

Friends of Mineralogy, Colorado Chapter Newsletter – August/September 2007

September Meeting – Thursday, September 20, 7:30 pm (Board meeting 6:45-7:30)
Denver Museum of Nature and Science – VIP Room. Enter through the single door Security/Staff
entrance to the left of the main entrance. The VIP room is to the left through the cafeteria area.

September Program:

Bruce Geller and Aaron Rever
will speak on

The Study and Display of Fluorescent Specimens

Fluorescent minerals have been known for well over a century. The emission of light from minerals and other materials originates within the materials and is not a surface phenomenon. Slight impurities called “activators” are the accepted causes of fluorescence in minerals, and other impurities known as “poisons” inhibit fluorescence. Some materials take fluorescence a step further by emitting light after the stimulating irradiation is removed – they phosphoresce. More rarely, certain materials change their color in visible light after they are exposed to ultraviolet irradiation – they tenebresce.

A demonstration of fluorescence will highlight minerals and common household items that display the property well. Some of the more commonly fluorescent minerals will be irradiated in order to show their ultraviolet reactions, phosphorescence, and least commonly, tenebrescence. Discussions on displaying fluorescent minerals and ultraviolet lamps will end the evening.

Bruce Geller has studied fluorescent minerals for almost 40 years and is the director of the Colorado School of Mines Museum. Aaron Rever is a geologist who has studied fluorescent minerals for many years and works in the Denver offices of Schlumberger.

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FMCC dues for 2007 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 2007 Board of Directors: President, Richard Parsons, 303-838-8859
Vice-President, Pete Modreski, 303-202-4766
Treasurer, Jim Hurlbut, 303-757-0283
Secretary, Paul Kendall, 303-470-3261, and newsletter editor
Directors: Bill Chirnside (2007-08), 303-989-8748
Bruce Geller (2006-07), 303-237-2947
Larry Havens (2007-08), 303-757-6577

Leadville Field Symposium Held August 24 through 26 in Leadville

The National Mining Hall of Fame and Museum in Leadville was the site for lectures, tour, Saturday dinner, and field trips starting point for this educational and interesting symposium. There were 65 attendees from 12 states plus excellent speakers Bob Elder, Sam McGeorge, and Ed Raines.

The success of the symposium is due to Richard Parsons, president of FMCC, who spent countless hours making arrangements with speakers, the museum, vendors, and tour leaders. Thank you Richard for a quality event.

Shown below are some photos taken at the event, all by Pete Modreski.

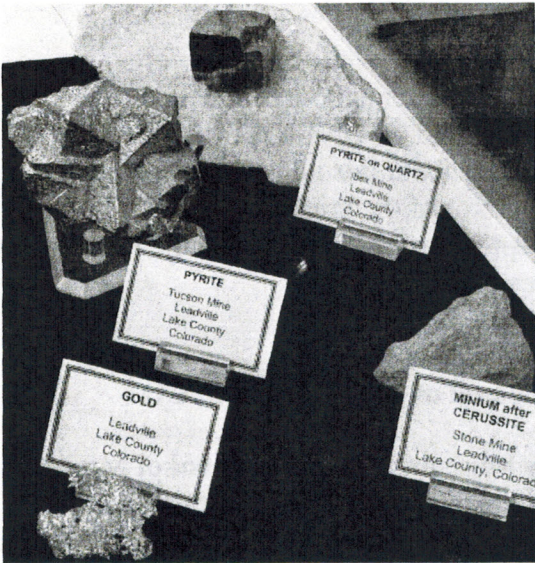


National Mining Hall of
Fame and Museum,
Leadville, Colorado

Bob Elder giving the
Friday night talk on
the history of the
Leadville Mining
District



continued next page



Leadville mineral specimens displayed at the NMHF&M

At the Climax Mine



Ed Raines speaking at Morning Star Mine, Carbonate Hill



At the Veneer Shaft On Breece Hill



New Curator of Colorado School of Mines Geology Museum

At the Leadville Symposium, FM Colorado member Bruce Geller announced he had been selected as the new curator for the Colorado School of Mines Museum. **CONGRATULATIONS TO BRUCE ON THIS APPOINTMENT!** Bruce seems very excited about this new opportunity and expressed the desire to serve the local mineral community as curator of the museum. He also encouraged people to come to the museum's open house on September 12th just prior to the Denver Gem & Mineral Show. For more information on the open house, see below.

