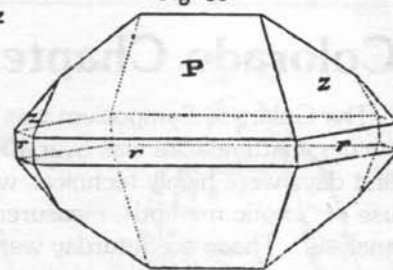


FM friends of mineralogy

affiliated with the mineralogical record

Quarz

Fig. 55.



Newsletter

July, August, September ■ 1988

President's Message

Dear Members:

■ Cheryl Stewart, Lacey, Washington, has been keeping the FM membership records in order and preparing the address labels for the newsletter. Anyone who has ever made a mailing knows how helpful it is to have the labels supplied, and how much easier it is to issue a Membership Directory when all the information is up-to-date and available. Cheryl has advised that she is no longer in a position to continue this work.

On behalf of FM, Cheryl, we thank you.

Treasurer Russell Boggs, 19 3rd Street, Cheney, WA 99008-1405, has agreed to carry on. Please send all membership and address changes to Russ.

■ We have some information on up-coming publications which you may find of interest.

A *Collector's Guide to Maine Mineral Localities*, copyrighted by the Maine Geological Survey, goes to press the end of September. Working on it were Woodrow Thompson, Maine Geological Survey (and FM member), Ray Woodman, Don Joyner and Van King.

The very latest word on the publication date of the book on the minerals of Mont Saint-Hilaire is "February." The date had been "December before Christmas."

Marcelle H. Weber, President ■

Pennsylvania Chapter

An announcement that Mr. Peter Chonka of St. Peter's, Chester County, Pennsylvania has put up his home and some 16 acres for sale. Mr. Chonka has graciously allowed collecting, for a very nominal fee, on the honor system. Over the years some beautiful and valuable specimens have been collected on these dumps.

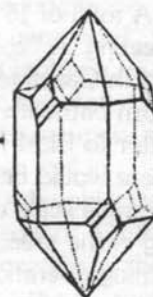
Mr. Charles Trovel has answered an inquiry to the Pennsylvania Bureau of State Parks, Dept. of Environmental Resources. He is the spokesman for this Bureau, and sent a copy of Chapter 31 of the Administrative Codes, a description of the boundaries and plans for the Lehigh Gorge State Park. (Once a favorite quartz collecting site.) Chapter 31 is very succinct. A person commits a summary offense under 18Pa., C.S. Article

7506 . . . if he does any of the following . . . (a) Cuts, removes, damages or defaces any tree, rock, plant, or natural object at a Recreation Area without written permission of the Department . . . and (b) A person who has been convicted of a summary offense under this section shall be sentenced to pay a fine not exceeding \$300.00 or to imprisonment for term which shall be fixed by the court at not more than 90 days or both.

(See related correspondence later in this newsletter . . . ed.)

A listing of the books produced by this chapter follows: *Mineralogy of Pennsylvania 1965-1974* - R.C. Smith ppd \$16.00. *Historical Sketches on Copper and Lead Mining in Montgomery County, Pennsylvania* - Harold Evans with Preface and Appendix by Allen Heyl ppd \$5.00. These can be ordered from Juliet Reed, 336 Rockland Road, Wayne, PA 19087. Make checks payable to "FM PA Chapter."

Fig. 99.



New Mexico Mineral Symposium

The Ninth Annual New Mexico Mineral Symposium will take place on Nov. 12 and 13, 1988, at Macey Center, New Mexico Institute of Mining and Technology in Socorro, New Mexico. The purpose of the symposium is to bring together, for an exchange of ideas, both professionals and amateurs interested in mineralogy. Formal papers, and informal discussions at the breaks and in the evenings among mineralogists, geologists and hobbists should benefit all. An informal, pre-symposium social and tail-gating session will be held at the El Camino Motel starting at 6:00 pm on Friday evening.

Informal field trips to several areas may be set up using the "self-guided" field trip maps available at the symposium meeting. Registration is \$15.00 (general) - 12.00 (senior citizen) - \$7.00 (student), and \$15.00 for the cocktail hour and dinner. Make checks payable to: "N.M.B.M.M.S." and send to: Judy Vaiza, N.M.B.M.M.S., Socorro, NM 87801.

