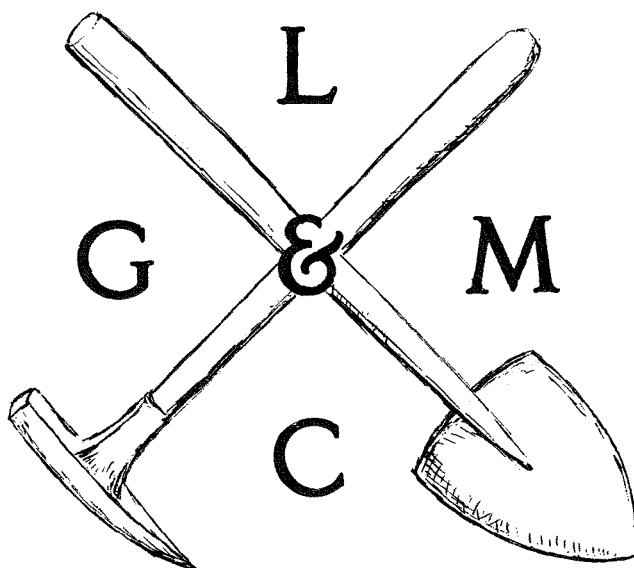


THE PICK & SHOVEL



OFFICIAL PUBLICATION OF
LINCOLN GEM & MINERAL CLUB

LINCOLN, NEBRASKA

Volume 17

Issue 9

April 1977

LINCOLN GEM AND MINERAL CLUB, INC.
P. O. Box 5342, Lincoln, Ne. 68505

The purpose of this corporation shall be to study, promote an interest in, and disseminate knowledge of lapidary and various Earth Sciences including but not necessarily limited to geology, paleontology and mineralogy. It shall be a particular purpose of the corporation to provide education in these fields to its members and the general public, particularly youth and student groups.

MEMBER: Midwest Federation of Mineralogical and Geological Societies (MWF)
American Federation of Mineralogical Societies (AFMS)
Nebraska Association of Earth Science Clubs, Inc. (NAOESCI)
Community Arts Council of Lincoln (CAC)
Nebraska Recreation League (NRL)

Regular Meetings: 4th Saturday of the month, September thru May, 7:30 P. M..
1977 - IOOF Hall, 1101 No. 56th St., Lower Level

1977 ELECTED OFFICERS:

President.....	John Harrison, Jr.	330 Locust	Hickman,68372	792-2337
1st Vice Pres...	Howard Taylor	910 New Hampshire	Lincoln,68508	432-3707
2nd Vice Pres...	Jim Marburger	1910 S. 26th St. Apt. B	Lincoln,68502	432-0214
Recording Secy..	Nelda Oliver	5700 Otoe St.	Lincoln,68506	489-5222
Treasurer.....	Joella Olson	4831 S. Haven Drive	Lincoln,68516	489-5380
Board Member....	Evelyn Ulrich	3521 S. 48th St.	Lincoln,68506	488-9051
Board Member....	Norma Miller	931 Cottenwood Drive	Lincoln,68510	489-8840
Board Member....	Virginia Green	6120 The Knolls	Lincoln,68512	423-5032
Board Member....	Ray Lambert	1201 N. 79th St.	Lincoln,68505	464-8552

STANDING COMMITTEE CHAIRMEN:

Program	Jim Marburger	Liaison	Phyllis Parks & Marita Bigley
Hospitality	Virginia Green	Refreshments	Bob & Sylvia Daniels
Historian	Lois Everett	Education	Howard Taylor
Librarian	Larry & Marita Bigley	Scholarship	Florence Boring
Membership	Marita Bigley	House and	Frank Rule &
Field Trips & Safety	Larry Bigley	Property	Larry Bigley
Calling Committee	Nelda Oliver	Publications	Art Howlett
Vaya Con Dios	Marie J. Carveth		
NAOESCI Reporter	Evelyn Ulrich		

LONG RANGE PLANNING AND BY-LAWS COMMITTEE:

Roger Pabian	-1 Year Remaining	Frank Rule	-2 Years Remaining
Howard Taylor	-1 Year Remaining	Phyllis Parks	-2 Years Remaining
	Larry Bigley		-3 Years Remaining
	Don Carter		-3 Years Remaining

1977 Show Chairman Roger K. Pabian, 300 Sycamore, Lincoln, Ne. 68510 489-3081
1978 Show Chairman Don Carter, 1101 Driftwood Dr., Lincoln, Ne. 68510 489-3442

PICK & SHOVEL STAFF:

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Editor -Evelyn Ulrich, 3521 S. 48th St., Lincoln, Ne. 68506, Phone 488-9051
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Publisher -Phyllis Parks
Reporters -Club Members

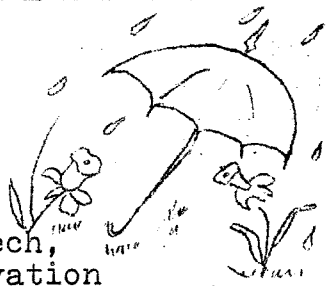
Contributions from members are welcome and needed Deadline for material is the first of the month to be printed. Please send copy to Editor.

Subscriptions to the Pick & Shovel are \$3.00 per year - mailed.

Advertising by a rock-hobby business or interest is permitted with approval of the Board, at a rate presently set at \$10.50 per full page per insertion, with approximately 10 inches by 7 inches of copy. 1/2 page is \$5.25, 1/3 page is \$3.50 and the minimum size ad is 1/4 page at \$2.75 per insertion.

Articles published in THE PICK & SHOVEL may be reprinted if credit is given the author and the bulletin, and a copy of the publication is sent to the Editor.

It isn't raining rain to me,
It's raining daffodils!



Regular meeting.....Sat. April 23, 1977, 7:30 P.M.
LOOF Hall, 1101 No. 56th St.

Program.....Will be presented by Jerry Leech,
University of Nebraska Conservation
and Survey Division. His subject will
be on the reading of topographical maps.
Details on another page.

Refreshments.....Will be served by the Refreshment Committee.

LGMC Board of Directors' Meeting...Thursday, May 5, 1977 at the
home of Nelda Oliver, 5700 Otoe St. 7:30 P.M.

Change of Address....Dr. and Mrs. Hal Janzen, 4327 Cambridge Rd.
Grand Island, Nebr. 68801.

Welcome New Members..Don and Mary Cross, 3241 No. 10th St.
Lincoln, Nebr. 68521. Telephone: 435-4627.

1977 Dates to Remember

Apr. 15-17	Hastings, Ne.	Central Ne. Rock & Min. Show.
Apr. 23-24	Ogallala, Ne.	Prairie Rockhounds Open House.
Apr. 23-24	Sioux Falls, S.D.	Sioux Empire Gem & Min. Show.
Apr. 30 May 1	Watertown, S.D.	Coteau Des Plaines Gem Show.
May 14-15	Hot Springs, S.D.	Picture City Gem & Min. Show.
June 10-12	Hebron, Ne.	NAOESCI Swap.
June 10-12	Salt Lake City, Utah	Rocky Mountain Fed. of Min. Soc.. Show and Convention, Salt Palace Convention Center.
June 17-19	Beatrice, Ne.	Homestead Gem & Min. Club Swap.
July 20-23	Dayton, Ohio	MWF Convention and Show.
July 23-24	Columbus, Ne.	Loup Valley Gem & Min. Soc. Show.
Aug. 20-21	Crawford, Ne.	Northwest Ne. Rock Club Show..
Sept. 3-5	Omaha, Ne.	Nebraska Min. & Gem Club Show.
Sept. 9-11	Kearney, Ne.	Fort Kearney Rock Club State Show.. Holiday Inn, 301 2nd Ave.
Sept. 16-18	Kimball, Ne.	Plains Rock & Min. Club Show.
Oct. 15-16	Grand Island, Ne.	Grand Island Earth Science Club..



