



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 Mark Jacobson



Summer weather has reached Denver and most collectors are out digging with new discoveries to trickle in. The April Rochester Mineral Symposium held its last symposium online. Acceptable hotel or motel facilities for the symposium in Rochester, NY are no more; thus the online version is how we

will remember its ending. That same weekend, the first ever “Southern Colorado Rock and Mineral Show” was held in Florence, Colorado. The show has potential but it will be many years before it achieves it. In May, The New England Mineral Conference (NEMC) held its 3 day conference – technical talks on Maine focused mineralogy similar to Rochester, as well as the Annual Maine Mineralogical Heritage award, a room of New England centric mineral displays, local dealers rooms, several one-hour talks on minerals, mining people, and mineral localities, a silent and voice auction, and a Sunday field trip to either Mt. Mica, Havey quarry or the Wheeler quarries.

In the Rockies, numerous mineral groups will be holding their shows during the summer. In June, the Colorado Springs Mineralogical Society had its show on June 10th – with dealers and displays. This will be followed by gem and mineral shows in Woodland Park, Lake George, Creede, Victor, and the Buena Vista. In August, FM will be having an informal gathering of East Coast chapters at the East Coast Gem, Mineral and Fossil Show in Springfield, Massachusetts. I hope to be there. The Springfield show will have special exhibits from the collection of Laura L. Delano. For FM national, we should start receiving title and abstract submissions for the February 2024 Tucson Gem and Mineral Show® pegmatite symposium. I am optimistic for a great slate of talks.

Meanwhile the Southern California Chapter with Bill Stephens of the Pennsylvania chapter helping, are preparing and submitting comments to allow mineral collecting in the Mohave Trails National Monument. It will be an uphill challenge convincing the regulators. Bill Stephens and colleagues will keep FM informed. The Maine Gem and Mineral Museum in Bethel, Maine will be hosting the 4 day pegmatite workshop on September 6 to 10. The Denver Gem and Mineral Show will be having its event Sept 15-17 at the Denver Convention Center, associated with the

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Official page: @FriendsOfMineralogy

Public group: Friends of Mineralogy community



INSTAGRAM:

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(President's Message, continued from page 1)

HardRock Summit and the Sparkle and Joy (GIA) shows. The Denver Gem and Mineral Show will continue with its mineral displays from museums and private collections. Simultaneously, several motel and hotel mineral and gem shows are occurring in the Denver Metro area, all of which offer opportunities to buy specimens, many of which will be of specimens collected in the Rocky Mountain region by the dealers offering the material. The Geology Museum on the Colorado School of Mines campus, Golden may continue with its open house at the museum just before the Denver Gem and Mineral show opens. As usual, I'll be walking around photographing people and minerals.

Mark Jacobson



NEW FM NATIONAL COMMITTEE ESTABLISHED

April 24, 2023

A vote was called by FM National President Mark Jacobson on April 15, 2023 to have two motions addressed by the FM board of directors.

Motion 1) Do we want to submit a letter representing FM national and all its chapters to allow mineral collecting and research mineral collecting in the proposed US national monument in southern California.

Motion 2) Have a committee to create a letter recommending collecting in the national monument and have the board approve such a letter before mailing it out on letterhead FM paper via snail mail. The committee would be composed of at least Alex Schauss and Bill Stephens with others as they wanted.

Sixteen board members have voted and all agreed to have a committee led by Bill Stephens and Alex Schauss prepare a letter representing FM national and all chapters to support and guide mineral collecting in the new southern California Mojave Trails National Monument area to be submitted to MTMN management.

After the committee has prepared the letter for the president's approval it will be provided to all board members for approval before being sent on FM letterhead to MTMN management via USPS Mail.

Voters and approvers were: Alex Schauss, Alex Venzke, Alfredo Petrov, Bill Besse, Bill Stephens, Bruce W. Bridenbecker, Don Buchanan, Jeanine N. Mielecki, Lawrence Nuelle, Linda V. Smith, Mark Jacobson, Matt McGill, Randy Marsh, Ryan Klockner, and Thomas Hale.

