

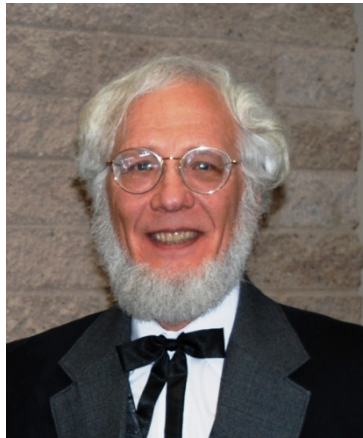


*To promote, support, protect and expand the collection of mineral specimens and to further the recognition of the scientific, economic and aesthetic value of minerals and collecting mineral specimens.*

# FM FRIENDS of MINERALOGY

## PRESIDENT'S MESSAGE

**By Mark Jacobson**



The Denver Gem and Mineral Show® at the Denver Convention Center and its associated but non-allied satellite shows ended recently. The various shows and displays were enjoyable and slightly more active and improved over last year. The

Denver show had 45 display cases whereas the area outside the Evolution and AGTA Sparkle & Joy shows had extensive exhibits on gold specimens and shipwreck gold specimens. Add to this an additional 6 displays within the Evolution show and the number of displays is a significant improvement over last year.

From a FM perspective, two displays received the FM National Educational awards, which will be described within the newsletter. In additional three new mineral books have been published, including one organized by the two –year old Friends of Mineralogy Virginia Chapter. Congratulations to the members and volunteer leadership team of FMVA for such a vigorous launch of a chapter.

National is also searching for a new newsletter editor-compiler. The nominating committee for directors at-large will soon be starting their search for candidates for the December-January 2023 board election. We will also need to find a new national secretary and treasurer. None of the executive board positions are meant to be lifetime positions. In February 2024, I will be stepping down as National President, so I too will need to be replaced then. Succession planning for positions has the potential to make an organization run smoother, something I am working towards.

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## NATIONAL OFFICERS

### PRESIDENT:

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

### VICE PRESIDENT:

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

### SECRETARY:

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

### TREASURER:

Bruce W. Bridenbecker • [bwbridenbecker@gmail.com](mailto:bwbridenbecker@gmail.com)

### WEBMASTER:

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

### PUBLICITY CHAIRPERSON:

Gail Spann • [bikingail@aol.com](mailto:bikingail@aol.com)

### NEWSLETTER EDITOR:

OPEN

## NATIONAL BOARD OF DIRECTORS

*Terms expire before the annual general meeting in February*

### TERMS EXPIRE IN 2023:

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

Jessica Robertson • [jrobertson@geoengineers.com](mailto:jrobertson@geoengineers.com)

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

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

### TERMS EXPIRE IN 2024:

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

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

Bruce W. Bridenbecker • [bwbridenbecker@gmail.com](mailto:bwbridenbecker@gmail.com)

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)

## CHAPTER REPRESENTATIVES

*Chapter representatives also have a board position*

### COLORADO CHAPTER:

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

David Shapiro • [Dshapiro33@gmail.com](mailto:Dshapiro33@gmail.com)

### PACIFIC NORTHWEST CHAPTER:

Toby Seim • [pnwgemcollectors@gmail.com](mailto:pnwgemcollectors@gmail.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.ORG:

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

Planning for the FM-MSA-TGMS silica symposium to be held Saturday at the Tucson Gem and Mineral show® is proceeding smoothly. We will have 8 speakers from 10 AM to 5 PM. More details and the full program will appear in the December-January newsletter as well as the program-abstract booklet being available online in December. I want to thank the volunteer speakers and the volunteers who are helping to plan and run the symposium. As before, we will have one remote speaker in Europe presenting to a live audience. This will be a fun event – we even have a well-known Denver collector, Dale Gann volunteering to be the MC for the symposium.

