



President's Message: Your Vote Counts!

The next FM Board of Directors meeting is scheduled for Tuesday, February 8, 2005 at 6:30 pm at Club 21 at 2920 North Oracle Road in Tucson.

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Vote

The FM Nominating Committee proposes a slate of board members with only one person per position, i.e. without opposition. We have seriously considered changing this several times, but for FM as it operates today we have generally concluded that the disadvantages outweigh the advantages. If you disagree please raise the question at the general meeting in Tucson, announced in this newsletter.

It may seem silly to say your vote counts under these conditions (Those of us who voted in the Washington State gubernatorial race are REALLY aware how much every vote counts!), but by simply filling in the ballot form in this newsletter you let us know you are alive and kicking—and willing to spend 60 seconds "participating," even if you can't come to Tucson. If you are in Tucson on Tuesday, February 8, we expect to see you at the FM social and general meeting—we also look forward to counting your vote!

Activities

FM has a long and proud history, but like many such organizations, it has had its ups and downs, and what it does has changed. We may not have done as much as we might have liked this past year, but we would like to note that at the last board meeting and during this year we have:

- Supported substantially *The Mineralogical Record* supplement on microscopes;
- Supported the *MR Tucson Gem and Mineral Show 50th Anniversary* supplement;
- Begun publishing a series of articles on pseudomorphs in the FM Newsletter;
- Begun a Newsletter series providing administrative and financial guidance to FM chapters or other interested groups;
- Formalized our FM display case at the Tucson show;
- Raised the profiles of all of our awards through improved publicity about the winners in *The Mineralogical Record*, *Rocks & Minerals* and through publicity in our FM

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FM Social & Annual Members' Meeting – Tucson 2005

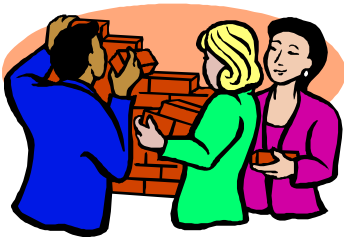


FM Social and New, Improved Annual Members' Meeting on Tuesday, February 8 at 4:00 and 5:00 respectively at the Clarion Hotel—Randolph Park: 102 N. Alvernon Way (1 block north of Broadway), Tucson

In recent years, attendance at the annual members meeting has been abysmal, in part due to the boring nature of the meeting but also because members are busy at the show on Saturday afternoon—the best time for us to get space at the Convention Center. This year, we have decided to schedule the annual meeting BEFORE the Board of Directors' session so that the board has the members' input while putting together FM's agenda for 2005.

Thanks to Marty Zinn, our social will be held in the restaurant at the Clarion Hotel beginning at 4:00 pm; we will segue directly into a general meeting around 5:00. The two events should be a fun and dynamic opportunity to exchange ideas. Come, refresh yourself and sound off! We need your help!

President's Message (continued)



Get Involved!

(Continued from page 1)

- display case at the show;
- Begun a new award for best article in *extraLapis English*;
- Begun raising funds through the auction of Werner-Lieber Photo Contest winning prints;
- Improved greatly electronic communication among board members;
- Formalized an interim FM directors meeting at the Denver show;
- Provided for members to receive their newsletters electronically;
- Formally affiliated with *Rocks & Minerals*;
- Updated the FM website and instituted procedures

to keep it up-to-date;

- Continued our co-sponsorship with TGMS and MSA of the Symposium at The Tucson Gem and Mineral Show;
- Initiated work on several new locality issues for publication in *Rocks & Minerals*;
- And, importantly, helped one to chapter get off the ground and sought ways to strengthen others.

Chapters

We see as a primary objective the strengthening of regional chapters. Some of our chapters work very closely with the National FM. Lately, we have noticed

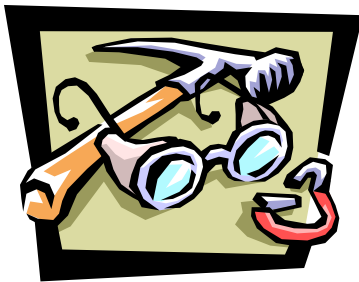
a lack of feedback from one or two chapters. Each chapter president or his or her designated substitute is a voting member of the board and is expected—and needed!—at the annual board meeting in Tucson. I am in touch with Chapter presidents, or try to be, but if you feel your chapter needs something from us and isn't getting it please let me know. I'll answer promptly.

Looking forward to seeing many of you in Tucson at the FM Social and Meeting,

Bill Dameron
President

List FM Events FREE in the *Mineral News*

The *Mineral News* has kindly offered to list FM symposia and other FM events at no charge in their "Coming Events" section. Event listings can be sent to *Mineral News* editor Mitch Portnoy via email at: mitchpnyc@aol.com. Chapters are asked to submit their listings at least two months prior to the scheduled event. The sooner event notices are received, the more often they will be repeated in this monthly publication.



