

Friends of Mineralogy, Colorado Chapter Newsletter – August/September 2005

September Meeting – None this month

Denver Museum of Nature and Science – V.I.P. Room. Enter through the single door Security/Staff entrance to the left of the main entrance. The V.I.P. room is to the left through the cafeteria area.

September Program:

There will not be a general meeting or board meeting this month.

However,

**The Agate and Cryptocrystalline Quartz Symposium
cosponsored by FMCC**

**will be held on Saturday and Sunday, September 10 and 11
at the Green Center, Colorado School of Mines.**

See inside this newsletter for details.

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FMCC dues for 2005 are \$13.00, which includes membership in national Friends of Mineralogy. Please send your dues payment to: FM-Colorado Chapter, P.O. Box 5276, Golden CO, 80401-5276.

FMCC 2005 Officers:

President, Pete Modreski, 303-202-4766

Vice-President, Jack Thompson, 719-636-2978

Treasurer, Jim Hurlbut, 303-757-0283

Secretary, Richard Parsons,

Directors: Bill Chirnside (2005-06), 303-989-8748

Bruce Geller (2004-05), 303-237-2947

Paul Kendall (2005-06), 303-470-3261, & newsletter editor

Agate and Cryptocrystalline Quartz Symposium September 10 and 11

As shown in the flyer included in this newsletter, the Agate Symposium will have many interesting talks. FMCC, the USGS, and the CSM Geology Museum have arranged for these knowledgeable and far-distant speakers to talk with us, and the speakers have prepared informative presentations. Members of FM are encouraged to attend this rare event, to advise others of the symposium, and to bring other persons.

Call for Volunteers for the Agate Symposium Sept 10 and 11

FMCC is a cosponsor of the upcoming Agate Symposium (see enclosed flyer), and volunteers are needed to help with registration, refreshments, etc. If you can help during this event, please contact Tom Michalski at 303-202-4852 or at tmichalski@usgs.gov.

Volunteers Needed for FM Mineral ID Booth, Denver Gem and Mineral Show

Each year FM Colorado Chapter runs the mineral identification booth at the Denver Gem and Mineral Show. If you're willing to help for a few hours during the show September 16-18, please contact Pete Modreski at 303-202-4766 (office), 303-425-9549 (home), or at pmodreski@usgs.gov. You don't have to be a mineralogical expert to help at our Mineral I.D. booth, which is FMCC's main contribution to helping put on the DGMS. Many items brought to the booth are common rocks and minerals from beginning collectors, and a general familiarity with rocks and minerals will help answer most questions. If a real "expert" is needed for an unusual specimen, it's easy to call or find someone.

Volunteers Needed for Kids' Corner, Denver Show

Again this year there will be a Kids' Corner room for hands-on rock and mineral activities at the Denver Show. If you are available to help for a few hours on one or more days of the show September 16-18, please contact Pete Modreski at the numbers shown above. Anyone with general knowledge about rocks and minerals, and who enjoys talking with kids, will do fine in helping at the Kids' Corner.

Aquamarine Acquisition Project, Denver Museum of Nature and Science

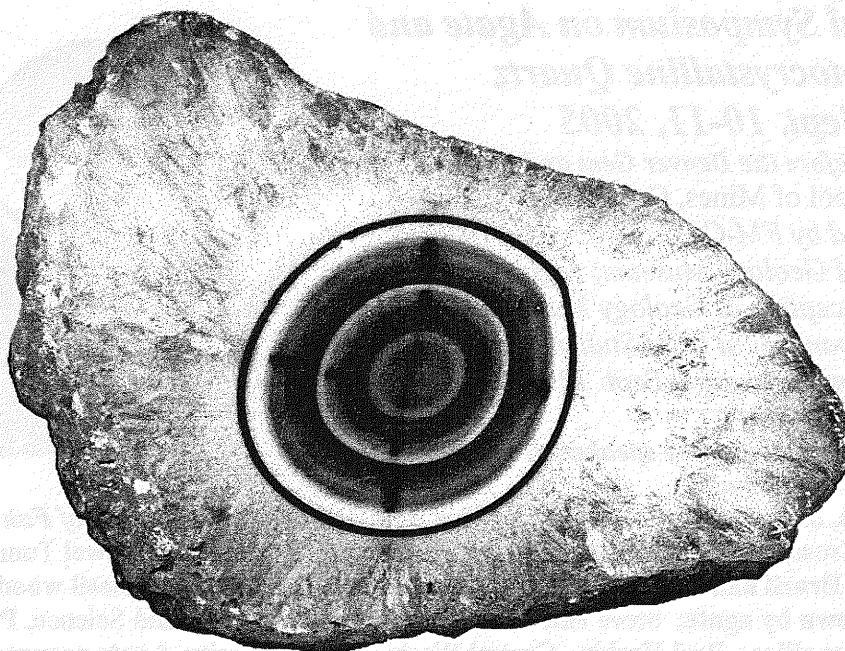
The FMCC Board is discussing a possible gift to the DMNS for this project, for discussion with FMCC members.

