NEWS LETTER DATA LOST IN THE MAIL

Please excuse the make-shift appearance of this issue of the News Letter. The materials that were sent to the printer were lost in the mail and so the material has been put together as quickly and as accurately as possible so it will be out before our annual meeting at Tucson in February. You will really appreciate Carolyn Jones' contribution after enduring this.

PRESIDENTS MESSAGE

For those of you planning to attend the Tucson Gem and Mineral Show in February, you will not want to miss the symposium on Azurite and other Copper Carbonates, sponsored by Friends on Mineralogy, the Tucson Gem and Mineral Society and the Mineralogical Society of America. This outstanding program was put together and will be conducted by Dr. Karen Wenrich. The symposium will be held on Saturday, February 16th from 10:15 to 1:00

The last few years these symposia have been on the subject of the current species mineral of the show. They have generally been well-attended, however, we are under no obligation to continue this policy. If you have strong feelings on this point, please send in your suggestions.

The project that I have personally been involved in this year involves 'recreational' or 'scientifíc' mineral collecting on public lands. There has been a general feeling that our access to these collecting areas is being threatened and that we need to be vigilant to protect our rights. The present situation is well summarized in a letter from Congressman Bill Archer, in answer to my questions about any national policy on the subject. 'Basically, BLM considers rock and mineral collecting to be an acceptable recreational activity, as long as it is in no way connected to any commercial activity. However, different BLM regions may have their own regulations. Also, there are no set federal guidelines regarding rockhounding in National Forests. You will have to contact the BLM or National Forest regional offices in order to obtain any regulations pertaining to mineral collecting in particular areas.'

We will continue to collect any information concerning new regulations or policies affecting non-commercial collecting on public lands.

I have recently made contact with a relatively new organization, The Western States Public Lands Coalition, P.O. Box 4346, Pueblo, CO 81003, organized to counter the overly active and reactive national environmental lobby which may threaten many public land uses, including our access to public lands for prospecting and mineral collecting. I will have a petition and additional information at Tucson for those who feel strongly about this subject.

We will continue with this watch-dog approach and will issue any information we receive on actions or regulations affecting non-commercial mineral collecting on public lands during the coming year. We will also appreciate the input of our members.

Al Kidwell

ANNUAL MEETING OF FM MEMBERS

The 21st Annual Meeting of Friends of Mineralogy will be held on Saturday, February 18th in a room to be announced in the Tucson Show Program. Activities of the past year and actions taken by the Board of Directors will be presented. We are counting on each chapter having a representative present a report of the activities of their chapter.

The 12th Annual Mineralogical Symposium

The 12th annual Mineralogical Symposium sponsored by FM, the Tucson Gem and Mineral Society and the Mineralogical Society of America will be held on Saturday morning, February 16, 1991 in conjunction with the Tucson Gem and Mineral Society Show. The topic is: Azurite and Other Copper Carbonates. The symposium will give introductory remarks followed by: Azurite and salachite: chemically and structurally related minerals, Dr. Paul H. Ribbe and Dr. Susan C. Erickson; Malachite from Arizona, Newly County, Arizona, Robert W. North; Azurite and other copper carbonates in northern Arizona solution-collapse breccia pipes, Dr. Karen J. Wenrich; Azurite, a Comparison of their morphologies at Bisbee, Arizona and Grant County, New Mexico, Richard W. Graeme; New Mexico azurite Ramon S. DeMark; Habits and haunts of azurite microcrystals, Da Behnke.

PENNSYLVANIA CHAPTER

The Pennsylvania Chapter had their annual Swap and Sell on September 22, 1990 at the pavilion in Cooper-Smith Park in West Chester, Pennsylvania. Copies of the 1990 Spring Symposium are available by mail for $2.00 from: Juliet C. Reed, 336 Rockland Road, Wayne, PA 19087. This guide features the history of the Pickering Creek Graphite mines, Chester County, Pennsylvania and a review of the geology of the Honeybrook Upland.

William (Bill) Vose was given a Life Membership Award by the chapter at the banquet concluding the Spring Symposium. Bill has been active in Pennsylvania Mineral Activities including Curator of Mineral Collections at West Chester State University, President of the Pennsylvania Mineral Society, Founder and past-president of West Chester County Rockhounds, and is on the Board of Directors of the Friends of Mineralogy Pennsylvania Chapter.

