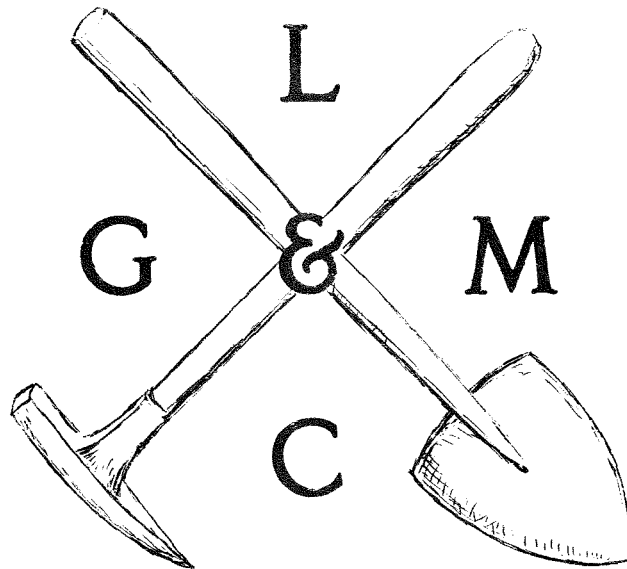


THE PICK & SHOVEL



SEP 1979

OFFICIAL PUBLICATION OF

LINCOLN GEM & MINERAL CLUB

LINCOLN, NEBRASKA

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)
Nebraska Academy of Sciences
Community Arts Council of Lincoln

Regular Meetings: 4th Saturday of the month, September thru May, 7:30 P. M.
1979 - Trabert Hall, Lower Level, 2202 So. 11th St.

1979 ELECTED OFFICERS & COMMITTEE

President.....	Howard Taylor	910 New Hampshire	Lincoln, 68508	432-3707
1st Vice Pres...	James Marburger	1910 So.26th,Apt.B	Lincoln, 68502	432-0214
2nd Vice Pres...	Bob Daniels	4030 St. Paul	Lincoln, 68504	466-5036
Recording Secy..	Vera Lyman	420 N. 56th St.	Lincoln, 68504	464-6089
Treasurer.....	Hazel Greenwade	6027 Fremont	Lincoln, 68507	466-4788
Board Member....	Larry Bigley	6126 Hartley	Lincoln, 68507	466-0211
Board Member....	Ray Lambert	1201 N. 79th St.	Lincoln, 68505	464-8552
Board Member....	Phyllis Parks	2435 S. 19th St.	Lincoln, 68502	432-6798
Board Member....	Frank Rule	6333 Kearney	Lincoln, 68507	466-1697

Nominating Committee-3 years..Wilfrid Wittman, Edwin Johnson; 2 years..Marita Bigley,
Lynn Wells; 1 year..Marie Wells, Irl Everett

STANDING COMMITTEE CHAIRMEN:

Program	Bob Daniels	Liaison & Calling	Marie Taylor
Education	James Marburger	Refreshments	Sylvia Daniels
Hospitality	Goldie Quinn		Shirley Roberts
Historian	Lois Everett	Scholarship	Ed & Vivian Johnson
Librarian	Paul/Stam Greenwade	Special Outside	
Membership	Marita Bigley	Displays	Virgil Carveth
Field Trips & Safety	Frank & Tom Rule	Housing & Property	Dick Roberts
Sunshine Corner	Susan Taylor	Publications	Larry Bigley
NAOESCI Reporter	Evelyn Ulrich	Auditing Comm. 1979	Dick Roberts
1979 Show Chairman -	Glen Lyman		Nelda Oliver
			Marie Taylor

LONG RANGE PLANNING & BY-LAWS COMMITTEE

1 year remaining..Larry Bigley & Don Carter, 2 years remaining..Nelda Oliver &
John Harrison (John-Chairman), 3 years to serve..Jim & Phyllis Parks

1980 NATIONAL SHOW PLANNING COMMITTEE - selected 1977 General Meeting -
Howard Taylor, John Harrison, James Marburger, Tom Simmons, Roger Pabian, and
Frank Rule. Committee selected Howard Taylor as Chairman and added Ray Lambert
as Secretary.

PICK & SHOVEL STAFF: Chairman...Larry Bigley (466-0211)
Editor Evelyn Ulrich, 3521 S. 48th St., Lincoln, Ne. 68506, Phone 488-9051

Club News	Helena Baegl	Artwork Stenciling	Jim Parks
Sunshine	Susan Taylor	Publisher	Phyllis Parks
Typists	Flossie Litzenberg, Marita Bigley & Linda Parks		

Deadline for material to be printed is 1st of month it is to appear

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.