Respectfully submitted,

Jeanine N. Mielecki

Secretary



Notice of Intent To Amend the California Desert Conservation Area Plan Associated With the Mojave Trails National Monument Management Plan and Prepare an Associated Environmental Assessment!

SUMMARY:

In compliance with the National Environmental Policy Act of 1969, as amended (NEPA), and the Federal Land Policy and Management Act of 1976, as amended (FLPMA), the Bureau of Land Management (BLM) California State Director intends to prepare a management plan for the Mojave Trails National Monument (MTNM), through an amendment to the approved California Desert Conservation Area (CDCA) land use plan, and an environmental assessment (EA). By this notice, the BLM is announcing the beginning of the scoping period to solicit public comments and Identify issues, providing the planning criteria for public review, and issuing a call for nominations for areas of critical environmental concern (ACECs).

DATES:

The BLM requests that the public submit comments concerning the scope of the analysis, potential alternatives, and identification of relevant information and studies, and ACEC nominations by June 20, 2023. To afford the BLM the opportunity to consider issues and ACEC nominations raised by commenters in the draft land use plan amendment/EA, please ensure your comments are received prior to the close of the 45-day scoping period or 15 days after the last public meeting, whichever is later. Scoping meetings are expected to occur in late May to early June 2023 in the cities of Needles, Barstow, and Twentynine Palms. There will be one virtual meeting and three meetings in person. All meetings will be announced through a new release.

FOR FURTHER INFORMATION CONTACT:

Noelle Glines-Bovio, Mojave Trails National Monument Manager, telephone (760) 903–8356; address: Mojave Trails National Monument—Monument Plan Comments, Bureau of Land Management, 1303 U.S.–95, Needles, California 95521–4373; email: BLM_CA_NFO_MTNM_Plan@blm.gov. Contact Noelle Glines-Bovio to have your name added to our mailing list. Individuals in the United States who are deaf, deafblind, hard of hearing, or have a speech disability may dial 711 (TTY, TDD, or TeleBraille) to access telecommunications relay services for contacting Noelle Glines-Bovio. Individuals outside the United States should use the relay services offered within their country to make international calls to the point-of-contact in the United States.

SUPPLEMENTARY INFORMATION:

This document provides notice that the BLM California State Director intends to prepare a management plan for the MTNM, through an amendment to the approved CDCA land use plan, which will include an EA; announces the beginning of the scoping process; seeks public input on issues and planning criteria; and invites the public to nominate ACECs. The land use plan amendment would change the approved CDCA plan as amended. In particular, the BLM anticipates potential amendments to decisions associated with special designations, visual resources, lands and realty, cultural resources, and recreation. The planning area is located in San Bernardino and Riverside counties, California, and encompasses approximately 1.6 million acres of public land.

For more information go to the website below:

<https://www.federalregister.gov/documents/2023/05/05/2023-09619/notice-of-intent-to-amend-the-california-desert-conservation-area-plan-associated-with-the-mojave>

Thank You for YOUR support!

American Lands Access Association

alaa@amlands.org

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 **42nd 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/. Interested speakers should submit the title of their proposed talk (up to 25 minutes in length) by to 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 crystalization, mineralogy, miarolitic pocket formation, and pegmatite locality or province summaries.



THE 21ST ANNUAL PEGMATITE WORKSHOP

SEPTEMBER 6-10, 2023

To be held at the Maine Mineral and Gem Museum, Bethel, Maine
Webpage: <http://maine-pegmatite-workshop.com/introduction.html>

Granite pegmatites are intriguing geological structures to study. Found worldwide, they have been examined and mined for commercial, hobbyist and academic reasons for centuries. Even with this history, pegmatites are still considered difficult to comprehend. They are individually diverse in their structure, mineralogy, and paragenesis, but simultaneously there are enough similarities between all pegmatites to be worthy of comparison and study by the miner, mineral collector and academic alike. Whether your interest in pegmatites is purely academic or simply to learn where to look for mineral specimens in these structures, an understanding of pegmatites is crucial and can require years of questioning others, weeding through the literature, independent study and field work.

