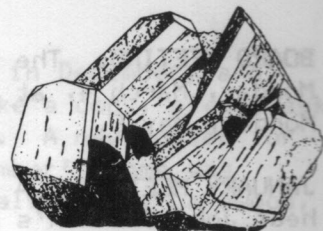


FM friends of mineralogy colorado chapter

NEWSLETTER - MARCH 1985
No. 1 for 1985



President - Pete Modreski, 8075 W. Fremont Dr., Littleton, CO 80123 978-9926
 Vice-president - Tom Michalski, 1651 Adams, Denver, CO 80206 320-5386
 Treasurer - Dan Kile, 333 Salem, Aurora, CO 80011 341-0135
 Secretary - Jack Murphy, Geology Dept., Denver Museum of Natural History,
 City Park, Denver, CO 80205 370-6355
 Board members - Jim Hurlbut, Mark Jacobson, John Muntyan

MARCH MEETING: Thursday, Mar. 14, 1985, 7:30 pm, 3rd floor meeting room, Denver Museum of Natural History. Program:

A LOOK AT THE 1985 TUCSON GEM & MINERAL SHOW

led by Barbara Muntyan

featuring slides, specimens, and stories

In what has become a tradition in the past few years, Barbara will lead a discussion about what was new at this year's Tucson show. The program will feature her own color slides of mineral displays at the show; but all other members who took photographs at the show are encouraged to bring them in, add them to our slide tray, and share in the narration. We will have the usual glass display case available in our meeting room, and you are also invited to bring in any specimens of special interest obtained in Tucson, and to give the group any background information you care to share about them. Feel free also to bring in any new books or other mineral-related items. We hope to include in the program a brief report on the FM-MSA Tucson mineral symposium, and on some of the other lectures given at the show [these included Mike Madsen on "A short mineralogical/geological visit to the U.S.S.R."; Ed Raines on "History and mineralogy of the Creede district, Colorado"; Joe Taggart on "Minerals of the Hansonburg district, N.M."; and Dennis Belsher on "Huanzala, Huanuca, Peru"].

AUCTION!—May 9, 1985 For the third year, we will have an auction of mineral specimens and related items at our May meeting. The work on the new "Minerals of Colorado" volume is not yet complete (it is approaching the final stages of turning the first draft of the manuscript into a finished draft), and the funds we can raise will still be needed, to help with manuscript typing and, possibly, to subsidize color plates or other features of the volume. Start thinking about items to donate for the auction, and tell your friends about it; non-FM-members are welcome to attend, and this has come to be a lively, entertaining occasion for all concerned—and a chance to buy some very good specimens.

 * * * * DUES! * * * *

If you have not yet paid your dues, please do so as soon as possible; dues are \$10, payable to Friends of Mineralogy, Colorado Chapter, c/o Dan Kile, 333 Salem, Aurora, CO 80011. Dues will be delinquent after the end of March; prompt payment will insure that you will be included in the 1985 membership roster.

BOARD MEETING: The Colorado Chapter March board of directors meeting is being held Monday, March 4, at Jack's office at the Museum. The next board meeting is planned for Monday, May 6.

JANUARY MEETING: A large and enthusiastic crowd met in the Museum's West Auditorium to hear John Shannon's presentation on "Minerals of Gilpin County--an Historical Approach". John gave a very interesting account of the history of the mining area around Central City, illustrated by maps and photographs of the area, the mines, and its mineral specimens.

TREASURER'S REPORT The following financial report for the year 1984 has been submitted by our current treasurer, Dan Kile:

Balance at beginning of year, Jan. 1, 1984 \$ 1578.88

Income:	auction, May 1984, to raise funds for the Minerals of Colorado Update	\$ 1816.00
	dues.....	610.00
	donation from Ute Gem and Mineral Soc., for Minerals of Colorado Update.....	100.00
	donation from Leona Withers.....	50.00
	misc.....	72.41
	total income	\$ 2648.41

Debits:	dues to National FM (\$3/member).....	\$ 270.00
	return of auction proceeds to sellers donating 50% of selling price to FM...	226.00
	newsletter and stationary.....	136.20
	dues to Rocky Mountain Federation and Colorado Federation of Gem and Mineral Societies.....	123.75
	donation to National FM to help pay for printing of MR Index.....	100.00
	misc. operating expenses.....	79.08
	symposium (Sep. 1984) expenses.....	64.96
	refreshments at meetings.....	32.90
	correction to 1984 balance (unaccounted error in records).....	20.00
	total expenses	\$ 1052.89

