



NEXT MEETING

"MINERALS OF TABLE MOUNTAIN"
Dan Kile

Thursday, March 12, 1987
7:30 PM
Denver Museum 2nd Floor

Dan Kile will be our speaker at the March meeting, giving a presentation on the minerals of Table Mountain. Dan has had an article accepted by The Mineralogical Record on this subject, and he has done a great deal of research in preparing the text. If you would like to know more about this famous zeolite locality, I know you will enjoy Dan's presentation.

THE TUCSON SHOW -- AND MORE

The weather was the best I've seen in almost 20 years of going to Tucson in February, and the show was probably the best-attended ever. While there were no great new finds of minerals, there were some very fine celestites from Madagascar, and huge pyrite clusters from Spain (would you believe 12-14" across?), and some truly incredible quartz specimens (quartz was the species featured this year). The prices haven't gotten any lower, but there was a large selection of high-quality specimens, as well as many books and other related items of interest to the mineral collector.

The Denver Show is going to feature fluorite as the species in 1987, and there is going to be a first: a show poster. The proofs have just arrived and are wonderful. The specimen is a green octahedral fluorite group on rhodochrosite from Silverton, in the collection of Marty Zinn. The photograph is by Harold and Erica Van Pelt, famed mineral photographers. Look for more information about the poster's availability soon.

REMINDER: DUES ARE DUE

The 1987 dues for both FMCC and National continue to be \$10.00 per person. Deadline for collection is the end of March. Please make your check payable to FMCC and send them to Chauncy Walden,

our new Treasurer. His address is: 5365 Leawood Drive; Littleton, Co. 80123. Please don't delay, or your name might not appear on our new membership list.

Starting Balance, 1/1/86 _____ \$ 3,489.78

PRECIOUS METALS SYMPOSIUM

A call for papers for the next FMCC symposium went out at Tucson. The symposium is scheduled for August, 1988. Anyone interested in presenting a paper of approximately 20-30 minutes should contact either Jim Hurlbut or Jim McGlasson, co-chairmen for the symposium. Flyers will be available at the FMCC meeting giving more information.

NATIONAL FM OFFICERS

The following individuals are serving as officers for National Friends of Mineralogy:

- Ray Lesmanis.....President
- Marcelle Weber.....Vice-President
- Al Kidwell.....Treasurer
- Betty Tlush.....Secretary

REPRINTING OF PEGMATITE SYMPOSIUM
ABSTRACT VOLUME

A second printing of the 160-page "Colorado Pegmatites" volume of abstracts and papers was undertaken in January, following approval of the expense at the Nov.1985 chapter meeting. 110 copies were printed at a total cost of \$800.00 (100 for general sales at \$15, plus 10 additional copies available to authors at cost). As of 2/24/87, approximately 30 copies have already been sold, including the filing of several orders placed this fall while the book was out of print; plus copies sold in Tucson for us by Rocks and Minerals (at no cost) and by Jim McGlasson. We plan to publicize the availability of the volume; sale of all copies printed should realize a profit of as much as \$700 to FMCC, less any expenses for mailing and advertising. This profit will be available for use in our other projects, such as the Minerals of Colorado volume.

Pete Modreski
Update Coordinator

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Report on Minerals of Colorado update project

At the January chapter meeting, I was appointed coordinator to keep FMCC informed of progress on the Minerals of Colorado volume. At this time, I would like to give a brief summary of the history of this project, and to report on its current status.

An update to Edwin B. Eckel's Minerals of Colorado: a 100-year Record (U.S. Geological Survey Bulletin 1114, covering the years 1858-1958 and published in 1961) was first conceived of by Jack Murphy and others between 1970-1975, and serious work on the update was begun around 1976, when the Colorado Chapter of Friends of Mineralogy was organized. The "Committee for the Planning and Development of Publications/Programs of the Colorado Chapter of the Friends of Mineralogy" proposed "as its primary undertaking the publication of 'Minerals of Colorado, 1958-1978' " as a 20-year update. The proposed title and scope of the book were subsequently expanded to "Minerals of Colorado, 1858-1980", and the present tentative title is simply "Minerals of Colorado". Numerous FM members helped collect information for the book, from the literature and about known localities and specimens in collections; there are now an estimated 4000 data cards of mineral occurrence information. The committee working on the update was headed by Eugene Foord as of about 1978. Actual writing of a first draft was begun in 1979 and finished in 1981; after completion of the original draft, subsequent work has refined some sections into second and third drafts, and has continued adding new information, and old but overlooked references, into the manuscript. The authors who have written or are now writing or rewriting sections of the manuscript are (in alphabetical order) Bob Cobban, Rick Collins, Ed Eckel, Gene Foord, and Jack Murphy. In about 1981, Jack Murphy obtained a tentative commitment for the Denver Museum of Natural History to publish the book, with the understanding that Friends of Mineralogy would furnish the manuscript but allow the Museum to retain all profits from the sale of the book. Over the past approximately 7 years, Rosalie Weedman has been paid (partly by FM and partly by the Museum of Natural History) to do typing of the manuscript.