The Fluorspar Symposium held October 1-3, 2004, was a great success. With all arrangements being made by Alan Goldstein, approximately 40 members of the Midwest Chapter and members of other clubs toured the Fluorspar District of Southern Illinois and West-

Midwest Chapter Report *by Marlene Edington*

ern Kentucky. A reception was held at the Ben Clement Mineral Museum, Marion, Kentucky, on Friday with guidebooks distributed to those present. Saturday was travel to Hardin County, Illinois. Mr. Don Hastie, owner of Ozark-Mahoning Fluorspar Mill, led a tour of the mill and a small part is still in operation. Collecting was allowed on the dumps.

The American Fluorite Museum in Rosiclare gave us a chance to see the beautiful fluorite and associated minerals found when the district was in full bloom. The Anna-

bel Lee Mine was the last stop for Saturday and Mr. Goldstein reported on the history of mining in southern Illinois. Saturday night a buffet was served in Fohs Hall, Marion, with talks by Alan Goldstein and Dr. Brett Denny on the geology and minerals of the district.

Sunday, we collected at the old Lafayette Mine, then were on to the Hutson (Hudson) Mine with mine owner Bill Frazer as our guide. The last two stops were to the Old Jim Mine and the Columbia Mine, where we found beautiful

galena crystals.

Ernie Carlson was re-elected president for 2005. Sylvia Sicree-Vice President for Programs; Mr. Carlson and Dwaine Edington will share field trip responsibilities; Albert Sicree is Secretary and Lorraine Wright is Treasurer.

The November meeting was held at the Micromount Symposium at the Cleveland Museum of Natural History on November 6. Our next meeting will be January 9, at the Indiana State Museum in Indianapolis with Len Gritzer speaking on Tourmaline.

FM Leadership

NATIONAL OFFICERS

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NATIONAL FRIENDS OF MINERALOGY BOARD OF DIRECTORS

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	Jim McGlasson	JimMcGlasson@comcast.net	
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COLORADO CHAPTER: President, Pete Modreski, 3555 Miller St., Wheat Ridge, CO 80033, (303) 425-9549, pmodreski@usgs.gov
V-P, Jack Thompson; Treasurer, Jim Hurlbut; Secretary, Richard Parsons

MIDWEST CHAPTER: President, Ernie Carlson, P.O. Box 11164, Brady Lake, OH 44211, (330) 672-3778, ecarlson@kent.edu
website www.indiana.edu/~minerals/index.htm

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pdxpounder@hotmail.com

PENNSYLVANIA CHAPTER: President, Arnold Mogel, 15 Oak Rd., Schuylkill Haven, PA 17972, (570) 739-4034, pioche@losch.net

SOUTHERN CALIFORNIA CHAPTER: President, Bob Reynolds, 220 South Buena Vista St., Redlands, CA 92373-5129, (951) 781-9310,
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SOUTHEAST CHAPTER: President, David Babulski, 2677 Colony Circle, Snellville, GA 30078; 678-584-2475, d.babulski@comcast.net
website: www.southeastfm.org

ROCKS & MINERALS MAGAZINE: *ex-Officio*, Marie Huizing, rocksandminerals@fuse.net, (513) 574-7142

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MINERALOGICAL SOCIETY OF AMERICA: *ex-Officio*, Alex Speer, j_a_speer@minsocam.org, (202) 775-4344

Friends of Mineralogy, Inc. is affiliated with The *Mineralogical Record*, *Rocks & Minerals*, The Mineralogical Society of America and the American Geological Institute. Please forward newsletter corrections/changes to Gloria Staebler, newsletter editor, gloria@lapisint.com; (860) 267-1512

Acquiring & Maintaining a Not-for-Profit Organization *by Mike Kokinos*

A number of FM chapters have expressed confusion about required administrative functions that a chapter needs to perform in order to maintain its not-for-profit status. California CPA and FM member Mike Kokinos has graciously provided an overview of the process of establishing and maintaining a not-for-profit organization.

Watch this space for additional articles on how to avoid loss of tax exempt status, retention of records, and responses to any organizational questions sent to Mike at zeileitz@directcon.net

If an organization requests his help, Mike will provide guidance free to Friends of Mineralogy chapters and American Federation of Mineralogical Societies. He does ask that the organization make a donation to the AFMS or FM.



Organizations formed to educate the members and public in the earth sciences and the preservation of mineral specimens can obtain federal and state tax exemption under the provisions of Section 501(c)(3) of the Internal Revenue Code and the equivalent section of the state where business is conducted. This section of the tax code covers educational and charitable organiza-

tions. Exemption under Section 501(c)(3) has been obtained for many mineral and gem societies within the American Federation of Mineralogical Societies.

The first decision that a group of mineral collectors wanting to formalize their periodic meetings needs to make is how they should structure the organization. Should they form an unincorporated association or incorporate in the state the group lives?

What is required to form an unincorporated association?