Year end balance, Dec. 31, 1984..... \$ 3174.40

Supplemental Report, through Feb. 26, 1985:

Balance as of Jan. 1, 1985..... \$ 3174.40

Income:	dues.....	\$ 350.00
	donations for refreshments at January meeting.....	12.71
	total income	\$ 362.71

Debits:	manuscript typing for Minerals of Colorado Update.....	\$ 486.00
	refreshments, January meeting.....	50.70
	stationary.....	94.10
	total expenses	\$ 630.80

Balance as of February 26, 1985..... \$ 2906.31

MEMBERS: An interim membership list was prepared by Barbara Muntyan in December, and copies of it were available at the January meeting. If you would like a copy, please ask for one at the March meeting, or call or write the chapter secretary. A new roster for 1985 will be prepared and will be available in April or May. One member's name was inadvertently omitted from the Dec. 1984 list: Howard Bachman, 411 Balsam St., Lakewood, CO 80226; 232-7070. We welcome four new members to FM:

Glenn H. Allen, 6192 So. Grant St., Littleton CO 80121; 798-7226

Ira Pasternak, 648 Garfield, Denver, CO 80296

Jerry Simpson, 825 E. Arkansas, Denver, CO 80210

Mary L.W. Townsend, 6922 Frying Pan Road, Boulder, CO 80301

Our chapter now has approximately 96 members. Regarding members, Jack Adams has moved to Albuquerque, New Mexico; his new address is:

Jack Adams, 525 Chamiso Lane, N.W., Albuquerque, N.M. 87107.

We understand that member Nick Golosow, having spent most of a year in Korea with the U.S. Army, will be returning to Denver this spring.

1985 SYMPOSIUM: This year our chapter will sponsor its 4th annual Mineralogical Symposium at the Denver/Rocky Mountain Federation Gem and Mineral Show. The Denver Show will be Sep. 13-15; the symposium will be on Sunday, Sep. 15. Jim McGlasson will be the program chairman for the symposium; if you have suggestions about speakers or would like to volunteer a talk, please contact Jim (972-0376). The general theme for the symposium will be new finds of minerals in Colorado and adjacent states; we'll have a more exact phrasing of this title later. As one part of this program, Keith Williams has offered to lead a discussion on "new mineral finds in Colorado"--patterning this after a "what's new in minerals" discussion which is a regular feature of the Rochester, N.Y. mineral symposium.

COLORADO PEGMATITE SYMPOSIUM 1986: Plans for our next year's symposium are now more specific: it will be held May 30-June 2, 1986--a weekend plus additional activities on Friday and Monday. Our plan is to have a session of relatively broad-interest talks about Colorado pegmatite localities and minerals on Saturday, May 31, preceded by an additional day of talks that may be somewhat more technical in nature, on Friday, May 30. The two days of papers will, we hope, provide a good incentive for mineralogists and collectors from outside Denver or out-of-state to come here for the symposium, while for those local people who can only attend on the weekend, the majority of talks of more general interest will be given on Saturday. On Sunday we will hold a field trip to some Colorado pegmatite locality, and on Monday--for those who can stay and take part--we will arrange another trip. An announcement about the symposium is attached to this newsletter; please feel free to make copies of it, and show it to your friends and colleagues. Copies of the announcement were taken to the Tucson Show and it was first "unveiled" there; we hope you'll plan to attend, and please contact us if you may be able to present a talk at the symposium.

CHAPTER MEMBERSHIP CARDS AND STATIONARY: Thanks to some help from Frank Khaus, we have had new FM-Colorado Chapter membership cards printed, plus stationary with the chapter logo (the FM symbol and the drawing of the amazonite cluster); a sheet of the stationary has been used as the title page of this newsletter. Membership cards will be coming to all of you in the near future.

NEW BOOK Pages of Stone, by Halka Chronic, is the first in a planned series of books about National Parks; its subtitle is "Geology of Western National Parks and Monuments, 1., Rocky Mountains and Western Great Plains". It includes both color photographs and a well-written text; Halka Chronic, of Boulder, Colorado, is well known for her popular books about the geology of Colorado, including Roadside Geology of Colorado (1980) and Prarie, Peak and Plateau (1972, with John Chronic). Pages of Stone (softcover, 168 p., \$14.95) is published (1984) by The Mountaineers, Seattle, Wash.