The manuscript is currently on computer diskettes on an NBI word processor; it comprises an estimated approximately 1000 pages (double-spaced) covering approximately 700-800 separate mineral species. At present, a major need is to obtain an accurate breakdown of how much of the manuscript is in first draft, second draft, or third (final) draft form, so we can better estimate how much time (in man-hours and in calendar years) will be needed before it is all in final form, ready for checking by independent reviewers and ultimate printing. Jack Murphy has been asked to provide us with this type of status report, and we look forward to seeing it, either at the coming chapter meeting or soon thereafter. A rough evaluation of the state of the manuscript, made this past fall, suggested that the text on approximately half of the mineral species was "nearly" (90-100%) complete, about 1/4 of the species were somewhat more than 50% complete, and about 1/4 still needed considerable work (descriptions less than 50% complete). A tentative estimate, made at a board meeting this fall, is that completion of the manuscript will require approximately 1750 man-hours (= 1 man-year) of work, equivalent to 1 year of work by 4 authors each working 10 hours per week. As soon as we receive a more exact report from Jack on the completeness of the various mineral species, I will refine these estimates and continue to report on the progress toward completion.

Aside from the text itself, several other components of the book also need to be prepared; work on these should be started now, so that they can be ready when the text is. These include photographs; index maps of counties or sections of the state, showing major localities; and an update of the by-county list of major mineral localities that appeared in Bulletin 1114. Plans are to include a fairly large number of black-and-white photographs in the book, with possibly some in color. Barbara Muntyan has prepared (1985, with additions by Ed Raines) a suggested list of minerals that should be included among the photographs. To expedite completion of the book, work on the photos, maps, and locality list could be done by

others than the authors who are finishing the text. We are now assuming that matters of cost of printing, number of copies, type of photographic plates, etc., will be handled by the museum when they publish the book; but because of changing directorship and financial commitments at the museum, their willingness and ability to publish the book needs to be reaffirmed at this point in time.

I have no doubt that this book now in progress will be an excellent piece of work of which everyone in Colorado can be proud, and that it will be a first-rate contribution to the mineralogical literature. The manuscript, as it now stands, is really quite complete-looking and is in very good shape. With encouragement and assistance, I believe that the authors can get through the final hurdles and produce a finished manuscript, ready for review and printing, with about a year of additional work.

Our chapter's annual auction, held four times since 1983, has had the stated purpose of raising money to support the Minerals of Colorado project. The following summary of money raised and spent since 1980, prepared from 1981-1986 chapter treasurer's reports, shows that a total of \$6676 has been raised or donated for the update, of which \$4216 has been spent for manuscript typing, with the balance remaining in the chapter bank account.

| year | beginning balance | net income | auction net income | donations | manuscript expenditures | net other chapter income | ending balance |
|-------|-------------------|------------|--------------------|-----------|-------------------------|--------------------------|----------------|
| 1981 | \$ 1184 | - | - | - | \$ 1400 | \$ 356 | \$ 140 |
| 1982 | \$ 140 | - | - | \$ 100 | \$ 300 | \$ 218 | \$ 158 |
| 1983 | \$ 158 | \$ 1564 | - | - | \$ 480 | \$ 337 | \$ 1579 |
| 1984 | \$ 1579 | \$ 1590 | \$ 150 | \$ 150 | - | \$ -145 | \$ 3174 |
| 1985 | \$ 3174 | \$ 1938 | \$ 50 | \$ 50 | \$ 1566 | \$ -106 | \$ 3490 |
| 1986 | \$ 3490 | \$ 1284 | - | - | \$ 470 | \$ 1551 | \$ 5855 |
| total | | \$ 6376 | | \$ 300 | \$ 4216 | \$ 2211 | |

I plan to keep the chapter informed about future progress of the update via bimonthly reports.

Peter J. Modreski
Feb. 24, 1987

**Friends of Mineralogy
Colorado Chapter
Symposium**

MINERALOGY OF PRECIOUS METAL DEPOSITS

Call For Papers

Papers should be approximately 20 minutes in length for oral presentation to an audience of about 250 professional and semi-professional attendees. There will be both oral presentations as well as poster sessions. Papers should be concerned with the mineralogy of precious metal mines and districts, with first consideration to those located in Colorado. Papers of a general nature, as well as historical reviews of districts will be considered.

All authors will be required to prepare camera ready copy of an extended abstract well before the symposium. These extended abstracts should be about 6 - 8 pages in length and include: descriptive mineralogy, descriptive geology, history, a map, and illustrations. Additional specific information concerning the abstracts will be supplied to those authors whose papers are accepted.

The symposium is scheduled for late August 1988, to be held in Golden, Colorado, on the campus of Colorado School of Mines. Plans are to have two days of presentation sessions and two days of accompanying field trips. For convenience of participants the symposium will be held on Friday through Monday.

Interested authors MUST submit titles and a brief description of the contents by October 1987, as final selection of papers will be made by December 1987. Final text for those selected MUST be submitted by June 1988.

For additional information or submittal of titles and description contact either of the co-chairmen.

James A. McGlasson
7387 South Flower St.
Littleton, CO 80123
(303) 972-0376

James F. Hurlbut
622 Gardenia Ct.
Golden, CO 80401
(303) 279-7796

PAPER TITLE: _____
DESCRIPTION: _____

NAME: _____ ADDRESS: _____

PHONE: _____ ORAL: _____ POSTER: _____ EITHER: _____