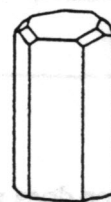
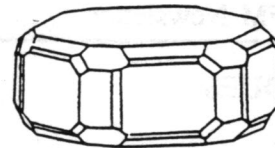


FM friends of mineralogy

affiliated with the mineralogical record



METAVAUXITE
 $\text{Fe}_2\text{Al}_2(\text{PO}_4)_2(\text{OH})_2 \cdot 8\text{H}_2\text{O}$



FLUORAPATITE
 $\text{Ca}_5(\text{PO}_4)_3\text{F}$

FM Newsletter

October, November, December 1994

PRESIDENT'S MESSAGE

Friends of Mineralogy Socials—We have had several requests to have FM meetings at shows that are not in "the west." Beau Gordon, FM board member, has arranged with the dealers association and show sponsor, Martin Zinn, to host a social at the 1995 Springfield Show. For those who attend the Tucson Show there will be a social at the Executive Inn, on Wednesday, February 8, 1995 sponsored by the Arizona Mineral and Fossil Show. There will be free beer, beverages, and snacks for FM members and prospective members—wear your FM badge, or stop at the table for a name tag. Friends of Mineralogy Annual Meeting will be held on Saturday, February 11, 1995, at the Tucson Convention Center Turquoise Ballroom from 5:00-6:00 pm. Don't miss the Saturday night festivities. The annual meeting will be followed by a silent auction, and a very good buffet at 7:00 pm (yes, some convention center food is really good—at least it was the last two years), and then the annual auction. Check the show program for final details and times.

Werner Lieber, FM member from Heidelberg, Germany, has donated \$1000 to Friends of Mineralogy. I am sure that all members of FM will be just as delighted and honored to be the recipient of his generosity as I was when I received his letter. As most of you know, Werner is one of the finest mineral photographers in the world today, and anyone who subscribes to the *Mineralogical Record* has undoubtedly seen his name. He is the author of numerous books and mineral calendars. The money will be used in a special fund or

project, which will be announced in the next newsletter.

By the time you receive this newsletter you should have received your FM membership directory. If you have not, please contact the FM secretary, Nelson Shaffer. The new information you entered onto the membership data sheets is provided in a separate table in the back for those members who submitted their sheets. There is also a list of the Dealers Association Members who will provide FM members with a discount. We all need to thank Regina Aumente Modreski for the hours of hard work that she put into assembling the data into a dbase III+ file (including all the new membership data sheets) and formatting the directory itself. Mike Kokinos should also be included in the thank yous for keeping the membership files updated over the past two years. We are considering putting out an annual membership directory, but the board of directors will need to consider the cost at the upcoming Board of Directors meeting. Any comments on the matter would be welcome.

Hope to see you all at the social hour and annual meeting. Members of the board of directors are counting on each of you to attend the annual meeting if you are in Tucson. We need your input.

★ Karen Wenrich, President

NOTES FROM THE TREASURER

Kudos' to the Chapter Secretaries and Treasurers for their assistance in helping clear up the membership records.

DUES

Seems like your Treasurer does nothing but ask for money. National members please note that the 1995 dues are due and will be delinquent March 1. Please send your \$10.00 to Mike Kokinos, 4620 Doe St., Shingle Springs, CA 95682-8478.

BYLAWS

Jessie Hardman has been appointed by President Wenrich as chairperson for a bylaws committee. Jessie is the person who put a lot of effort into producing amendments. Unfortunately, the old bylaws practically prohibited adopting the amendments. Your Treasurer will work with Jessie.

If you have any recommendations for changes to the bylaws send them to Jessie Hardman, 4759 Blackthorne, Long Beach, CA 90808 or to Mike Kokinos.

★ Michael Kokinos, Treasurer

SECRETARY'S SCRATCHINGS

The year was productive for Friends of Mineralogy and I hope you all found the newsletters useful. Thanks to Mike Kokinos and Regina Modreski an updated and expanded directory was made. Directories were mailed in late December so if you have not received your copy please contact me.

The FM symposium schedule is given on page 6 and the annual meeting will be held on Saturday at the Convention Center. Plans are underway to have FM events at other shows.

Thank you for all the excellent contributions and for your comments. You still have time to vote for FM Directors by sending me the ballot from the last newsletter. Best wishes for a wonderful New Year!