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

The annual Reception and Open House of the Geology Museum, Colorado School of Mines, will be Wednesday, September 12, 2007, 7:30 to 10:00 pm. Everyone in the mineral collecting community is invited. The Museum's new director, Bruce Geller, will be introduced, and you can see the Museum's latest acquisitions. As in years past, the Open House will have hors d'oeuvres, a cash bar, live music, and a silent auction. Donations for the silent auction are welcomed. Museum address is 1310 Maple St., Golden, in the building with the curved roof. There'll be abundant, free, on-site parking after 7:00 pm.

Call for Volunteers for FM Mineral Identification Booth, Denver Gem and Mineral Show

We are in need of volunteers for the FM Mineral Identification Booth at the Denver Show, all three days and all times. This only requires modest knowledge of mineral identification; we always have additional "experts" floating around. If you are willing to help, preferably for a 2-3 hour shift (which will entitle you to complimentary admission to the show), please contact Pete Modreski at pmodreski@usgs.gov or 303-202-4766. Thank you! --Pete Modreski

Call for Volunteers for Kids' Corner at the Denver Gem and Mineral Show

Denver area mineral club members, I'd like to ask your help and put in a plug for volunteers to help at the "Kid's Corner" booth at the Denver Show.

As I think most of you know, this booth which we have each year at the Show features hands-on rock and mineral samples, a "Treasure Hunt" for which kids get a gemstone prize when they complete our quiz keyed to the exhibits in the show, and interactive earthquake demonstrations.

This booth is organized and materials provided by the USGS, but we depend on volunteers from Friends of Mineralogy and several of the other clubs to have enough people to staff it. If you enjoy talking with kids, and are "trainable" as far as helping to run some of these demonstrations, we would love to have you help at this booth. So when you sign up to help at the show, please also consider offering to help at the Kid's Corner. Those who are willing to help with a shift here should please contact directly Pete Modreski, pmodreski@usgs.gov or 303-202-4766.

Thanks very much, Pete

Friends of Mineralogy Colorado Chapter 30th Anniversary

In July 2007 FM Colorado Chapter achieved its thirtieth anniversary of promoting the collection and preservation of mineral specimens, sponsoring publications and symposia, and educating members and the public on minerals.

Newsletter by Email

Your newsletter editor encourages all FMCC members to send your email address so that you will receive the newsletter electronically. The email version of the newsletter is in color; the paper version will have none. In addition, an email newsletter reduces expenses, it means less time on the part of your editor, and it is in line with a less-paper 21st century. Please send your email address to editor Paul Kendall at bealsio@qwest.net (yes that is QW).

FMCC and the Denver Museum of Nature and Science

You may be aware that FMCC is an associate group member of the DMNS, and part of that relationship allows FMCC to hold our bimonthly meetings in the museum. FMCC members are encouraged to also become members of the DMNS.

FMCC Silent Auction

The revised tallies from our FMCC auction in May 2007 are from Bruce Geller:

Gross proceeds: \$2,235

Net proceeds: \$1,160 -a record

Specimens sold: 240 -almost a record

Friends of Mineralogy National Directors Meeting September 14

There will be a national Board of Directors meeting during the Denver Show at the Denver Merchandise Mart, small meeting room, at 3:30 pm on September 14. All interested persons are encouraged to attend.