Last Month...There was no General Meeting in March because of our 19th Gem and Mineral Show. As you already know, the predicted rains did not arrive until the day after. Attendance was amazing! An extra table had to be set up to take care of the ticket sales, with a long waiting line outside the building.

The show was outstanding-extra fine exhibits, unusually good programs, special features and special exhibits, working demonstrations, and last, but not least, exceptionally good dealers. Visitors from 112 Nebraska towns and 11 states were present at our show.

The states represented were: Arizona, California, Colorado, Idaho, Illinois, Iowa, Kansas, Minnesota, Missouri, Oregon, and South Dakota. This did not include the dealers from other states-just the visitors.

A reception for dealers and workers was held after the show on Saturday night, and an awards breakfast on Sunday morning.

Many beautiful cases were brought in by other Nebraska Clubs. For this we are very grateful, and we hope to help them in like manner when they have their shows.

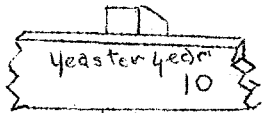


VAYA CON DIOS - May God be with you

No cards were sent this month.

April 1967

The program was not listed, but the Centennial Rockarama was being planned for September. Members were encouraged to dress up in costumes typical of 1867. John Lewis was looking for materials to add to his "Electronic Cabomaker".

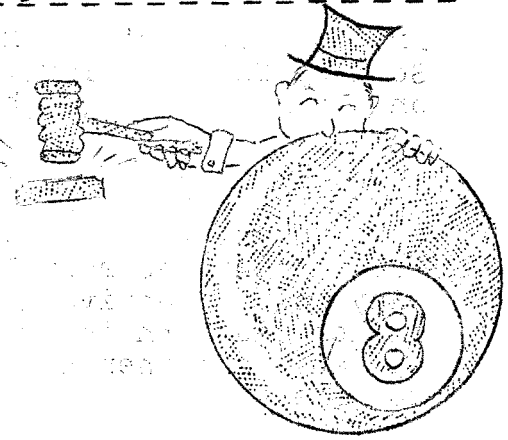


From the notebook of Lois Everett,
LGMC Historian

April Program - Jerry Leach, Chief Cartographer with the University of Nebraska Conservation and Survey Division is going to present a program on the uses of Topographic Maps. This presentation will be designed to help the Rockhound in the field for locations of pits and quarries by use of the legal descriptions. Example: 4 N 5W 16 NW NE SE SW. Also on how the maps can be used in picking the best route when off the road backpacking or driving to better our skills in the field. Included in his talk he will cover the map symbols which are the graphic language of the maps - their shape, size, location, and color all have special significance. The map scale defines the relationship between the measurements of the features as shown on the map as they exist on the Earth's surface. So be here to hear and see this talk on Topographic Maps..

ATTENTION! this program will be before the business meeting.
Program & Educational Chairmen

From the President's Desk



Dear Fellow Club Members:

WOW!, Golly, Gee Whiz, Where are they all coming from?. These and many other comments are what I heard at the show.

There were many new and exciting displays and the programs were greatly attended, more people attended the show than any-time that I know of except the National show of '74.

A great number of people in our club worked many long and hard hours to make sure that the show was a huge success, and what a success it was.

I would like to extend a great big "THANK YOU" to all of you who helped and displayed.

Our club has established our Scholarship Fund and made it a reality with the giving aid to two students at the U of N. This is our fund at local level and don't forget the AFMS fund collection taken at each meeting to help other students in other schools in furthering the hobby that we all enjoy.

Don't forget the program will be prior to the regular club meeting, starting at 7:30 P.M. Sharp. We have a fine program on map orientation.

On April 30th between 10:00 A.M. and 5:00 P.M. we will need some volunteers to help in a booth at Gateway, explaining our hobby to family groups on a learning basis. This show will be put on by Family Services Association. Please contact Jim Marburger, 432-0214, if you can help. THANKS!!!

Well I'll close for now-

See ya at the meeting

John
John

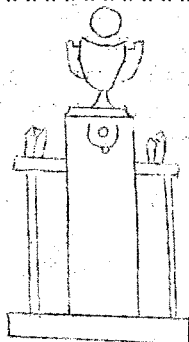
P. S. bring a friend

A FIELD TRIP IS PLANNED FOR SUNDAY APRIL 24th to Weeping Water. More details on club news page.

From the Editor's Desk...Wasn't the show fabulous this year? So many fine displays, special features, programs, etc. Everyone seemed to thoroughly enjoy it.

Some of the items displayed were unique. The Nebraska seal displayed by the Luthis was outstanding. Myrtle Young's diorama was a work of art, and Judy Walt's Mineral Stamp replica in needlepoint was marvelous. Luella Paul's wooden shoe open display was attractive as well as very interesting since her grandfather had worn the wooden shoe. He had worn wooden shoes in Germany, and when he came to the United States he had some made to order.

We should be very proud of our Junior members. They took a very active part in the show. They helped set-up and take-down, displayed and worked. The Harrison young folk constructed the wishing well for the AFMS Scholarship Fund. The Bigley girls were seen demonstrating in the Working Shop, and Mary Green helped with ticket sales. Mary and David Green and Paula and Tracy Bigley entered competition. Mary won a nice trophy. Linda Parks had a lovely case of Indian jewelry and pottery, and Larry and Greg Lyman had a very nice case of geodes.



Trophy Winners

- Best of Lapidary.....Roger Pabian
- Best of Educational.....Joella Olson
- Best of Minerals.....Don Carter
- Best of American Agates.....Barbara Stock
- Best of Show.....Norman Balliet
- Junior Fossil Display.....Mary Green

From Endymion

A thing of beauty is a joy forever:
Its loveliness increases; it will never
Pass into nothingness; but still will keep
A bower quiet for us, and a sleep
Full of sweet dreams, and health, and quiet
breathing.....

Some shape of beauty moves away the pall
From our dark spirits. Such the sun, the moon,
Trees old and young, sprouting a shady boon
For simple sheep; and such are daffodils
With the green world they live in....

John Keats

BOARD MINUTES....March Meeting

Lincoln Gem & Mineral Club board meeting was held at 5700 Otee Street on March 3, 1977 at 7:30 P.M.. President John Harrison, Jr., called the meeting to order with all board members present except Norma Miller, who was excused. Committee members present were Marita Bigley, Roger Pabian, Art Howlett and phyllis Parks.

Minutes of the February meeting were read and approved as read. Treasurers report by Joella Olson, and approved as read. Motion Howard Taylor that AFMS Scholarship funds be sent in quarterly or every three months, seconded Jim Marburger. Carried. Bills read by Treasurer. Motion Virginia Green to pay bills as read, seconded Howard Taylor. Carried.

President, John Harrison, Jr., read flyers on upcoming Gem Shows and a letter from Family Services Association. Motion Howard Taylor that President appoint a 4 man committee to put this display/operation on, on Sat. April 30th, at Gateway Auditorium. Seconded Jim Marburger. Carried.

After discussion a motion Howard Taylor. to print 1000 more letterheads on plain bond paper, seconded Virginia Green.

Dr. Kaul has Cycad plaque - he will try to describe a cycad in one sentence.

Show report by Roger Pabian. Flossie mailed 2300 coupons.