Select a name for the organization. Do not use the term "club" as part of the name as this usually infers a social club. Organizations formed for education of its members and the public regarding the earth sciences are not social clubs. There are other reasons for avoiding formation as a social club that will be referenced later.

Develop a constitution (this is the equivalent of Articles of Incorporation used to incorporate an organization). There are several statements required by the Internal Revenue Service and the state where the association will be headquartered. Before starting the constitution, obtain I.R.S. publication 557. This publication has substantial information regarding nonprofit organizations and includes statements required in the constitution before the I.R.S. would approve tax exemption. Check with the state of incorporation revenue department or secretary of

state for publications to obtain tax exempt status.

The constitution will have a purposes statement that should emphasize the educational aspects of the organization. Do not use the term hobby in the constitution. The constitution should not attempt to set rules that can best be included in the bylaws such as listing election or duties of officers and directors. The requirements for amending the constitution should be included as the last paragraph of the constitution. The adopted constitution should be dated and signed by the organization Secretary and President.

Develop bylaws. Discussion of content is unnecessary as there are many examples available. Again, do not use the term "hobby" or "club" in any of the statements. Be sure requirements for membership do not discriminate. **Obtain a federal employer identification number (EIN).** Even though the organization will never have employees, the EIN is required to open a bank account. The Internal Revenue Service has a web site www.irs.gov. The EIN can be obtained on line at this web site.

What is required if the group elects to incorporate?

Incorporation is preferable over associations for a couple of reasons: liability of the members can be limited; the IRS and the states have so few unincorporated associations their administration is of necessity by exception; instead of a constitution, articles of incorporation are prepared. The steps listed

above for unincorporated associations are the same. In addition, the articles of incorporation have to be filed with the Secretary of State.

Applying for tax exempt status

The federal application is made on Publication 1023. The application fee is \$150. The publication provides line by line instructions for completing the application. The fee goes to \$500. if an organization expects annual gross receipts of \$10,000. or more. Every state has different rules for filing an application for exemption. Usually the application is made with a department of revenue. The state application duplicates most of the information furnished on Form 1023. If incorporating, determine where and how to file the state application before filing the articles of incorporation.

Reporting Requirements

The IRS requires an annual form 990 or 990EZ only if gross receipts are \$25,000. or more. However, if a form 990 is sent to the organization, it should file the form irrespective of gross receipts. Each state can have different reporting requirements. Check their web sites for the requirements or contact the revenue department. An organization's completed Form 990 is available to the public. Determine if separate reporting is required by the state department that oversees nonprofit organizations. The reason for oversight is to

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**Friends of Mineralogy, the Tucson Gem & Mineral Society
and the Mineralogical Society of America**

present the
**2005 Tucson Mineralogical Symposium on
CHINA!**

Saturday, February 12, 2005

Tucson Convention Center
Tucson, Arizona

Program Schedule

10:00 to 10:45 am

The Development and Future Potential of China as a Supplier of Mineral Specimens

Rock H. Carrier

10:45 to 11:15 am

Mineral and Stone Collecting in China

Guanghua Liu

11:15 to 11:45 am

Mineralogy of the Yaogangxian Tungsten Mine, Chenzhou Prefecture, Hunan

Berthold Ottens & Robert B. Cook

11:45 to 12:15 pm

In Search of World-Class Specimens in China

Georg Gebhard

12:00 to 1:30 pm

Lunch Break

1:30 to 2:00 pm

The Xuebaoding Beryl-Scheelite Vein Deposit

Berthold Ottens

2:00 to 2:45 pm

A Mineral Excursion to China: 2004

Jeffrey A. Scovil

2:45 to 3:30 pm

China's Underground Frontiers and Comparative Observations on Cave Mineral Deposits

Kevin Downey

For further information contact Symposium chairs Dr. William Simmons (wsimmons@uno.edu) or Dr. Günther Neumeier (guenther@lapisint.com)

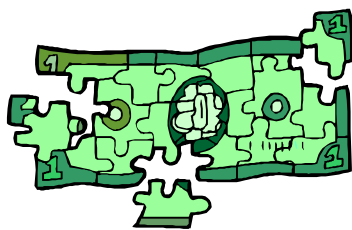
Board of Directors Meeting Minutes: Denver 2004

FRIDAY, SEPTEMBER 17, 2004,
DENVER, CO

Call to Order—The meeting was called to order at 11:03 AM by President Bill Dameron. Fifteen people were present: Dameron, Lueth, Hurlbut, Staebler, Etwiler (PNW Chapter), Modreski (Colorado Chapter), Huizing (ex-officio), Soregaroli, Aumante, SantaMaria (SE Chapter), Smith, Sherwood, McGlasson, Grant, and Kile. Jose Santa Maria was introduced to the group as the representative of the Southeast Chapter.

Minutes of the Last Meeting—The minutes of the last meeting in Tucson were accepted as recorded in the Spring 2004 newsletter (Vol 34; issue 1).

