



FRIENDS OF MINERALOGY NATIONAL NEWSLETTER

Volume 42, No.2

April 2011

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.

LET'S GO DIG IN THE DIRT!



Peterson Mountain, NV. Photo by Mitchell Fund



Blanchard Mine, NM. Photo by John Lindell



Washington Pass, WA. Photo by Linda Smith



Crystal Park, MT. Photo by Kristin Lindell



Ramsey Mine, AZ. Photo by Kristin Lindell



Bessemer Ridge, WA. Photo by Kristin Lindell

NATIONAL OFFICERS

PRESIDENT: Allan Young, 315 East Carter St., Boise, ID 83706; allanyoung@msn.com
VICE PRESIDENT: Gloria Staebler, PO Box 11613, Denver, CO 80211; Gloria@lithographie.org
SECRETARY: Mark Mauthner, 1737 San Pablo Dr., San Marcos, CA 92078; mmauthner@gmail.com
TREASURER: Carol Smith, 1731 Daphne St., Bloomfield, CO 80021; smith72@comcast.net
NEWSLETTER EDITOR: John Lindell, 25714 268th Ave S.E., Ravensdale, WA 98051; lindell4@aol.com
WEBMASTER: Jim Etzwiler, 19011 312th Ave NE, Duvall, WA 98019; kd7bat@arri.net
PAST PRESIDENT: Julian Gray, 524 robin Lane S.E., Marietta, GA 30067; julian.gray@comcast.net

NATIONAL BOARD OF DIRECTORS

Term expires 2013:

Julian Gray; julian.gray@comcast.net
Virgil Lueth; vlueth@nmt.edu
Regina Aumente; RAumente@aol.com
Carol Smith; smith72@comcast.net

Term expires 2014:

Allan Young; allanyoung@msn.com
Gloria Staebler; gloria@lithographie.org
Aaron Weiting; pdxpounder@hotmail.com
Nelson Shaffer; shaffern@indiana.edu

Term expires 2015:

Jim Etzwiler; kd7bat@arri.net
Mark Mauthner; mmauthner@gmail.com
Sue Liebetrau; liebetraum@msn.com
John Lindell; lindell4@aol.com

CHAPTER PRESIDENTS (ALSO BOARD MEMBERS)

COLORADO CHAPTER: Pete Modreski; pmodreski@aol.com
MIDWEST CHAPTER: Bob Harman; bobannhar@aol.com
PACIFIC NORTHWEST CHAPTER: Bob Meyer; pyrite111@hotmail.com
PENNSYLVANIA CHAPTER: Arnold Mogal; pioche@verizon.net
SOUTHERN CALIFORNIA CHAPTER: Bob Reynolds; rreynolds220@comcast.net
MISSISSIPPI VALLEY CHAPTER: Larry Nuelle; lnuelle@shawneelink.net

EX-OFFICIO BOARD MEMBERS

ROCKS & MINERALS MAGAZINE: Marie Huizing; rocksandminerals@fuse.net
MINERALOGICAL RECORD MAGAZINE: Gunther Neumeier; minrecord@comcast.net
MINERALOGICAL SOCIETY OF AMERICA: Alex Speer; j_a_speer@minsocam.org

FM NATIONAL BOARD ELECTED OFFICERS



Thru 2013 Julian Gray



Virgil Leuth



Regina Aumente



Carol Smith
Treasurer



Thru 2014 Alan Young
President



Gloria Stabler
Vice President



Aaron Weiting



Nelson Schafer



Thru 2015 Jim Etzweiler
Webmaster



Mark Mauthner
Secretary



Sue Leibtrau



John Lindell
Newsletter Editor

All photos from Tucson 2012 Board meeting taken by Al Liebtrau except Carol Smith taken 2011 board meeting by Kristin Lindell

**Minutes of the Friends of Mineralogy
Board Meeting, 7:30 am 10-February-2012
Tucson, Arizona**

Call to Order

The annual 2012 Meeting of the Friends of Mineralogy Board of Directors was called to order at 7:50 am by President Allan Young. Brief introductions of those in attendance followed.

In attendance were Regina Aumente, Jim Etwiler, Ray Grant, Julian Gray, Travis Harris, Marie Huizing, Jim Hurlbut, Al Liebetrau, Sue Liebetrau, John Lindell, Virgil Lueth, Mark Mauthner, Bob Meyer, Günther Neumeier, Gene Reynolds, Nelson Schafer, Linda Smith, Alex Speer, Gloria Staebler, and Allan Young.

