

FRIENDS OF MINERALOGY - COLORADO CHAPTER
SUMMER MINI-NEWSLETTER • No. 4, 1993

MEET THE AUTHOR -- POT-LUCK DINNER SOCIAL

When? Wednesday, July 28; 6:00 p.m. - ?

Where? Pete & Regina Modreski's home, 8075 W. Fremont Dr., Littleton [east of Wadsworth Blvd., south of Coal Mine Ave.].

Why and What? Mark Jacobson, FM member and author of the newly-published *Antero Aquamarines*, is in town for a few weeks for his annual vacation-at-home. In order to give Mark and the FM membership a chance to meet each other and socialize, we are having an informal get-together, scheduled for the middle of the week to avoid conflicting with field-collecting.

Pete and Regina will provide hamburgers and hot dogs, and we are requesting folks who wish to attend to bring a dish to share -- salad, vegetable, or dessert. We'll be outdoors, weather permitting, so you might want to bring a few lawn chairs. Spouses/significant others and family members are welcome too, as are any friends who'd like to come who belong to clubs other than FM [but please do RSVP--see below!].

If you wish, bring along your copy of Mark's book for an autograph. This will also be an opportunity for you to pick up your copy(s) of the book if you reserved one through FM. We will also have some copies of the book available for purchase (softcover, \$19.95, hardcover, \$34.95) for those who did get in on the advance order through FM or the other clubs.

R.S.V.P. Please call Pete and Regina (978-9926), no later than Monday, July 26, if you plan to attend. We need to know how many hamburgers to cook! (Come at 6 or after; we'll start eating by about 7.)

Antero Aquamarines by Mark I. Jacobson, has been published (June, 1993) by L.R. Ream Publishing. The book, xvi + 126 p., 7x10", includes 18 color photographs and 90 black-and-white illustrations. The total press run, targeted to be 2000 copies (1800 softcover + 200 hardcover), came to 1894 soft plus 210 hard, totalling 2104. Publication was co-sponsored by the Colorado School of Mines Geology Museum (through a grant from the Greater Denver Area Gem and Mineral Council) and the Friends of Mineralogy, Colorado Chapter. Total cost of publication, shared equally by the two sponsors, was \$11,225.80. As per the publishing contract, proceeds from the sale of the book will be divided between the publisher (30%) and the two sponsors (35% each). Sales reported so far (through June 30) represent 208 softcover and 119 hardcover copies, for a stock remaining (less 47 softcover copies distributed without charge as per contract and 9 soft + 1 hard damaged copies) of 1630 softcover plus 90 hardcover. FM and CSM have each received a first-quarter payment from sales of \$1548.92.

Copies of the book may be purchased retail (\$19.95 soft, \$34.95 hardcover) from any book dealer who carries it (we encourage all of you to request your favorite rock shop or book dealer to stock the book), or by mail order from L.R. Ream Publishing, P.O. Box 2043, Coeur d'Alene, ID 83816-2043 (add \$2.00 S&H).

FMCC members who ordered copies of the book and cannot pick them up on July 28, may pick up the copies from Pete Modreski, or from FM at the Denver Show in September. Out-of-town FM members who sent extra money to have the books shipped to them, will receive their copy(s) by mail.

MEMBERSHIP LIST: An updated 1993 membership list is attached, prepared courtesy of Carol Smith. New membership applications received during the summer will be approved by our Directors as per FM by-laws at their next Board meeting.

BOARD MEETING: During the July 28 meet-the-author evening, we will briefly try to convene the chapter officers and directors for a quick meeting about timely business matters (such as approval of new membership applications).

UPDATE ON MINERALS OF COLORADO: Work continues on the Minerals of Colorado manuscript. The complete manuscript on computer disk, including introduction, text, bibliography, and appendices, is presently in the hands of Eugene Foord. Gene, with the able volunteer assistance of Shirley Mosburg, has been finishing the time-consuming task of insuring that all sections are in compatible format and rectifying obvious errors and inconsistencies. As soon as this checking-over is completed, the entire manuscript (800+/- minerals; 5 mb of disk space; 1500?? printed pages) will be printed out and delivered to the USGS for official review and approval, and to the Denver Museum of Natural History for discussion of publication arrangements. A photo committee consisting of Ray Berry, Ed Raines, Dan Kile, Jack Thompson, John Muntyan, and Chauncey Walden is continuing to target specimens for photography and take the photos; and Bill Chirnside and Jim Hurlbut are continuing to work on map preparation. We'll keep giving you updated reports.

THE MAY FM AUCTION was an enjoyable evening and a successful fund-raiser. Our thanks go to all those who supported it with specimen donations or purchases (and by bringing in refreshments); a complete financial report will be in the September newsletter.

