



FRIENDS OF MINERALOGY

A Quarterly Newsletter

Volume 28 Number 3 October 1, 1998



President's Message

We have good news to report about FM activities and potentials; Chapter symposia are in full swing with meetings in the Pacific Northwest, Great Basin and the soon-to-be completed Southeastern Chapter. We had a presence at the first Carnegie show in Pittsburgh. A new directory is in the production stage and should be available very soon. Several members of FM got together at the Denver Show morning social and plans are well along for the Tucson meeting. Be sure to read Peter Megaw's note about the new FM award for a unique and educational display at Tucson. This award is named for founding member Kay Robertson who underwrites this much needed recognition. We want to thank Kay for all her efforts on behalf of FM! Also remember the Werner Lieber Photo Contest (supported by Dr. Lieber) that takes place at the Tucson Show. Credo Schwab prepared a neat membership brochure. We need to recruit new members and his brochure should help. Contact me or FM officers for copies of the brochure. Please do your best to keep FM strong. Ask a mineral friend to join and remind members to keep up their memberships!

I am exploring the possibility that FM seek affiliation with the American Geological Institute (AGI). This group is an umbrella organization that supports and represents thirty two earth science societies including the American Mineralogical Society, the Geological Society of America, Paleontological Society, and a number of other well known societies. AGI produces the GEOREF bibliographic data base and Geotimes magazine that many of you have probably used. They also sponsor Earth Science Week and many educational activities. Contact me or visit the AGI website at for details about their many efforts. Acceptance into the AGI family would be a good step for FM but we would be expected to contribute \$2 per US

member annually. I hope to have a full analysis of this issue in the next newsletter so that we can discuss and act upon this matter at the annual business meeting. Please send me your thoughts. AGI is especially impressed by FM locality indices and publications such as Minerals of Colorado or the Pennsylvania Chapter's book by Art Montgomery.

This newsletter is a bit late because Credo was waiting for a message from me. So please send comments, complaints, or compliments to me. I especially want to hear what members think about AGI affiliation.

Nelson

A Note From the Treasurer

Roland Bounds

For those people who have not yet paid for 1999 or before, your dues are either overdue or getting ready to become due again. National members should pay Roland Bounds, National FM Treasurer, while all others should pay their Chapter Treasurers or Membership Chairs. For the new chapter(s) forming, as soon as it is known who your members are, please let the treasurer and other appropriate people know.

For new members, your FM badges are provided through which ever chapter you join. The chapters should buy badges directly from the National Treasurer. National members get their badges from the National Treasurer.

New National Member

**Alex J. Speer;
Mineralogical Society of America
1015 18th street NW Ste 601
Washington, DC 20036-5274**



Apology and Correction

In the last issue of this Newsletter the Editor misspelled Dr. Werner Lieber's name. Thanks to my friend Kay Robertson, who kindly pointed out the error, I offer my apologies for not catching the error. *Credo Schwab*

Chapter News

Colorado

The September meeting presentation by Bill Chirnside was titled; "Establishing Mining Claims on Mount White, Chaffee Co., Colorado 1998". The program was designed to show the complexities of claim establishment today versus the 1872 Mining Law procedure.

The 1999 meeting schedule at the Denver Museum of Natural History will be: January 14, March 11, September 9 and November 11. On May 13 an auction is scheduled at the Glendale Community Center.

The chapter had its usual involvement with the Denver Show with ID and Kids tables and an FM gathering.

Great Basin

Working on their organizational structure the Chapter has decided to meet quarterly with a chairperson selected for each meeting. Plans for an October Symposium will be completed at the late September meeting.

Pennsylvania

Symposia

Work is underway for the Fall symposium to be held November 6, 7 and 8. The subject this year is "Classic Localities". Tentative schedule; Friday night "What's New" at the Delaware Geological Survey Building on the University of Delaware campus, Newark. Saturday, talks and luncheon at the Brandywine Terrace, Philadelphia Pike, Claymont, Delaware.

Talks:

1. Jay Lininger: Charles M. Wheatley Locations

2. John S. White: The Foote Mine, Kings Mt.,

NC

3. John Betts: Anthony's Nose, New York

4. Lance Kearns: Morefield Mine, Virginia

Sunday, a field trip, location to be announced. For information call George or Doug Rambo, (302) 798-4163.

Memorial Grant

William Bradford, who will be a senior at Bucknell University, Lewisburg, PA this fall, has been awarded a grant for a research project on fluid inclusions. Letters of thanks have been received from the president of the University and assistant professor Dr. Mary Beth Gray, Bill's advisor. Dr. Gray remarked that beyond the financial help, "the grant is a great source of encouragement."

Book List

The following books are available from the Chapter through Arnold Mogel, 15 Oak Road, Schuylkill Haven, PA 17972-9330 (In the Min. Soc. Of PA he will send them a check for books from that source.)

PA Chapter Books

Reminiscences of a Mineralogist: Minerals, Localities and Mineralogy, 1997, Arthur Montgomery. Appendix by Juliet C. Reed, 84 p., soft cover, \$20.00 plus \$3.00 postage and \$1.20 tax for PA residents.