Treasurer's Report—Jim Hurlbut presented the treasurer's report, which was accepted as read. The dues that regional chapters pay to the National Chapter were increased by \$1.00 per member at the annual meeting in February. That increase will take effect January 1, 2005. Jim agreed to send a letter to the regional treasurers explaining the effective date of the increase.



Membership List—Concerns about the potential misuse of an electronic membership list and the cost concerns of "publishing" a bound list

prompted the decision to mail a simple printout of the membership list to the entire paid membership. It was agreed that this would be done as soon as possible.

Future Meetings—Next year's Denver board meeting will be scheduled for 3:30 on Friday afternoon.

Pete Modreski suggested that we schedule a speaker for future general meetings to draw more attendees. A number of board members suggested that we hold the general meeting in conjunction with the social, which was very well attended in Tucson this year. It was generally decided that the general meeting should be held before the FM Tucson social, the date and time of which is yet to be determined.



Awards and Cases—Carol Smith will coordinate obtaining Chinese mineral specimens for the FM case in Tucson this year. Dan Kile will handle the overall case. The 2006 TGMS show theme is expected to be Minerals of Canada. Bill Dameron suggested a case highlighting the contributions of amateurs, in addition to minerals discovered by amateurs a second (more crowd pleasing) feature could be remarkable specimens recovered because of amateurs.

Marie Huizing suggested that

we expand the FM educational case awards to the Denver show. Regina Aumante agreed to look into whether an FM award would conflict with the prizes already awarded by the Denver show.

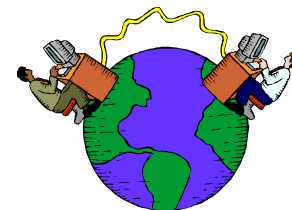
There was some question as to whether the Werner Lieber award photos had arrived in Denver for the auction. In fact they had, and a small number were slated to be auctioned off at the *Rocks & Minerals* auction. The remaining photographs would be auctioned at other upcoming shows and symposia.

Newsletter—The deadline for submissions to the next newsletter is December 20th, 2004. In order to be included on the ballots and made effective in 2005, nominations for board members as well as by-law changes would need to be submitted to Gloria for publication before December 20th. Regina said she would do her best to have details about the social and Art Soregaroli agreed to have a committee report prepared in time for the December newsletter deadline.

Locality Indices—Art Soregaroli reports that Oregon, Illinois and Florida indices are in the works, and that a Washington state index is in the process of being updated. Marie reported that the Kentucky index was being readied for publication in *Rocks & Minerals*.

Website—Bill Dameron was pleased to report that the web site was being kept up to date and was rapidly im-

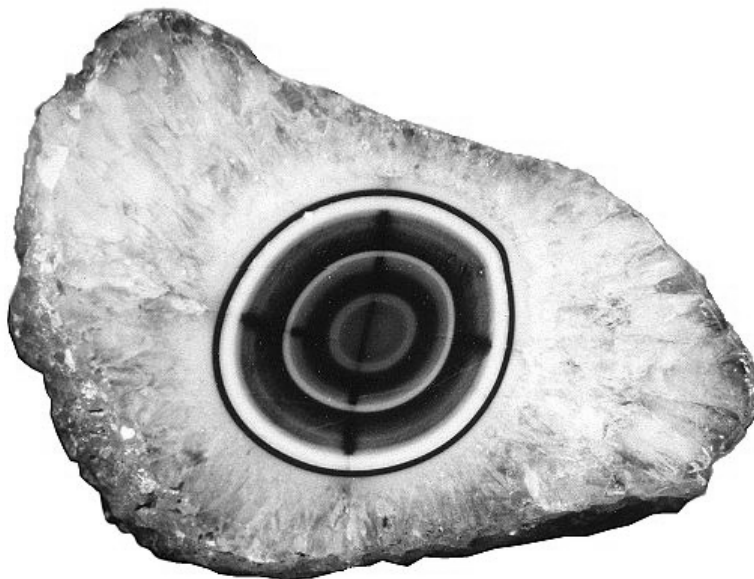
proving. The board agreed to trade links with noncommercial mineral related sites. The Pacific Northwest and Southeast Chapters both have their sites up and running. They can be accessed at pnwfm.org and southeastfm.org respectively.



FM at Tucson—Bill agreed to have an updated FM flyer ready for Tucson. We will once again have an FM booth in the entry of the TGMS and will need volunteers to staff it. Gloria agreed to put a plea for volunteers in the December newsletter. It was also decided that a sign up list would be passed at the social and at the Tucson board meeting.

New Business—Gloria suggested that the National chapter sponsor a seminar series for mineral club and FM chapter officers who are interested in learning more about a specific topic. The first seminar would be for club treasurers and might be held in Tucson 2005. The suggested topic was 5013C compliance. Gloria agreed to advertise and put the seminar together, and Bill Dameron agreed to put her in touch with FM member and accountant Mike Kokinis as a possible candidate to run the seminar.