FM EXHIBIT FOR DENVER SHOW - "COLORADO BERYL" As we reported earlier, the chapter has agreed to prepare an exhibit on "Colorado Beryl" for the show, and Neal Hinrichs has volunteered to coordinate the exhibit. At our July 28 evening get-together, we'll see if we can do a little planning about the exhibit; if you have specimens to offer for the exhibit, or ideas about organization, maps, graphics, etc. for it, please bring them to the meeting or talk to Neal (233-0790).

MINERAL IDENTIFICATION BOOTH will again be run by FM at the Denver Show. If you would like to help staff the booth, please call Pete Modreski (978-9926).

Please check the membership list and let us know about any errors in your name, address, or phone number!

Mineralogical Word Find (by Bill Smith) You all know how to do this--so have at it! (All the species, group, and varietal names are found in the latest Fleischer.) Answers are given at the end of this newsletter.

R E P P O C B C H L O R I T E
 A U D F P W G R A T O N I T E
 S Q B P A A A Q U A R T Z T X
 B E R Y L C R C Y R P O I L Q
 E I L O H I N I N C I B G E E
 S P O D U M E N E S M O P N N
 E T I T T O T S I U E M N I E
 T E Z D I E E T I O N N I P H
 C A L C I T E A M E T H Y S T
 N O H J I I E L I T U R A M S
 G E S A L C O H T R O K G Y R
 R U B E L L I T E P L P F I E
 U L D A B A X C E L S I A N P
 E K T V J N E T I E L O B Z Y
 T O U R M A L I N E T I L A H

FIELD TRIP DETAILS
FOR DENVER GEM & MINERAL SHOW - AFMS-RMFMS CONVENTION

Colorado School of Mines and Central City – Monday, September 13

When gold was discovered in Central City and Blackhawk 133 years ago, the surrounding area was known as the richest square mile on earth. Now these historic boom towns offer limited-stakes gambling. We have arranged a six-hour adventure for Denver Show visitors, to take place on Monday, September 13. The tour will depart in a luxury motor coach from the Merchandise Mart at 9:00 a.m., for the Mineral Museum at the Colorado School of Mines in Golden. The bus will then head up scenic Clear Creek Canyon to Central City. Tour directors will serve refreshments on the bus while tracing Colorado history. While in Central City, enjoy a little gaming, listen to Colorado music, and maybe strike it rich!

The tour cost is \$18.00 per person and includes a lunch buffet, complimentary drink, and \$10 in coin. Please enclose a check for \$18.00 per passenger made to **COLORADO CASINO TOURS**. You may make your reservations for this tour along with your Convention reservations, or at a later time, but prior to August 15 to be sure of a place on the tour.

Patch Mine, Central City – Monday, September 20

This will be a collecting trip on the dumps of this former gold mine. You can find many small well-formed crystals of quartz, galena, pyrite and sphalerite. You will need to provide your own transportation, although we will attempt to arrange carpools at the Show. Bring usual collecting tools and a lunch. The cost is \$5.00 per family, payable with your registration.

Phoenix Mine Tour – Tuesday, September 14

The Phoenix Mine is a family-owned working gold mine in Idaho Springs. The tour will include the opportunity to see drilling, blasting, and a working mill. You are welcome to picnic at the site and pan for gold, and will have the opportunity to collect a specimen of gold ore. If there is sufficient interest, we may arrange a tour of the Idaho Springs Historical Museum. Do not pay for this tour at this time, but please indicate if you are interested. You will need to provide your own transportation.

Dinosaur Ridge – Saturday, September 18

Dinosaur Ridge, outside the town of Morrison, is a section of the Dakota Hogback where the West's first dinosaur discoveries were made. The guided tour will reveal bones and dinosaur trackways in place, and will provide insights about other geological and natural features. The Morrison Natural History Museum features fossil displays, and has on loan some of the originally excavated bones that had been in storage at the Yale Peabody Museum for the last 130 years. The charge for this trip is \$3.00 per person, and you may sign up for it at the Show, but please indicate on this form if you are interested in attending.

Directions to all of these sites will be provided at the Denver Show.