CALENDAR

General Meeting...Saturday, Sept. 22, 7:30 P.M. Trabert Hall, 2202 So. 11th.



Program.....Roger Pabian will present a slide lecture on Pennsylvanian rocks in southeast Kansas and southeast Nebr. You won't want to miss this fine program.

Refreshments.....will be served by the Refreshment committee.

L.G.M.C. Board Meeting...Thursday, October 4, 7:30 P.M. Home of Howard Taylor, 910 New Hampshire.

Field Trip.....None scheduled for October.

1979 Dates to Remember

- Sept. 22-23 Nebraska City, Ne. Arbor Valley Gem and Mineral Club Show, Memorial Bldg.
Sept. 22-23 Great Bend, Ks. Golden Belt Gem and Mineral Society Show, Highland Manor Convention.
Sept. 28-30 North Platte, Ne. Platte Valley Rock and Mineral Show, National Guard Armory.
Oct. 6-7 Topeka, Ks. Topeka Gem and Mineral Society Show, Exposition Center, Fairgrounds.
Oct. 13-14 So. Sioux City, Ne. Sioux Land Gem and Mineral Society Show, Marina Inn..
Oct. 20-21 Manhattan, Ks. Manhattan Mineral, Gem and Fossil Club Show, Woodrow Wilson School
Oct. 20-21 Grand Island, Ne. Grand Island Earth Science Society Show, Fonner Park.

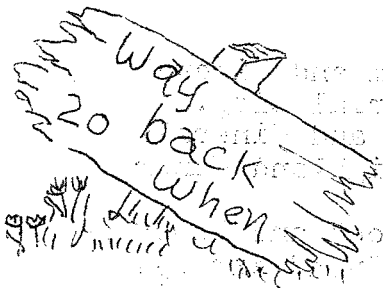
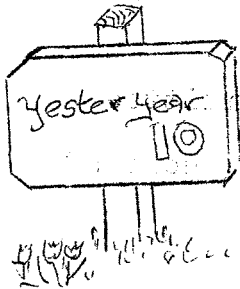
1980

- June 6-8 Topeka, Ks. Rocky Mountain Federation Show, Exposition Center, Fairgrounds.
June 12-15 Lincoln, Ne. AFMS, MWF, Show Hosted by Lincoln Gem and Mineral Club, Bob De. Vahey Sports Center, State Fairgrounds.

September Meeting - The Long Range Planning Committee held a meeting, by request of the Board of Directors, to discuss and propose 'ways and means' of increading funds of Lincoln Gem and Mineral Club either by increasing dues, decreasing bulletin size, and/or any other legitimate means of raising monies to alleviate financial distress. The group, under guidance of John Harrison-Chairman, made recommendations, several of which will be presented at the September meeting for discussion and further input from the members.

-Phyllis Parks, Secy. Long Range Planning

T H I S S U M M E R has been a busy one for most of the club members. It seems like a long time since May 19th and the program presented by our 1979 Scholarship recipient, Larry Irons. There have been many shows, swaps and other activities. Now it is time to begin our fall meetings and the September meeting may be a very important one for Lincoln Gem and Mineral Club Members.

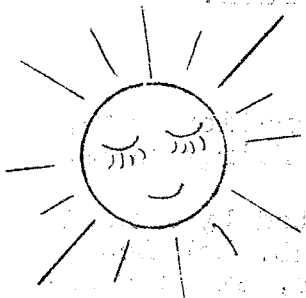


Summer 1969 - June and everyone went off rock hunting and were getting ready for a big field trip. In July the President's field trip into Iowa with an overnight stop at the 'Grotto of the Redemption' at West Bend, Iowa. August and everyone getting ready for the 11th Annual Rock Show. Lefty Rule was floor chairman and was trying to get each one to tell him their space needs. September 1969 - Show Chairman Lloyd Lederer, had the plans all ready for a "truly great show". It was held at Pershing Auditorium and special attractions were The Great Seal of the U.S. (84 lbs. stone), Jupiters Jewels (15 giant pieces of jewelry), The Masque of the Ancients, a copper mask adorned with stones.

Summer 1959 - June's big picnic, fun and eats. July field trip to Weeping Water. August a 3 day field trip at Fort Robinson. Remember those good times? September 1959 - Clubs first show held at National Guard Armory. Seems we made a little profit and had 50 to 60 cases. Irl was show and dealer chairman.

from notebooks of Lois Everett, Historian

Hi! Hope everyone had a fantastic summer and had time to enjoy that good old summer sun! It's not going to be around much longer so enjoy!