Colorado Chapter

The Colorado Symposium was rated a rousing success! Attendance was over 100 persons. Talks on the first days were highly technical, with descriptions of the use of "exotic methods, measurement techniques, and analysis". Those on Saturday were somewhat lighter in tone. Jack Murphy's talk at the banquet was excellent, and his slides showed pictures of the major gold specimens in the Museum collection. There were also slides of several of the gold mines in the state as they were in the early days of mining.

There were five field trips available, and it appeared all were very well attended. Knowledgeable leaders gave excellent geological and mineralogical background talks on their areas. Mining engineers gave extra, very interesting, information on "their" mines. Some collecting was allowed on the dumps, and the areas were a photographers dream! ■

Pacific Northwest Chapter

The 14th Annual FM Pacific Northwest Chapter Mineral Symposium will be held at the Executive Motor Inn, Tacoma, Washington on September 30, October 1 and 2, 1988. If you are going to attend the Chapter meeting, you may as well plan on attending the Symposium.

A total of 15 persons were in attendance at the July 16 meeting. A "zonal withdrawal" of land adjacent to the North Cascades Highway in the vicinity of the Golden Horn batholith was discussed. Pres. Carl Harris wrote a letter to BLM for further clarification. He was informed there would be no problem for casual gatherers or small scale commercial operators scouting or collecting in the area. The ban is on large scale logging and mining operations.

A letter from Lanny Ream about the proposed "Eastside Symposium" - stated he was optimistic about it becoming a reality. He had directed a questionnaire to attendees of the Tacoma Symposium, and it indicated that about 80 persons would support said symposium. On this, he has continued making plans for the Spring Symposium for May 12-14, 1989 in Couer d'Alene, Idaho.

Pres. Harris reported only one person showed up to be guided to the zeolite area for the field trip. But for the two of them it was a grand day! They found a beautiful vug and carried out all they could handle!

Bob Smith (who has taken over the chair vacated by John Sobolewski) says plans for the symposium are going well. They do need good grade specimens for the auction to help alleviate cost of the symposium. Pre-registration is \$30.00 per person, and includes cost of dinner. Send checks to FM, c/o Robert J. Smith, Mail Room, Box 197, Seattle University, Seattle, WA 98122. ■

Indiana Chapter

At the June meeting 17 people were present and heard John Hill, of the IGS, talk on the general geology of Indiana. He made a very interesting prophecy - of a Richter 7 earthquake in the Midwest within 30 years.

The Indiana Mineral and Fossil Day at the Indiana State Museum was a great success! (*Congratulations on an excellent and well done project . . . ed.*)

The field trips for the chapter include a trip to Anderson, Indiana to the Irving Materials Quarry on the 11th of September. **Only** chapter members may participate on a field trip, only exception being a prospective member who may attend only **one** field trip before joining. Hard hats are required and eye protection is highly recommended. Other field trips planned - September 17 or 24, Pleasant Ridge; October 15 to either Norristown or Corydon, Indiana. And do not forget the annual meeting on November 13 at the Indiana State Museum in Indianapolis.

A week-long program in Michigan's Copper Country was organized by Rich Whiteman, and very well attended. It included field trips, collecting at the Caledonia Mine, a tour of the Seaman Collection at Houghton and a Ransom (auction) Run by Terry Huizing. There is interest in a repeat program for next summer. ■

Southern California Chapter

The SCFM held their July meeting at the Natural History Museum of San Diego. The host was Will Estavillo, Curator.

There was an update on the Josephine L. Scripps Hall of Mineralogy, which is planned to open before 1990. Will discussed the progress he has made in designing interactive exhibits in mineralogy and crystallography.

Symposium business was discussed. The theme for it is to be "Crystals." Proposed speakers are Tony Kampf, keynote speaker, Rock Currier and Joel Bartsch. The symposium is scheduled for Sunday, October 9, 1988 at the MSSC show in Pasadena, and scheduled to begin at 1:00 pm.

A motion was made, and carried, that since the MSSC show is early this year, the Annual Meeting be held in October.

President Bob Reynolds announced that the Grays have moved to Thailand, so the group needs a new Recording Secretary. Jessie Hardman is Secretary Pro Tem. Jessie announced that the largest gemstone in the world (22,800 carats) would be on exhibit at the CFMS show August 27-29 at the Orange County Fairgrounds in Costa Mesa.

The Nomination Committee has proposed the following slate of officers for the year 1989. President: Fred Deviot, Vice-President: Joel Bartsch, Correspond-

ing Secretary: Jessie Hardman, Treasurer: Kay Robertson. The October meeting will be held in Pasadena on Sunday, October 9 at 1:00 pm. Additional nominations will be accepted from the floor.