I PLAN TO ATTEND THE FOLLOWING TRIPS (indicate number of people):

_____ Central City and Colorado School of Mines (\$18 in advance)

_____ Patch Mine (\$5 per family in advance)

_____ Phoenix Mine Tour (\$5 per person at the mine)

_____ Dinosaur Ridge Tour (\$3 per person day of tour)

THE DENVER SHOW is Sep. 16-19. From Judy Knoshaug, Show Committee - Club Liaison:

So what are you planning for the Denver Show this year? There are so many activities available. Since the show is four days this year instead of three you may have a chance to take in everything. Are you making a commitment to view all the exhibits, giving a demonstration for your club, going on a field trip, attending the Saturday night banquet, swapping in the swap area, attending some of the interesting talks or the RMFMS or AFMS meetings, examining all the dealers' wares, or volunteering in some capacity? See what I mean? We do hope you are volunteering in some way. It takes a lot of effort on everyone's part to put on this show. Please do your part and let's not leave the committee chairpersons wondering whether there will be enough workers to cover the different areas. If you haven't already done so, please sign up to help. If you do not know how to do this, contact your club representative. All volunteers receive a host badge and free admission to the show. In addition, there will be a worker appreciation dinner on September 25th. Sign-up for the dinner will be at worker check-in at the show.

If you are a Show Committee member or volunteer worker and you intend to camp in your RV at the Mart parking lot, there is no \$5 fee. However, you must fill out the reservation form and send it to Gloria Charette ASAP, and no later than August 15th. Be sure to state why you are exempt from the camping fee.

If anyone is interested in earning \$500 moving cases and other items to and from the show (much heavy lifting involved) contact Glen Johnson, 232-7147.

There will still be other information to share with you before the show. It will be coming through your newsletter or your club rep. So stay tuned. Thank you! --Judy Knoshaug

Several special events (a Saturday evening banquet, and field trips) are planned for the Denver/RMFMS/AFMS Show, for which you must register in advance; the attached sheet gives sign-up information.

The show, one of the best and biggest in the country, is your show and needs a lot of help to make it happen. We can use many volunteers to help during set-up on Tuesday, Sept. 14, during the show, and on Sunday evening tear-down. To volunteer to help, call FM show representative Jim Hurlbut (757-0283), or Regina Modreski (978-9926).

This year there will be six satellite shows in conjunction with the main show -- many of them will start on Tuesday. They include wholesale gem and jewelry shows in the Merchandise Mart Pavilion and at the Holiday Inn at I-70 and Chambers Road. Other shows are at the Holiday Inn, the Travelodge, the Regency, and the National Stock Show Complex. An auction to benefit the Denver Museum of Natural History and the Colorado School of Mines Museum will be held at the Holiday Inn Colorado Mineral and Fossil Show on Tuesday, from 5:00 to 7:00 p.m.

SPEAKERS - 1993 DENVER GEM AND MINERAL SHOW

Thursday: 3:00-4:00 - "Mosaics and Intarsia", Russell Kemp (Lizzadro Museum of Lapidary Art)

Friday: 4:00-5:00 - "The History of the Grizzly Bear Mine", Barbara Muntyan (Ouray County Museum)

Saturday: 11:00-12:00 - "The Sweet Home Mine: Fabulous New Finds of Rhodochrosite", Bryan Lees (The Collector's Edge)

1:00-2:00 - "Fossils of the Northern Rockies", Neil Larson (Black Hills Museum of Natural History)

3:00-4:00 - "The Red Beryl Mine", Rex Harris (Red Beryl Mine)

Sunday: 11:00-12:00 - "Greenland Minerals", Dr. Ole Petersen (Geological Museum, Copenhagen University)

1:00-2:00 - "Dinosaur Eggs from Mongolia", Thomas Bruciak (D & R Collection)

2:30-3:30 - "Sapphire Deposits of Montana", Lester Zeihen (Montana Tech)

**Friends of Mineralogy,
Colorado Chapter
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Ginny Mast
1171 Highpoint Circle
Golden, CO 80403

1993 Calendar

- Aug. 13-15 Contin-Tail rock swap, Buena Vista, Colorado
- Sep. 9 -- September FM meeting, VIP room, Denver Museum of Nat. History
- Sep. 16-19 Denver Gem and Mineral Show/American Federation Show
- Oct. 14 -- October FM meeting, Ricketson Auditorium, DMNH
- Nov. 11 -- November FM meeting, Ricketson Auditorium, DMNH
- Nov. 13-14 Fourteenth Annual New Mexico Mineral Symposium, Socorro, NM

* *FM-Colorado Chapter annual dues are \$13.00.* *
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* *All persons interested in mineralogy are always* *
* *welcome to attend our meetings or join the chapter.* *

Word List:

Amethyst	Chlorite	Hauyne	Pyrope	Stottite
Analcite	Copper	Hypersthene	Quartz	Talc
Beryl	Elbaite	Mica	Rubellite	Topaz
Biotite	Garnet	Opal	Ruby	Tourmaline
Boleite	Gold	Orpiment	Rutile	Umbite
Calcite	Gratonite	Orthoclase	Spinel	Zoisite
Celsian	Halite	Pinnoite	Spodumene	