The meeting was adjourned at 11:57 AM.



*Friends of Mineralogy, Colorado Chapter;
Colorado School of Mines Geology Museum;
and the USGS*

will cosponsor a mineralogical symposium on

Agate and Other Cryptocrystalline Quartz

Sat.-Sun., Sep. 10-11, 2005

(the weekend before the Denver Gem & Mineral Show)

Green Center, Colorado School of Mines, Golden, CO

2 days of lecture presentations

Saturday evening banquet

reception and tours of CSM Geology Museum

field trips to Colorado mineral localities, Mon./Tues., Sep. 12-13

registration fee \$40

If interested in attending and receiving further information about the symposium, please send your name, address, and phone number and/or email address to: pmodreski@usgs.gov, or to Friends of Mineralogy, P.O. Box 5276, Golden CO 80401-5276

If you would like to offer to present a paper on some aspect of cryptocrystalline quartz and related topics (agate, chalcedony, jasper, chert, opal, geodes, thunder eggs, etc.), please contact:

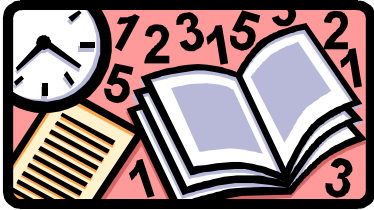
Pete Modreski, USGS, Denver CO, pmodreski@usgs.gov, 303-202-4766

F
m friends of
mineralogy
colorado chapter



Friends of Mineralogy-Colorado Chapter
P.O. Box 5276
Golden, CO 80401-5276

Mike Kokinos on Not-for-Profit Organizations (continued)



(Continued from page 4)

ensure funds are expended only for the purposes stated in the organizations application for exemption.

In California, the Registry of Charitable Trusts (part of the Attorney General responsibilities) requires annual filing of information. The amount of information is dependent upon the gross receipts and total assets. A copy of Form 990 is sent to the Registry where it is placed on its web site where it can be viewed by anyone.

Friends of Mineralogy

Friends of Mineralogy is a California public benefit corporation. It is exempt from

federal tax under Internal Revenue Code Section 501 (c)(3) and from state tax under California Revenue and taxation Code Section 23701d (equivalent to 501 (c)(3)).

Chapters are essentially independent organizations and can be either incorporated or unincorporated associations. They do have responsibilities to Friends of Mineralogy (usually referred to as "National"). These responsibilities include a per capita dues payment, providing periodic up to date rosters to keep National's membership data current, reports for inclusion in the newslet-

ter, attending general meetings in Tucson and Denver. Members of chapters are automatically members of National. This is important if a chapter ceases to operate as the members continue as members of National and continue to receive the newsletter and have voting rights at general meetings. A chapter that disbands is required to furnish all records to National.

Some investigation of obtaining a group tax exemption rather than each chapter filing was instigated several years ago. My recollection is the chapters felt they would lose some of their autonomy.



Remembering Dick Bideaux by Ray Grant

Richard Bideaux, one of the founding members of Friends of Mineralogy died on October 26, 2004. The organizational meeting for FM was held at Dick's father's house in Tucson on February 13, 1970. Twenty people were

present at this first meeting where the name Friends of Mineralogy was chosen. Dick was one of five members of the FM regional committee selected to run the organization the first year, see *Mineralogical Record* v.1, no.1,

p.4, 1970.

Dick was internationally known for his contributions to mineralogy and many memorials and biographies have appeared in other newsletters and magazines.

Southeast Chapter Report by Julian Gray

In early October, Dr. Henry Barwood led a three-day trip to the field trip to the syenite locations around Little Rock, Arkansas. In addition to being successful as a mineral collecting expedition, the trip was an excellent recruiting tool.

The Southeast Chapter held another successful symposium and field trip on November 12-14. The event was kicked off at a wine and cheese reception sponsored

by our host, the Weinman Mineral Museum in Cartersville, Georgia. Twenty-one mineral enthusiasts heard presentations on mineral art as a means of studying specimens, zinc and lead minerals of Tennessee, Calcite occurrences in Georgia, zeolites from the Piedmont of North Carolina, a review of the mineralogy of goethite, a report on recent collecting activities in the syenites of Arkansas, specimen gold in

the southeast, and an update on the Mineral Heritage Project (a project to preserve mineral locality data). A successful auction made the symposium moderately profitable. At the banquet Mark Jacobson gave a fascinating talk on the collecting lore and mineralogy of the Mount Antero, Colorado, aquamarine locale. On Sunday several folks joined the Dr. Barwood on a collecting trip to the iron phosphate location

near the Augusta Ridge area of Indian Mountain, Alabama.

I encourage all mineralogists in the South to aid us in recruiting others and extending our membership base. We are gaining stability and hope that more folks will join in this exciting opportunity to share and learn about the mineralogy in the southeast. You can keep up with us on our web page at SouthEastFM.org.