Theft Alert – Collector's Edge Specimens

Sadly, there has been another major theft of mineral specimens! The Garden of the Gods Visitors Center in Colorado Springs, Colorado suffered a break-in in the early morning hours of Thursday, August 16th. Thieve(s) smashed through glass entry doors and proceeded to display cases in the Visitor's Center which contained a temporary exhibit of mineral specimens on loan from the Collector's Edge. The thieves smashed the glass display cases and stole 29 pieces of crystallized and nugget gold, a faceted Sweet Home Mine rhodochrosite gemstone, and a Sweet Home Mine rhodochrosite polished rhombohedron. The gold specimens were primarily from Siberian localities, but the missing pieces also include specimens from California, Alaska, Nevada, and Venezuela. If you are approached by persons offering gold nuggets, crystallized gold specimens or polished Sweet Home Mine rhodo specimens, please try to secure contact information from the individuals and immediately call Steve Behling (Cell: 303-885-6885) or Bryan Lees (Office: 303-279-9724 x-11) at The Collector's Edge. --Lake George G&MC newsletter

FMCC Membership List

Members are receiving our 2007 member list in this newsletter.

Publications For Sale by FMCC

We have the following publications for sale as of August 2007. Quantities may change. See below for ordering information.

- Antero Aquamarines**, by Mark Jacobson (1993) \$15.00
L.R. Ream Publishing, softcover, 126 p. + 8 color plates
- Pegmatite Symposium Abstracts** (1999) \$10.00
The Eugene E. Foord Memorial Symposium on NYF-type Pegmatites, 73 p.,
as published in *Canadian Mineralogist*, vol. 37, part 3, June 1999, pp. 791-863
- Pegmatite Symposium Field Trip Guidebook** (1999) \$10.00
Field guide to NYF-type [Nb-Y-F] Pegmatites of the Pikes Peak Batholith;
field trips to the Lake George and South Platte pegmatite districts; 36 p.
- Minerals of Colorado** (1997) \$140.00
Fulcrum Press, 665 p. plus 40 plates with 118 color and 27 b&w photos
- Recent Activities at Rocky Mountain Mineral Localities, a Symposium** (1985), 30p. \$1.00
- Photography of Mineralogical, Paleontological, and Archaeological Specimens** (1989) \$2.00
A Symposium on the Equipment and Techniques for Professionals and Amateurs, 74 p. + 18 p. reprinted from articles of Jeff Scovil
- Symposium on Gemstone Deposits of the Rocky Mountain Region, Program and Abstracts** (2002), 79 pages including 3 pages plus cover in color \$15.00
- Symposium on Agate and Cryptocrystalline Quartz** (2005) \$20.00
144 pages including 3 pages plus cover in color (reprinted in 2006)
- Field Guide to the Kelsey Lake Diamond Mine & Cresson Gold Mine, Cripple Creek** 1996, reprinted from SEG, 83 p. \$10.00

Make checks payable to Friends of Mineralogy, Colorado Chapter. Postage and sales tax will be paid by FMCC. To order, write to Friends of Mineralogy, Colorado Chapter, P.O. Box 5276, Golden CO 80401-5276, or contact Jim Hurlbut 303-757-0283, jfhu@earthlink.net, or Pete Modreski 303-202-4766, pmodreski@usgs.gov.

Colorado Mineral & Fossil Show Sept. 12-16

Holiday Inn - Denver Central
(4849 Bannock St. - where I-25 meets I-70)

Minerals ♦ Fossils ♦ Gems ♦ Jewelry
RETAIL ♦ WHOLESALE
Over 200 Great Dealers
Hours: 10 - 6 Wed-Sat, 10 - 5 Sun.