A quorum was present.

A motion to adopt the minutes of the Tucson 2011 meeting was made, seconded, and unanimously approved. Allan thanked Regina Aumente for again making the arrangements for the breakfast meeting.

Election of New Board Members

Nominating Committee Chairperson Regina Aumente reported that 10 ballots were received in support of the proposed slate of four new directors: Jim Etwiler, John Lindell, Mark Mauthner, and Sue Liebetrau. The new slate of Directors, whose terms will run from 2012 to 2015, was affirmed. Allan thanked Jim Hurlbut for his years of service as an FM Board member.

Allan asked for a volunteer to act as Nominating Committee Chairperson for the coming year. There were no volunteers, so one will be appointed.

Officer's Reports

President:

President Allan Young reported that during the year, the FM sent letters in support of the New York State Museum and the California State Museum regarding proposed actions affecting their mineral collections. FM also sent letters in support of keeping Rockhound State Park in New Mexico open to mineral collecting.

Vice President:

Vice-President Gloria Staebler asked for help in providing content for FM's Facebook page. Gloria also asked for ideas in recruiting new members to FM.

Secretary:

Secretary Mark Mauthner reported that the election of Board members was handled by Regina Aumente this year, since he was one of the Directors on the ballot.

Treasurer:

Treasurer Carol Smith could not be present at the meeting but provided the Board with a Treasurer's Report. Mark Mauthner delivered the report at the meeting, as follows:

Income and expenses treated as single stream despite two accounts.

Revenue: \$5522.27 (\$2922.27 of which came from transfer of funds from the now defunct SE Chapter)

Expenses: \$2358.00 (\$58 over budget)

Dues not isolated by year. Chapters have differing fiscal years; some members pay multiple years; deposits not always timely.

Midwest Chapter usually donates \$200, which was not received this year. Nelson answered that due to an unexpected death it was delayed and that a check is forthcoming.

Carol Smith has no record of the Pennsylvania Chapter having sent its dues. Arnold Mogel had sent her the current roster and is trying to get the treasurer to send a check.

Virgil Lueth moved to approve the Treasurer's Report as presented; Jim Etwiler seconded the motion; it passed unanimously.

Committee Reports

TGMS Awards:

Gloria Staebler reported on the winners of the 2011 Best Article Awards, as follows:

- Rocks & Minerals: "Morocco Tea and Minerals" by Tomasz Praszkiel.
- The Mineralogical Record: "The Yaogangxian Mine" by Berthold Ottens.
- Mineral News: "The Absolute, Truly Ultimate Trip from Hell in Several Parts" by Dudley Blauwet.
- MINERAL Monograph: "On the Topaz Trail" by Dudley Blauwet.

Web Master:

Jim Etzwiler reminded the board that three or four years ago he called for a committee to evaluate the web site and come up with suggestions for its improvement and to keep a group of people rather than a single person trained with regard to the web site and its maintenance. Nelson Shaffer volunteered to join the web site committee. Nelson asked whether or not if we were tracking web traffic. Jim replied that we do not. John Lindell mentioned some problems with Facebook.

Mineral Locality Indices:

Nelson Shaffer reported that the Montana Indices was coming out. Nelson asked if the board would consider helping MinDat. It was suggested that this consist of a letter of support rather than funds. John Lindell brought up the idea of formalizing a relationship with MinDat. Bob Meyer will write up a proposal to this effect. Allan Young stated that the Board could vote on this by e-mail, rather than wait for a year. Gloria Staebler pointed out the nonprofit status of MinDat. Discussion ensued regarding the possibility of mutual advertising. John maintained and it was agreed that we should not commercialize the newsletter.

Tucson FM Booth:

Nelson Shaffer again asked for help to man the booth and noted that if others are not willing to help, doing the booth may not be worth it. The question was raised whether or not doing the booth was indeed effective, especially to sign up new members. Nelson feels it is good outreach for the hobby in general and that it would be hard, if not impossible to measure this.

By-Laws / FM Display:

There was some discussion regarding voting by email rather than by ballot. Virgil Lueth will examine this issue and report back to the Board.

Virgil also mentioned that the FM display at this show features the award winners.

TGMS Symposium:

Julian Gray discussed this year's program on Arizona Minerals and stated that the theme for the 2013 show is Fluorite. Next year's Symposium will be held on February 16th.