★ Nelson Shaffer, Secretary

FM RECEPTION

Martin Zinn has agreed to host an informal Friends of Mineralogy reception to be held at the Executive Inn during the Tucson Show. Mr. Zinn and other members of the FM Dealers Association will underwrite the event. The reception is planned for Wednesday evening, February 8, 1995, from 5:00 to 6:30 p.m. (see page 7).

Mr. Zinn has also agreed to host an informal reception for the Friends of Mineralogy at the East Coast Gem & Mineral Show, held in West Springfield, MA, in August 1995. This reception will be held Saturday, August 12 at 6:00 p.m. at the show site, The Eastern States Exposition Hall in West Springfield, MA. Mr. Zinn will advertise this meeting in his promotional material. We hope to see you there!

★Beau Gordon, FM Dealers Association

CHAPTER NEWS

Colorado Chapter

The Colorado group met October 13 at the Denver Museum of Natural History. Bruce Geller presented a program about "The other interesting minerals of Boulder County" as a follow up of his earlier program about tellurides. FM activities at the Denver show were reviewed including displays and booths for mineral identification and children's activities. Ray and Eloise Berry, Bill Chirnside, Howard Bachman, and Chauncy Walden entered specimens in competitive exhibits. Bill Chirnside won the Prospectors Trophy for his Antero bertrandite and Howard Bachman was awarded the Best of Species category for a Lakewood pyrite. Volunteers were sought for offices and for show work. The newsletter alerted members to proposed rules about biodiversity and road closings that could negatively affect collecting.

Richard Hughes spoke about rubies and sapphires of Southeast Asia and Montana for the November 10 meeting. The Minerals of Colorado project is near

completion with a target of late January. Discussion was held about publication mechanics.

Program Chair, Ed Raines, presented the program at the December 16 meeting. He spoke about the Lake City Mining District. The Chapter continued to learn details of the publishing business. Robin Wright, Bill Weller, and Ray Berry were appointed to study Chapter by-laws and make recommendations for assuring compliance with current operating procedures. As with most chapters 1995 dues are now due. Announcements of a position at Michigan Technological University, a seminar about mining museums of the World, and a meeting about planetary impact events were presented in the Chapter newsletter.

Great Basin Chapter

The Third Annual Great Basin Mineral Symposium was held October 15 and 16. In addition to traditional FM and Clark County Heritage Museum support the Las Vegas Gem Club and Nevada Gold Searchers chipped in with help. The Symposium was very successful with a large increase in attendance over that of last year and fund raising allowed a donation to the museum. Several members attended the Searles Lake trip and obtained excellent hanksite specimen.

The group changed its meeting place for 1995 to the Vegas High School as arranged by Jerry Anderson. A guided trip to Topaz Mountain on November 15 yielded bixbyite, red beryl, and pseudogarnet in addition to several fine topaz crystals.

The group has initiated a project to describe the history and mineralogy of the Goodsprings District beginning with a trip to the Mount Patosi bad-zinc area. Their project was prompted by the possibility that the area will be withdrawn for wilderness area and if so would be closed to public collecting. The area is thought to contain 200+ mines or prospects. Dues were reduced to \$10 and are due in January. The December meeting featured a "Chinese Gift Exchange."

Midwest Chapter

Vern Swanson, charter member, presented the November 13 program by giving a behind-the-scenes guided tour of mineral and fossil collections of the Indiana State Museum. Vern helped found the Midwest group and has selflessly contributed to its growth and to many mineral studies and displays in Indiana and elsewhere. The meeting also saw election of new officers. Three-term President Hal Roepke and Secretary/Treasurer Sylvia Sicree stepped down. Fred Lewis was elected as new President; Al Sicree was re-elected as Vice President and Program Chair; Mike Davis was re-elected as Vice President for field trips; and Kim Greeman assumed responsibilities as Secretary/Treasurer. An updated membership list appeared with the October newsletter. An outreach program was established to encourage teachers to attend field trips. Trips were planned for Bluffton and Duff, Ohio and a possible trip to Amerstburg, Ontario, was discussed. Fred Lewis designed a new logo to reflect the regional sweep of membership. Pat Westby and Linda Spaulding set up the group's display of geodes at a show in Fort Wayne, Indiana. It was announced that long-time member Shirley Allen planned to sell her mineral collection.