At the July meeting, Bob Reynolds showed plans for the new California Minerals exhibit to be installed at the San Bernardino County Museum in Redlands. The exhibit will emphasize minerals from California and the southwest. Donations of museum-quality display pieces will be appreciated.

In Pres. Bob Reynolds message in the newsletter, he stresses that the topic for the symposium was chosen in part because of the "Crystal Craze," but mainly . . . "as an effort to attract an audience who deserve information about the mineralogical aspects of their beliefs."

"The mineralogical community will certainly agree that the recognition and appreciation of perfectly formed crystals are important to the study of crystallography and basic tenets of building a collection."

Fig. 85.

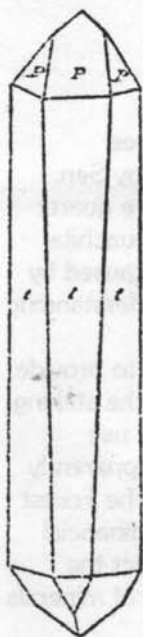


Fig. 86.

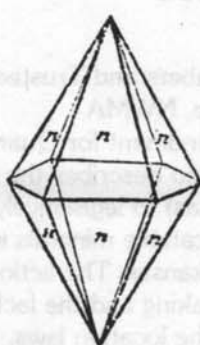


Fig. 88.

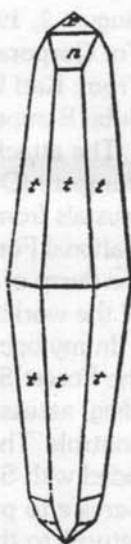
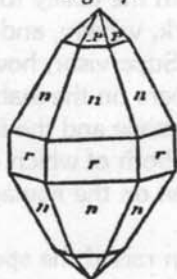


Fig. 87.



"Quartz crystals, presumably used for ceremonial purposes, have been found world wide in prehistoric archaeologic sites. Throughout history various 'powers' and superstitions have centered around some mineral species. As mineral collectors, we experience the 'supernatural' aspect of mineralogy when we find 'one more pocket' in a mine that has been 'dug out,' or turn up that one perfect, misidentified specimen in a stack of flats. . . . Perhaps we will convince someone that the naturally-occurring arrangement of molecules in a crystal lattice is a happening so precise and so beautiful that it is miraculous in itself, and that there is intrinsic value in the preservation of crystal specimens."

Robert Reynolds, President ■

(Wonderful message Robert! . . . ed.)

Fig. 137.

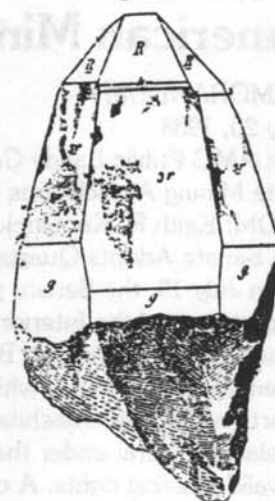
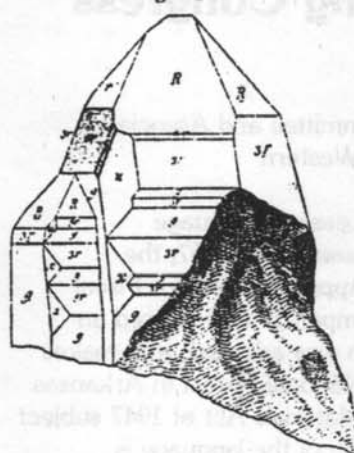


Fig. 136.



New Collecting Regulations

Once upon a time all National Forests were open to casual recreational mineral collecting. This has changed, with the formulation of local regulations in some areas. For example, the Ouachita National Forest is the location for most of the Arkansas quartz crystal mining, and the virtual explosion of the activity has spawned specific restrictions necessary to protect the environment. Unfortunately, this applies to all specimen collecting, not only for quartz, and all parts of Ouachita National Forest.

The published brochures on casual collecting (rock-hounding) are rather ambiguous so, in desperation, I called Mr. John Nichols, Forest Minerals Geologist, in Hot Springs. Mr. Nichols was sympathetic but stated that to be completely safe from possible prosecution, a collector should contact the District Ranger well in advance in writing with a declaration of (1) the objective of the trip, (2) the specific minerals to be sought, (3) the date of the visit and (4) the approximate location of the proposed work. The ranger will then check the location to determine if it is under claim and will then presumably grant permission for reasonable collecting.