Newsletter:

Allan Young thanked Newsletter Editor John Lindell for his excellent work on the Newsletter this past year. John stated that while the newsletter is still in its infancy, it is starting to get a response. John also warned that he volunteered to be the newsletter's editor, not its author and that he still needs more local chapter material. John also thanked Gloria for her assistance in getting the newsletter out as his email could not deal with the volume. He reiterated that the newsletter should not be commercialized and not compete with magazines. Mark asked about club relationships. Gloria replied that much research had been done by Tony Nickischer and had not found these needed or doable.

Chapter Reports

Pacific Northwest:

Bob Meyer, President of the Pacific Northwest Chapter, reported on the chapter's activities, which included: The success of the 36th annual symposium ("Famous Mineral Localities of Mexico"), one of the best in the chapter's history. Next year's theme is "Sulfate Minerals". The chapter will hold its next meeting at the Seattle Mineral Market in May. Every August, the chapter organizes a "Washington Pass Clean Up", in which about 20 people typically participate in this fun event that helps a mineral collector friendly locality.

Colorado:

Jim Hurlbut reported on the Colorado chapter's activities. The chapter tried to hold an election and ended up twisting the arms of officers to take another year. Something needs to be done as the chapter is losing members, not gaining them; that the chapter needs to do field trips again. The chapter is struggling; for example, the newsletter gets out Friday for a meeting the next Thursday. Gloria asked about the symposium and Jim replied that it was okay but lost money, and that the next one will have "Agates" as a theme.

Midwest:

Nelson Shaffer reported on the Midwest chapter. He stated the chapter was also in turmoil. The treasurer past away and Nelson just received the records. The chapter is growing but stagnant, and could not get enough people to do a trip to Arkansas. There are meetings at shows in Ohio and Kentucky, but generally only about 20 people.

Southern California:

Gene Reynolds reported on the Southern California chapter. He stated that the Mariposa Museum is still on the State's hit list for closure. Mark mentioned that he had heard from a member there that the museum has already begun proceedings to that effect. The chapter still has a strong membership and the March meetings are successful. Gene also talked about the Desert Research Study Center, a self-sustaining research center operated by Cal State University. The center conducts classes during the summer and has good facilities. The library, however, is barren of mineral books and the chapter has bought six books to alleviate that. It plans to purchase more next year. The chapter, led by Bob Reynolds, is still dealing with BLM issues and trying to keep collecting areas open.

Affiliate Reports

Mineralogical Record:

Günther Neumeier was introduced to the board. He recently joined the Record and will eventually take on the role of Managing Editor.

AGI/MSA/MAC:

Nelson Shaffer presented a brief report on AGI activities.

Old Business

On-Line Dues Payment:

On-line dues payment has been discussed previously and would be for members-at-large only. Allan Young brought up the fact that there are costs associated with using PayPal; about 4%. Gloria Staebler thought we might be able to get a lower rate as we are a non-profit organization. Tabled for now.

New Mexico Symposium:

Virgil Lueth asked for another \$500 to defray costs for the November New Mexico Symposium. Gene Reynolds made the motion to give \$500 to the New Mexico symposium; Mark Mauthner seconded it and it was passed unanimously. Virgil also asked whether or not he could use the FM membership list to advertise the symposium. A formal vote was not taken but the majority seemed to think that this was not a good idea. Marie offered to put an announcement in Rocks & Minerals.

New Business:

Change of Registered Agent:

Mike Kokinos will be turning over his duties as Registered Agent in California to Bob Housley, who is the Treasurer for the Southern California Chapter. It will be his job to see that the FM's required filings are up-to-date. Regina reported that she had done the IRS filing.

New Award:

Allan Young brought up an idea to create a new award in the form of a plaque that would acknowledge mine or quarry managers that allow collecting activities in, or field trips or visits to, their operations. He further suggested we research this to see if it would be well-received. Marie and Nelson responded that it probably would not, and that feeling was more-or-less mirrored by the rest of the board.

Re-use of Mining Areas:

Nelson Shaffer talked briefly about old mining areas that have been repurposed and asked for information about successful operations that other board members may know about.

Meeting adjourned at 9:08 am.