Other future events to look forward to are on the horizon. In October the Pacific Northwest chapter and a month later the Pennsylvania chapter will also be holding their own mineral symposia. The Pennsylvania chapter also has an accompanying field trip. On the same weekend in November, the New Mexico Mineral Symposium will be held at New Mexico Tech in Socorro, with a field trip, two days of presentations, a banquet and lots of informal mineral discussions at the motels, sometimes among the mineral dealers in the rooms.

With all these activities, I can state that the Chapters and National have been productively busy. Have an enjoyable fall.



## SYMPOSIUM & FIELD TRIP

### Friends of Mineralogy - PA Chapter November 12-13, 2022 Lancaster, PA

Attend ONLINE -OR- IN PERSON at Bright Side Opportunities Center, 515 Hershey Ave., Lancaster PA 17603

Symposium for mineral enthusiasts on **Saturday Nov. 12** Doors open 8:30 a.m.; Symposium 9:00 - 4:15  
 Sales by Select Dealers – Silent Auction – Give-away Table – Meet Fellow Collectors

Talks by knowledgeable speakers on **Pennsylvania Mineralogy and Geology**, and more:

William Kochanov, PG	Stephen R. Lindberg	Ronald A. Sloto, PG	Bill Stephens, PG	and...
Pa. Geol. Survey, Retired Reconnaissance of mineral collecting sites in Southeastern Pennsylvania	U. Pittsburgh at Johnstown Geology of the New Paris Limestone Quarry, Napier Township, Bedford County, Pennsylvania	West Chester Univ. Classic Mineral Localities of Bucks County, Pennsylvania	Stephens Environmental Report on Re-opening the Mount Pleasant Mills, Snyder County, Pennsylvania, Wavellite Occurrence	One more great talk to be announced

Registration form on website. Register online or by mail (or on-site, cash/check only).  
 Current members \$ 15.00/person    Non-members \$ 25.00    College Students free  
 Professional Geologists: Five Professional Development Hour credits available for full lecture attendance

**Field Trip on Sunday Nov. 13** Mount Pleasant Mills, PA. Open only to symposium registrants. Register now!  
 Visit our web site for details, registration form, changes and updates: [www.rasloto.com/FM](http://www.rasloto.com/FM)

Kay Robertson Educational Display Awards  
 at the Denver Gem and Mineral Show,  
 Denver, Colorado  
 September 8-11, 2022

The Kay Robertson display awards are presented to an institution and an individual or group of individuals who exhibited a visually appealing case with an educational theme. These awards are done both at the Denver Gem and Mineral Show® and the Tucson Gem and Mineral Show®. The decision was made by several judges, working completely independently, using principles based on rules first written in 1970 and elaborated on an unpublished article prepared by Si and Ann Frazer and Albert and Sue Liebetrau. These rules were updated in 2020 by a FM board committee. Coordination and compiling the decisions of the judges is traditionally delegated to the Friends of



Mineralogy Vice-President, who this year is Erin Delventhal. The award is named after long time FM member, Kay Robertson, who had frequently advocated for more mineral oriented educational displays at gem and mineral shows. *The Kay Robertson display award to an institution was made to the American Museum of Natural History, New York City for the theme **Colorado Pseudomorphs**. The case was organized by Jamie Newman, Senior Museum Specialist III, Minerals and Gems (collections manager). The display highlighted some of the most common pseudomorphs in Colorado.*



Figure 1. Display of Colorado pseudomorphs from the American Museum of Natural History, assembled by Jamie Newman, collections manager. Robert Johnson photograph.



Figure 2. Hematite/geothite/limonite after siderite (?), [Bear Creek – Cameron's Cone trend], El Paso County, CO. One of the specimens on display. American Museum of Natural History, Robert Johnson photo.

The Kay Robertson display award to an individual or group of individuals was made to the Colorado Meteorite Society ("Comets" as an acronym) for the **Collecting asteroids by collecting Colorado** [Colorado meteorites] display. The case was organized by Gary Curtiss with specimens loaned for display by Gary Curtiss, Anne Black, and Matt Morgan.