Colorado Fossil Expo Sept. 14-16

Denver Merchandise Mart
(451 East 58th Ave.—North Side)

Fossils ♦ Amber ♦ Meteorites
Petrified Wood & More
Hours: 9 - 6 Fri, 10 - 6 Sat, 10 - 5 Sun.
\$5.00 Admission includes
Denver Gem & Mineral Show

2007 Friends of Mineralogy Colorado Chapter Member List

<u>Member</u>	<u>First Name</u>	<u>Last Name</u>	<u>Street</u>	<u>City</u>	<u>State</u>	<u>Zip Code</u>	<u>Phone</u>	<u>Phone 2</u>	<u>Email</u>
CO2007	Regina	Aumente	6 Santa Ana Loop	Placitas	NM	87043	505-604-9585		raumente@aol.com
CO2007	Dennis	Beals	5994 S. Holley St. PMB256	Englewood	CO	80111	303-771-9225		
CO2008	Roger	Bennett	2722 S. Saulsbury St.	Denver	CO	80227-3559	303-986-9056		
CO2007	Ray & Eloiise	Berry	7513 Tudor Rd.	Colorado Springs	CO	80919-2616	719-598-7877		
CO2007	Phil	Bigsby	220 East Swallow Rd	Fort Collins	CO	80525-2540			
CO2007	Donald	Bray	4860 W. Delaware Dr.	Larkspur	CO	80118-8501	303-681-3646	303-843-2750	dbray-larkspur@worldnet.att.net
CO2007	Mark	Chen	P.O. Box 7288	Moore	OK	73153-1288	405-793-9050	405-702-4208	Fax 405-702-4101
CO2007	Bill & Donna	Chirside	2157 S. Cole Ct.	Lakewood	CO	80228-4610	303-989-8748		billdozer@mho.com
CO2007	Michael	Dempsey	804 Meadow Run	Golden	CO	80403-1901	303-384-0710		
CO2007	Chuck	Digby	10680 Sully Way	Northglen	CO	80234			
CO2007	Robson	Eames	7425 Centennial Glen Dr.	Colorado Springs	CO	80919-1133	719-467-4287		chuckdigby@msn.com
CO2007	Bruce	Geller	700 Vista Ln	Lakewood	CO	80214-4503	303-237-2947		
CO2007*	Dennis	Haas	104 East Wisconsin	Trenton	IL	62293-1401			
CO2007	Arnold	Hampson	P.O. Box 1379	Dolores	CO	91323-1379	970-882-7411	970-565-7430	
CO2007	Dale	Harwood	1914 W El Segundo #2	Gardena	CA	90247-1863	310-217-0551		
CO2007	Larry	Havens	3031 S. Bellaire	Denver	CO	80222	303-757-6577		lghavens@aol.com
CO2007	Charles	Hayward	3286 Quitman St.	Denver	CO	80212	303-455-1977		
CO2007	Len & Linda	Himes	P.O. Box 2306	Monument	CO	80132-2306	719-487-8897		
CO2007	Thomas	Hughes	13994 West 1st Dr.	Golden	CO	80401-5202	303-729-4240		
CO2007	James	Hurlbut	2240 S. Adams St.	Denver	CO	80210-4912	303-757-0283	303-279-7796	jfhu@Earthlink.net
CO2007	Mark	Jacobson	108 Farmington Dr.	Lafayette	LA	70503			
CO2007	Dr. Alan	Keimig	2400 S. Lima Street	Aurora	CO	80014-1729	303-755-9604		alan.ak@juno.com
CO2007	Len	Keller	1313 Williams ST.#304	Denver	CO	80218-2668	303-394-0497		
CO2007	Paul	Kendall	6433 Dutch Creek St.	Littleton	CO	80130	303-470-3261	303-793-4759	bealio@qwest.net
CO2007	Jerry	Kiefer	31674 Ponderosa Way	Evergreen	CO	80439	303-679-8049		jerrykiefer@comcast.net
CO2007	Daniel	Kile	5176 Black Bear Run	Littleton	CO	80125	303-948-2810		
CO2007	Robert	Landgraf	304 Palmer Trail	Manitou Springs	CO	80829-2844			