DENVER COUNCIL OF GEM AND MINERAL SOCIETIES Our chapter is one of eight Denver area clubs which constitute the Denver Council; the Council's major annual activity is to host the Denver Gem & Mineral Show in September, and to decide on the distribution of any profits from the show to other non-profit institutions. In the past few months, Pete Modreski, as the representative from FM, has attended several special meetings of the Council, called to resolve some problems in its affairs. Briefly, because the Council inadvertently failed to file corporate reports with the State of Colorado for about the past four years, the incorporation of the Council was dissolved as of January, 1985. Work is now in progress to 1) re-file incorporation papers; 2) see that a proper audit is made of the Council's financial records for the past several years; 3) see that the Council is properly registered with the IRS as a non-profit organization, and determine whether any tax returns need to be filed for the past year or years; 4) revise and update the Council's by-laws and operating procedures, and have these approved by all the member organizations; and 5) elect new officers (or reaffirm the existing officers) of the reorganized Council for 1985. One or more copies of the proposed, revised Denver Council by-laws will be available for your inspection at our March 14 FM meeting; please call one of the chapter officers if you want to see a copy but cannot be at the meeting.

FIELD TRIPS... As a follow-up to the summary in our last newsletter of suggested places for an FM field trip, here is a report on places to which local gem and mineral clubs have gone on field trips during 1984. This is based mainly on the newsletters from 5 clubs, supplemented by some personal information on 2 more; it is more-or-less complete for these clubs, and gives what is provides an interesting description of where groups have been going to collect minerals and fossils (there's quite a variety of locations):

Beaver Brook-Floyd Hill area (pegmatites)	Garden Park, near Canon City (agate, fossils, di. bone)	Silverton area
Blue Forest, Wyoming (agate)	Glendo, Wyoming (2)	South Platte River, Denver (petrified wood)
Boulder ("old mine dumps")	Goethite Hill	staurolite areas, N.M. (2)
Boulder/Ward (fluorite)	Grand Junction (2)	Stoneham (3)
Calumet mine		Summitville, Colo.Fed.trip
"Canon City area"	Harding mine, N.M. (2)	Tarryall Mtns. (4)
Cheeseman Reservoir pegmatite claim	Harris Park pegmatite claim	Topaz Mtn., Utah (2)
Colorado River raft trip	Hartsel, Colo.	
Creede/Wagon Wheel Gap (agate, fluorite, barite)	John Reid mine	Walsenburg (sharks' teeth, septarian concretions)
Creede, Last Chance & Commo-dore mines (agate, amethyst)	Kiowa (petrified wood)	
"Crystal Peak" (2)	Leadville	Wamsutter/Delaney Rim, Wy. (agate, petrified wood)
Dakota Hogback area	Marble, Colorado	
Devil's Head (4)	McCoy area (marine fossils)	
"East-central Utah" (dinosaur bone)	Mount Antero (4)	Westcliffe/Wetmore area (ammonites, pyrite, galena)
Farson, Wyoming (fossil fish & petrified wood)	"Mystery trip" (Front Range)	
Florence cement quarry (pyrite)	"Northwestern Wy. & Montana" (dryhead agate, etc.)	
"Front Range calcite crystals"	North Table Mtn.	
	Pegmatites near Golden	
	Ruby Mtn. (3)	Willow Creek, near Creede (chrysoprase, turquoise)
	Saguache-Cochetopa (agate)	
	St. Peters Dome (3)	

NEW BOOK: Pages of Stone, by Halka Cronin, is the first in a planned series of books about National Parks; the subtitle is "Geology of National Parks and Wildernesses". The book is written in a popular style and includes photographs and maps. It is published by The Mountaineers, Seattle, Wash. (1984) and is available for \$11.95. Pages of Stone (softcover, 168 p., \$11.95) is published by The Mountaineers, Seattle, Wash. (1984) and is available for \$11.95.

NATIONAL FM NEWS New FM directors elected by mail ballot for 3-year terms, Feb. 1985-Feb. 1988, are Russell Boggs, Gene Foord, Mike Groben, Robert Jones, Betty Tlush, and Marcelle Weber. FM national officers elected in Tucson for 1985 are Pete Modreski, president; Ray Lasmanis, vice-president; Marcelle Weber, secretary; and Arnold Hampson, treasurer. In addition to these, Don Zowader has agreed to be the FM membership chairman. Recipients of two FM awards were announced: the award for the most outstanding article published in the Mineralogical Record during 1984 was given to George W. Robinson and Steve C. Chamberlain, for "The Sterling Mine, Antwerp, New York"; and the FM award for the best paper submitted by a student for presentation at the FM-MSA Symposium was given to Thomas J. Campbell of the South Dakota School of Mines, for "Phosphate Minerals From the Tip Top Pegmatite and Some New Phosphates From the Black Hills, South Dakota".