Pacific Northwest Chapter

The group's November meeting featured a special showing by Jack Frasl at his store, Earthlight Minerals, in Kirkland. President John Cornish, presented a thorough summary of the group's 1994 Symposium on Morphology of Calcite Crystals. Graphic descriptions of Symposium display cases were provided by Ray Lasmanis. In addition to an excellent slate of talks the Symposium featured eighteen display cases including a doubly-terminated 175 pound calcite crystal from the Elmwood (TN) Mine. Symposium items including T-shirts and symposium papers can be ordered from Ray Lasmanis, 155-800 Sleater Kinney SE, Lacey, WA 98503.

Robert J. Smith of Seattle University was presented a group's Noble V. Witt Memorial Outstanding Service Award. He has served the Chapter and the national FM for more than 20 years and chaired the Chapter's first symposium and again in 1976, 1977, 1978, and 1988. He keeps the Pacific Northwest locality data register and has served on the board of directors for the national FM and in various positions for the Chapter for more than ten years performing president duties from 1978 to 1984. Congratulations for an honor well deserved.

An alert to the September theft of mineral and fossil specimens from Carleton College, Northfield, Minnesota (507-633-4401) was issued. The newsletter included an article about zeolite uses. The group set a date of August 11 to 13 for their sixth annual Washington Pass clean up and September 22-24 for their 21st annual Mineralogy Symposium in Tacoma.

Pennsylvania Chapter

Juliet Reed hosted the Board of Directors meeting on November 12. Heyward Wharton, Roland Bounds, and George Rambo were nominated to replace out going board members Bill Yocom, Tania Brice, and Bill Lorah. Paul Lazar and Juliet Reed were nominated as additional members. Board members Arnold Mogel, Marge Matula, and Jay Lininger volunteered to continue. Arnold Mogel assumed duties of Treasurer from Tania Brice who is moving and Heyward Wharton took her place on the Grant Committee. Marge Matula agreed to continue as Membership Chair. Several proposed activities were discussed. An innovative idea for a mineralogical community calendar for 1995 was suggested. Sounds like a good idea so that activities do not conflict. The Board also decided after initial review to consider a manuscript for possible publication. The next meeting will be the Open House at the Department of Geology at Bryn Mawr on February 25. The Chapter newsletter began a serialized article about dumortierite and two possibly new Pennsylvania minerals from Chester County. A nice summary of the magazine "Matrix," a journal about the history

of mineralogy that is produced by FM member Jay Lininger (717-4432-7201) and containing contributions from several members concluded the Fall newsletter.

Southern California Chapter

The Group's October meeting was held at the San Bernardino county Museum in conjunction with the Museum's Mineral Symposium. Speakers for the November Symposium were confirmed and details of handling speakers were divided between Bob Reynolds, Tish Hunter, and Bob Housley. The group decided to set out brochures at the MSSC Show. It was agreed that Jessie Hardman would draw up descriptions for chapter jobs as part of a discussion of by-laws. A committee to develop ideas for outreach activities was formed by Bill Rader, Garth Bricker, Tish Hunter, and Gene Reynolds. Gene Reynolds reported a bit about the Denver Show. A discussion of the Locality Committee activities was given in the October newsletter along with a schedule for the November Symposium. The November meeting was at the "Pasadena" Show at the Glendale Civic Auditorium on November 13.

FM DEALERS ASSOCIATION UPDATE

New additions to the FM Dealers Association should be noted.

Sharon Cisneros
Mineralogical Research Co.
15840 East Alto Vista Way
San Jose, CA 95127-1737
408-923-6800

Bruce Geller
Geoconcepts Unlimited
700 Vista Lane
Lakewood, CO 80215

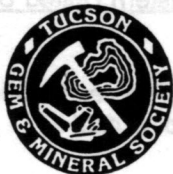
★ Beau Gordon, FM Mineral Dealers Association

40th Annual TUCSON GEM & MINERAL SHOW

Feb. 10th - 13th, 1994

TUCSON CONVENTION CENTER

Downtown Tucson
So. Granada Avenue Entrance



SPECTACULAR EXHIBITS of mineral specimens from the world's finest museums and private collections. Gem, jewelry, lapidary, fossil and fluorescent mineral exhibits.

PROGRAMS AND LECTURES by eminent curators, mineralogists and hobbyists.

COMPETITIVE EXHIBITS

Open to all - including the Paul Desautels Trophy for the "best minerals in the Show"; Lidstrom Memorial Trophy for best single specimen entered in competition. Junior, Novice, Advanced and Master classes for minerals, fossils and lapidary.