CO2007	Peter	Laux III	417 Leyden St.	Denver	CO	80220-5953	303-388-4659	303-692-3455	laux@mho.net
CO2007	Thomas	Loomis	3519 Sequoia Place	Rapid City	SD	57702	605-718-9130	303-242-4852	dakotamatrix@rushmore.com
CO2007	Dr. Edward Thomas	Metz	P.O. Box 523	Crawford	NE	69339-0523	306-665-1546	303-202-4766	
CO2007	Thomas	Michalski	1170 Grape St.	Denver	CO	80220-4431	303-320-5386		
CO2007	Peter	Modreski	P.O. Box 150995	Lakewood	CO	80215-0995	303-425-9549		pjmodreski@att.net
CO2007	Peter	Montgomery	P.O. Box 3370	Evergreen	CO	80437-3370	303-670-7243		bmontgo550@aol.com
CO2007	Louellen	Montgomery	1184 SW Collins Ave.	Topeka	KS	66604-1525	785-354-1290		
CO2007	William	Moore	119 Fawn Trail	Lake Jackson	TX	77566-3741	409-297-4519		
CO2007	Dr Paul	Morgan	DMNS 2001 Colorado Blvd	Denver	CO	80205-5798	303-370-6455		paul.morgan@dmns.org
CO2007	Dr. Jack	Murphy	7117 E. 12th Ave	Denver	CO	80220			Jmurphy@dmns.org
CO2007	Richard	Parsons	13249 Taza Ln.	Pine	CO	80470	303-838-8859		richard.parsons@att.net
CO2008	Ed	Pedersen	11582 Ash Circle	Thornton	CO	80233-2657	303-457-0586		pedersencpg@aol.com
CO2007	Marjory	Regel	3609 Windsor Ave.	Colorado Springs	CO	80907-4848	719-599-3031		
CO2007	Tom	Rosemeyer	P.O. Box 369	Magdalena	NM	87825-0369			
CO2007	Sam	Rosenblum	12165 W. Ohio Pl.	Lakewood	CO	80228-3319	303-986-5661		
CO2007	Bill & Carol	Smith	1731 Daphne St.	Broomfield	CO	80020-1157	303-466-8723		
CO2007	Richard	Strecker	75 Desert Inn Way	Colorado Springs	CO	80921	719-548-8988		Carol Smith72@msn.com
CO2007	Jack & Kay	Thompson	1830 Mesita Ct	Colorado Springs	CO	80906	719-636-2978		streckfram@uswest.net
CO2007	Mark	Vendl	1136 Kemman Ave.	LaGrange Park	IL	60525-1209	703-354-8376		
CO2007	Chauncy	Walden	7599 E. Windlawn Way	Parker	CO	80134	303-805-5288		
CO2007	Andrew	Weinzapfel	315 Crystal Peak Rd	Florissant	CO	80816	719-748-3356		acwein@gmail.com
CO2007	William	Weller	9025 W 3rd Place	Lakewood	CO	80226-1115	303-238-9803		
CO2007	Karen	Wenrich	63 S. Devinney St.	Golden	CO	80401-5314	303-278-1574		
CO2007	Eunice	York	3102 S. Gaylord St	Englewood	CO	80113-3077	303-761-8296	303-315-4879	e.i.york@att.net
CO2007	Martin	Zinn III	P.O. Box 999	Evergreen	CO	80439-0999	303-674-2713		

2007 Friends of Mineralogy Colorado Chapter Member List

Classes this fall and winter through the Cripple Creek Park and Recreation Department

FIELD STUDIES IN PALEONTOLOGY (K-12)

0.5 semester graduate credit hour Colorado School of Mines

Date: October 13, 2007

Time: 8:30am-5:30pm

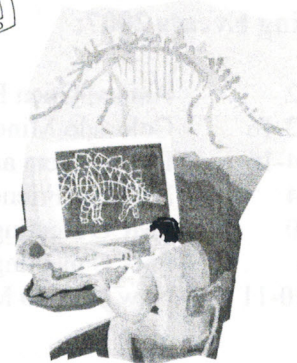
Location: Cripple Creek Parks & Recreation

Instructor: Steve Veatch and Don Miranda

Optional Tuition Fee: \$30 (**payable during workshop**)

Registration Fee: \$69

Starting from Cripple Creek, explore the geological and paleontological wonders along the Shelf Road. Follow the old wagon roads used to haul dinosaur bones from Garden Park to Canon City, visit a dinosaur quarry, and explore nearby dinosaur tracks.