To speed the educational process on pegmatites along, studying with experienced instructors can be most beneficial, quickly adding to your knowledge base and comprehension. But finding a teacher to work with is difficult, there are few experienced pegmatologists worldwide. The Maine Pegmatite Workshop – 2023 strives to resolve this challenge. We are pleased to invite you to attend a unique opportunity to study granitic pegmatites with expert pegmatologists. 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.

By encouraging interaction, open discussion, and exchange of information with the faculty, they also want to learn from you. We have limited the registration to about 25 people, so there is as much interaction as possible with and between everyone. Although the Workshop discusses pegmatites on a worldwide basis, Maine is an ideal location for the Workshop with its abundance of pegmatites, its mineral wealth and the availability of freshly exposed pegmatite quarries and minerals.

We will be visiting four of these pegmatite quarries as field examples. We accomplish all of this in an intensive four day period, where each day, half of the time is in the classroom and the other half is out in the field. To add to this experience, there will be time set aside for your own field collecting at these closed locations.

The faculty has produced a newly revised and updated second edition of our textbook about pegmatites-PEGMATOLOGY 2nd edition. It is full of information not easily found anywhere else. It is our Workshop course book and is entitled “Pegmatology 2nd edition: Pegmatite Mineralogy, Petrology and Paragenesis.” Full of details which have been gathered specifically to compliment this Workshop, it is a text you can use for many years. As a registrant, you will receive a copy, included in the registration fee. We have taken our registrants interests, opinions and comments each year and tailored our Workshop to explore as many topics as we can in four intensive days. We invite you to join us in 2023 and enjoy this experience.



THE DENVER MINERAL SHOW

September 15-18, 2023

Figure 1. Mr. Bones, AKA Tim Seeber, walking around in his Tyrannosaurus Rex skeleton in the front lobby of the Denver Convention Center, Denver, 2021. Bob Johnson photo.

The 2023 Denver Gem and Mineral Show® associated with the HardRock Summit and the Sparkle & Joy gemstone shows at the Denver Convention Center are preparing for another exciting year. Our show, from September 15-18, 2023 (Friday to Monday), although at a different location will still continue the same events as before. For more detail go to www.denvermineralshow.com



Figure 2. One of the museum cases at the Denver Gem and Mineral show. None of the other mineral shows have museum exhibits. In 2022, the American Museum of Natural History in New York exhibited some Colorado pseudomorphs. Bob Johnson photo.



Figure 3. The Colorado Mineral Society give-away table of mineral specimens for kids. Bob Johnson photo.

(Denver Mineral Show, continued from page 7)



Figure 4. The Western Interior Paleontological Society give-away bin of belemnite fossils, which was a Mesozoic sea creature, for all collectors. Bob Johnson photo.



Figure 5. Numerous lectures focusing on the show theme has always been part of the show. This picture is Philip Persson, a local mineral dealer and geologist, speaking about Colorado rare-earth minerals in 2022. Bob Johnson photo.

The show will have:

- Numerous mineral, gem, fluorescent and lapidary displays – hopefully more than 50 cases highlighting the best private collections and special exhibits from museums from across the country
- A fluorescent mineral room with the best short and long wave glow-in-the-dark minerals from private collections
- Lectures by leading mineral experts on gems, gem minerals, gem localities and faceting and polishing techniques.
- Mineral, gem, and jewelry dealers
- Gold panning for kids and family
- The walking dinosaur and pre-historic mammals
- Kids mineral bags with 18 labeled specimens from Colorado localities
- Show pins and posters

The show theme this year: Gem Minerals: Nature's Bing

Within this theme are the principal gem minerals (seven gems: diamond, sapphire, ruby, beryl, tourmaline, topaz, and opal) and important gemstones (greater than 13 mineral species including turquoise, spodumene, and gold), quartz family minerals, rare and unusual gemstones such as red beryls, massive and decorative stones such as graphic granite, laboradorite, lapis lazuli, and fine-grained purple lepidolite, and lastly the organic gemstones. John Sinkankas in his 1959 “Gemstones of North America” book lists all these types as did George Frederick Kunz in his 1892 “Gems and Precious and Precious Stones of North America.” Sinkankas’ gemstone list as shown in his table of contents provide examples.