BEST OF SPECIES - Native Silver and Silver Bearing Minerals

Write for information and Exhibit Rules.

MEETINGS AND SYMPOSIA

- * Neal Yedlin Memorial Micromount Symposium
- * Photography Seminar
- * Meet the Authors Hour
- * Symposium on Silver- sponsored by Friends of Mineralogy, Mineralogical Society of America & TGMS
- * Great Saturday night program

JUNIOR EDUCATION TABLE

Open Friday afternoon through Sunday. Members of the Society of Earth Science Students, Univ. of Arizona will demonstrate simple identification methods and children get a "hands on" experience and mineral samples to take home.

RETAIL MINERAL DEALERS

Offer superb selections of the finest available specimens for beginning and advanced collectors.

LAPIDARY, GEM, JEWELRY, FOSSIL & EQUIPMENT DEALERS

Select from large stocks of gem and gem rough, cutting rough, jewelry & jewelry findings and lapidary supplies.

DEMONSTRATING ARTISANS

SHOW POSTER Featuring Silver

PUBLISHERS & LITERATURE DEALERS

Leading trade publishers, mineral & hobby literature.

WHOLESALE ROOM

Entry limited to bona fide retail dealers in mineral, gem, fossil and lapidary fields. Registration at door only. Admission ticket required.

SHOW HOURS

Thurs. and Fri.: 10am - 7:00pm
Sat.: 10am - 6:30pm Sun.: 10am - 5pm

ADMISSION

\$ 3.00 per day. Children 14 yrs. and under FREE with paying adult. Tickets available at all TCC outlets.

Free Official Programs available at door.

1995 Show - Topaz (Feb. 9-12)

1996 Show - Calcite & Fluorescent Minerals (Feb. 8-11)

Tucson Gem & Mineral Show Committee
P.O. Box 42543 Tucson, AZ 85733
(602)322-5773 FAX (602)322-6031

SATURDAY, FEBRUARY 11

10 am - 3:20 pm 16TH ANNUAL MINERALOGICAL SYMPOSIUM

Sponsored by Friends of Mineralogy, Tucson Gem & Mineral Society, and Mineralogical Society of America.

Introductory Remarks:

Beau Gordon, Symposium Co-Chair

Robert Cook, Symposium Co-Chair

10:00 am The Occurrence of Topaz in Northern New England Pegmatites : Carl A. Francis and Lawrence C. Pitman, Harvard Mineralogical Museum, 24 Oxford Street, Cambridge, MA 02138

10:20 am The Occurrence of Topaz in the Southeastern United States : Robert B. Cook, Department of Geology, Auburn University, Alabama

10:40 am Colorado Topaz : Peter J. Modreski and Thomas C. Michalski, U.S.G.S., Mail Stop 905, Box 25046, Federal Center, Denver, Colorado 80225

11:00 am Notes on the Occurrence of Topaz in Idaho : Lanny R. Ream, P. O. Box 2043, Coeur d'Alene, Idaho 83816-2043

11:20 am Topaz from the Sawtooth Batholith, Idaho : Michael A. Menzies, #28, 1901 Varsity Estates Dr. N.W., Calgary, Alberta, Canada T3B 4T7

11:40 am Blue Topaz Occurrences in the Pegmatites of the Peninsular Batholith, San Diego County, California : Jesse Fisher, 380 Pennsylvania Avenue, San Francisco, CA 94107

12:00 - 1:00 LUNCH BREAK

1:00 pm Pink Topaz from the Thomas Range, Juab County, Utah : Foord, E. E.; Chimsides, W.; Lichte, F. E.; and Briggs, P. H.; U.S.G.S., Mail Stop 905, Box 25046, Federal Center, Denver, Colorado 80225

1:20 pm Topaz Rhyolites in Arizona and the Southwest : Donald M. Burt, Department of Geology, Arizona State University, Box 871404, Tempe, AZ 85287-1404

1:40 pm Topaz and Beryl-bearing Gem Pegmatites of the Alabashka - Mursinka - Adui district, Ural Mountains, Russia : Peter Lyckberg, Box 25147, S-400 31 Göteborg, Sweden

2:00 pm Geology and Occurrence of Well-crystallized Topaz : Michael A. Menzies, #28, 1901 Varsity Estates Dr. N.W., Calgary, Alberta, Canada T3B 4T7