Marita Bigley read application for new membership of Don & Mary Lou Cross from Denver Club. Motion Howard Taylor to accept, seconded Virginia Green, Carried.

Jim Marburger was told to continue building on the Gems on Location for Nebraska.

Report from Long Range Planning on by-laws, to be discussed further at the April Board meeting. Motion Howard Taylor club buy two subscriptions to Gem Palet, seconded Evelyn Ulrich. Carried.

A motion Howard Taylor, after discussion, to put in a bid for 1978 Nebraska State Association Show to be held in Lincoln in conjunction with our regular show dates, seconded Jim Marburger and Ray Lambert. Carried.

Any records sent to MWF archives will be put in a permanent file in field museum.

The scholarships discussed, to be put in the U of N Foundation and earmark toward the recipients education. Howard Taylor will meet with Travis about scholarship fund for two UNL Geology Students

Meeting adjourned

Next Board meeting at 5700 Otee on April 6, 1977.

Nelda Oliver, Secretary

The Long Range Planning Committee and By-Laws Committee have written up some proposed changes in our By-Laws at the request of the Board of Directors and they have now been approved by the Board of Directors ready for presentation to the membership at the April meeting. Please study these proposed changes carefully and be ready to take action on them April 23, 1977.

Article I, Section 2, Paragraph e (Change word unanimous to majority)

To read -A member may be reinstated upon request, by a majority vote of the Board of Directors, provided that dues, plus a reinstatement fee of \$1.00 shall have been paid.

Article I, Section 3, Paragraph f (New paragraph setting difference in time between reinstatement and new member)

To read -Former members who have been out of the club for a period of 3 years or more shall come in as new members with proper sponsorship.

Article I, Section 7. (New section concerning membership)

To read -Any club member who misrepresents themselves as an official representative of the Lincoln Gem and Mineral Club without prior written authorization or shall bring discredit to the Lincoln Gem and Mineral Club thru actions adverse to the club may be removed as a member in good standing at the discretion of the Board of Directors.

Article II, Section 3 (New - to establish a Standing Committee)

To read -Section 3. - Standing Committee

- (a) The Long Range Planning Committee (formed in 1974 by vote of the club) and the By-Laws Committee shall be combined into a single permanent committee to be known as the By-Laws and Long Range Planning Committee and shall consist of 6 members each serving a 3 year term.
- (b) Each year the outgoing President shall appoint himself and one other person (Preferably not a current elected official) to serve a 3 year term on the By-Law and Long Range Planning Committee.
- (c) The Committee shall study and make recommendations to the Board of Directors all subjects referred to it by the President or Board. It may also initiate studies of subjects it deems of Long Range significance. This Committee shall review and recommend up-dates in the By-Laws and Operating Procedures of the club.

Article II, Section 4-Duties of Appointees (To change number of Section if 3 approved.)

Article II, Section 5 - (To change number of Section if Section 3 is approved)

Article IV, Section 1 -(To change number of members, manner of selection and term in office of the Nominating Committee)

To read - The Nominating Committee shall consist of seven members. The immediate Past-President of the club shall be the Chairman of the committee and shall serve for a term of one year. Six members shall be elected from a multiple slate by the club for a term of up to three years. When first established, six members shall be elected and the members shall determine by lot which (2) shall serve for one year, which members shall serve

continued next side

Proposed By-Law changes - continued from page 4c

for two years and the remaining two shall serve for three years. Thereafter two members shall be elected at the club's annual election. A vacancy on the committee shall be filled by appointment by the Board, such appointment lasting however only until the next annual election meeting of the club.

The Nominating Committee shall, not later than the second meeting before the date set for the club election meeting, submit to the club a single slate of candidates for the elected officers and board members, a President, a First Vice-President, a Second Vice-President, a Recording Secretary, a Treasurer, and four (4) Directors. Such candidates shall be investigated as to the eligibility and their ability to fulfil the position so required of them. They shall have signified willingness to accept the nominations and if elected to perform all duties as may be prescribed.

An officer may succeed himself or herself. Nominations will also be taken from the floor, by consent of the nominees, at the second meeting before the annual election.

The Chairman of the Nominating Committee, not later than 45 days prior to the election meeting shall place the copy of the slate of nominees and those nominated from the floor in the Pick & Shovel.

Article V, Section 5 - New (giving birth to 'Standard Operating Procedures Manual' and outlining its purpose, revision possibilities, etc.)

To read - Details of operation not included in the Articles of Incorporation or the By-laws of this Corporation that are of a continuing nature, to be made mandatory on succeeding administrations until amended, suspended or rescinded, shall be authorized by Standard Operating Procedures, upon approval of the Board of Directors, as outlined in our Standard Operating Procedures System.

Suggested operating procedures may be submitted by any member of the Board of Directors, or by any adult member of the society to a member of the Board of Directors who must in turn submit it for consideration.

Operating procedures may be adopted or suspended by the Board of Directors, or they may be amended or rescinded at a club meeting by a two-thirds vote of those members present and voting. After adoption, operating procedures become mandatory until amended, suspended or rescinded.

No operating procedure is in order that violates the Club's Article of Incorporation or its' By-Laws.

Prepared for publication by Phyllis Parks, Long Range Committee Secretary, after due consideration and approval by the 1977 Board of Directors of LGNC at it's meetings in March and April.

1977 SHOW & VACATION THOUGHTS

I wish to begin by thanking all of the exhibitors, committee members, workers, and participants that we had for the recent show. The show committee was pleased by both the participation of our own club members as well as the participation of many of our neighboring clubs. We also felt that the quantity and quality of displays was the highest it has been in a number of years. Many thanks are due to the exhibitors who went to so many extra pains to improve and update their displays. The paying public expressed great satisfaction with the show and so did the dealers and demonstrators. Finally, the show will be in the black, a fact that I am glad to report.

The show is now over except for the final keeping of the books and that should be ready, hopefully, by the April meeting. If not, it will be ready for the May Pick and Shovel.

Many of us are now planning our vacations for this summer. Many of us go into our field tripping without taking along a very important piece of equipment, that being the camera. Pictures can provide us with an everlasting, visual record of our trips, collecting sites, scenery, friends, and relatives. A highly versatile camera may cost quite a bit, \$1,500 or more, but for much lower figures some very good photographic equipment may be purchased. Also, used camera systems of a highly versatile nature are available for quite reasonable prices. There are several reputable camera dealers in Lincoln, and many advertise in photographic publications that are available on the newsstands.

A 35mm, single lens reflex (SLR) camera is usually the best for our purposes. They are light, rugged, small, and usually have good optics (lenses). Most have a built-in exposure meter and are no more difficult to operate than many of the low priced cameras. The chief advantage of the SLR camera is that a variety of lenses for a variety of purposes is available. Normally, a SLR camera comes with a 50 or 55 mm. regular lens with f. stops ranging from 1.8+ to 22. An f.1, 50 mm lens is 50 mm away from the focal plane, or is the same diameter as the distance from the lens to the focal plane. An f. 1.8 lens is 0.555 the distance from the lens to the focal plane if the lens is 50 mm; an f.22 lens opening is about 1/20th the distance. In other words, the larger the f. stop, the lesser the amount of light reaches the film in making the exposure. Small lens openings give the added advantage of depth of field, but much slower exposure times are required. A 50 or 55 mm. lens will do most of the picture taking we need.

A macro lens is one that allows us to take some very close up shots of very tiny objects. They will usually have a 50 to 60 mm. focal length with apertures that range from about f.4 to f.22. They may be used in much the same fashion as a regular lens but have the added close-up feature.