The Mineralogy of Pennsylvania, 1966-1975, 1978, Robert C. Smith II, 304 p., hard cover, \$15.00 plus \$3.00 postage. PA tax \$0.90.

Historical Sketches of Copper and Lead Mining in Montgomery County, Pennsylvania, with Foreword and Appendix by Allen V. Heyl, 1980, Harold F. Evans, 36 p., soft cover, \$4.00 plus \$2.00 postage.

Mineralogical Society of Pennsylvania Books

Mineralogy of Pennsylvania, 1922-1965, 1969, Arthur Montgomery, 104 p., hard cover, \$5.00 plus \$2.00 postage. One book to a customer - supply limited.

Annotated Bibliography of Minerals New to the Pennsylvania List, 1965-1974, 1976, Juliet C. Reed, 74 p., soft cover, \$1.00 plus \$2.00 postage.

Pacific Northwest

Symposium & Auction

The annual symposium Phosphates, Arsenates and Vanadates is taking place as this is written (9/25 - 9/27). There were an impressive list of speakers including Bob Jones, Bob Downs, Gary Ansell and Henry Barwood. Also Museum displays and dealers. Of all our chapter symposia these guys seem to do it the best. I'm really sorry I live so far from their activities.

Field Trip - Utah 98

Wes Gannaway wrote a great report on their Utah Field Trip in June 98. Thirteen people started the trip and, from the descriptions I judge it to be an outstanding success. Rather than bore you with all the details, here is a list of localities visited and major minerals collected.

Gold Hill, Utah; Quartz (Japan Law twins), cupro-adamite, conichalcite, talmessite, austinite, adamite, olivenite, chalcantinite.

Topaz Mt., Topaz, micro bixbyite, pseudobrookite.

Eureka, Utah Area: Mamouth, Utah, Mamouth Mine, Mine trip and collecting: azurite, malachite, chrysocolla, brochantite etc.

Centennial Eurika Mine, hemimorphite, pseudomalachite, acanthite, barite, galena, connelite, cornwallite, mimetite etc.

Well, there was more but you get the idea. Reads as though it was a fine collecting trip.

Ninth Annual Washington Pass Cleanup was conducted on August 7, 1998.

The 1999 Symposium

The Symposium will be in Coeur D' Alene, Idaho. It will be held at the Couer D' Alene Inn & Conference Center over Memorial Weekend. More news as soon as we get it.

Date: Tue, 29 Sep 1998 21:24:33 -0700

Peter K.M. McGaw Announces New Tucson Trophies

To: Nelson Shaffer,

Subject: **Kay Robertson Trophies**

Dear Nelson:

The *Tucson Gem and Mineral Society* and *Friends of Mineralogy* take great pleasure in announcing the establishment of the Kay Robertson

Educational Trophy to be awarded to museum and private exhibits that have exceptional educational interest. This is not a new competitive category, but rather the recognition of exhibits that exemplify the show theme in an especially illustrative manner, or educate through highlighting rare or unusual minerals or forms of minerals, unusual localities, have special historical interest, or just tell a mineral-related story exceptionally well. All cases on exhibit shall be considered and putting on an exhibit automatically puts you in consideration. The judging will be along the lines of the annual FM "best article" awards and will be done by a representative of each of the TGMS and FM. Recipients will be honored at the Saturday night awards festivities and shall receive a handsome framed certificate acknowledging the thought and effort put into their exhibit. Kay has very kindly donated funds to FM to endow these awards for the geologically foreseeable future.

Proposal for the "Education Certificate"

By Mrs. Kay Robertson

(Note to Nelson Shaffer, President)

I have sent my check to Roland Bounds, Treasurer FM, to fund a program to offer certificates of excellence to amateur and professional (museum or institution) exhibits at the annual Tucson Gem and Mineral Society show that meet the criteria discussed below.

I consider it very flattering to be invited by the TGMS to exhibit at their annual show. As I never was able to acquire "show stopper" specimens, I have always tried to add another dimension to my displays, i.e. I have tried to exhibit the unusual and uncommon, or interesting localities that are not generally known to the public, nor to the professionals in this country. Due to health reasons, I may not be able to continue to exhibit in the future; therefore, I would like to encourage other collectors to continue this trend.

I do not want to create a competitive category, rather, the certificate should be presented to anyone who will display a fine case, who will not only show beautiful minerals (either of the annual "theme" or any other subject), but add some special feature that will teach something: It may be some rare or almost unknown forms of a mineral, an un-

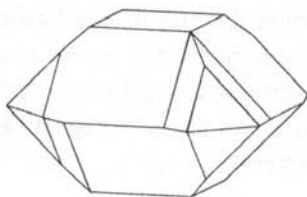
usual locality, be historically interesting, etc; it should be unrestricted as to subject matter, but it must also be aesthetically pleasing to the general public so as not to detract from the high standard of the TGMS show.

I have noticed several Museum cases, which displayed fine minerals to which were added descriptive labels that made the displays very interesting. It would be unfair to the amateur to be in competition with museums; therefore I propose that there be two certificates given, one to a private collector and one to museums. If the judges do not deem any case worthy, no certificate should be presented that year.