THE MINERALOGICAL RECORD INDEX, VOLUMES 1-14, 1970-1983 FM's new cumulative index to the Mineralogical Record, has been published and was first put on sale at the Tucson Show. It is available for \$20, postpaid, from the Mineralogical Record. This 246-page volume contains a wealth of information about all descriptions of minerals, localities, and other subjects that have appeared during the 14 years of the Record's existence. Although sales are being handled by the Record, the book was published by Friends of Mineralogy, and profits will be split between the Record and FM; FM's share will be used to make possible other, future projects.

A NEW PHOTOGRAPHIC TECHNIQUE is "scanning light photomacrography", which makes it possible to obtain photographs of objects or specimens with almost infinite depth-of-field. A narrow beam of light is slowly scanned across the surface of the object, so that every part of the surface is kept in exact focus as the photograph is exposed. In a system now being marketed (the Dynaphot, of the Irvine Optical Corp, Inc.), the sample is actually moved up and down, while the illumination sources (two beams of light, on opposite sides of the sample) are kept stationary. This kind of system can produce photographs (in color if desired) similar to those which are obtained on a scanning electron microscope, though it is limited to magnifications of about 45X. The possibilities for extremely sharp-focus photographs of mineralogical specimens are tremendous; however, the system does cost several thousand dollars. For more information, see an article in Photomethods, Nov. 1984, v. 27, no. 11.

COMING EVENTS

- Mar. 7-10 "Rockhound Round-up", Deming, New Mexico
- Mar. 16-17 Albuquerque Gem & Mineral Club Show, Albuquerque, N.M.
- Mar. 29-31 Fort Collins Rockhounds Show, Lincoln Center
- Apr. 19-21 "International" Gem & Mineral Show, Sheraton-Denver Tech Center
- Apr. 5-7 South Central Federation Show, Wichita Falls, Texas
- Apr. 18-21 Rochester Mineralogical Symposium, Rochester, N.Y.
- May 9 FM-Colorado Chapter bimonthly meeting
- May 10-11 Boston Mineralogical Symposium (Boston Mineral Club)
- June 8-9 Grand Junction Gem & Mineral Club Show, Two Rivers Plaza
- June 14-16 Wyoming State Mineral & Gem Show, Cheyenne, Wyoming
- June 18-21 Midwest Federation Show, Sioux Falls, S.D.
- June 20-23 American Federation Show, Charleston, W. Va.
- July 26-28 California Federation Show, Ventura, Calif.
- Aug. 2-4 Northwest Federation Show, Burley, Idaho
- Aug. 9-11 Colorado Federation "Contin-tail" rock swap, Buena Vista
- Sep. 13-15 Denver/Rocky Mountain Federation Gem & Mineral Show
- Sep. 19 FM-Colorado Chapter bimonthly meeting
- Oct. 19-20 Mineralien Tage Munchen, Munich, West Germany
- Nov. 9-10 New Mexico Mineral Symposium, Socorro, N.M.

FUTURE MEETINGS: FM meetings are normally held on the 2nd Thursday of every other month (no July meeting). Dues are \$10/year.

'Rock Hounds' Claim Officials Delaying Mineral Guidelines

By NANCY WEST
Sunday News Correspondent

NORTH CONWAY, Dec. 8 — A group of New Hampshire mineral collectors are continuing its battle against the United States Forest Service.

In a letter to U.S. Sen. Gordon Humphrey, Louis Dondero charged former White Mountains National Forest Service Director James Jordan with covering up problems between the Forest Service and state rock hounds. Dondero, who owns and operates Dondero's Rock and Mineral Shop in North Conway, worked for the federal government as a geologist for 30 years.

Dondero wants Humphrey's office to investigate how the Forest Service handled an incident that took place in July 1983 in the Saco District. Dondero wants to know also why Forest Service guidelines have not been updated as promised in a letter from Jordan to Humphrey's office dated October 24, 1983.

The incident in question involved the Saco District Ranger issuing a permit to a group of Massachusetts collectors, headed by Michael Haritos, to mine smoky quartz in a restricted area of Hale's Location in the National Forest. The mineral material to be collected was to be appraised at \$10 or less, according to the permit.

"That formation was easily worth \$10,000," Dondero claimed.

A group of 22 geologists met with then District Ranger Steve Parsons on the first day the group worked the permit advising him to halt the excavation until federal geologists could inspect the site. Local experts wanted the quartz preserved in the ground for local students and tourists.