A wide angle lens usually has a very short focal length (10 to 35 mm) but is excellent for scenery shots, especially in wooded or mountainous areas. In small areas, the wide angle lens may cause some distortion near the corners of the photo. As a general rule of thumb, the shorter the focal length of the lens, the wider the angle of the picture.

The telephoto or zoom lens is also handy. With this type of lens, we can make pictures of scenes that are too distant to drive to, or we may use them at closer range to photograph small animal life such as lizards, birds, or prairie dogs. We have numerous types of lenses, and, of course, their actual mechanics are more complex than the above introduction implies. However, the library has numerous books on the subject.

Next month, I will donate a bit of time to film types and those that I think serve the rock collectors purposes best.

Roger Pabian

Nelda's News



We still haven't had word when our southern travelers are coming home.

Be sure to stop in to visit with Ray and Kathy Grabher at the Jewels store on 'O' Street.

We are happy to hear allof our hospitalized members are back home again.

A field trip to Fullerton on April 9th , found 15 people turn out for a trip to the old Drews pits and later to another close by. It was a nice day for the trip, but a bit windy.

Norma Miller has returned home after visiting her new Gandbaby in Minnesota. Be sure to ask her to show the pictures to you.

May 14-15, 1977- Ellinwood, Kansas -Rock Swap.

- No admission - City Park
- Door Prizes, Rock Auction, Tailgating,
- Concessions stand, Church Services
- BUY - SELL - TRADE

Contact - Jim Glynn, 1116 Hubbard Street, Great Bend, Kansas 67530

C B CALL LETTERS, AD THESE TO YOUR LIST IN THE WHO'S WHO.....

- Tom Simmons KHM-4883
- Wilfrid Wittmann KXR-6976 - Capital City Streaker
- Ollie Wittmann KXR-6976 - Looney Loon

Any one else who is not in the book and would like to have your call letter, and handle, please contact me 489-5222.

The 1977 show was a huge success by all reports and the awards breakfast was very good and well attended so I have been told. They say the food was real good and it was nice to have the breakfast in the same building as the show..

FIELD TRIP on Sunday April 24th to Weeping Water is planned. We'll be looking for horn coral and chert. Also we'll be picking up small horn corals for the grab bags at the 1978 Show. We'll meet on the west edge of town at 9:30 A.M. Bring your lunch and water and plenty of enthusiasm. If more details are needed call Field Trip Chairman Larry Bigley or catch him at the regular meeting on April 23rd.

At our 19th annual Lincoln Gem & Mineral Club Show we were privileged to present as one of our speakers Mr. T. Theodore Cadeau of Dayton, Ohio. He is Legislative Chairman for the Midwest Federation. Mr. Cadeau presented two excellent seminars at our March show and gave us this article to share with you, our rockhound friends. -mb

THE PRESERVATION OF OUR ROCKHOUND HOBBY

There have been many bills presented to Congress--and probably more to come--which state that their purpose is to:

- 1.) Promote exploration for, and production of minerals, in leasable Federal Lands.
- 2.) Promote conservation and to encourage maximum recovery.
- 3.) Insure a fair return to the public on the disposition of its mineral resources.

Some of these bills would seem to allow leases without competition. (A fair return? Promote exploration? Maximum recovery?) Some would seem to allow control of the land to pass into private hands with no return other than a small rental payment for as many as 50 years. (Maximum return? Promote exploration and production? A fair return?) There are other Bills apparently either in the process, or already passed, which seem to give the BLM far reaching powers of seizure and search without just cause or without a warrant. (Must we pay the price of freedom in the name of conservation?)

We are all agreed that conservation of our irreplaceable resources of land, water and air are imperative. We are probably also agreed that if resources can be put to good use--and if these resources are on or in public lands--that the owners, the public of this country, should be given a fair return. We ask only that our legislators do give the public the protection that they should have.

To conserve for the future sounds great but what about those whose future is now? Retirees and those approaching retirement must be considered. Our government shows great concern for our tax dollars when it passes laws which try to control medical costs. An active mind and body both help to preserve health and what other hobby does so much of both as "rockhounding". How blind can some be who would fight for reduction of health costs on one hand and on the other state that these same people must "backpack" into certain public lands or be denied the right to enter. The Health of these people is good but how many older people can "backpack".

Whose future are we conserving? We do not wish to be negative! The point is that we must help our legislators pass laws that are fair to all. We wish to prevent misuse--but we don't wish to prevent proper use. Democracy demands a lot of communicating and participating. Participate and communicate--let your elected representatives know what you consider to be fair concerning these laws and controls. Help to keep open, with proper controls, these areas that belong to the public.

There are always two or more sides to a discussion and we would be the last people in the world not to agree that some of our members do not conduct themselves in the best manner. It is up to all of us to help monitor these members. Every transgression helps to bring tighter controls. All Federations--and hence clubs--have rules and regulations concerning ecology and conservation. So we must make a choice--participate or blame no one but ourselves. If we all take positive action, just maybe we will all feel good again--for good.

T. Theodore Cadeau, MWF Legislative Chairman

WHERE THE HELL IS QUARTZSITE?---by Marie Wells

Sometimes the best laid plans of mice and men go astray, and so it was with the plans we had made to attend the Quartzsite, Arizona Pow Wow. However, two weeks late, we did take off on February 24th for Quartzsite.

We traveled route U.S. 81 to Wichita, Kansas, I 35 to Oklahoma City where we picked up I 35 into Santa Rosa, N. M., and then U.S. 54 south to LasCruces, N.M. and I 10 to Tucson, with Quartzsite just 21 miles from the California border.

We contended with high wind throughout Kansas and Oklahoma and at places dust so dense we had to put on our headlights. Everywhere dry conditions were evident, and we could not help but notice large numbers of rundown and deserted farmsteads. Seemed as when one crossed the border of each state into another, immediately we noticed changes in the color of the soil, plant life, and source of income. Wheat and oil in Kansas, oil in Oklahoma, and in New Mexico it was hard to determine just how people did make a living. We decided it might be mining. Many of their towns seem to have no rhyme or reason for orderly growth. Dwellings consisted largely of trailer homes, mobile homes, and here and there large beautiful homes in the midst of squalor. Arizona has to be the Sunshine State..

Eleven years ago Lynn drove from Lincoln to Tucumcari in one day. This time we were content to cover the same distance in two days. At Vega, Texas we drove into dust being moistened with rain and soon driving rain turned into a driving snow storm. At last we pulled into Tucumcari about 7:00 P.M. The whole side of our car was coated with a mixture of sand, dirt and ice so thick that I was unable to open the right car door. However, the formation of ice on the right side looked like brown ribbon chalcedony agate. It was not until noon the next day that we lost all of the coating.

There is an interesting story as to how Tucumcari got its name. It seemed an old Apache Chief was about to die. His two finest braves Tonopah and Tocom, were enemies and deadly rivals for the hand of Kari, daughter of the old chief, who loved Tocom and hated Tonopah. The two braves were called to the side of the dying chief and told they must take long knives and meet in combat to see who would be his successor and win the hand of his daughter. The two rivals met in deadly combat. Unknown to either, Kari was watching near by. The knife of Tonopah found the heart of Tocom. Kari rushed from her hiding place and plunged her knife into the heart of Tonopah. Then taking Tocom's knife, she stabbed herself. The old chief was led to the scene. Heart broken, he seized Kari's knife, plunged it into his heart, crying in agony, "Tocom-Kari!" The dying utterance lives on with a slight change to "Tucumcari".