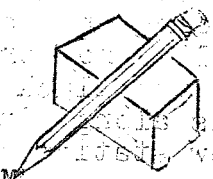
During the summer vacation get well cards were sent to Phyllis Parks, George McGinnis and Earl Messelhaier. Sympathy cards were sent to Mr. and Mrs. J. D. Young, Mr. and Mrs. Bruce Simon, and to the Norm Engelhart Family (Norm and Dorothy were very active, past members - Norm passed away this summer).

And a 50th wedding anniversary card was sent to Mr. and Mrs. Farel Hyland -- congratulations to both of you!

Until next month!

Suze Sunshine

PRESIDENT'S PAGE



What a short summer, hope you all had a nice one and were able to do some rock hunting. Am looking forward to seeing you at our upcoming meeting, September 22nd, 7:30 P.M., at Trabert Hall.

To those who have bragging rocks or spectacular finds of the summer, please feel free to bring them and let us all see them!

By action of the Board, it was decided to have a silent auction. Please bring one or two articles for this event. Proceeds from the auction will go to the club treasury.

There are still a few shows and swaps in our area, check the dates in the Pick and Shovel. The Grand Island Show will be the State Show. Keep this one in mind. We do have delegates picked for the meeting.

Some of the best news I received this summer was that our Pick & Shovel won 1st Place in the Federation Bulletin Contest. (large bulletins class) Hope Evelyn will have her trophy and certificate to show us at the meeting. We congratulate you Evelyn, please keep up the good work, we are all proud of your accomplishments.

Plans are in the making for a get together with the Omaha Club, on October 14th at Weeping Water City Park. A pot luck dinner for 12 noon, Sunday the 14th is planned. If we get the permission a field trip for fossils and coral will be held. Camping is free to all, so if you are interested come on down Friday nite or Saturday and join the crowd.

Hope you can all make the meeting. We do have some business to transact. The program will be given by Roger Pabian.

Howard

NOTICE

Silent Auction - Sept. 22, 1979
At the regular meeting.
Bring some good auction material and be prepared to take home some good buys from the other club members donations.

From the editor's desk... September -- How fast the summer sped away! It seems but yesterday that your editor had the privilege of attending the Rocky Mountain Federation Show with Lynn and Marie Wells and Norma Miller. What a wonderful experience--a gem show in the Black Hills, field trips in South Dakota's fabulous rock beds along with great traveling companions in the Well's brand new station wagon.

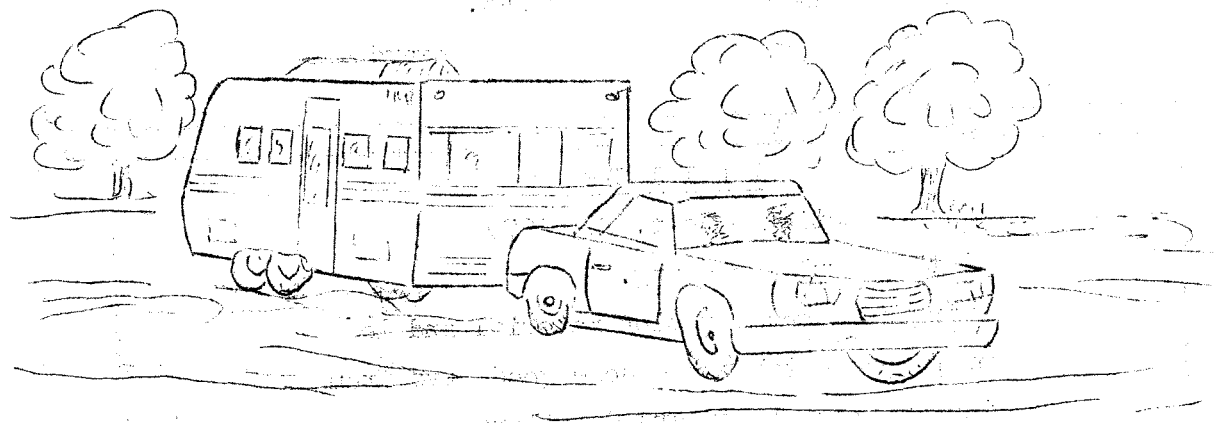
The Black Hills Mineral Society of Rapid City hosted the Show which boasted excellent displays, special exhibits, demonstrations, programs and thirty fine dealers-many of whom are familiar to our shows.. Outstanding exhibits were the Crown of Brazil, the Bicentennial Tiara, and the Cycad display furnished by Everett and Marie Hill of Hot Springs, South Dakota.