PACIFIC NORTHWEST CHAPTER

In August the chapter sponsored a combination collecting and clean-up trip in the Okanogan National Forest. Trash was picked up at Cutthroat Creek, Silver Star View Point, the big switchback below Early Winter Spire, Washington Pass, Blue Lake Trailhead, and the Rainy Pass area. After a half day of trash collecting the group collected the talus slopes and cuts along highway 20 from Washington Pass to Cutthroat Creek where minerals occur in th a rvedsonite granite. Some nice specimens were collected.


SOUTHERN CALIFORNIA CHAPTER

The Southern California Chapter of FM had its annual meeting at the Mineral Society of Southern California Show in Pasadena on November 25, 1990. They sponsored a symposium at the show with five speakers lecturing on the topic: Tips and Techniques for the Practical Mineral Collector.
INLANDIA CHAPTER

Twenty-eight people made the chapter's field trip to the Doe Run Lead Mine in the Viburnum area of Missouri. The trip was underground, with a short period for collecting, and through the mill was high light of the trip. Also visited was the Flat River Mineral Museum (see article by Al Kidwell, Mineral News, v. 6, November 1990), Elephant Rocks State Park, the Potosi Area and the dumps of the iron mines at Pilot Knob. Membership in this active group stands at 53 in November 1990. They meet at the Indiana State Museum, 202 North Alabama Street, Indianapolis, Indiana.

CHARLES MILTON, 4/1890 to 10/199

Although Charles Milton retired from the U.S. Geological Survey in 1955 at the age of 69, he remained active in mineralogical work until his death. The son of Polish immigrants, he arose from the ghettos of New York and Chicago to become a world renowned mineralogist. He is probably best known to collectors for his work on the minerals of the Green River Shale (Mineralogical Record, 1977, v. 8, 368-379). In recent years he had been active in the studying the minerals of Arkansas, particularly at Magnolia and Potash Sulphur Springs. He was an active participant of the Coon Creek Association which meets every Fall to study and collect Arkansas minerals. It was always a special treat to have him address the group and tell of a project he had or was working on. Usually it was presented as a story which held your interest through the talk. Although Charles did not collect minerals except for study, he always said he preferred collecting people. His many friends will surely miss him.

COMMENTS ON AL KIDWELL'S ARTICLE ON THE FUTURE OF COLLECTING ON PUBLIC LANDS

Specifically, I address the problem of damage to the surface of digging and mining activity. In general, the approach to this problem must be on the basis of climatic conditions at the site. In the places where the rainfall is likely to erode further any openings made into the spoil, the Appalachia and then only in certain areas of steeper terrain, then the operators should insure that sufficient terracing is installed to retard erosion and permit natural vegetation to reseed and grow, or even to reseed the area by a pound or tow of something lake fast-growing ryegrass. If the product of the mining is crushed or broken rock the problem may be non-existent and all that is required is some judicious leveling and a bit of soil scattered on the rocks to promote seed intraperitoneal and rapid growth.

In this connection, the point must be made that often such ground disturbances promote rapid vegetation growth as is clearly evident by traveling along roads in such places as Arizona where flowers and plants grow on the dirt mounds and not elsewhere. Also, in New England and in other places in the East, broken rocks in places like pegmatite quarries commonly provide foot holds for trees which grow in them at rates that are surprisingly fast, eg, as in the Gillette Quarry and many other openings. It does not take long for a quarry dump to be covered by brush and then by trees.

One may therefore argue that in certain circumstances disturbance of the ground is actually beneficial, providing the net result is not an eyesore or chemically contaminating.

The greatest danger, however, occurs in those sparsely-vegetated regions covered by camparrel. It takes forever for the damage to heal naturally, and considerable care must be taken to prevent rain erosion. I have in mind an area right behind my own house near the Pacific Ocean where a bulldozer at least 10-12 years ago, in attempting to create a fire-barrel, ran his blade straight down the hill through the local sediments. The first winter rain after he piled up the cut, and even now, it remains unseeded and only becoming worse with each rainfall. Fortunately for rockhounds, most often nothing of interest occurs in such terrain, except for fossils, and the problem simply does not arise.

John Sinkankas
San Diego, California

THE FM NEWSLETTER

From its title the purpose of our newsletter is quite obvious. However, news of FM can not be dispersed to our membership if it is not received by the National Secretary. So please, Chapter Presidents or Secretaries, forward these and any other news items to me. Many members of FM are not affiliated with any local chapter and this newsletter is their only contact with FM and their only way to keep up with FM activities and news.

Also welcome from all or any member of FM are your ideas, comments, suggestions and even criticisms of FM activities, policies and items in this newsletter. These can certainly create interest and liven up an otherwise possibly dull publication.