Getting back to our trip: The next morning we could have gone ice skating any where so we waited until a good thaw was set in before driving on. We could see the lava flow about 40 miles long and several miles away from the highway which is believed to be

continued

WHERE THE HECK IS QUARTZSITE? continued

the youngest upheaval of mountains in the continent. In the far distance we could see the White Sands of New Mexico, and stopped at the National Monument. Here we learned it's not sand at all-but gypsum! We were not permitted to take any specimens from the area. The White Sand area is a military base used for nuclear testing. Stops were made at Rockhound State Park near Deming, New Mexico, and at Shakespeare, a ghost town near Lordsbury, New Mexico. We combed the mine dumps for Bornite, Azurite and Pyrite crystals. Nothing of any great value was found. There were many different varieties of cactus in the area that I would've liked to have taken home.

We arrived at the home of our friends in Tucson late Sunday afternoon and stayed with them until the following Saturday morning.. A trip was made to the Saguaro National Monument. Here were seen huge Saguaro cactus-most of them over a hundred years old. There are more than 60 species of cacti in Arizona, 26 species could be seen on this drive. Here we saw our first and only roadrunner on the whole trip. We ate our lunch in the shade of huge Banded Gneiss boulders.

Wednesday it happened! I broke my 9th rib and was badly bruised in a freak accident. If you want to know in detail how it happened, ask Lynn, only evaluate carefully the colorful description and authenticity of his narration. In any language it sure altered the enjoyment of the rest of the trip for me.

Saturday morning we left for Quartzsite and stayed four nights in this unbelievable city. It's a city that has two grocery stores, two motels, three restaurants, a medical center, library, twelve trailer parks, a bakery, a laundromat and a new post office building. It was said that over 700,000 people attended the town's Pow Wow this year. The population of 400 citizens swells to 125,000 during the winter months, with approximately 60% being Rockhounds from all over the U.S.A. and Canada.

It was good to be with the McGinnis and treated to a good Nebraska type meal prepared by Glenna. We really were some kind of a quartet. Two guys with heart problems, one woman with a broken back and another with a broken rib. We had about as much business being in the Southern California desert as a blind gold prospector.. Never the less the desert sun felt good on our sore spots. We think George may have found a small nugget of gold at an old abandoned 1870 gold mine near Tumco, Ca. In this area some of the cactus had started blooming and millions of yellow cups, sunflowers, verbenas, purple lupines and little desert star daisies were in full bloom.

A visit was made to the Hi Jolly cemetery (named after an Arabian camel driver buried there) on the outskirts of Quartzsite. There are no large grave markers, many are just wooden markers at the head of a grave. Most graves were crudely covered with a cement slab in which bronze markers were cemented. Flowers were artificial and held down with rocks. In fact a trip to the cemetery revealed many fine specimens of petrified wood and minerals bordering the plots. One plot had six members of the "Scott family" buried in a row, each grave covered with a cement slab making the graves look like a cemented driveway.

WHERE THE HECK IS QUARTZSITE?---continued

The 9th of March we left Quartzsite and headed for Lynn's home town of Ogden, Utah. Again we were faced with blowing dust and sand with visibility near zero when Las Vegas was reached, a little after 4:00 P.M. By morning the wind was blowing gravel but we decided to brave the storm and left the "Devil's City". We drove through Zion Canyon, the awesome grandeur and magnificence of these canyons are absolutely breathtaking and frightening. By the time we completed this scenic drive it was snowing, so we decided against going to Bryce Canyon and spent the night at Salina, Utah.

The next morning we drove through snow and fog so thick you could cut it with a knife but we did finally arrive in Ogden mid afternoon. It was good to visit with Lynn's kin folk and also with Mary Anderson and her husband. It's a small world. They knew many of the same people known by the Wells. Reports of blizzards and closed roads in Nebraska delayed our home coming. Finally on the 15th we left for home and good old Nebraska. We made the last leg of our trip in two days and am glad to report it's good to be home. It was aggravating to put up with a nagging rib and I would gladly have given it back to any old man. Lynn said that I should have taken a spare along (rib that is).

Thought some of you might like to know that Art Howlett is available for showing slide programs for shut-ins, schools, churches, senior groups or whatever. He also has a rock display for each show.

During the month of March he has shown at Lancaster Manor, St. Patrick School 5th grade-Connie Brown, teacher; during senior citizens' lunch hour at St. Paul Methodist Church, East Christian Church, First Methodist Church, St. James United Methodist, and a special program for the Lenten season at the Second Presbyterian Church. The programs are of various subjects, mostly travel.

Call him if you need a show. All free, of course.

Want to Trade?

Geologist-collector wishes to exchange crystallized minerals for quartz specimens.

Paul F. Patchick
414 Bishop Ave.
Pacific Grove, Ca. 93950
via Smoke Signals

WYOMING FIELD TRIP

A letter from Daniel Mount of Harrisburg, Ne. extends an invitation to join his group on a Memorial Day field trip to Wyoming. Here is an itinerary of the trip as planned by Mr. Mount:

A TRIP, SEVEN OR EIGHT DAYS IN OLD WYOMING

We will leave Saturday morning, May 27th, from the Jack and Jill parking lot on West 27th Street and Ave. I (eye) Scottsbluff, by way of Guernsey, Douglas and Casper. First stop will be at the Rock Museum at Alcova for 30 or 45 minutes.

Then on to agatized brown wood north of Muddy Gap for a while, then if some want to stop at Hap Vondrasek's Jade Shop for a while, we will. Some may want to stay at Hap's camp site for the night. Some of us may go on out to the Sweetwater beds to camp.

Will dig Sweetwater and moonstone agates Sunday the 28th. Monday the 29th we will travel to Farson, a 175 mile trip, to camp for three days-the 30th, 31st and June 1st. Will go digging for fossil fish and other fossils, then to the Blue Forest to dig for the best blue agate limb cast and gather other kinds of wood. There can be artifacts found in the area, then we will go up around the Big Sandy Reservoir, Eden Valley Res. and the Sublette area. There will be large and small canyons to hunt in as well as sand and stream beds, where a lot of things will be exposed during the winter from washing and blowing.

Then June the second will travel on to Wamsutter, a distance of 125 miles, to the turritella agate area, for a day, then we will head for home June 5th. On this trip there can be other things to be found such as: flint, chert, Jasper, quartz, feldspar, crystals, chalcedony, jade, beryl, and others. Farson is in the heart of the famous Eden Valley agatized wood limb cast area.

All the hunting will be on BLM land this trip. No littering. Fill all diggings-BLM law.

Daniel Mount, Field Tripper
Harrisburg, Nebraska, 69345

Mr. Mount requests the name, address and vehicle license number of those wishing to take the trip by May 15th. He wishes to put them in the log book he is making for the trip. He will call roll Saturday morning at 7 o'clock. There will be more information concerning the trip in the May Pick & Shovel.

GYPSIES --- BLESSINGS --- BADLANDS

by J.D.Young

If a gypsy "lady" offers to "bless" the money in your cash box, politely postpone her occult ceremony, though fiscally tempting- or you may be sorry. More about this later, "Good Buddy".

In the March Pick & Shovel I mentioned our late 1920's tourist camp operating experience in the South Dakota Badlands. Here is more about those "good old days" before regulations, restrictions and C.B.s, when rockhounds and travelers were less inhibited. It seemed to be an age of calm. President Coolidge could keep silent in 7 different languages while choosing "not to run"; Hoover's "2 chickens in every pot" were not yet incubated; King Tut's tomb was no longer top billing. The nickel cigar and 5¢ cup of coffee neighbored with the big 20¢ near beer. An old rancher said, "Whoever named it near-beer was a poor judge of distance."