Figure 3. Collecting asteroids by collecting Colorado [Colorado meteorites] display, organized by the Colorado Meteorite Society, Robert Johnson photo.



Figure 4. The slice of the Bear Creek meteorite, discovered in 1866, Robert Johnson photo.



# SYMPOSIUM REGISTRATION IS OPEN

## Symposium News and Auction Updates

By Karen Hinderman

As many of you have noticed, we are "behind the ball" so to speak in getting information out about our upcoming symposium. Please forgive us and be patient with us. Dealing with a hotel, speakers, expensive flights, and any service in this late stage-Covid time period has been difficult.

You can now call the hotel and reserve a room. **When you call, tell them you need the associate code discount for the Friends of Mineralogy event.** Unfortunately, the Red Lion is no longer serving food or beverages. This creates a situation for us where we will need to bring in a caterer for dinner. We are still working out the details for this. Please feel free to bring your own drinks to dinner this year. Also, plan ahead to have meals off site, or bring plenty of food along with you to have in your hotel room.

As for the annual silent and live auctions, please bring your donations! And, of course, bring plenty of money to purchase the auction items. We really need to have a successful auction to help pay for some of the extra expenses.

Reminder to let Bruce Kelley (bruce.kelley@gmail.com) know if you are willing to put in a display case, and let Brittany Burkhardt (mineralsandfossils@gmail.com) know if you are going to be a satellite dealer. I will be going to the hotel one week prior to the symposium to make sure that all satellite dealers are assigned rooms in the correct hallway. Please make sure you have your reservation made by then.

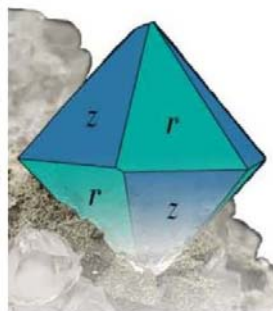
PACIFIC NORTHWEST FRIENDS OF  
MINERALOGY  
2022 SYMPOSIUM

**CRYSTAL HABITS:  
THE GOOD & THE BAD**  
OCTOBER 14-16, 2022

Featuring symposium  
talks by Rick Kennedy,  
Erin Delventhal,  
Frank Ruehlicke and More!  
Floor and Room Dealers  
World Class Mineral  
Displays  
Live and Silent Auctions

**LIVE IN KELSO, WASHINGTON  
AND ONLINE**

**Register at [PNWFM.ORG](https://PNWFM.ORG)**



# The 42<sup>nd</sup> NEW MEXICO MINERAL SYMPOSIUM

November 11-13, 2022

The New Mexico Institute of Mining and Technology, Socorro, New Mexico

## SCHEDULE OF EVENTS

### Friday

5:00 to  
7:00 pm  
7:00

### November 11, 2022

Friends of the Museum Reception—Headen Center  
(Bureau of Geology) atrium. Appetizers and Cash Bar  
Informal motel tailgating and social hour, individual rooms,  
Comfort Inn & Suites (# 1 on map) and other venues—FREE

### Saturday

8:00 am  
8:00 am to  
3:30 pm  
8:50 am  
9:00  
9:30  
10:00  
11:00  
11:30

### November 12, 2022

Registration, Macey Center; continental breakfast  
Silent auction to benefit the New Mexico Mineral Symposium

*Opening remarks, main auditorium*

*Crystal faces and forms—John Rakovan*

*The many faces of New Mexico fluorite—Herwig Pelckmans*

**Coffee and Burrito break**

*A copper bowl with a silver lining—Tom Rosemeyer*

*120 years of the A.E. Seaman Mineral Museum of  
Michigan Tech—John Jaszczak*

12:00 pm

**Lunch**

1:30

*Colorado mining scams, frauds, and poor business  
practices—Ed Raines*

2:00

*A tour of the outstanding crystallized minerals of the Colorado mineral  
belt—Phil Persson*