With the help of Carolyn Jones and Keith Abernathy in Denver, this newsletter has the appearance of being first-class. Lacking is vital FM information, news and activities to fill its pages. It is not the secretariat job to create items to fill it. It is YOURS to use to communicate with other FM members and share common interests.

Art Smith, Secretary

DUES ARE DUE AND MANY ARE OVERDUE

As all members should know by now, if you are a member of an FM Chapter, they collect your dues and send $3.00 of it to the National Treasurer. This usually works pretty well. However, National Members not affiliated with a chapter are expected to send their dues directly to the National Treasurer, Dick Thomassen, P.O. Box 1658, Carson City, NV 89702. With no one prompting you it is very easy to forget whether you have paid your dues. FM policy is to drop members who are more than one year in arrears. The Treasurer is a busy person and does not have time to send out notices, so this may be the last issue of the Newsletter you will receive if your 1990 dues have not been paid. Although dues are still $7.00 a year, many people just send in $10.00 and we encourage this.
1991 NOMINATIONS FOR MEMBERS OF FM BOARD OF DIRECTORS

MIKE GROBEN (1590 Olive Barber Road, Coos Bay, OR 97420), is a Past President of FM and is currently a Director. He is a charter member of FM and is a Past President of the Pacific Northwest Chapter and Past Chairman of the Chapter's Symposium. Under Mike's leadership, the Mineralogical Record Index, Vol. 1-14, was compiled and published, and he was one of three members who indexed Vol. 15 through 20. He has been a mineral collector for 45 years. He works for Coos Head Timber Co. as Chief Forester.

ROBERT W. JONES, B.A.M.S. (3520 No. Rose Circle Dr., Scottsdale, AZ 85251) is a long time member of FM and currently a Director. He is an author and frequent contributor to popular mineral magazines. Bob was Teacher of the Year (Scottsdale) in 1987 and is a member of Phi Delta Kappa. He belongs to Tucson Gem and Mineral Society, Mineralogical Society of Arizona (life member), Scottsdale Gem and Mineral Society, Maricopa Lapidary Society and FOMS. Bob worked on the Mineralogical Record Index. Since his retirement, he has devoted his time to photography, speaking and writing.

BERNARD L. MUROCHICK (2428 Hollingsworth Hill Ave., Lakeland, FL 33803) was employed as Geologist and Mineralogist with International Minerals and Chemical Corp. from 1950 to 1986 when he retired as Chief Mineralogist. He attended the University of Missouri, Colorado School of Mines, and received his SB, Physical Sciences (1948) and SM, Geochemistry, in 1949, from the University of Chicago. His affiliations include Mineralogical Society of America, Mineralogical Association of Canada, and Society of Economic Geologists. He has co-authored several papers related to phosphate mineralogy and borate mineralogy. He is currently a Consulting Mineralogist and owner of Mineral Concepts Co.

BETTY TLUSH (1202 Perion Dr., Belen, NM 87002) is a member of the Pennsylvania Chapter of FM. She has had an interest in minerals for over 25 years and is a co-owner of a mineral dealership. Betty has worked with the New Mexico Institute of Mining and Tech., and the New Mexico Bureau of Mines on the N.M. Mineral Symposium. She is a member of the Mineralogical Society of Pennsylvania, Albuquerque Gem and Mineral Society, has served as Secretary of FM and is a Director.

MARCELLE H. WEBER (1172 West Lake Ave., Guilford, CT 06437) has served as President of the New Haven (Conn.) Mineral Club (Life Member Award), and is a Past President of the Stamford (Conn.) Mineralogical Society. She is a charter member of FM, worked on the Mineralogical Record Index, served as Secretary, Vice-President and President. She currently writes the FM page for the Mineralogical Record. She is a member of FOMS, the Russell Society (UK), TCMS, and the Micro-mounters of New England, among others. She received a BS in Bus. Adm. from Indiana University in 1940.

KAREN J. WENRICH (63 S. Devlinney St., Golden, CO 80401) attended three years of high school in Niederbaden, Germany. From there, she attended The Pennsylvania State University, where she received her PhD in geology in 1975. Since then she has worked for the U.S. Geological Survey in Denver, Colorado. She has been studying uranium and base metal deposits in solution-collapse breccia pipes in the Grand Canyon region of Arizona— the Grandview mine is such a pipe. She is author of over 110 U.S.G.S. and independent journal publications and abstracts. She organized and ran the 1990 and 1991 FM-MSA-TCMS mineral symposia in Tucson.