Both FM and TGMS have many members who are knowledgeable mineralogists. The judging should be done by two judges, one a FM member and one from TGMS. Their decision should be final.

I hope that the endowment I have donated to FM for this purpose will be sufficient to enable the society to present two printed, attractive documents, and possibly with a simple frame, ready to be hung in the recipient's home (to be paid out of the annual income from the endowment). The certificates need not be elaborate, but should reflect appreciation for the extra effort and knowledge, and be something of which to be proud.

CC: Nelson Shaffer, Roland Bounds (with check)
Peter Megaw
Bill Cook
(*Article edited for the Newsletter by Credo Schwab)



chalcopyrite

Earth Science Week

Mike Howard

October 11 - 17, 1998 will be the *first* national Earth Science Week. During this week, geoscientists across the country will share their knowledge of the importance of earth science by leading field trips, visiting classrooms, conducting seminars, displaying special exhibits, presenting lectures, and encouraging stewardship of the Earth. Originally a project of the American Geological Institute (AGI), many state governors have endorsed the concept and issued Earth Science Week proclamations.

Many state government geological surveys, along with colleges/universities, are planning to sponsor events. Poster sessions, guest lectures, and open houses highlight earth sciences' societal contributions and increase public awareness of geoscience.

Some ideas for educators and planners to celebrate Earth Science Week include:

Earth Scientists at Work: work site visits so students can learn about earth scientists and their jobs.

Earth Scientists in the Classroom: volunteer lectures, demonstrations, and/or discussion about Earth Science as a career.

Adopt-a-Teacher: a workshop for educators so they may perform Earth Science-related activities while guided by experienced demonstrators.

Earth Science for the Public: an annual poster session for students; 3 top posters to be publically displayed during October.

Earth Science in your Community: a walking tour in a State Park or on a college campus.

Building Stones: a field trip to a building stone quarry tied to a community tour of earth resources in use.

Earth Sciences on the Books: have local libraries display their Earth Science books and literature.

Whole Earth Place Mats: design a place mat depicting the importance of Earth Science in everyday life and have area restaurants use them during Earth Science Week.

We hear from some people that mineralogy is a dead or dying science! Here's your chance to change that idea by becoming involved. How do you get involved? Consider volunteering to be involved in some earth-science related project emphasizing mineralogy in your local school or community. Pass this information on, along with your own ideas, to local K-12 educators.

For additional information as to what the celebration is all about and how you might do something to help, contact the American Geological Institute, 4220 King Street, Alexandria, VA 22302 (Telephone 703-379-2480) or visit www.earthsciweek.org on the Internet. Request the Earth Science Week Information Kit. Although it may be too late to do much this year, there is plenty of time to plan for next year!



Here & There in FM *Credo Schwab*

New Recruiting Brochures

The new recruiting brochures are complete and the President has distributed many of them. If you want copies please E-mail Nelson Shaffer.

Fluorine in Wavellite

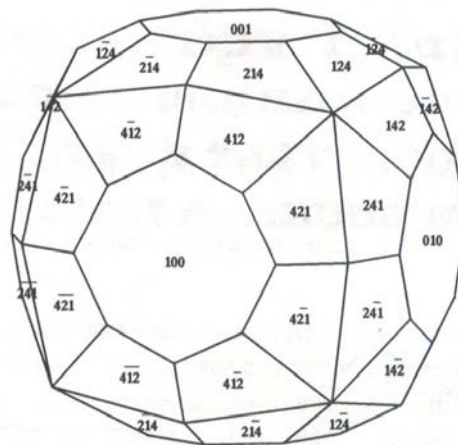
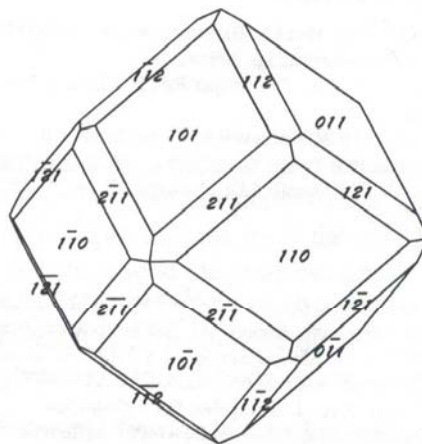
Here is a note I received from Henry Barwood. If you are into phosphates, this is for you!

I've recently compiled 106 analyses of wavellite from 26 different localities and plotted a histogram of the distribution of the fluorine content. Eighty percent of the analyses had greater than 2% fluorine indicating that hydroxy-wavellite is much less common than fluor-wavellite. There is a bimodal distribution of fluorine contents at about 3% and 4% respectively. This may, or may not, have structural significance; however, I do find it odd that these values would fall out as preferred fluorine contents.

New Directories

The new Directory is complete and the reproduction and mailing is in the works. If your dues is

paid and you are in good standing your copy will arrive soon.



Masthead

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(Crystal drawings by C. Schwab using SHAPE Ver. 5.5 by SHAPE Software)



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