Pennsylvania Chapter Report *by Juliet Reed*

With a successful November, 2004, Fall Symposium on "Classic Localities II," dedicated to the late Jay Lininger, behind them, the F.M., Pa. Chapter, Board looks forward to planning the 2005 Symposium, on "Classic Localities III."

Again, the regional interests of the Chapter will be emphasized, along the lines of the program of the 2004 Symposium, which featured talks by Steven Chamberlin on New York State localities, Johnny Johnsson on the copper mines of Carroll County, Maryland, and Steve Okulewicz on the mineralogy and

geology of Staten Island, New York. In addition, Steve Chamberlin repeated his "heads up" Rochester Symposium talk on "Disposing of Your Mineral Collection."

Skip Colflesh led the Sunday field trip for members to the Burkholder Quarry, where calcite and fluorite are the featured minerals in the limestones of this well-known Lancaster Co., Pa., locality.

The event, featuring also giveaways and an auction, as well as a dealer table, will again take place at the unique Delaware County Institute of Science, a 19th

century natural history museum in Media, Pa., on Saturday, Nov. 5, 2005. A field trip for members will follow on Sunday, Nov. 6. For more information on the 2005 symposium, contact Fred Stohl at 10 Millen Drive, Toms River, NJ 08753 or (732)341-3553.

The Board has honored Donald Schmerling and John Way as life members of the Pa Chapter, for their contributions to Pennsylvania mineralogy. Don, who joined early in the history of the chapter, is known as a collector, researcher, and former editor of the chapter

newsletter. John, while he was a geologist and editor with the Pennsylvania Geological Survey, edited several chapter publications, including Bob Smith's book on the mineralogy of Pennsylvania. He went on to become a professor at Lock Haven University and eventually became president of that institution.

April 9 has been set as the date for a spring field trip for members to central Pennsylvania localities, such as those in Blair County, led by Field Trip Chairman, Pen Ambler (bridger@paonline.com or 717-939-2586).

FM and AGI—An Important Affiliation *by Nelson Shaffer*

Nelson R. Shaffer is the FM Representative to AGI. He can be reached at 812-855-2687; or shaffern@indiana.edu

Friends of Mineralogy became an official affiliated society of the American Geological Institute (AGI) several years ago. I want to explain some of the background of AGI and cite some benefits of that affiliation.

AGI is a non-profit federation of 43 earth science societies. It is an umbrella organization that represents more than 100,000 earth scientists, 115 academic groups, and 45 corporate associates. AGI was established in 1948 to 1) improve earth science education, 2) increase public awareness of the vital role geosciences play in use of resources and the environment, 3) provide a focused voice for earth science concerns, and 4) promote support for earth

science research. The group also has become a major source of technical information and services. Several of their goals parallel those of FM.

Publications from AGI include the *Glossary of Geology*; *Dictionary of Mining, Minerals and Related Terms*, *Investigating the Earth*; and the monthly magazine, *Geotimes*. As an affiliate FM members can order publications at a discount. A number of booklets, charts, brochures, and other educational items can be obtained from AGI as well.

Education is a prime AGI activity and earth science curricula and materials are available for several grade levels. Posters about geoscience careers, soils, metals, minerals, geologic maps, and other geologic topics are available. You can use such materials for Earth Science

Week and other activities. FM members may wish to work with the Education Committee.

One of the more useful features of AGI service is the GEOREF bibliographic database. This computer database contains several million citations indexed by keywords. The AGI website www.agiweb.org provides details about GEOREF and other services. The site provides online data about a number of earth science concerns and links to other affiliates. A data repository is hosted by AGI and we hope to use this system to archive and update mineral locality data. AGI also provides information about academic departments, geologic field trips, and educational resources. They host a calendar of geology related meetings and events on their website.

A number of committees issue monthly reports. AGI has an active governmental affairs group, which provides FM officers with reports about legislation that affects geologic matters. We can have a representative to this committee and I would like to find a Washington D.C. area member who could represent FM concerns. We can also have representatives on environmental, educational, and other committees. I generally attend their annual meeting but meetings are held in many locations throughout the year and AGI sponsors Earth Science Week each year.

Please let me know if you have Earth Science Week activities so that we can include your efforts in our annual report. Please contact me if you have questions about AGI or if you wish to help FM/AGI activities.

Nominated to the FM Board of Directors

December 29, 2004

To: Friends of Mineralogy

Re: Nominating Committee Report

The Nominating Committee for the Friends of Mineralogy is pleased to submit the following nominations for members of the Board of Directors for the period of 2005-2008:

Ray Grant is retired from teaching geology at Mesa Community College in Arizona but still teaches part time. He organized the 2001 Symposium on Russian Minerals at the TGMS and is an authority on the minerals of Dal'negorsk, Russia. Ray has been involved with FM since its inception. He and his wife Cynthia are collectors of Arizona minerals and Ray is one of the authors of Mineralogy of Arizona.