2005 Membership List

Enclosed in this newsletter is the current FMCC membership list.

Reception and Open House, Geology Museum, Colorado School of Mines

The 3rd annual Reception and Open House of the Geology Museum, Colorado School of Mines, will be held Wednesday, September 14, 2005, from 7 to 10 pm. Everyone in the mineral collecting community is invited. The evening's big item will be the ribbon cutting and dedication reception for the Betty H. Llewellyn Special Exhibit Room. Another recent museum addition is the Blaster's Uranium Mine. As in years past, our host and museum curator Paul Bartos will have hors d'oeuvres, a cash bar, and a silent auction. Donations for the silent auction are welcomed. The address of the museum is 1310 Maple St., Golden. There will be abundant, free, on-site parking after 5 pm.



***Friends of Mineralogy, Colorado Chapter;
Colorado School of Mines Geology Museum; and USGS
will cosponsor a mineralogical symposium on***

Agate and Cryptocrystalline Quartz

Sat.-Sun., Sep. 10-11, 2005

(the weekend before the Denver Gem & Mineral Show)

Green Center, 924 16th St., Colorado School of Mines, Golden, CO

2 days of lecture presentations, Saturday evening banquet,

reception and tours of CSM Geology Museum

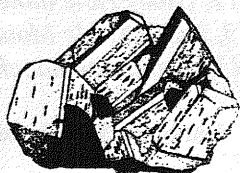
field trips to Colorado mineral localities, Mon. & Tues., Sep. 12-13

registration fee \$40; banquet \$25

If interested in attending and receiving further information about the symposium, please send your name, address, and phone number and/or email address to: pmodreski@usgs.gov, or to Friends of Mineralogy, P.O. Box 5276, Golden CO 80401-5276

*If you would like to offer to present a paper on some aspect of cryptocrystalline quartz and related topics (agate, chalcedony, jasper, chert, opal, geodes, thunder eggs, etc.), please contact:
Pete Modreski, USGS, Denver CO, pmodreski@usgs.gov, 303-202-4766*

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***friends of
mineralogy
colorado chapter***



**Friends of Mineralogy-Colorado Chapter
P.O. Box 5276
Golden, CO 80401-5276**

Mineral Symposium on Agate and Cryptocrystalline Quartz

Sept. 10-11, 2005

the weekend before the Denver Gem and Mineral Show

Colorado School of Mines, Golden, Colorado

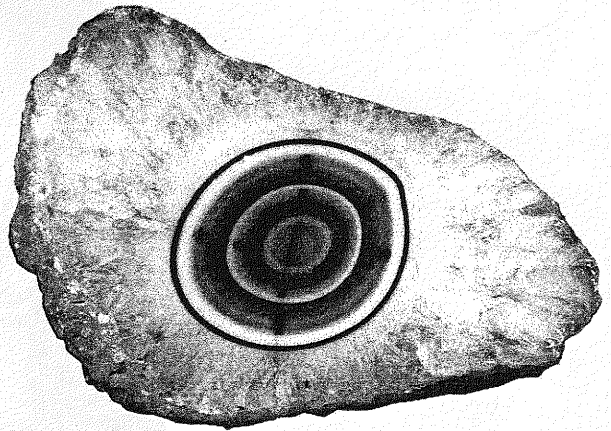
co-sponsored by FM-Colorado Chapter; USGS;

and the CSM Geology Museum; registration \$40

Fri. evening reception at Geology Museum (all welcome)

Sat. evening banquet at CSM Student Center (\$25)

Field trips (no charge) Sept. 12 & 13.