2:20 pm Where's the Proton? Symmetry and Structure Variations in Topaz : Paul H. Ribbe and Susan C. Eriksson, Department of Geological Sciences, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061-0420

2:40 pm Topaz: Environments of Crystallization, Crystal Chemistry, and Infrared Spectra : Foord, E. E.; Jackson, L. L.; Taggart, J. E.; Crock, J. G.; and King, T. V. V.; U.S.G.S., Mail Stop 905, Box 25046, Federal Center, Denver, Colorado 80225

3:00 pm Items of North American Mineralogical and Gemological Note During 1994 : Michael Grey, P. O. Box 727, Missoula, MT 59806

★ Beau Gordon, Symposium Co-Chair

Friends of Mineralogy

Minerals * Mineralogy * Collecting Sites

Collectors * Dealers * Professionals

The Friends of Mineralogy

Invites YOU to a

Friends of Mineralogy Social

Wednesday, February 8, 1995

Executive Inn, Tucson --

5:00 to 6:30 PM

Free Beer, Beverages and Snacks

sponsored by

Arizona Mineral & Fossil Show



**Come and meet dealers, friends,
and collectors. Learn about and
join the Friends of Mineralogy**

FM Newsletter

Published Quarterly By: Friends of Mineralogy, Inc., affiliated with the *Mineralogical Record*.

Subscription: Included in annual membership fee. \$10.00 national members

Editor: Nelson Shaffer, Secretary, FM

530 Cabot Ct., Bloomington, IN 47408

Letters to the Editor: All letters should be sent to The Editor at the address above.

Friends of Mineralogy, Inc. 1994 Officers

Elected board meeting, Tucson, AZ, February

President ■ Karen J. Wenrich

63 S. Devinney St., Golden, CO 80401

303-278-1574, FAX: 303-278-1218

Vice President ■ Richard W. Thomssen

P.O. Box 1656, Carson City, NV 89702

702-246-3711

Secretary ■ Nelson Shaffer

530 Cabot Ct., Bloomington, IN 47408

812-855-2687, FAX: 812-855-2862

Treasurer ■ Michael Kokinos

4620 Doe St., Shingle Springs, CA 95682

916-677-9333

Board of Directors Until February 1995

Peter J. Modreski ■ 8075 W. Fremont Drive, Littleton, CO 80123

Anthony Kampf ■ 12923 Warren Ave., Los Angeles, CA 90066

Marie Huizing ■ 5341 Thrasher Dr., Cincinnati, OH 45246

Steven C. Chamberlain ■ 105 Academy St., Manlius, NY 13104

Patricia Barker ■ P.O. Box 810, Campton, NH 03220

Al Kidwell ■ 14403 Carolcrest, Houston, TX 77079

**Nelson Shaffer ■ Secretary, FM
530 Cabot Court ■ Bloomington, IN 47408**

Address Correction Requested

Until February 1996

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Michael Kokinos ■ 4620 Doe St., Shingle Springs, CA 95682

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Nelson Shaffer ■ 530 Cabot Ct., Bloomington, IN 47408

Richard W. Thomssen ■ P.O. Box 1656, Carson City, NV 89702

Until February 1997

Joel Bartsch ■ One Hermann Center, Houston, TX 77030

Beau Gordon ■ PO Box 6214, Rome, GA 30164

Mike Groben ■ 1590 Olive Barber Rd., Coos Bay, OR 97420

Van King ■ PO Box 90888, Rochester, NY 14609

Marcelle H. Weber ■ 1172 W. Lake Ave., Guilford, CT 06437

Karen J. Wenrich ■ 63 S. Devinney St., Golden, CO 80401

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Great Basin ■ B. Hurley 1917 Oakleaf Lane, Las Vegas, NV 89102

Midwest ■ F. W. Lewis, 137 Audubon, Carmel, IN 46032

Pacific Northwest ■ John Cornish 40 Cedar Glen Lane, Port Angeles, WA 98362

Pennsylvania ■ A. Mogel RR1, Box 151M, Mohrsville, PA 19541

Southern California ■ Robert Reynolds 220 S. Buena Vista St.,

Redlands, CA 92373

Affiliations

Mineralogical Society of America

Liaison: Gene Foord ■ 906 Cole St., Golden, CO 80401

The Mineralogical Society of Australia

c/o CSIRO Division of Mineral Chemistry

P.O.B. 124, Port Melbourne, Victoria 3207, Australia

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