Sharleen Harvey is the past president of the Pacific NW Chapter of FM and winner of its prestigious Noble Witt award. She is head of the Rice Mineral Museum in suburban Portland, Oregon and a long time collector who has been an active member and officer of many local clubs. She is currently in charge of FM publicity and media relations.

Nelson Shaffer is a past president of the Friends of Mineralogy and is its liaison with the American Geological Institute. He is a geologist with the Indiana Geological Survey, is active in FM's Midwest Chapter and is a field collector in that region.

Gloria A. Staebler is a current member of the national Board of Directors of FM and serves as the organization's Secretary. She is also Editor of the national FM Newsletter. She received her B.S. in mathematics and computer science from Wesleyan University. Gloria was an active member of her local mineral club (Lapidary and Mineralogical Society of Central Connecticut) serving first as newsletter editor, then as the club's Vice-President. In 2001, she and husband Günther Neumeier bought the English-language rights to the German mineralogical monograph series *extraLapis*. Together they edit and publish the *extra-Lapis English* series.

Allan R. Young is a professional engineer with extensive experience in mining operations. He is currently employed by the Bureau of Land Management, in Boise, Idaho as a mining engineer. Allan has evaluated over 200 mining properties, managed the development and construction of a \$24-million underground silver/gold mine and metallurgical plant in Nevada, has worked in Colorado, California and Utah on similar projects, and has overseen mining operations in Peru and Argentina. Allan is an avid mineral collector, specializing in silver minerals, Tsumeb specimens and Idaho species. His thumbnail collection numbers about 1,000 specimens. He is a Mining Engineering graduate of the University of Wisconsin - Platteville (1972), and he looks forward to working on the FM Board.

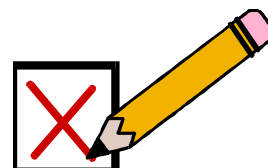
The above nominees have all expressed their willingness to serve on the Board of Directors, if elected. A ballot for the election of directors is included with this report for publication (facing page); to be completed by members and mailed prior to February 1, 2005, to the Secretary of FM, Gloria Staebler, PO Box 263, East Hampton, CT 06424.

Respectfully submitted,
Sharleen Harvey, Anthony Nikischer, and Art Soregaroli
FM Nominating Committee

Choose Your Directors

BALLOT FOR ELECTION OF FRIENDS OF MINERALOGY NATIONAL DIRECTORS 2005 *(vote for five)*

- Ray Grant
- Sharleen Harvey
- Nelson Shaffer
- Gloria Staebler
- Allan Young
- (Other) _____ (Other) _____



Mail by Feb. 1, 2005: Gloria Staebler, FM Secretary, PO Box 263, East Hampton, CT 06424

The Pseudomorph: Part II by Si & Ann Frazier

The following is the second installment of a series of articles on pseudomorphs that will appear from time to time on these pages. The authors maintain the article's copyright and should be contacted directly for reprint permission.

Werner can reasonably be credited with the first recognition of pseudomorphs, even though his former student Estner was the first to actually publish the concept which Werner had designated as *Afterkristalle*.

Werner had divided the mineralogical world into two parts: true crystals (*wesentlich*=essential, fundamental, or characteristic) and *Afterkristalle* (=pseudomorphs). The *wesentlich* crystals owed their crystal form to their own powers of crystallization whereas *Afterkristalle* had usurped the crystal form of a preexisting, honest *wesentlich* crystal.

In 1815 Johann August Friedrich Breithaupt (1791-1873), a student of Werner, who subsequently taught mineralogy at Freiberg from 1813 to 1866, published the first monograph on pseudomorphs: *Über [sic] die Aechtheit [sic] der Kristalle (Concerning the genuineness of crystals)*.

Breithaupt, however divided the crystallographic realm into three parts. Breithaupt proposed (*ibid.* 11) a third class of crystal, which he called the *verwandelten* (changed or transformed) or *metamorphischen* class. Breithaupt was referring to altered or changed composition—not crystal form. He explained that such crystals

did not fit well into either of Werner's classes, instead they fit somewhere in between. This third class "is distinct because the *masse* [the basic components] and the crystal form remains the same, but the material, through mighty chemical effect has changed. A totally new substance has now appeared in the place of another. The original substance has just been altered, without effecting the form." As examples (*ibid.* 12) he cited *Braunseisenstein* (limonite or goethite) after *Schwefelkies* (pyrite). Other examples he gives are *Grünerde* (an archaic synonym of celadonite and glauconite) after *augite*; *Steinmark* and *Porzellanerde* (both are archaic terms usually referring to clays such as kaolinite or halloysite) after *feldspar* etc. Breithaupt goes on to say that "overall this third class represents one of the rarer phenomena of the mineral kingdom." In other words, they are alteration pseudomorphs.

