene, Lee and I will be in attendance at our displays except I will be at the Symposium all day Saturday.

Till then, stay safe, stay tuned and happy hunting!

Sincerely,

Bill Stephens, PG, President

FM-PA, FM National & EFMLS



Closure of Ruck’s Pit Announced

by Sean Stimac



Image 3. Screenshot of Frank Killino, the owner of Ruck’s Pit announcing the closure on Facebook on July 27, 2024.

In the last of issue of this newsletter Ryan Klockner, President of the PA Chapter, brought us an in depth look at Ruck’s Pit, a site famous for it’s fossilized clams filled with dog-tooth calcite and fluorescent blue whelks. The article highlighted some of his fantastic finds, reminding us that the best field collecting may not be in the past.

Regrettably, it was announced shortly after publication of that newsletter that the site is being shut down to collectors. On July 27th of this year, the new owner of Ruck’s Pit, Frank Killino, announced that the site was being closed and sold for development. In an attempt to get as much good material collected as possible he stated that they would be using machines to turn over the site for collectors.

The initial message offered collectors one week to collect before the site would be closed. A hurricane extended the collection period by one week. As of this writing, Ruck’s Pit is now permanently closed to collectors. One more classic locale relegated to history.



NEWSLETTER EDITOR

Dear Reader,

We always encourage and welcome articles and submissions for this quarterly newsletter. Submissions can be on any topic relevant to or in advancement of our mission to “promote, support, protect, and expand the collecting of mineral specimens, while furthering the recognition of the scientific, economic, and aesthetic value of minerals and mineral collecting.”

This issue is light in content, highlighting symposiums that this organization and it’s chapters are engaged in. Also, please see the PNW Chapter’s update if you’re interested in obtaining a copy of a publication they produced that showcases their 50 year history.

This is truly an incredible organization that is deeply involved in so many aspects of rocks and minerals from field collecting amateurs to professional researchers. I would like to place more emphasis on these contributions in the future and present them here for our membership. Your submissions would be greatly appreciated. You can submit content to me directly via email seanstimac@gmail.com

Best Regards,

Sean Stimac





The 43rd FM-TGMS-MSA Tucson Mineral Symposium

*Shades of Green: From Apatites to
Zeunerites – More Than Just Emeralds*

Saturday, February 15, 2025

Tucson Convention Center, Tucson, AZ

Call for papers

The 43rd FM-TGMS-MSA Tucson Mineral Symposium
“Shades of Green: From apatites to zeunerites – more than just emeralds.”

Saturday, February 15, 2025
Tucson Convention Center, Tucson, AZ
Symposium Speakers

The forty-third Mineral Symposium, held in conjunction with the Tucson Gem and Mineral Show®, will take place on Saturday, February 15, 2025. 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 the same as the show theme: “Shades of Green: From apatites to zeunerites – more than just emeralds.” An audience of amateur and professional mineralogists and geologists is expected. The presentation schedule and abstracts will be available on the FM website by December 15, 2024.

The Speakers and Their Topics:

- Nicole Ahline, Nathan Renfro, and Aaron Palke – Gemological Characterization of Emeralds and Hiddenite from Alexander County, NC
- Jim Clanin – Emeralds from Panjshir Valley, Afghanistan
- William “Bill” Stephens – Geology and Mineralogy of the Wavellite Occurrence at Mount Pleasant Mills, Snyder County, PA
- Benjamin Murphy – Cr-azy Green and Red Minerals: On the Occurrence and Genesis of Chlorite-Fuchsite-Ruby Rocks of the Granite Mountains, WY
- Nathan Renfro – Through the Lens: The Microworld of Green Minerals
- Markus Raschke – Mushistonite from Xuebaoding: from ‘Panda Ore’ to Indicator of the Be-W-Sn Ore-forming Processes, Sichuan, China
- Peter Megaw – Los Verdes...Green Minerals from Mexico
- Kenneth C. Zahn – My 45-Year Love Affair with Maryland’s State-Line Pit “Gem Serpentine” (Williamsite/Antigorite)

The Symposium will be a live streamed via Zoom (using a separate computer) by FM Members to remote viewers who have pre-registered on the FM Website. Only pre-registered viewers will receive the Zoom invite, which will be emailed to registrants prior to the symposium and annual meeting. The symposium will be recorded only to verify participants, particularly those who have registered as Professional Geologists seeking certificates of attendance for professional development credits. No individual recorded presentations will be released without presenter approval, and then only to attendees who pre-registered and experienced a bandwidth issue, got dropped or were otherwise unable to get on and stay on the live presentation. FM has a growing remote audience that includes Professional Geologists (PG) looking for Continuing Education Credits (CEU) and we intend to promote this extraordinary event to those unable to attend in person.



REGIONAL CHAPTER REPORTS



Pacific Northwest Chapter

pnwfm.org

PNWFM has had a very busy summer of planning for our upcoming 50th symposium on October 18-20, 2024, on the theme “Precious Metals and Golden Memories”. We have an exciting event planned to make our 50th year really something special. Saturday and Sunday talks will be a great mix of dynamic speakers including Terry Wallace and Nick Zentner, and round table discussions on the past and future of PNWFM and mineral collecting in the PNW. For the first time in decades we are holding our event in a new city: Ellensburg, Washington. Daytime talks will be conducted from Discovery Hall, Central Washington University. We’d love it if you can join us in-person, but if you’d like to join virtually, events will be streamed for free to the Mineral Nation YouTube channel. We are also planning fun evening livestreams and a Saturday noon live sale on the popular Covid Home Gem Show page on Facebook. Watch our website pnwfm.org and social media for more updates on these events!