"THE OASIS", our camp, was just a small place at a right angle corner on old Highway #40, about a mile south of Conata, a cowtown on the Milwaukee. Today it isn't even a ghost town-no spirit; and of the Oasis, only a small nostalgic depression in the Badlands soil remains, surrounded by greener grass. We served short orders and soft drinks, sold gas and rented tent space-50¢ per night and no hook-ups.

Old #40 was a slimy mess when it rained, and it was a rutted corduroy when it didn't rain. Rocks could have been tumble-polished by being carried on a Model T running board properly immersed. But, what scenery and delightful fresh air; a rockhound's paradise with unlimited scrounging any place one chose to stop to let a Model T cool off, or let Grandma pick flowers..

The only Diesels on the road were overheated "Tin Lizzies". They would continue to sputter away with the ignition switch off. "Smokey" meant the steaming radiator, "Old Faceful". "Grass" was what the scenery lacked; "Acid" was what ate up the cable ends on one's 6V battery in the heart of the wilderness. Other examples of our language evolution might be "off limits"; so be it;

The Oasis was minus electricity and plumbing-primitive, not posh. Tourists had to be rugged and resourceful. Kerosene and gasoline lanterns furnished light; the "Armstong" gas pump was honest, unleaded and maxi-service. The only grumblers were impatient Easterners wanting to reach the Black Hills, to learn more about Roker Alice, Calamity Jane and Wild Bill. Some mistakenly hoped to find Creeping Jenny and Trailing Arbutus. One sucker had paid \$5.00 (down the road) for a pair of "rare porcupine eggs"-2 cockleburs nestled in a cotton-lined box. Some corn-laid-by Iowans lamented our lack of good corn ground; Wisconsinites said the range cows looked unequipped to produce much Grade A; over-cautious Chicagoans (Cicero!) with steering-post pistols wanted a fast draw in the "Wild West".

continued

GYPSIES - BLESSINGS - BADLANDS continued

Prohibition did not prohibit, so some drivers would have flunked the test, had there been one. A car of men, having "had too much" wavered up to the gas pump; the driver leaned out, "Shay, Mishter, We been smelling something burning, - could it be one of them prairie fires?" His own blanketed running board smoldered from a tossed cigarette.

The typical tourist car bristled with spare parts, extra food, luggage, emergency fuel and camp gear, with some space for antlers, skulls and boxes of "leaverites". One carried 4 live hens roosting on the seat rail, believe it or not!

We hauled supplies and ice from Rapid City, 75 miles, or from Lead, another 60 miles. While returning late one rainy night I almost "Bailed out" as I descended slippery Dillon Pass. To stop meant slow slippage over the edge into the abyss, to continue on down the steep, unprotected curves meant possible skidding. I chose to risk the latter and reached home safely. Dillon is the color spot of the Badlands and few people today notice it as they cruise along on the improved highway.

Between the modern Badlands Visitor Center at the foot of Cedar Pass and Dillon is Big Foot Pass, named for Chief Big Foot (Satanka) who in Dec. 1890 descended it with his hungry Sioux people on their way to their fate at Wounded Knee. See pages 92 and 93 in Neihardt's "Song of the Messiah". For the tragic ending see pages 109 and 110.

The Oasis, despite its name, was waterless. Each day we hauled barrels of water from the Indian Reservation beyond the White River ford. Water was commodity #1. The now-famous Wall Drug Store was just starting its "free ice water" welcome. We were doing it, too.

One day 3 Packard cars of Gypsies stopped in front of our lunch room. A woman with 2 small children entered and begged for water, which we gave willingly. Then she gratefully offered, "I bless yo money-gives good fortune." Not aware of this old trick, we permitted her, and watched her hasty exit. The 3 Packards soon disappeared in the dust toward Cedar Pass. We checked the now-sanctified money till, and a ten dollar bill missing. Yes, "the hand is quicker than the eye", and on a gypsy it can stick to instant plunder. The class yell of the School of Experience is OUCH! How we pursued those Packards with our old Essex 4, top down and F-head motor roaring, is a Badlands classic. As we think back now with adult sense, we were more foolhardy than brave.

J.D.Y.

P.S. Yes, we did recover the crumpled, still-warm 10 dollar bill. In those days that was money!

Handy Hints

Some small items found helpful on rock trips include a tea strainer for the little pieces you might find in the bottom of a stream bed or in small depressions at a mine that have filled with rain water. A small pad to kneel on helps where rocks are sharp. A three pronged garden weeder is very useful in digging on the mine dumps. The GI entrenching tool is a fine addition to your rock hunting equipment and worth the extra weight you have to lug. Keeping your field gear together in a box that is easily put into your car or even carried regularly in the trunk is a time saver.

from Main Life via The Geode

Polishing Tip by Leslie Case, TRMS Member

When you are polishing a rock on the vibrator, tin Oxide tends to enter holes or cracks and is very difficult to remove because tin oxide is insoluble in any known alkaline solvent.

Cerium oxide will dissolve slowly in sulfuric acid, therefore, it is a good practice to polish a rock with cerium oxide and then soak the rock in a sulfuric acid solution. Sulfuric acid for this purpose is commercial quality, available at chemical companies. It should be diluted approximately 50-50. Be sure and add the acid to the water with care to avoid splattering. A pyrex or ceramic vessel is advantageous because it may be heated and thus speed the process.

via The T-Town Rockhound

Opening Geodes...When sawing geodes or agate-filled nodules, first look for the largest dome on the specimen. This dome was in the upright position when the specimen was forming. Saw through this largest dome and it is likely you will expose the "Picture" or surface. Should the specimen be elongated or egg-shaped, saw it lengthwise to obtain the best exposure.

Often spherical or egg-shaped specimens have a tendency to slip in the vice used with the saw. To prevent this, pieces of masonite or other soft board attached to each side of the specimen, will provide a better grip. The saw can be allowed to cut through the board without damaging the diamond set of the saw.

via Michigan Lapidary Society, Inc.

When polishing, do not use a saucer, dish or pan and messy brush to apply the polishing agent. Such methods invite contamination. Instead, procure a plastic bottle with a long tip. The hair dressers dispose of many of them every day. Put the polishing agent into the bottle, add water, also a small stone or buckshot. The purpose of the stone or buckshot is to agitate and stir up the polishing powder when you shake the bottle. Shake well and squirt the solution on the felt, leather or canvas. No more contamination. No waste of polishing agent.

via Boulder Buster Press

HEALTH AND SAFETY

This may save your life. Some have snake bite kits which include suction cups, razor blades, tourniquets, etc. and then you are told to get to a doctor for serum and treatments. I want to tell you about what is used by a Missionary I have known since 1931, who has been in Africa for 42 years. He has a hospital there and treats all kinds of maladies including snakebite.

Most snakes in Africa are poisonous, and many natives are bitten. During the span of his 42 years, only one patient died, and this was not the fault of the hospital, as it was too long after being bitten before any kind of treatment could be given the victim, and he succumbed.

Reverend Otto Deming, at his hospital in Tatanda, Tanzania, Africa uses a 10% solution of Epsom Salts: 2 cc being injected into and around the bite, which stops the pain and neutralizes the poison. An alternate used by the Australians is to enlarge the puncture and put the salts crystals into the bite. Both methods are effective.

If you wonder whether this method would work on a rattlesnake bite: the black mambo snake makes the rattler a gentleman by comparison. Some snake venoms cause blood poison, others nerve poison, and still others act on both blood and nerves. In using this remedy of Epsom Salts, there have been no side effects in any case, nor has there been any snake whose poison was not neutralized, which cannot be said for some serums.