NEW FROM THE AGI

Glossary of Geology now available as an e-book for Kindle and Nook

Alexandria, VA □ The revised 5th edition of the Glossary of Geology, published by the American Geosciences Institute, is now available as an e-book for the Kindle and the Nook. The e-book version provides users with the full layout and text of the Glossary for half the price and none of the pounds of the print edition. The Glossary is an indispensable reference tool. It contains nearly 40,000 entries, including 3,600 new terms and approximately 13,000 entries with revised definitions from the previous edition. The revisions encompass advances in scientific thought and changes in usage, and underscore the importance of this volume for any Earth science professional or student. In addition to definitions, many entries include background information and aids to syllabication. The Glossary draws its authority from the expertise of the more than 100 geoscientists in many specialties who reviewed definitions and added new terms.

FM AWARDS PRESENTED AT TUCSON 2012

Friends of Mineralogy best educational case award winners were:

Individual: R. Reynolds for "The Wulfenite Story"

Institution: California Academy of Sciences for "Size Matters"

Friends of Mineralogy best article in 2011 award winners were:

Mineral Monographs – "On the Topaz Trail" by **Dudley Blauwet**

Mineral News – "The Absolute, Truly Ultimate Trip from Hell in Several Parts" by **Dudley Blauwet**

Mineralogical Record – "The Yaogangxian Mine" by **B. Owens**

Rocks & Minerals – "Morocco Tea and Minerals" by **Tomas Praszker**



Double winner Dudley Blauwet receiving his award from presenter FM Vice President, Gloria Stabler

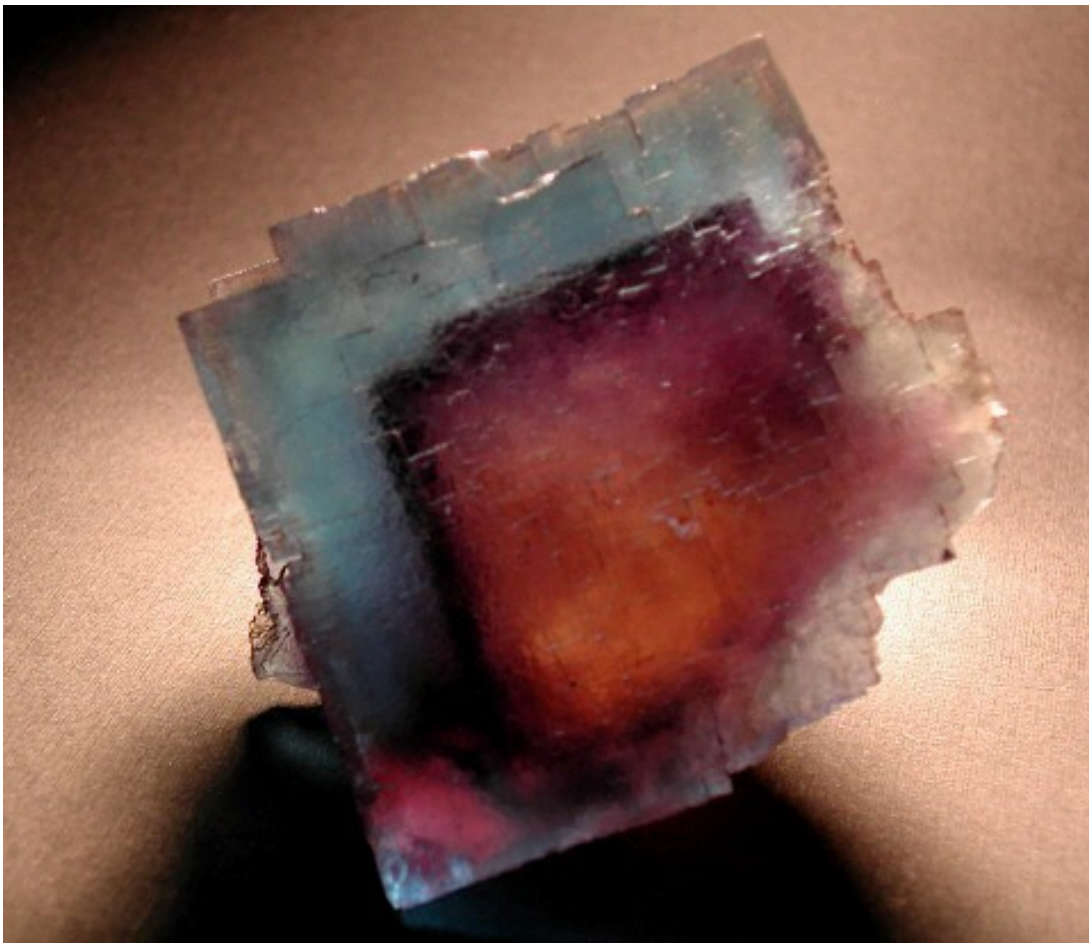
TUCSON 2013 SYMPOSIUM ON "FLUORITE"