L.G.M.C.will be hosting a national show next summer. We all need to pull together to maintain the high prestige our Club has attained among our fellow clubs throughout the U.S.A. A good show demands work and cooperation. Let nothing stand in the way of achieving our goals. Loyalty to our club and success of the show must superceed all else.

They're off to school,
each girl and boy,
And Mother, fondly kissing them,
Knows that she can now enjoy
The luxury of missing them!

Annie Komorny, Good Housekeeping

Lincoln, Nebraska's the place to go
For the 1980 National Show!



1979 MIDWEST FEDERATION DELEGATE'S REPORT

The Executive Committee Meeting was held August 4, 1979 at the Sheraton Columbus Hotel, Columbus, Ohio. The meeting was called to order by President Betty Crawford. The convocation was given by past president Paul Good. The Credentials Chairman Esther Mullaly said there was a quorum present so the meeting proceeded. The Minutes of the Council meeting held at Cedar Rapids, Iowa, August 12, 1978 were read and approved. The treasurers report was presented. We now have 285 clubs in the Midwest Federation. There are now 16,303 adult members and 1,375 junior members. At the present time the MWF has \$33,229.91 in the treasury. They of course do have expenses by the end of the year to be deducted from this sum. The Convention and Show Chairman reported the following dates:

- 1980--(AFMS MWF) Convention & Show at Lincoln, Nebraska
June 12-15.
- 1981--(MWF) Convention & Show at South Bend, Indiana
July 23-26
- 1982--(MWF) Convention & Show at Minneapolis/St. Paul, Minn.
no definite date at this time.

The Director of Supplies reported that the MWF Directory sold quite well but needed to sell more. Some clubs purchased very few. The MWF Directory is considered the most useful issue the MWF puts out. They are a rockhounds most important tool whether it is in the home or while on the road. It lists all show dates, swap dates, meetings, some large field trips and many more useful items.

The MWF Bulletin Editor was unable to attend the meeting due to a hospital stay; but as you know the Pick & Shovel was #1 in large bulletins. Our Evelyn Ulrich did a super job. They did have a large number of bulletins that had to be judged. That certainly isn't an easy task to select the most outstanding bulletin. Don Stinnett, Program Chairman, was presented a new slide program on Ohio Flint at the meeting. He did say it would take a little time to get it copied and recorded before it could be put out to the clubs for their programs. They will call you when your film is in and ready to pick up.

The Delegates voted in favor of being affiliated with the National publication "Rocks & Minerals". This will become the official publication for Midwest Federation.

continued

MWF Delegates Report - continued

We voted in the following 1979-1980 MWF Officers:

Pres.--Bernice McCloskey

1st Vice-Pres.--Mel Sharp

2nd Vice-Pres.--Larry Nawojski

Secretary--Jean Reynolds

Treasurer--Bill Parch

They had an amendment to the MWF By-Laws before the Delegates to vote on.

This amendment read that they would change chairmen every year instead of the three year period. When voted on it was defeated. The president may remove any chairman that does not fulfil his duties before his term of three years are up.

Announcement was made that the MGags of Michigan would hold another seminar at Benton Harbor, Michigan shortly after the National Show. This would be the last week end in June 1980. In 1981 the MGags of Michigan will have a seminar in Flint, Michigan. These are highly educational. Roger Pabian has been an instructor at these seminars and commented that they are well attended. Maybe the Lincoln Gem & Mineral Club could host a seminar in the near future.

The International Rockhound Organization has come out with a patch and pin. The logo is a modern rock hammer of gold on a field of blue. The American Federation however, does not honor the association.

The meeting was adjourned.

Submitted by your delegate

Jim Taylor

Please add these names to your 1979 Who's Who and welcome them as new members at our future meetings:

Mrs. Patricia F. Bury
849 So. 34th St. 68510
Ph. 477-9778

Dennis Roether and Joyce with children Michele & Monica
6817 Cleveland Avenue 68507
Ph. 464-9408

Raymond C. Taylor and Dorothy
636 No. 35th St. 68503
Ph. 464-2891

Please change the address for Norman Balliet to:

Norman Balliet
1618 East D St., Apt. 56
North Platte, NE 69101
Ph. (308) 532-0774

1980 SHOW REPORT

Considerable progress is now being made toward the completion of the 1980 show. A large promotional effort was staged at the Midwest Federation Show at Columbus, Ohio, August 2nd thru 6th. The host club allowed us the courtesy of two large booth spaces, one for show promotion, and one for promotion of Nebraska. About a dozen IG&MC members were present at the MWF show to help the publicity efforts. These included the Taylors, Everetts, Lymans, and myself. The booth and literature proved to be very well received by the many rockhounds attending the Columbus event. Our thanks to the Columbus clubs for their courtesy in providing promotional space. Their show was of the highest class and caliber---it will be truly a tough act to follow.