More than 30 presentations by speakers from the U.S. and 5 other countries will include:

Michael Carlson, *author of The Beauty of Banded Agates*; Roger Clark, *author of Fairburn agate, Gem of South Dakota*; Brad Cross, *author of Agates of Northern Mexico*; Rock Currier, Jewel Tunnel Imports, *Agate and amethyst from Brazil and Uruguay*; Richard Dayvault, *Silicification of fossil wood*; Si and Ann Frazier, *Phenomena shown by agate*; Steve Holen, Denver Museum of Nature and Science, *Paleoindian sources of cryptocrystalline silica*; Paul Hoskin, Central Washington University, *Agate occurrences of central Washington*; Brian Jackson, National Museums of Scotland, *A history of Scottish agates* [banquet presentation] and, *Structures and microstructures in Scottish agates*; Virgil Lueth, New Mexico Bureau of Geology and Mineral Resources, *Fluid inclusions of Brazilian agate*; Enrique Merino, University of Indiana, *High-temperature origin of agates in basalts*; Mike Menzies, Calgary, Alberta, *Chalcedony and quartz from the Alberta badlands*; Tom Michalski, USGS, *Seven causes of color in banded agate*; Maziar Nazari, Islamic Azad University, Ashtiyan branch, Iran, *The Khur agate field, Central Iran*; Roger Pabian, *author of Banded Agates: Origins and Inclusions, Agates, banding and beyond and Chalcedony occurrences of the central Great Plains*; Robert Proctor, Stanford University, *Ancient agate lore*; Ed Raines, *Amethyst and chalcedony, Creede, Colorado*; Renate Schumacher, Bonn Universität, *Idar-Oberstein and its agate history*; Helen Serras-Herman, *Chalcedonies and jaspers used for gem carving*; John Stockwell, *Thundereggs: distribution and geological setting and Thundereggs: an historical sketch*; Penny Williamson, University of Wollongong, *Australian agates*; Bob Zielinski, USGS, *Uraniferous opal, Virgin Valley, Nevada - - - and more!*

Optional field trips (no charge, travel by car-pooling): #1, Monday, Sept. 12, Glory Hole open pit mine, Central City (quartz-pyrite-chalcopyrite-sphalerite-galena-barite-siderite); #2, Tuesday, Sept. 13 (morning) North Table Mountain, Golden (zeolite minerals); #3 Tuesday, Sept. 13 (afternoon), petrified wood in the Denver area

For more information please call Pete Modreski, 303-202-4766, pmodreski@usgs.gov, or Tom Michalski, 303-202-4852, tmichalski@usgs.gov **Please register early; attendance at banquet & some field trips may be limited!**

Registration form: please mail with check to Friends of Mineralogy, P.O. Box 5276, Golden CO 80401-5276

Name(s): _____

Address: _____

Phone _____ Email _____

I am interested in attending: *Field Trip #1, Sept. 12, Glory Hole mine, Central City*
 Field Trip #2, Sept. 13, North Table Mountain zeolite minerals
 Field Trip #3, Sept. 13, Highlands Ranch petrified wood

Registration, \$40 (number of persons: _____) Banquet, \$25 (number of persons _____)

Total amount enclosed _____ Date sent _____

Denver Gem and Mineral Show Mini Report August 2005

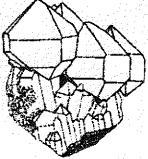

The Denver Gem and Mineral Show is coming soon!! September 16-18, 2005 are the dates. "Quartz and Cryptocrystalline Quartz" is the theme. Are you ready for the show? Do you know what "cryptocrystalline quartz" is? The American Heritage College Dictionary defines cryptocrystalline as "having a microscopic crystalline structure". Do you know what that means? There will surely be many defining exhibits of cryptocrystalline quartz at the show. And, as we all know, the outstanding exhibits at the show is one of the highlights of the show.