FRIENDS OF MINERALOGY - CALL FOR PAPERS

The thirty-fourth annual Friends of Mineralogy symposium will be held in conjunction with the Tucson Gem and Mineral Show and will take place on Saturday, 16 February 2013. In addition to the Friends of Mineralogy, the symposium is sponsored by the Tucson Gem and Mineral Society and the Mineralogical Society of America. The theme is the same as the show theme: *Fluorite*. Presentations on descriptive mineralogy, classic and new localities, and related subjects are welcome. An audience of amateur and professional mineralogists and geologists is expected.

Anyone wanting to present a paper should submit a 200-300-word abstract to Julian C. Gray, Tellus Science Museum, PO Box 3663, Cartersville, GA 30120; email juliang@tellusmuseum.org; phone 770/606-5700, ext. 415. Presentations will be twenty minutes in length. Abstracts must be submitted by 31 August 2012.

Julian C. Gray
Tellus Science Museum
Cartersville, Georgia



Fluorite, Minerva #1 Mine, Hardin County, Illinois, 6cm,
John Lindell collection #2935, photo by John Lindell

PACIFIC NORTHWEST CHAPTER NEWS

The PNW Chapter is currently in the process of reviewing its outdated bylaws. A committee of Bill Dameron, Ray Lasmanis, and John Lindell met recently with President Bob Meyer and drafted changes to be presented to the general membership at the next business meeting. It is hoped these changes will better reflect the way the club is currently doing business.

The Chapter is investigating the possibility of building its own display cases for use at the annual symposium and at other shows. The groups that have loaned cases to PNWFM in the past will no longer be able to do so.

The spring business meeting will be held in conjunction with the Seattle Mineral Market on May 19th in Lake City, Washington. This one day show provides an opportunity for Northwest collectors to gather and buy/sell/trade minerals.

The annual Washington Pass Cleanup and field collecting weekend will be held on August 10-12 this year. Out of state FM members are welcome to participate. It's a chance to collect the area with some of the most knowledgeable collectors in this area.

The 2012 PNWFM Symposium will be held in Kelso, Washington on October 12-14th. The theme this year is "Sulfates". Speakers will include Les Presmyk, Dick Dayvault, Alfredo Petrov, and Bill Dameron..

MIDWEST CHAPTER NEWS

The Midwest Chapter held a meeting in conjunction with the Eastern Indiana Gem & Geological society's 39th annual show in Richmond, Indiana on March 3.

Members were encouraged to attend an free ODNr MSHA training course on April 20th. Training is required for collecting in many of the quarries visited by the chapter's field trips.

Field trips are currently planned for Auglaize quarry, Salem, Genoa, Clay Center and Flemingsburg. In addition members were invited to join a field trip to the Eureka Prospect mine on April 14th.