Also ****Now Available!**** Golden Memories: 50 Years of PNWFM.

This magazine-format publication was prepared by PNWFM to help commemorate and celebrate the history of Friends of Mineralogy mineral symposia in the Pacific Northwest. Golden Memories contains approximately 100 pages of archive documents, memories and photographs for all 50 years of PNWFM symposia and club events, 1975-2024.

We will have a limited number of these magazines for sale at our October symposium, October 18-20, 2024- but if you can’t wait or can’t attend, you can order online now. Click [here](#) to preview the contents and order today.

PACIFIC NORTHWEST FRIENDS OF MINERALOGY 2024 SYMPOSIUM
PRECIOUS METALS AND GOLDEN MEMORIES

ELLENSBURG, WASHINGTON
CWU DISCOVERY HALL
ELLENSBURG RED LION
OCTOBER 18-20, 2024

50th Anniversary

At CWU Discovery Hall:
Saturday and Sunday Symposium Talks
World-Class Mineral Displays

SATURDAY, OCTOBER 19, 2024

9:00 am Welcome – Jessica Robertson and Julian Gray
9:10 am Gold – A Cosmic Journey – Terry Wallace
10:15 am The Motherlode Reawakens, New Gold Productions at the Eagle’s Nest Mine, California – Ian Merkel
11:20 am Mining Gold in Oregon – Clark Niewendorf
2:00 pm Liberty Gold and the Challis Magmas – Nick Zentner
3:05 pm Collectors’ Round Table – Historical Perspectives
6:00 pm BANQUET AND LIVE AUCTION (Red Lion Ellensburg)

SUNDAY, OCTOBER 20, 2024

9:00 am Silver: The Magical Mineral Maker – Terry Wallace
10:05 am Collectors Round Table – The Present and Future of Collecting in the PNW

At Ellensburg Red Lion:
Friday and Saturday Evening Vendors – FREE ADMISSION
Saturday Evening Banquet and Live Benefit Auction
Talks are Free for Full-Time Students with Registration
Can’t attend in person? Watch live stream on YouTube

Register now at pnwfm.org

Friends of Mineralogy Pacific Northwest Chapter

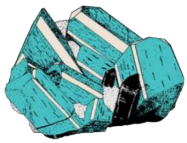
Golden Memories

50 Years of Symposia and Community
1975 to 2024

BART CANNON



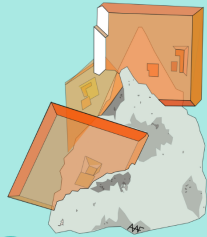
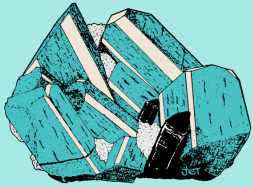
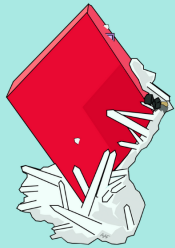
REGIONAL CHAPTER REPORTS



Colorado Chapter
friendsofmineralogycolorado.org

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COLORADO CHAPTER

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2025 SYMPOSIUM: SPECIMEN MINES OF THE UNITED STATES



Featuring a top notch speaker lineup, field trips, workshops, museum reception, mineral auction, & more!

SAVE THE DATES!

June 12th - 16th, 2025

at Colorado School of Mines in Golden, Colorado.



friendsofmineralogycolorado.org/symposium



REGIONAL CHAPTER REPORTS



Pennsylvania Chapter

SYMPOSIUM ON PENNSYLVANIA MINERALOGY AND GEOLOGY,

Theme: GREEN PENNSYLVANIA MINERALS

And SECOND ANNUAL MINERAL, GEM, AND FOSSIL SHOW

IN PERSON and ONLINE

Mineral Collecting Enthusiasts Meet and Learn

Symposium and Show November 9, 2024 Field Trip November 10

University of Pittsburgh – Johnstown, PA

Please Register in Advance

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

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

Ronald A. Sloto, PG: Beryls of Pennsylvania

Ross Elliott, PG: Pyromorphite in Pennsylvania

Bill Stephens, PG: Wavellite at Mt. Pleasant Mills, Pennsylvania

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

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

Dates: Friday, Saturday & Sunday, November 8-9-10, 2024

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

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

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

Registration: \$15/person for non-members (or join for 2025 and get the member rate),



REGIONAL CHAPTER REPORTS

\$10/person for current FM-PA members; free for college students; free for younger students.

Parents must provide supervision of minors.

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

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

Web Site: <https://www.rasloto.com/FM/whats-new>

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

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



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

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

SYMPOSIUM for mineral collecting enthusiasts Non-members \$ 15.00 Members \$10.00 Students free
Friday evening Nov. 8: Meet & Greet - bring your mineral specimens to talk about.

Saturday Nov. 9: Hybrid Symposium - **ONLINE** or **IN PERSON**

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

Talks by knowledgeable **SPEAKERS** concentrating on **Green Pennsylvania Minerals, including:**

Beryls of Pennsylvania - by Ronald A. Sloto, PG, West Chester University

Pyromorphite in Pennsylvania - by Ross Elliott, PG, Delaware DNREC

Wavellite at Mt. Pleasant Mills, Pennsylvania - by Bill Stephens, PG, Stephens Environmental

Silent Auction – Give-away Table – Meet Fellow Collectors

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

FIELD TRIP Sunday Nov. 10 Mt. Pleasant Mills Quarry. Open only to symposium registrants.

Visit our web site for details, registration form, changes and updates: **www.rasloto.com/FM**



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The Mineralogical Society of America Resources and Coming Attractions

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



Young Mineral Collectors

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/>