There are a couple of things that need to be mentioned at this time that are important to the show. First, have you volunteered to work at the show? There are several areas that still need help. The show could not go on without all the volunteers. It's easy and fun plus you get free entry to the show. If you want to help, contact your club representative or Show Chair, Martin Hannu at 303-429-2519 or icd55mph@qwest.net. For Admissions, Barb Melby 303-423-5876; for Grab Bag Sales, Julie Schott 303-980-1401 or jkschott@cybox.com; for Security, Sandra Leake 303-343-9764; for Hospitality, Glen or Marsha Smith 303-693-0790; for Poster Giveaway, Lillian or Tom Mee 303-840-3657. These are just a few of the areas needing volunteers. And please, please, please come for Set Up on Wednesday starting around 9 or 10 a.m. Due to the new space, there will be plenty of things for people to do such as skirting tables, etc. Come to the east dock doors to enter. There will be pizza and beverages for lunch so you won't go hungry.

Lastly, have you promoted the show as much as you can? Many people have no idea what the show is all about until they go, and then they are amazed at all the exhibits and other fun things the show has to offer. With the size of the Denver metro area, the show should be drawing a much larger crowd. So invite all your friends and relatives and try to advertise the show in any way you can. There are ample flyers and small posters to use to advertise the show. Let's have a record attendance this year. And thanks for listening. Respectfully submitted, Judy Knoshaug, Show Secretary

38th Annual

Denver Gem & Mineral Show



*Featuring Quartz &
Cryptocrystalline
Quartz*

125 Dealers & 100 Exhibits

Hours: Friday 9 a.m. - 6 p.m. Saturday 10 a.m. - 6 p.m. Sunday 10 a.m. - 5 p.m.

September 16-18, 2005

Denver Merchandise Mart—Expo Hall
451 East 58th Ave. (I-25 & Exit 215)

In conjunction with the
Colorado Fossil Expo
In the adjacent Plaza Annex

Admission (includes Colorado Fossil Expo)
Adults - \$5, Seniors & Teens - \$3
Children under 13 free with adult

Plenty of Free Parking

Denver Gem & Mineral Show
PO Box 621444, Littleton, CO 80162
303-233-2516
www.DenverMineralShow.com

Colorado MINERAL & FOSSIL SHOW

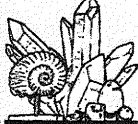
Holiday Inn - Denver Central * 4849 Bannock Street (where I-25 meets I-70)

SEPTEMBER 14 - 18, 2005

200 Top Quality Dealers from around the world on 3 floors of the hotel!!

*Minerals * Fossils * Meteorites * Decorator Items * Wholesale & Retail*

FREE Admission * FREE Shuttle Bus to the Merchandise Mart Shows * Open to the Public



Show Hours: Wed. thru Sat. 10 - 6 & Sun. 10 - 5

Martin Zinn Expositions, L.L.C. • P.O. Box 665, Bernalillo, NM 87004 • Fax: 505-867-0073 • www.mzexpos.com

There will not be a September 2005 FMCC meeting.

Members are encouraged to attend the Agate and Cryptocrystalline Quartz Symposium (see inside).

Coming Events 2005:

- Sep 8 Friends of Mineralogy meeting, DMNS
- Sep 10-11 Mineral Symposium: "Agate and Cryptocrystalline Quartz," Green Center, Colorado School of Mines, Golden, CO; evening banquet Sep 10
- Sep 12-13 Field trips in conjunction with the above Sep 10-11 Mineral Symposium
- Sep 14 Open House, Geology Museum, Colorado School of Mines, Golden, CO, 7 to 10 pm
- Sep 14-18 Colorado Mineral and Fossil Show, Holiday Inn Denver Central, I-70 and I-25
- Sep 16-18 Denver Gem and Mineral Show, Denver Merchandise Mart
- Sep 16 FM national Board of Directors meeting (Officers, Directors, Chapter Presidents), 3:30pm, Denver Merchandise Mart
- Oct 22 Cripple Creek School of Paleontology, 8:30 – 5:30, Park and Recreation Center, includes field trip to Florissant Fossil Beds N.M. and R.M. Dinosaur Research Center, call 719-689-3514
- Nov 3 Friends of Mineralogy meeting, DMNS
- Nov 12-13 New Mexico Mineral Symposium, Macey Center, N. Mex. Inst. of Mining & Techn., Socorro

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