A few of the snakes whose bites have been treated successfully are: the black mambo, gabon viper, puff adder, green viper, tiger snake, cobra, spitting cobra, and many other species, all of which are poisonous.

The antidote can also be used on your pet if he is bitten. The method used on both humans and pets is the same. Take a sharp instrument, such as a knife blade, and enlarge the wound. Then push either the solution described above, or just plain Epsom Salts crystals, into the bite. Both are effective. The dry crystals method is probably the one easiest to use by the rockhound. If your doctor has never used this method he might not know by experience its effectiveness, but actually this doesn't matter. He will agree that 2cc of 10% Epsom Salts (Magnesium sulfate) could not hurt you, but could save your life, or that of someone else or of your pet.

So remember! Add Epsom Salts crystals to your first aid kit! This may save your life!

Sterling Rupard from Rock Grinder, via Gems and Tule
Smoke signals.

Another natural resource that is near exhaustion is the taxpayer.
via Rock Trails and Tule Smoke
Signals

QUIZ

(Taken from "Genform", a newsletter from a club in Australia)
via Illowa News Grinder

- 1. Which gemstone is the odd one out of: a. Malachite b. Chrysoprase c. Azurite d. Emerald
2. Which is the generally accepted age of the earth: a. 3,300 million years b. 4,500 " " c. 1,700 " " d. 6,000 " "
3. Which one of these gems does not crystallize in the isometric system: a. Diamond b. Sapphire c. Garnet d. Spinel
4. In which of these types of rock would you never find fossil remains: a. Chert b. Limestone c. Slate d. Granite
5. Which of these is a CULET: a. A groove in a dopstick b. A facet c. A water container d. An inclusion in a gemstone
6. Tumbled together, which of these is likely to come off second best: a. Petrified Wood b. Floodstone c. Jadeite d. Rhodochrosite
7. Which mineral is the odd one out of: a. Flos Ferri b. Alabaster c. Selenite d. Satin Spar
8. Which of the following is not an element: a. Germanium b. Holmium c. Halogen d. Krypton
9. Which of these minerals is not a garnet: a. Pyrope b. Garnierite c. Grossularite d. Almandine
10. In which geological period did the first known land plants appear: a. Silurian b. Carboniferous c. Devonian d. Permian

(Turn the book to find the answers)

Did you ever get the feeling that the inside of your wallet was coated with Teflon?

Middle age: When actions creak louder than words! ! ! !

- 1. (c) Azurite is blue, all of the others are always green.
2. (b) 4,500 million years ago.
3. (b) Sapphire crystallized in the hexagonal system.
4. (d) Granite, an igneous rock which solidified at depth (plutonic).
5. (b) The optional 58th facet in the brilliant cut.
6. (d) Rhodochrosite - crystalline in structure, H 3.5 to 4.5. All of the others are micro-crystalline or compact materials, H 7 (approx).
7. (a) Flos Ferri is a stalactitic variety of Aragonite (CaCO3). All of the others are forms of Gypsum (CaSO4.2H2O).
8. (c) Halogen - the name given to a group of elements which include Chlorine, Fluorine, Bromine, and Iodine.
9. (b) Garnierite - a hydrous nickel magnesium silicate unknown as a crystal and with a hardness of 2 to 3.
10. (a) It is generally accepted that the first (vascular) land plants appeared towards the end of the Silurian period.

AFMS NEWS

Gas Leaks Found in Recreational Vehicles.

A report from the Center for Disease Control indicates "a potentially serious health problem" exists with the use of liquefied petroleum gas and carbon monoxide leaks in recreational vehicles.

In New Mexico out of 410 recreational vehicles checked last year during a four month period it was found that 173 (or 42%) were leaking liquefied gas in the living quarters. Investigation found loose or faulty connections on appliances and stove pilot lights left on and not lit were the cause of the leaks.

Also, excessive concentrations of carbon monoxide were detected inside 15% of the vehicles checked. These included small trailers and pick-up campers.

Reasons for the leaking problem in the vehicles was blamed on operators inadequate maintenance, carelessness, and being unaware of the hazards involved.

Egyptian Jewelry by June Zeitner

A new big hit on the jewelry market is the Egyptian influence. American women will be tempted by the Cleopatra look because of the smash success of the exhibit of the treasure of King Tutankhamun which opened recently in the Smithsonian in Washington and will tour the country for two years..

Egyptian jewelry and ornamental and sacred objects of the times of King Tut featured gold. Many stones were used. These include obsidian, carnelian, lapis, quartz, turquoise, calcite, jasper, amazonstone and others. The designs were geometric and stylized but also included people, animals, insects, and birds. Bracelets, earrings, rings, collars, and buckles were popular and the look was massive, but detailed and symmetrical.

The fabulous Egyptian exhibit will be seen at the Field Museum this summer, at New Orleans Museum of Art next fall, and at Los Angeles Museum of Art next winter, completing its tour with Seattle and New York.

Inlay was a popular art. The Egyptians used a gold technique of granulating which resulted in a rich and delicate appearing texture. They also admired highly polished gold. Engraving and carving were two more jewelry arts they developed to a high degree.

Some archeologists have noted the similarity of some of the ancient Egyptian designs to the symbolic and decorative patterns of American Indian Art. Egyptian influence may become a major fashion fad, just as Indian jewelry has, but there have always been items on the market (such as the Ankh) with Egyptian inspiration, just as there always will be items on the market originating from the Indian culture. Good design is as enduring as King Tut.

Midwest Federations NEWSLETTER



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SPECIAL EMPHASIS ON JUNIORS AT NATIONAL SHOW

The Golden Spike Gem and Mineral Society, host club to the combined American and Northwest Federation show, August 18-21 in Ogden, Utah is placing special emphasis on juniors in the rock and mineral hobby.

They have developed in conjunction with Weber State College of Ogden a special program for juniors as they feel junior members are very important to the hobby and should be encouraged to attend, exhibit and participate on a National level.

Arrangements have been made to use the Promontory Towers building on the college campus to house junior societies or junior contingents of other societies and their escorts who will attend the Ogden show in conducted groups. A package cost of \$45.00 for each person has been established and this cost will include five nights lodging (August 17-21), twelve meals, three each day (August 18-21).

Junior groups interested should write Mary Bybee Junior Program Chairman, 1054 Cross Street, Ogden, Utah, 84404 for additional information and reservation forms.

THREE NEW PUBLICATIONS AVAILABLE

Three new publications are becoming available to Midwest Federation clubs and members. The 1977 Directory, the Uniform Rules book and "How to Make and Present A Slide Program."

The slide publication can be a great benefit to those who want to enter the AFMS Slide Contest, as well as to anyone who wants to put together a slide program on any subject.

The season for shows in the Midwest is getting into full swing, so that the new Uniform Rules Book is a must to help you setup an attractive, interesting and educational display for the show visitors to see, enjoy and learn from.

For everyone to get the best from their hobby the 1977 Midwest Directory can be an immense help. Use it to the fullest for new contacts, new friends and new discoveries. Copies of these publications are being sent to all clubs.

Copies of these publications are being sent to all clubs. Individuals may purchase copies for their personal use from the Midwest Director of Supplies, Clinton Heckert, 725 Stewart Ave., Elgin, Ill. 60120.

MICHIGAN DIRECTORS MEET

The first Saturday of February has become the permanent date for the MWF Michigan Directors to hold their annual meeting. In spite of the severe winter, sixteen people gathered at the home of Harold and Arline Buehler in Saginaw on Saturday, February 5th.