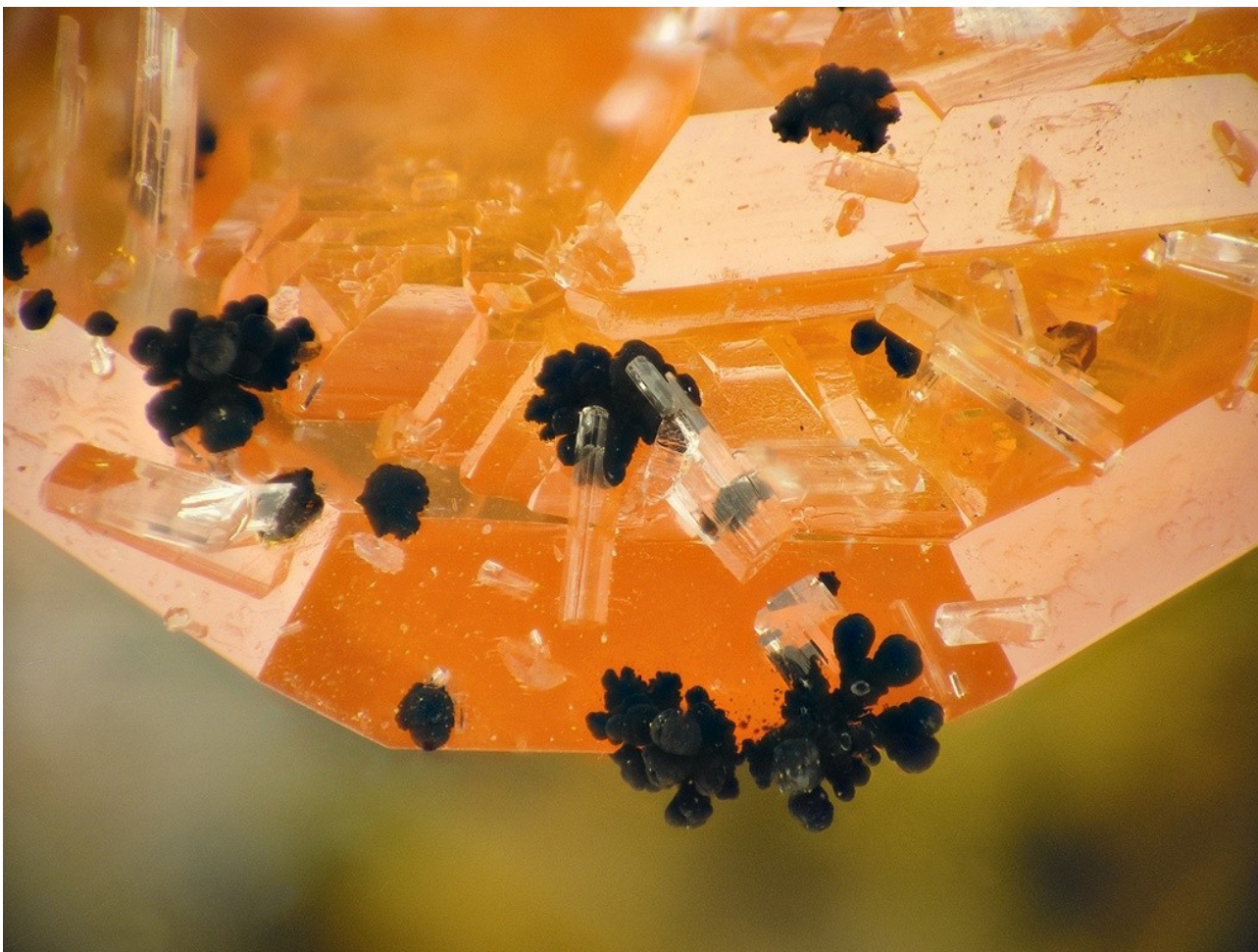
Next Midwest Chapter meeting will be on May 5th at the Cincinnati Gem and Mineral Show.

Note from the editor: You can't have a newsletter for Rockhounds without a few rocks in it! Bob Meyer, current president of the Pacific Northwest Chapter of Friends of Mineralogy, is a superb photographer of images in the micro scale. He has contributed to the PNW newsletter each issue with an article entitled the Micro Mineral Collector featuring his photos. He has graciously allowed the FM National Newsletter to reuse the article appearing in the last PNWFM issue. It is hoped that this will continue for all national members to enjoy. PNWFM members will have the opportunity to view this fine article a second time. To see back issues of Bob's contributions visit the PNWFM website. The current contribution appears beginning on the next page.

PS - This is the part that makes the rest of the newsletter palatable.

The Micro Mineral Collector

By Bob Meyer



Wulfenite with Hemimorphite and Manganese Oxides—a superb bright orange crystal of wulfenite acts as a serving dish for a scattering of exquisite transparent colorless hemimorphite crystals and odd dark dendrites, which are probably manganese hydroxides. From the 79 Mine, Gila County, Arizona
The field of view is 3.5 mm. John Lindell collection.

Buy and Use a Good Microscope—*adopted from Neal Yedlin*

Friends Rock, in that friends are great to have, in that people in our group literally are friends of rocks (& minerals), and in that many of these friends of rocks are friends, who rock. In this installment of *The Micro Mineral Collector*, we'll be taking that one step further and we'll be looking at:

Friend's Rocks. Most recently, friends have brought by specimens to photograph. This has happened enough recently that I thought it would be nice to feature the resulting photographs as a celebration of friends in this issue of the Pacific Northwest *Friends of Mineralogy* newsletter.



Creaseyite as lime-green sprays, with yellow crystals of Mimetite from the Collins vein, Mammoth St. Anthony Mine, Tiger, Pinal County, Arizona. Self collected by Linda Smith in February 2012, and in her collection. The field of view is 2.7 mm.