To register or for more information, contact:

Cripple Creek Parks & Recreation Phone: 719/689-3514

SCIENCE AND NATURE WRITING WORKSHOP (K-12)

0.5 semester graduate credit hour Colorado School of Mines

Date: February 2, 2008

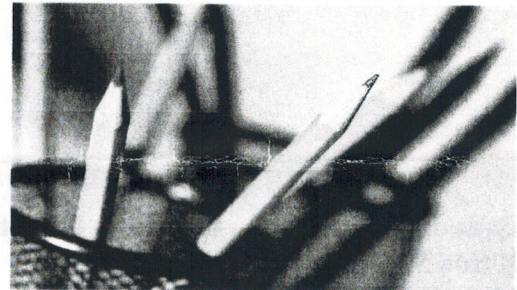
Time: 9:00am-5:30pm

Location: Cripple Creek Park & Recreation

Instructor: Steven Veatch, Don Miranda, local authors

Optional Tuition Fee: \$30 (**payable during workshop**)

Registration Fee: \$49, includes certificate of completion



Science and nature writing is a popular genre of contemporary literature, offering endless opportunities for craft, creativity, and publication. Learn to write clearly and effectively about science and nature. This class is for anyone wishing to learn about science and nature writing. This course introduces you to the fundamentals of science and nature writing and includes the process of writing a single piece of science and nature writing. The workshop includes tips on: finding and developing story ideas (hikes, stargazing, fossil hunts, etc.); discovering the difference between a subject and a story; outlining and structuring stories; strategies for opening and structuring stories; research strategies; choosing a narrative voice and strategy, crafting leads and making transitions between your story and its larger contexts; and discovering the role of the editor in publication.

This is also a perfect class for teachers. With all the state standards and other competencies required of students, writing is an essential skill. This workshop approaches the subject in a clear and accessible manner that provides science-rich, student-centered learning experiences. Taught by experienced practitioners, this class will be a valuable asset for anyone interested in integrating inquiry-based science and literacy strategies in their classrooms, informal education programs, or for their own use. A certificate of completion will be awarded. Formal scientific writing will also be covered.

What others have said about the workshop . . . *"The instructors taught us amazing techniques for investigating the natural world around us, and revealed the most compelling ways to communicate our findings to others."* *"This workshop is an absolute treasure for anyone interested in writing about science and nature."*

To register or for more information, contact:

Cripple Creek Park & Recreation Phone: 719/689-3514

FMCC September meeting is Thursday, September 20, 2007, 7:30 pm, Denver Museum of Nature and Science.

Bruce Geller and **Aaron Rever** will speak on "The Study and Display of Fluorescent Specimens."

Coming Events 2007:

- Sep 12 Annual Open House, Geology Museum, Colorado School of Mines, 7:30 to 10:00 pm, Golden
- Sep 12-16 Colorado Mineral and Fossil Show, Holiday Inn Denver Central, 4849 Bannock St., Denver
- Sep 14-16 Denver Gem and Mineral Show, Denver Merchandise Mart Expo Hall, 451 E. 58th Ave.
- Sep 14 National Friends of Mineralogy Board of Directors Meeting, Denver Merchandise Mart, 3:30pm
- Sep 20 FMCC meeting, DMNS
- Nov 1 FMCC meeting, DMNS. This is the first Thursday in November.
- Nov 10-11 New Mexico Mineral Symposium, Macey Center, N. Mex. Inst. of Mining & Techn., Socorro

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

DENVER CO 802

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