Continuing a precedent established several years ago, the discussion proved to both educational and satisfying to the participants, who bring together the problems, opinions, and goals from various parts of the State.

The main topic this year was the letter from Mark Harris, Chairman of the Long-Range Planning Committee, asking for advice on several subjects. Thus, when the Michigan State Director replies to this important document, it will, in fact, be the combined product of the Michigan State Organization from as far as delegates were able to attend.

New programs

Film Library Chairman, Donald Stinnett, announces two new slide programs are now ready for booking by our member clubs.

Education Chairman, Roger Fabian, has provided us with a program on "Nebraska's Invertebrate Fossils." We all know Nebraska for the Mammoths and camels found there and now we can learn about the others. This program has 138 color slides and many may want to have notebooks with them to record the fascinating information the slides provide.

Those who subscribe to Lapidary Journal may have read about Maynard Green's showing of the slides on Lake Superior agates at the St. Louis show. Maynard has donated this fine program to the Midwest titled "Lake Superior Agates."

The Midwest thanks Roger Fabian and Maynard Green for these excellent additions to the Film Library.

All requests for these programs should be sent to E. Donald Stinnett, 29462 Aspen Drive, Flat Rock, Michigan 48134.

Three programs have been removed from service due to their damaged condition and should not be ordered. They are No. 9, "Our Igneous Rocks," No. 10, "Our Sedimentary Rocks," and No. 11, "Our Metamorphic Rocks."

**YOU'VE GOT A DATE IN DAYTON (Ohio), JULY 21-24
MIDWEST SHOW AND CONVENTION**

Your freedoms are disappearing

by Barbara Rich, Reno Gem and Mineral Society, Reno, Nevada

On October 21, 1976, Public Law 94-579, Federal Land Policy and Management Act of 1976, was passed by Congress. The Bureau of Land Management, who under the Act has the authority to administer the Act, immediately began formulating and publishing, in the Federal Register, various rules and regulations, supposedly to enforce the Act.

One regulation proposed is the right of search and seizure of private vehicles by BLM-appointed persons of authority on public land with or without probable cause. This action may take place even without a signed judicial warrant. It should be noted even the FBI does not have this authority.

Another regulation published January 27, 1977 in the Federal Register sets out standard permits and fees for users of NATIONAL RESOURCES LANDS (Note - no longer PUBLIC LANDS.) It gives a MINIMUM charge of \$1.00 for each permit, with no limit set - - next year \$5.00?, the next year \$10.00?, and so on - - who knows where it may end? Or, we may be deprived of access to the public lands entirely.

On January 29, 1977, several members of the Reno Gem and Mineral Society, attended a meeting held in Reno with Congressman James Santini (D-Nev.), sponsor of the Act, to voice their concern over the proposed rules and regulations. Mr. Santini emphasized most of the rules and regulations as proposed by the BLM in reality are contrary to the intent of the Act as passed. There is at this time a Senate investigation being conducted concerning the interpretation of the Act by the BLM.

All users of the public lands - - 4 - Wheelers, cattlemen, mining companies, small miners and prospectors, hunters, Audubon Societies, etc. - - must band together to limit the authority of the BLM and require justification of rules and regulations proposed prior to their enforcement. Because 86% of Nevada is public land, rockhounds living in Reno are more aware of the dangers of such creeping bureaucracy. We are losing our freedom and in losing this freedom, we are observing another irresponsible action by a constantly growing Federal Bureaucracy.

Our hobby of rockhounding and mineral collecting is in grave danger. The only way to combat this danger is to urge all members of Gem and Mineral Societies throughout the United States to write to their Senators and Congressmen -- get a copy of the Act as passed -- and contact the local BLM Office in your area for copies of all rules and regulations proposed. Let your voices be heard in protest - - attend public hearings - - find out what your government is doing TO you (not FOR you.) Without positive action on the part of rockhounds, and all outdoors people, our freedoms are infringed upon and the rockhounding hobby will be eliminated.

BRUNSWICK HIGH SCHOOL CLUB

We have been advised that the information supplied us as to the president and sponsor of the Geology Society of Brunswick High School, Brunswick, Ohio was incorrect. The club president is Kevin DeMoss and the adult sponsor is R. W. Fabich.

AFMS SCHOLARSHIP GRANT FOR MIDWEST

by Russell P. MacFall

The Midwest Federation's Scholarship Award under the American Federation of Mineralogical Societies Scholarship Foundation program is Dr. Fritiof M. Fryxell, nationally known retired professor of geology at Augustana College, Rock Island, Ill. Dr. Fryxell has been curator of the Fryxell Geology Museum at the college since his retirement.

The award winner, a native of Moline, Ill., was graduated from Augustana College in 1922 and took his master's degree at the University of Illinois and his doctorate in geology at the University of Chicago. He joined the faculty of his alma mater in 1923, and after being chairman of geology and of the division of sciences for many years he retired in 1968. More than 50 of his former students have gone on to earn the Ph.D. degree in geology.

As a summer employee of the National Park Service he was instrumental in the founding of Grand Teton National Park in Wyoming. During World War II he was assistant chief of the Military Geology Unit of the U.S. Geological Survey and was assigned in 1944 to provide terrain intelligence to General MacArthur in the Philippines.

Dr. Fryxell was first president of the National Association of Geology Teachers. He has been honored with doctorates from several colleges and is the author of a number of articles and books on the national parks and of 21 articles in the Encyclopedia Britannica. Lake Fryxell in the Antarctic was named in his honor.

As recipient of the Scholarship award, Dr. Fryxell will choose a student to do graduate work in some branch of the earth sciences under a \$1,000 award from the Scholarship Foundation, an award that is renewable for a second year.

Dr. Paul B. Moore of the University of Chicago, 1976 Award winner, will select the scholar to receive the "wild card" grant provided for the Midwest Foundation by the AFMS Scholarship Foundation.

COMBINED CHICAGOLAND MEMORIAL DAY SHOW PLANS PROCEEDING ON SCHEDULE

In spite of subzero weather and arctic snow, preparations for the Memorial Day weekend combined show near Chicago are proceeding on schedule. Mrs. June Culp Zeitner will be there to lecture and to show her Bicentennial tiara of gemstones from all the states. The archeologists of Northwestern University will bring a comprehensive exhibit of material from the famous Koster site in central Illinois where they have dug down through 8,000 years of Indian civilization; and the Field Museum of Natural History will make one of its rare appearances at a non-professional show with displays of rare fossils from its collections, including many from New York state.

The Lizzadro Museum of Lapidary Arts will show some of its recent acquisitions, and a number of special displays from the seven participating clubs and from other persons and clubs in the Midwest have been promised.

The show will be held at the DuPage County fairgrounds west of Chicago on May 28, 29 and 30. Persons interested in exhibiting or seeking information, should write or call M. C. McMahan, show chairman, at 1220 W. Henderson St., Chicago, Illinois, 60657, phone number 312-549-3612.

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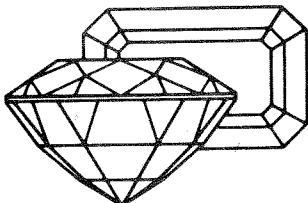
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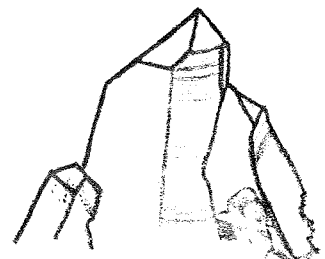
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