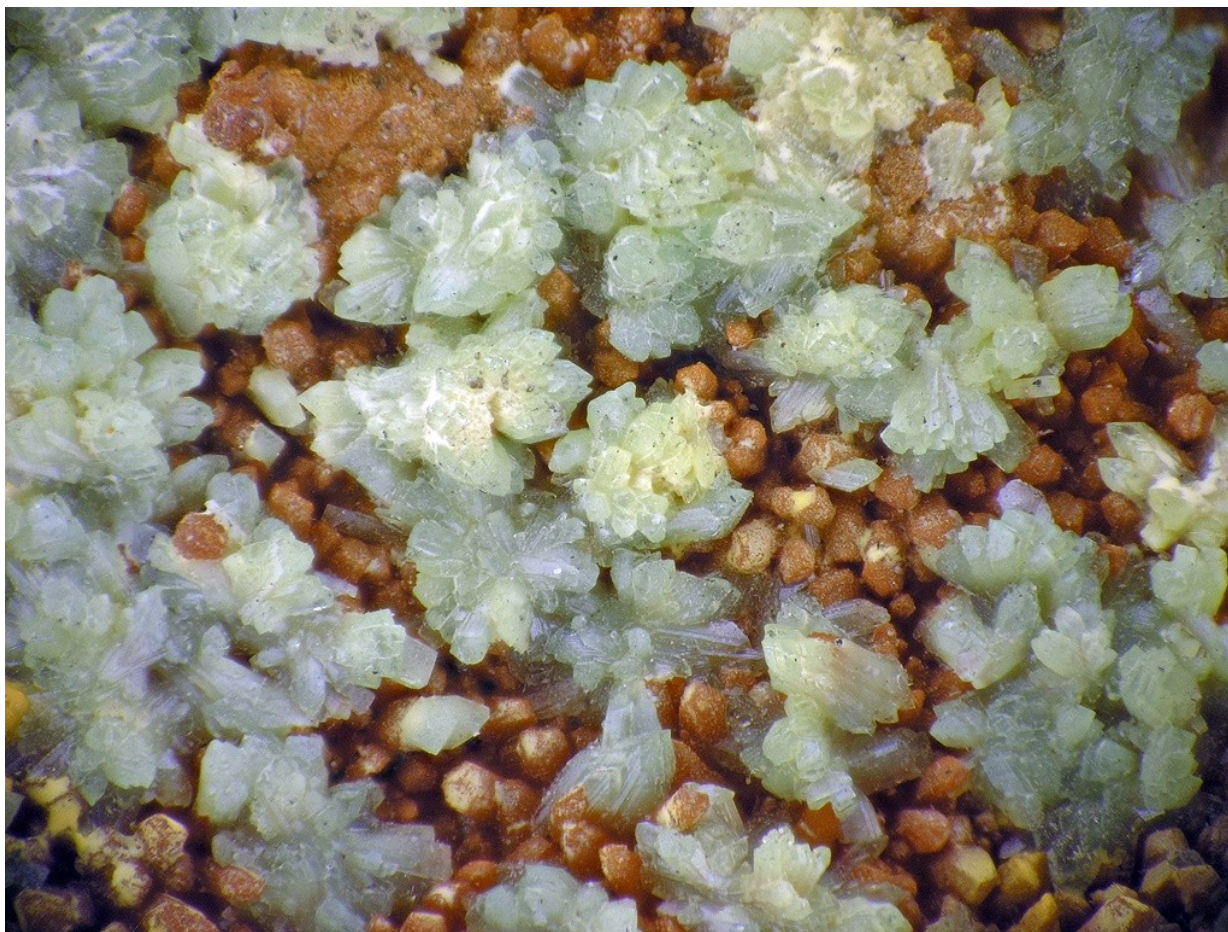
Auriacusite, as golden needles, from the Black Pine Mine area, Granite County, Montana. This is a relatively new species, in the Olivenite group, and was described in 2009. The species was discovered by John Dagenais, the specimen was collected by him, and is in his collection. The field of view is 2.2 mm.



Copper crystals on bright red acicular crystals of Cuprite variety *chalcotrichite*, from Bisbee, Arizona. John Lindell collection. The field of view is 3.2 mm.



Lime green Fornacite crystals in a colorful array with colorless Hemimorphite, orange Wulfenite, blue Chrysocolla, and dark manganese oxides. From the 79 Mine, Gila County, Arizona. Fornacite is very uncommon from this mine. John Lindell collection. The field of view is 7.5 mm.



Mandarinoite, superb sprays and rosettes of crystals on Siderite, from the De Lamar Mine, Owyhee County, Idaho. Collected by Ray Lasmanis. John Lindell collection. The field of view is 8.5 mm.