2:30

*Crystal Peak: Lesser-known mineral finds—Mark Jacobson, Brad  
Meese, Thomas Cheatham, Joseph Dorris, and Markus Raschke*

3:00

**Coffee break**

3:30

*Wieliczka salt mine, Kraków, Poland—David Stoudt*

4:00

*Criminal Minerals: Investigating minerals that break the Laws (of  
classical crystallography)—John Jaszczak (Featured Speaker)*

5:30

*Sarsaparilla and suds: cocktail hour, cash bar—Fidel Center Ballrooms*

6:30

*Dinner followed by a voice auction to benefit the New Mexico Mineral  
Symposium—Fidel Center Ballrooms*

### Sunday

8:00 am  
8:50  
9:00  
9:30

### November 13, 2022

Morning social, coffee, and donuts

*Welcome to the second day of the symposium and follow-up remarks*

*New Mexico minerals/mines along old Route 66—Anna Domitrovic*

*A shining past—a glowing future—The Steeple Rock mining district,  
Grant County, New Mexico—Patrick Rowe*

**Coffee break**

10:00

*New Mexico copper, cuprite, and delafossite—Ramon DeMark,  
Michael Michayluk, and Tom Katonak*

10:30

*New Mexico Originals: Type specimens from the Land of  
Enchantment—Nathalie and Paul Brandes*

11:00

*Occurrences of orbicular granite in New Mexico—Tom Katonak,  
Dave Wells, and Joan Karrie*

11:30

**Lunch**

12:00 pm

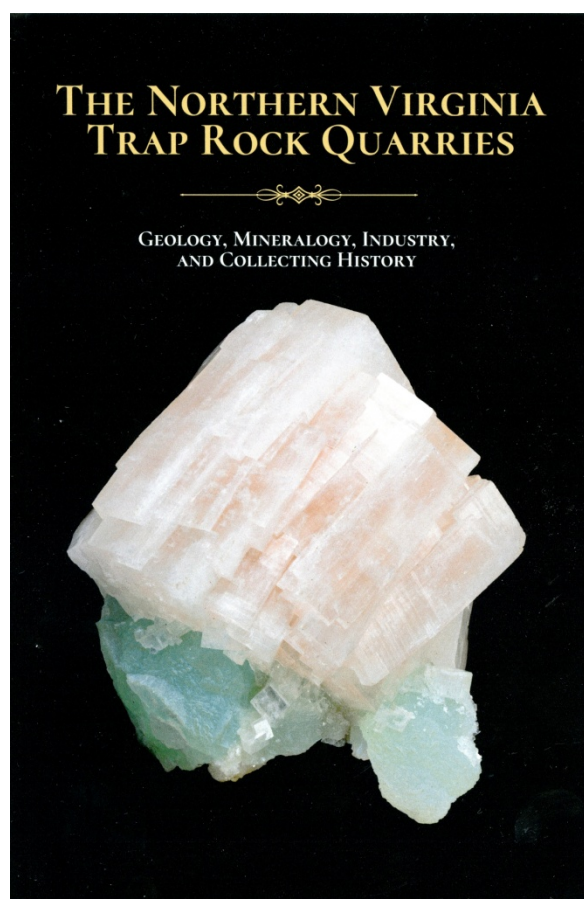
9:00 am to  
1:00 pm

Silent auction, lower lobby, Macey Center, sponsored by the  
Albuquerque Gem and Mineral Club for the benefit of the  
Mineral Museum (FREE)



“The Corsage” Gold, Red Ledge  
Mine, Nevada County, California.  
Wayne and Dona Leicht Collection.  
Exhibited at the 2022 Hard Rock  
Summit Mineral Show, Denver  
Convention Center. Mark Jacobson  
photo.

## Three New Mineral-Geology Books:



### **The Northern Virginia Trap Rock Quarries: Geology, Mineralogy, Industry, and Collecting History.**

By the Friends of Mineralogy Virginia Chapter. The publication team includes Thomas Hale, Darryl Powell, Tom Girton, August Dietz, Alex Venzke, Brandy Moore, and J. Alex. Speer.