If you are a hunter or fisherman, just buy a license and walk in!

Al Kidwell, Vice President ■

Fig. 102.

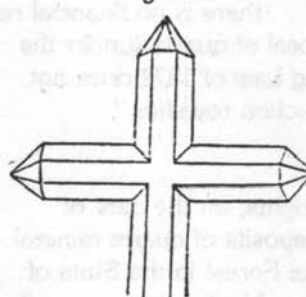
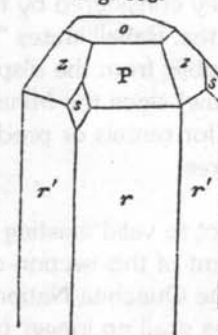


Fig. 103.



Memo - American Mining Congress

MEMORANDUM

July 20, 1988

TO: AMC Public Lands Committee and Associates,
State Mining Associations - Western

FROM: Keith R. Knoblock

RE: Senate Adopts Quartz Leasing Language

On July 13, the Senate passed H.R. 4867, the Department of the Interior Appropriations for Fiscal Year 1989. Senator Dale Bumpers (D-AR) offered an amendment to the bill, which was adopted, that makes quartz within the Ouachita National Forest in Arkansas a salable mineral under the Materials Act of 1947 subject to valid existing rights. A copy of the language is enclosed. Fifty percent of the money received from sales would go to Arkansas for the benefit of public schools and roads in the counties in which the Ouachita National Forest is situated. Quartz remains locatable in all other areas subject to the Mining Law.

Senator Bumpers had previously introduced legislation S.2227 (see my memoranda of April 14 and June 14, 1988) which would have established a competitive leasing system for quartz in the Ouachita National Forest. According to Bumpers, informal discussions with the Bureau of Land Management and Forest Service led him to decide on the approach of making quartz a salable mineral.

under the General Mining Law of 1872 (17 Stat.91), as amended, and all such deposits shall hereafter be disposed of under the same conditions as are applicable to common varieties of mineral materials on such lands under the Materials Act of 1947 (61 Stat. 681), as amended: Provided, that fifty percent of the moneys received pursuant to this section shall be paid by the Secretary of the Treasury to the State of Arkansas, to be expended as the State may prescribe for the benefit of the public schools and public roads of the counties in which the Ouachita National Forest is situated.

Sec. (b)

The Secretary of Agriculture shall prescribe rules and regulations for the disposal of quartz mineral from the Ouachita National Forest.

(Printed with permission from Keith Knoblock.)

From Ray Lasmanis, Ex-President, FM ■

Action Alert

August 2, 1988

To: Corporate Members and Trustees

From: Karl W. Mote, NWMA

Subj: Bumpers Amendment for Quartz Leases

The attached memo describes the action by Sen. Bumpers (D-Arkansas) to legislatively remove quartz crystals from the locatable minerals in the Ouachita National Forest, Arkansas. The action was caused by the flurry of claimstaking and the lack of understanding of the workings of the location laws.

In my opinion, existing laws are adequate to provide the Forest Service with the ability to police the staking, filing, assessment work, validity, and surface use controls. The Forest Supervisor, however, apparently sided with Sen. Bumpers on the inability of the Forest Service to prevent damage and the lack of "financial return" to the public, both of which contradict the Forest Service position on the management of minerals on Forest lands.

The legislation again raised the spectre of piecemeal watering-down of the location-patent system. If quartz crystals can be marketed from a claim they should remain locatable and the market forces would control the continuing use of the claims.

Please comment to Washington Office of the Secretary of Agriculture, to the Senate Committee on Energy and Natural Resources, to the House Committee on Interior and Insular Affairs, and your delegation. Addresses of the first three are in your Service Directory.

Attach: AMC 7/20/88 correspondence

KWM/mkl 02

Northwest Mining Association

404 Peyton Building

Spokane, WA 99201-0790

From Ray Lasmanis, Ex-President, FM ■

Fig. 369.

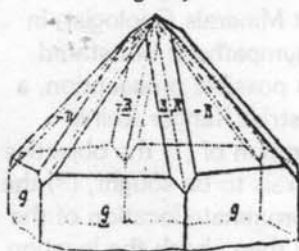
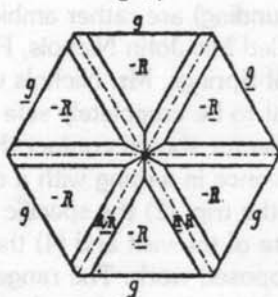


Fig. 370.