Instead of Find Elmo, find what section of the above photograph is a portion of the finest specimen of Mandarinoite in existence. The answer is: all of it. You have certainly never seen so much Mandarinoite in one place in your life, even if you were paying attention. Ray Lasmanis was. It all goes back to May 11, 1978, when Ray was visiting the still snowing 6316' bench, more specifically the mine coordinates 45 475 N, 98 030 E, of the Summer Camp Pit of the De Lamar Mine. He noticed a rock that was richly mineralized and had these nice green crystals, which later proved to be an iron selenate, unknown as of that time. Ray submitted the material to a researcher for description and publication, but as does sometimes happen with such things, his material sat for a while, and independently the mineral was described from material mined in Bolivia and the mineral was subsequently named Mandarinoite. Ray's discovery still remains the best find of the species, and this is a view of the best specimen he found that day. The photograph below is of another section of this fabulous piece.



Mandarinoite, a divergent spray of excellent green crystals, on Siderite, with a light purple crystal of what is presumably Chlorargyrite. From the De Lamar mine, Owyhee County, Idaho. Collected by Ray Lasmanis. John Lindell collection. The field of view is 1.0 mm.



Green Uvite with pale tan crystals of Svanbergite on Magnesite from Brumado, Bahia, Brazil. Ray Hill collection. The field of view is 1.5 mm.



Colusite crystals, showing twinning, on Enargite blades from the B3516XCS @99', 3500' Level, Leonard Mine, Butte, Silver Bow County, Montana. Specimens from the collection of Ray Lasmanis. The fields of view are 7.6 mm (left) and 5 mm (right).

As a college student, Ray Lasmanis obtained summer intern work in the mines of Butte, Montana. He worked in many different functional areas within the mines during this period. One day he spotted some interesting mineralization in one of the mines. He collected samples, which he recognized as being scheelite. Ray's boss at that time, the estimable late Lester G. Zeihen, was very pleased by this first discovery of a tungsten mineral at Butte. In addition to receiving a transfer to a research position, Ray was given a number of these interesting colusite specimens. The material was the subject of a 1960 American Mineralogist article by Richard Bideaux, and the diagrams below are from that article.

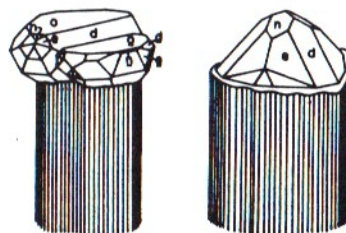


FIG. 2 (left). Group of three twinned colusite crystals oriented on an enargite prism. Leonard mine, Butte, Montana. Photograph by John W. Anthony.

FIG. 3 (center). Colusite twin oriented on enargite. Forms on the colusite twin are $o\{111\}$, $e\{012\}$, $n\{112\}$ and $d\{011\}$.

FIG. 4 (right). Colusite crystal oriented on enargite. This crystal lacks $o\{111\}$; other forms as in Fig. 3.

FM AFFILIATES



The Friends of Mineralogy is a long-time affiliate of *The Mineralogical Record* magazine. The magazine was founded in 1970 by John White, who was at that time a curator in the Mineral Sciences Department of the Smithsonian Institution. With the initial help of a financial backer, Arthur Montgomery, White succeeded in launching and bootstrapping the fledgling publication to the point where it was marginally self-sustaining. After seven years as editor and publisher, White stepped aside for a new Editor, Wendell Wilson. Since then the *Mineralogical Record* has grown steadily in size, quality and prominence, thanks to the contributions of over 700 authors, photographers, artists, advertisers and donors. It has become a collective labor of love on the part of the entire mineralogical community worldwide. It is the only journal to have a new mineral species named in its honor (minrecordite), and it is the only journal to have received the Carnegie Mineralogical Award. Subscriptions, back issues, books and a variety of free databases are available online at www.MineralogicalRecord.com.

ROCKS & MINERALS

For Everyone Interested in Minerals, Rocks & Fossils
www.rocksandminerals.org



MINERALOGICAL SOCIETY OF AMERICA

If you are interested in earth, planetary, industrial, or biogenic minerals or mineral-like materials, you may want to learn about the Mineralogical Society of America



3635 Concorde Pkwy Ste 500
 Chantilly VA 20151-1110 USA
 phone: +1 (703) 652-9950
 fax: +1 (703) 652-9951
 website: www.minsoeam.org