(Denver Mineral Show, continued from page 8)

For displays, rough and cut gemstones, crystallized gemstone minerals, and decorative polished slabs. In Colorado alone you can have peridot (olivine) from Badger Creek, CO; aquamarine from Mt. Antero, amazonite from Crystal Peak, diamonds from Larimer County, smoky quartz from Crystal Park, topaz from the Tarryall Mountains, yellow apatite from Eagle County, amethyst from Unaweep Canyon, and rhodochrosite from the San Juan Mountains.

A massive and decorative gemstone display could have graphic granite, amazonite, variscite from Utah, turquoise from Arizona and Nevada, moonstone from Virginia or Texas, orthoclase moonstone from Rabb canyon, New Mexico, massive blue quartz from Virginia to Georgia, turquoise from San Luis Valley, fine-grained massive lepidolite from Brown Derby, lapis lazuli from Italian Mt, and malachite and azurite from the western United States.

The organic gemstones include coral, shell such as New Zealand abalone (aka pua), amber, jet, mammoth ivory tusks (used for carving), and pearls.

Fossil gemstones include turrillita agate, iridescent ammonites (ammonite), opalized dinosaur bones, shells, and petrified wood, and possibly pyritized snails.

Educational exhibits formation of particular gemstones with examples of their environment, how to facet/polish a gemstone, or finished examples of gemstones in use – decorative Russian inlaid boxes, jewelry, jade handles of ritual knives, pre-Columbian jade artifacts, or maybe even a genuine “stone of the amazons” which is jadeite.



Figure 6. The Dragon gold specimen, Colorado Quartz Mine, California. This specimen is usually on display in the Houston Museum of Natural Science. In 2022, it was exhibited at the Hardrock Summit. Mark Jacobson photo.



Figure 6. A extraordinary amethyst scepter from a little known locality, north of Coal Dale, near Little Badger Creek, Fremont County. Exhibited in a joint case of the Best of Colorado by Bryan Lees and David Bunk. Mark Jacobson photo.

ROCKS & MINERALS

Editor-in-Chief: Marie Huizing • 5341 Thrasher Drive • Cincinnati, OH 45247 • Phone (513) 574-7142 • rocksandminerals@fuse.net

May 15, 2023

Mark Ivan Jacobson, President
Friends of Mineralogy
1714 S, Clarkson Street
Denver, Colorado 80210

Dear Mark,

Once again I am writing to thank Friends of Mineralogy for honoring *Rocks & Minerals* with an annual Best Paper Award.

We were very pleased to see the labors of authors Peter K. M. Megaw, Evan A. Jones, Bruce Cairncross, and Malcolm Southwood rewarded for their excellent article titled "Malachite Pseudomorphs after Azurite—Part 2: Milpillas, Mexico, and Other Worldwide Localities," which was published in the November/December 2022 issue (Connoisseur's Choice column, pages 534-553).

The check for \$200 is also appreciated. It will be deposited in the magazine's Color Fund account and will be used to help underwrite color photography in issues throughout the year.

Mention was made of the award in my Chips from the Quarry column in the May/June issue, and Friends of Mineralogy will be included in our annual list of donors published in next year's March/April issue.

FM's continuing support of *Rocks & Minerals* in this manner is gratefully acknowledged.

With best regards,

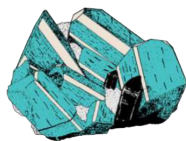


Marie Huizing
Editor-in-Chief

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friendsofmineralogycolorado.org

– No report for this issue –



Midwest Chapter

fommidwest.org

– No report for this issue –



Mississippi Valley Chapter

– No report for this issue –



New Jersey Chapter

fomnj.wordpress.com

– No report for this issue –



Southern California Chapter

– No report for this issue –





Virginia Chapter

friendsofmineralogyvirginia.org

– No report for this issue –



Pennsylvania Chapter

rasloto.com/FM



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 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

– No report for this issue –



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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-2/2020-present-day-newsletters/>