First Use of the Term Pseudomorph in English

We consulted that nonpareil of dictionaries, the *Oxford English Dictionary*, affectionately known to those in its thrall as the *OED*. Among other tidbits of fascinating but usually rather useless information, it tells one when and by whom the word was first used in print. When we checked the *OED* for first usage of pseudomorph we were a bit shocked to find that the mighty *OED* god finally showed an ever so slight splash of clay on its feet. It

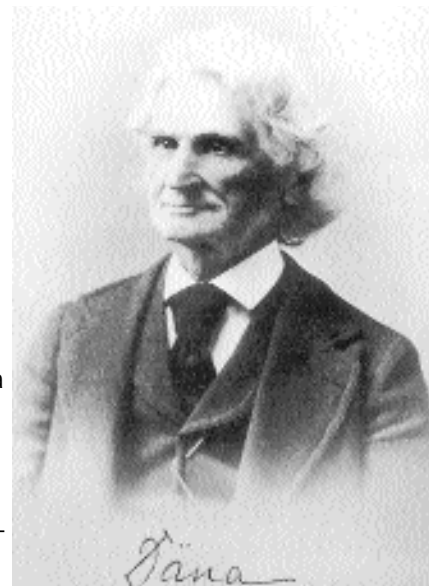
cited Dana's *Geology* 1850 as a first use of the word pseudomorph in a modern mineralogical sense, and the "Edin. Rev. III (1804) p. 299 as the first use of the cognate pseudomorphique" (which nicely enough, referred to "pseudomorphique crystals of quartz"). However, in the 1837 first edition of his *System of Mineralogy* Dana discussed pseudomorphs on pages 41 and 42. He even gave a good quotable definition: "A pseudomorphous crystal, is one which possesses a form that is foreign to it, and which it has received from some other cause, distinct from its powers of crystallization."

It would appear that the *OED* credits the right guy but the wrong book and the date is late by 13 years. 1837 is one of the most important dates in the history of American science. It was in that year that the 24 year old Dana published the first edition of the first major internationally-recognized, scientific work by a native born American.

We are surprised and perplexed as to why the *OED*, which we have always thought of as the ultimate arbiter of the history and use of English words, would have skipped or ignored this earlier use of the term pseudomorph. It is not as if the *A System* is at all obscure. It went through 6 editions in the last century and became the undisputed "Bible" of

mineralogists.

An 1819 page 8th edition of has recently been published. Unfortunately, it is only a repository of descriptive information of minerals species. It is no longer the general



repository of mineralogical information that the entire mineralogical world applauded when the young Dana put the United States onto the world's science map. Of course, general mineralogy books are the victims of the enormous success of the science of mineralogy. It is no longer possible to put the most important parts of the science between the covers of one book. Nevertheless, young James Dwight Dana's enormous accomplishment should be acknowledged by the *O.E.D.* and, of course, by all pseudomorph collectors. The first three editions contained highly important information that strongly influences our conception of pseudomorphs to this day.



Friends of Mineralogy
2240 S. Adams St.
Denver, CO 80210-4912
RETURN SERVICE REQUESTED

WE'RE ON THE WEB!

WWW.FRIENDSOFMINERALOGY.ORG

FM Dues Increase



When paying your dues this year, please keep in mind that dues to belong to National FM chapter increased to \$11.00 on January 1, 2005. Chapters will now contribute \$6.00 per member to the national chapter. Your local chapter may or may not pass this increase on to you.

HELP WANTED!!

Enthusiastic volunteers are needed to man (or woman) the FM information booth at the TGMS. Please consider spending two hours sharing your interest in mineral collecting. Our booth is between the Mineralogical Society of America and the Canadian Mineralogical Society booths, and volunteering is a great way to meet interesting people.

A sign-up sheet will be available at the social and general meetings or you may sign-up by the Lapis booth in the lobby of the InnSuites hotel to volunteer. You may also drop by the booth in the entry hall of the TGMS after it opens on Thursday morning.

Southern California Chapter Report *by Jennifer Rohl*

The Fall Mineral Locality Symposium was held at the Riverside Municipal Museum on Saturday, October 23, 2004. We had a record attendance of over 60 people from the surrounding area to learn about minerals from the Northern Peninsular Range Province. The speak-

ers covered topics about rock and mineral resources in Riverside County, the history of mining at Cajalco, Clintonite from Crestmore, hydrothermal deposits in the Salton Trough, mineralogical relationships between pegmatites and host rocks in the Northern Peninsular Range,

new discoveries at the Fano Mine and mineral species diversity in the Cryo Genie Pegmatite. Five display cases, set up by members and presenters, showed off some of the more spectacular specimens found in the Province. On Sunday over 40 people joined us on a field

trip to the Fano mine where rose and smoky quartz, aquamarine, mica, schorl and albite were found in the dumps.

On March 20, 2004, The SCFM will hold its spring symposium which will highlight California calcite.