1990 BALLOT FOR ELECTION OF F.M DIRECTORS

Six Directors will be elected from the following highly qualified candidates. Please vote with an "X" next to the names of the Candidates of your choice. There is a space for write in votes and you are free to use it for another candidate of your choice.

Please return your ballots to the F.M. Secretary, Art Smith, 9118 Concho, Houston, TX 77036 before February 13, 1991. The results will be announced at the annual F.M. meeting in Tucson on Saturday, February 16, 1991. You may use a photo copy of this ballot.

VOTE FOR ONLY SIX DIRECTORS

☐ Mike Groben
☐ Robert W. Jones
☐ Bernard Muochick
☐ Betty Tlush
☐ Marcelle H. Weber
☐ Karen J. Wenrich
Friends of Mineralogy

FM Newsletter
Published Quarterly by: Friends Of Mineralogy, Inc., affiliated with the Mineralogical Record.
Subscription: Included in annual membership fee.
Editor: Art Smith, Secretary, FM
9118 Concho, Houston, TX 77036
Letters to the Editor: All letters should be sent to The Editor at the address above.
Typesetting/Production: Courtesy of Carolyn Jones and Keith Abernathy (Denver, CO, 303-759-3101)
Printing: Copy Cat (Denver, CO, 303-777-8864)
Copyright ©1990 Friends of Mineralogy, Inc.

Friends of Mineralogy, Inc.

1990 Officers
Elected board meeting, Tucson, AZ, February 9, 1990.
President: Al Kidwell
14403 Carolcrest, Houston, TX 77079 (713) 497-1066
Vice President: Arlene Handley
800 NW 72nd Street, Vancouver, WA 98665
Secretary: Art Smith
9118 Concho, Houston, TX 77036 (713) 774-1689
Treasurer: Richard W. Thomassen
P.O. Box 1656, Carson City, NV 89702.

Board of Directors
Until February 1991
Russell Boggs
19 3rd St., Cheney, WA 99008
Gene Foor
906 Cole St., Golden, CO 80401
Mike Groben
1590 Olive Barber Rd., Coos Bay, OR 97420
Robert Jones
3520 N. Rose Circle Dr., Scottsdale, AZ 85251
Betty Tull
1202 Peron Dr., Belen, NM 87002
Marcelle Weber
1172 W. Lake Ave., Guilford, CT 06437
Until February 1992
Richard Hauck
8 Rowe St., Bloomfield, NJ 07003

Jay Lininge
Blair Mtn. Rd., Rt. 2, Dillsburg, PA 17019
Peter J. Modreski
8075 W. Fremont Dr., Littleton, CO 80123
Al Kidwell
14403 Carolcrest, Houston, TX 77079
Anthony Kampf
12923 Warren Ave., Los Angeles, CA 90066
Marie Huizing
5341 Thrasher Dr., Cincinnati, OH 45247
Until February 1993
Raymond Lasmanis
Morse Merryman Rd., Olympia, WA 98608
Kay Robertson
10334 E. Lake Ave., Los Angeles, CA 90064
Dan Behne
2981 Lanterman Rd., Northbrook, IL 60062
Richard W. Thomassen
P.O. Box 1656, Carson City, NV 89702
Arline Handley
6160 Highway 99, Vancouver, WA 98665
Art Smith
9118 Concho, Houston, TX 77036

Regional Chapter Presidents

Colorado: D. Kyle
333 Salem St., Aurora, CO 80011
Great Basin: T. Daugharthy
5275 E. Camino Rd., Las Vegas, NV 89118
Indiana: R. Edlu
5235 Hartford Ave., Columbus, IN 47203
Pacific Northwest: R.A. Harris
38646 Rotschy Rd., Yacolt, WA 98675
Pennsylvania: A. Mogel
2503 Village Rd., Orwigsburg, PA 17961
Southeast Michigan: (In-Active)
Southern California: J. Bartsch
California State Mining and Mineral Museum
P.O. Box 1192, Mariposa, CA 95338

Affiliations

American Federation of Mineralogical Societies
Liaison: D. Caudle
1248 E. Prince, Tucson, AZ 85719
The Mineralogical Record
Tucson, AZ
Mineralogical Society of America
Liaison: Gene Foor
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

Art Smith ■ Secretary, FM
9118 Concho ■ Houston, TX 77036

First Class Mail

Drawings from Goldschmidt's Atlas der Krystalformen.