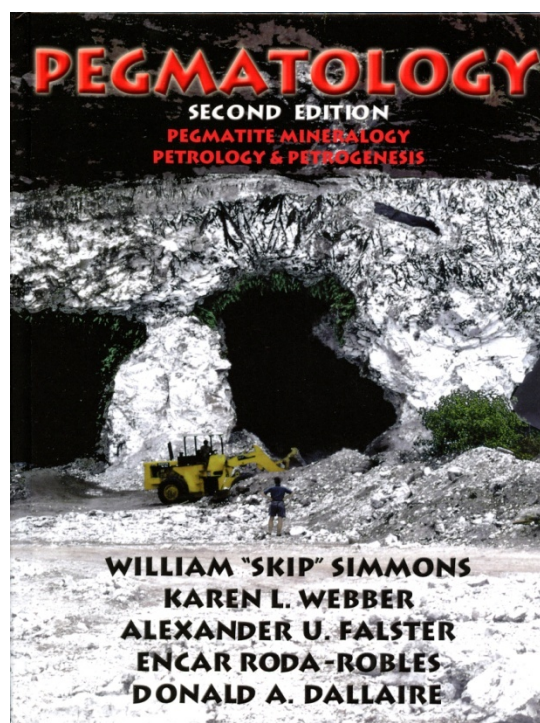
This publication was sponsored by the Virginia Transportation Construction Alliance (VTCA). ISBN: 979-8-88722-328-5  
Published by Diamond Dan Publications (Darryl Powell), Rochester, NY.  
Paperback, 144 p., perfect binding, full color photos, 6 x 9 inches.

This full color book lavishly illustrates the minerals that have come from these trap rock quarries and is ideal for Virginia collectors. The book discusses safety precautions and the need for protective equipment for collecting in open pit trap rock quarries, an overview of Virginia's geology

as it relates to the Triassic Culpeper rift basin where traprock is mined for construction (roads, railroads, airports, and buildings), a summary of the Virginia aggregate industry – rules, methods and benefits, the mineralogy of these quarries, a brief history of the operating, suspended and abandoned quarries in the Culpeper basin, and a few personal collecting histories. The mineralogy section contains extensive color photographs of minerals found in the quarries.

\$35 (US) plus shipping, <https://friendsofmineralogyvirginia.org/fmva-publication-series/>  
.Order by request from "Contact Us" on website  
<https://friendsofmineralogyvirginia.org/contact/>





## **Pegmatology: Pegmatite Mineralogy, Petrology & Petrogenesis.**

By William B. Simmons, Karen L. Webber, Alexander U. Falster, Encarnacion Roda-Robles, and Donald A. Dallaire.

Hardcover, perfect binding, 8.5 x 11 inches, second edition, September 2022, ISBN: 978-D-9740613-5-1, Publisher: Rubellite Press, Cana, VA. \$80.00 (US), plus shipping.

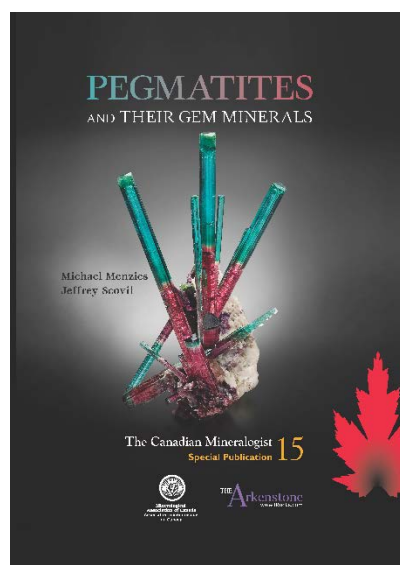
Website for ordering

<http://rubellitepress.com/bklist.html>

This book has been revised and updated to 281 pages, 521 figures, and full color photographs, with newly revised sections on phosphates, New Hampshire minerals, and the formation of pegmatites by anatexis of metamorphic rocks in Oxford Co., Maine.