Dondero described it as a once in a lifetime find. He and other geologists and mineral collectors believe the Forest Service ran rough shod over them and ignored their advice.

Dondero is also angry that Jordan's promise to seek public input on clarifying hobby prospecting rules hasn't occurred more than a year after the letter.

Said Jordan, "We have had nothing to cover up. What we have done is lay out the facts."

After the taking of the quartz

The central issue is to define who is a hobby collector and who is a commercial collector, and that's a difficult one to resolve, Forest Service staffer Dick Pierce said.

by the Massachusetts group and the public outcry that ensued, the Forest Service stopped issuing permits and admits it is still not sure who has the authority to issue such permits.

Dick Pierce, a Forest Service staff officer, said talks between the Bureau of Land Management and the Forest Service about which agency has the authority to dispense minerals on national forest land are continuing.

He said he expects that question will be answered in the next several months. At that time, the Forest Service will draft regulations on mineral collecting in the national forest and seek public comment.

Pierce said the rock hounds' concerns are not addressed specifically in the draft White Mountains National Forest plan currently open to a 120-day public comment period. Their comment is still important at public hearings because once the authority issue is settled regulations will be drafted.

Mark Aldrich, a Humphrey aide, said he had not received the letter from Dondero.

"If people are concerned with the way the Forest Service is responding to requests to develop regulations, we can take that up with the Forest Service," Aldrich said.

The central issue is to define who is a hobby collector and who is a commercial collector, and that's a difficult one to resolve, Pierce said.

"That has been mainly on the honor system," Pierce said.

The more zealous hobbyists, who move more soil and continue digging at a certain site, are in legal limbo, according to Jon Herndon of Brentwood. Hobbyists are allowed to collect in most of the national forest without permits, but commercial mining is closely regulated.

cial mining is closely regulated.

"If I dig a whole larger than a bushel basket I'm considered a commercial mining operation," said Herndon.

Herndon was recently acquitted in U.S. District Court of commercial mining on the national forest, but his collecting partner Frank Lavoie of Epping was found guilty in connection with the same excavation July 8.

Herndon said he is partners with Lavoie in two commercial mining ventures, but maintains their work in the national forest is strictly a hobby.

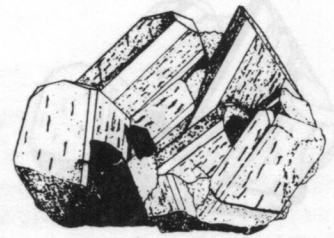
Along with Lavoie, who documented his complaints to Humphrey's office in October 1983, Herndon believes the regulations must be clarified.

Pierce blamed part of the delay developing guidelines on having to deal with two and three levels of two federal agencies. He also blamed the delay on the heavy work load faced by Forest Service personnel.

Before any guidelines are finished, interested parties will be contacted and public hearings held, Pierce said.

Here is another newspaper article about the New Hampshire mineral collectors who were arrested for "illegal mining". Apparently, one collector was acquitted and one was found guilty; this article implies that the decision was based on the size of the holes they each dug.

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colorado chapter



NEWSLETTER - MAY 1985
No. 2 for 1985

COLORADO PEGMATITE SYMPOSIUM * 1986

4 DAYS MAY 30 - JUNE 2, 1986
DENVER MUSEUM OF NATURAL HISTORY

MINERALOGY * PETROLOGY * GEOLOGY * GEOCHEMISTRY
HISTORY * MINING * MINERAL COLLECTING
FIELD TRIPS * BANQUET

Friday, May 30 1986 Session I technical topics
Saturday, May 31 1986 Session II general topics
Sunday, June 1 1986 Field Trip I
Monday, June 2 1986 Field Trip II (optional)

sponsored by Friends of Mineralogy, Colorado Chapter

organizers:

Jack A. Murphy
Geology Dept.
Denver Museum of
Natural History
City Park
Denver, CO 80205

Eugene E. Foord
U.S. Geol. Survey
Mail Stop 905
Box 25046
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Denver, CO 80225

Peter J. Modreski
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Box 25046
Federal Center
Denver, CO 80225

To receive future announcements about the symposium, return the part below:
I am interested in attending the Colorado Pegmatite Symposium * 1986:
name _____ (affiliation) _____
address _____

I might be able to present a paper at the symposium _____
possible topic _____

return to:
Denver Museum of Natural History • c/o Geology Department • City Park • Denver, Colorado 80205