Nick J. Rahall, Chairman of the House Subcommittee on Mining and Natural Resources, in a letter (enclosed) to Rep. Sidney Yates, Chairman of the House Interior Appropriations Subcommittee, has endorsed the Bumpers amendment. He asks that the matter be favorably considered by the House-Senate Conference Committee. Rahall states "... there is no financial return to the public from the disposal of quartz (under the mining law) since the Mining Law of 1872 does not provide for rentals or production royalties."

Enclosures

Sec. (a)

Subject to valid existing rights, on the date of enactment of this section deposits of quartz mineral within the Ouachita National Forest in the State of Arkansas shall no longer be subject to location and entry

Nick Rahall Letter

Committee on Interior and Insular Affairs
U.S. House of Representatives
Washington, D.C. 20515
July 15, 1988

Honorable Sidney Yates, Chairman
Subcommittee on Interior
B308 Rayburn House Office Bldg.
Washington, D.C. 20515

Dear Sidney:

During consideration of the fiscal year 1989 Interior and Related Agencies Appropriation Bill by the Senate on July 13, 1988, an amendment authored by Senator Dale Bumpers was adopted which would remove from the operation of the Mining Law of 1872 deposits of quartz minerals within the Ouachita National Forest in Arkansas and instead make this mineral subject to the Materials Act of 1947.

I would like to take this opportunity to associate myself with the remarks Senator Bumpers made in support of his amendment, which can be found on page S 9530 of the July 13, 1988, *Congressional Record*, and ask that you favorably consider this matter during the House - Senate conference. While the Subcommittee on Mining and Natural Resources has not conducted hearings on the quartz situation in the Ouachita National Forest, I have been aware of the problem Senator Bumpers is seeking to address and commend him for his initiative in formulating what I believe to be an extremely innovative solution.

As the senator noted in his remarks, certain "new age beliefs which assign metaphysical qualities and special healing properties to crystals" (popularized in part by actress Shirley MacLaine) have created a quartz-rush so to speak in the Ouachita National Forest which has some of the finest quartz crystal deposits in the world. With over 2,000 mining claims already staked for quartz on the portion of the forest reserved from the public domain, there are growing social and environmental concerns. In addition, there is no financial return to the public from the disposal of quartz in this manner since the Mining Law of 1872 does not provide for rentals for production royalties.

The Materials Act of 1947, however, will allow for the orderly development of these quartz deposits since it provides, in this case, the Secretary of Agriculture with the discretionary authority to conduct competitive sales of the mineral and to require adequate bonding and reclamation of the mining operations.

I commend Senator Bumpers amendment to you and if I can be of any assistance during your deliberations on this matter please let me know.

With warm regards, I am

Sincerely,

NICK J. RAHALL, II

Chairman, Subcommittee on Mining and Natural Resources

cc: Hon. Morris K. Udall

(Reprinted with permission from Keith Knoblock.)

From Ray Lasmanis, Ex-President, FM ■

A Special Note of Thanks!

To Cheryl Stewart, the charming lady, who has been diligently making out all the mailing labels for this newsletter for the past four years. I think she has done an excellent job, and I, for one, really do appreciate the effort that goes into keeping it up to date.

Betty Tlush, Editor ■

Fig. 133.

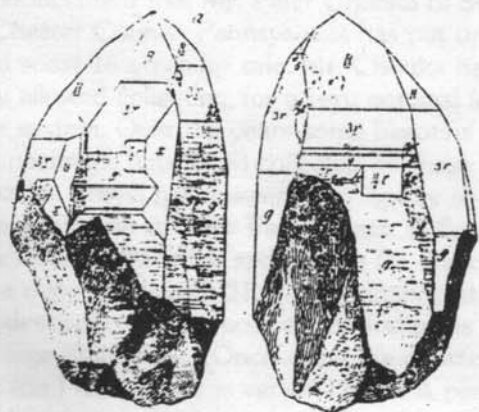


Fig. 52.



Fig. 53.



Our New Look!

The wonderful new look of this newsletter is due to the courtesy of Carolyn Jones (FM National Chapter) and Keith Abernathy, both of Denver, Colorado. They are doing the typesetting, and production. The printing is courtesy of "Copy Cat" also of Denver.

I, for one am very pleased with the new and very updated appearance of this production. I sincerely hope you are all as happy with it as your editor! ■

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Betty Tlush ■ Secretary, FM

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