This book, first published in 2003 in a spiral binding, was created for use as a textbook for the annual Maine Pegmatite Workshop. Originally the workshop lasted one week with classroom lectures and field trips to well-known local pegmatites for onsite lectures and collecting. Currently the workshop has been compressed to only 4 days with field trips and lectures every day. The goal is to deliver sufficient knowledge about pegmatite formation and mineralogy to assist pegmatite miners in their work.

From the Maine Pegmatite Workshop website (<http://www.maine-pegmatite-workshop.com/introduction.html>): ... *Our objective is to present a comprehensive, hands-on, educational Workshop on Pegmatites. The current information and theories about pegmatite paragenesis, mineralogy and petrology will be presented, guiding our registrants from the basics, through to the current theories and research. ... The Workshop course book, "Pegmatology: Pegmatite Mineralogy, Petrology and Paragenesis." is full of information not easily found anywhere else, ... which has been gathered specifically for the school.*



## **Pegmatites and their Gem Minerals**

By Michael Menzies and Jeffrey Scovil

Pegmatite enthusiasts will be happy to know that a new book, "Pegmatites and their Gem Minerals", has been published by the Mineralogical Association of Canada (MAC) as special publication 15 at a price of US\$ 125 for USA citizens who are non-members of MAC.

Purchase can be done online the MAC website: <https://www.mineralogicalassociation.ca/devOnline/index.php>

Michael Menzies and Jeffrey Scovil have teamed up to provide a systematic coverage of the topic of miarolitic gem pegmatites – both lithium-bearing and anorogenic NYF miarolitic pegmatites. The volume provides a comprehensive description of the geology, worldwide occurrence and formation of gemstone-bearing pegmatites and their gem minerals. It features 40+ worldwide localities, and 40+ gem minerals and other important pegmatite species. The 616 pages at 8.5 x 12 inches, hardcover are lavishly illustrated with more than 600 maps, diagrams, locality photos and photos of mineral specimens and gems.

This publication builds on the fundamental concepts of pegmatite formation provided in Special Publication 10, Pegmatites, by David London (2008). The two volumes are complementary. Pegmatites in the new book are described at an intermediate knowledge level with a greater emphasis on mineralogy. Locality descriptions make up more than half of the new volume.

The localities chosen are well known for their miarolitic pegmatites, from which gemstones have been recovered. There is thus a bias in this volume in favor of Paleozoic, Mesozoic and Cenozoic pegmatites that crystallized in the upper crust, where cavities are more likely to form. All continents are represented. Included also are localities where the body of pegmatite has been desilicated by interaction with wallrock or has formed from a silica-undersaturated magma, producing nepheline syenite pegmatites. In every case, there is a strong focus on mineral specimens, gem crystals and gems. The intent is to broaden the readership to include mineral and gem enthusiasts and collectors, museum professionals, and others interested in nature's treasures, as well as earth-science students and graduate students. (Modified from the MAC book announcement).

### **Submissions for the Friends of Mineralogy Newsletter**

FM chapter officers and members and affiliated organizations are encouraged to submit quarterly summaries of their activities for inclusion in this newsletter. News of symposia announcements, call for papers, registration information, or lecture programs are also desired for communicating in the newsletter. Short mineralogical articles on localities, specimen photographs, mineral discovered or new mineral books are also desired. Please submit items for inclusion in word format, pdf or jpg formats to the following email address: [fmnewslettereditor@gmail.com](mailto:fmnewslettereditor@gmail.com) . Please provide before December 15<sup>th</sup> 2022 for the next newsletter.



Milky quartz, Ouray County, Colorado.  
Dan and Dianne Kile collection.  
Displayed at 2022 Denver Gem and  
Mineral Show®. Specimen exceeds one  
foot in diameter. Mark Jacobson photo.