Several symposia are scheduled for the 1980 show. These include field trips, mineralogy, paleontology, faceting, lapidary, and friends of agates. June Zeitner has consented to chair the field trip symposium and the other symposia will be chaired by the respective committee heads of the Midwest Federation.

Letters to national magazines have been written to inquire about display advertisements for the 1980 show. We are in the process of producing badges and T-shirts to help promote the show. These should be available sometime in late October or early November.

The show committee has begun meeting with the various division directors. To date we have met with special features and Dealers. This evenings meeting will include the displays and ribbons and awards committees. The smaller meetings provide more direct contact with the individual committee directors.

The May-June issue of "Rocks and Minerals", which is now also the official publication of the Midwest Federation, will be an all-Nebraska issue and will have 11 papers dealing with Nebraska's geology, rock hunting, archeology, as well as having the 1980 show schedule reproduced in the center section. I have been designated as coordinator of this issue.

Money from dealers that has been placed into savings accounts is eligible for promotional merchandise. Such merchandise will be retained by the club and will be disposed of as premiums and/or prizes at succeeding local shows.

The show committee can use more help. We will especially need typists and envelope stuffers by the end of the year when we will have the first big mailing. Mailings will go only to clubs and the executive committees of the various federations. Interested parties will have to request show packets and advertisements to this effect will appear in the various national publications in the near future.

Show fliers are now available and will be available for the asking at the September meeting. Please take what you need for distribution at shows,,shops, club meetings, and so on.

Display application forms will be available in the near future. We hope that you are all planning your displays now.

Judges for competitive exhibits will be arranged for by the federation uniform rules committee. This differs from past policies in which the host club arranged for and contacted all of the judges. This will save much work for the show committee.

All 1980 show reports will appear in the Pick and Shovel, and none will be orally presented at the general club meetings.

Roger K. Pabian
Publicity Director

BLACK HILLS SAFARI
by Marie Wells

On Monday, June 4th, Lynn, Norma, Evelyn and myself left Lincoln for the Black Hills by way of Crawford.

We found nothing spectacular at Crawford. Stopped at the Fort to say hello to the Ratherhams and noted the improvements made in the restaurant. There is no doubt the modernization was in order, but we felt that with the change it had lost some of its character.

In Crawford we stayed in the Ranch home of Mr. and Mrs. Clarence Went, friends of the Millers, and enjoyed their hospitality. I don't ever recall seeing so many different kinds of wild flowers in bloom in pasture 27 as on this trip, or so many coal trains. Our trip through Simily Canyon rewarded us with a first hand view of a large herd of buffaloes and their baby calves as well as a couple of burros. Evelyn is a wonderful person to have on a trip; she is so knowledgeable when it comes to nomenclature of wild flowers and birds.

Our first stop in Hot Springs was at the Mammoth Dig where we observed the fossil remains of many kinds of prehistoric animals that apparently lost their lives while getting a drink at the watering hole. It is thought they slipped in due to the slippery condition and were unable to get out. This particular spot was unearthed when grading for a housing project. The yellow sand is believed to have been brought up by seeping water from several hundred feet deep. The sand is not found elsewhere except in one other location nearby.

These water holes now are on the top of a crest. It is believed that the area around it has eroded and is now a valley around the spot. If this is true, the fast erosion occurred in a modern era and completed 20,000 years ago.. The young geologist on duty stressed how dependent South Dakota is on the Missouri River basin and the Platte River basin for its water and felt development of the water slurry to transport coal to Arkansas would be detrimental to South Dakota.

If ever in Hot Springs, drive around the city. It really has many interesting old stone buildings that are still in use and in good condition. The buildings on the Veterans ground are truly beautiful and interesting.

A stop was made to renew friendship with Art Bruce and his wife. We stayed much longer than planned as we could hardly tear ourselves away from enjoying and inspecting their fabulous collection of Fairburns, most of which had been collected from the agate beds at Fairburn and Orella over a forty-five year period. When we left they had fewer Fairburns and we had fewer dollars.

We had high hopes of hunting garnets on Thursday, however, there was a mix-up and our guide did not show up, so we joined the other 67 cars, pick-ups and campers and traveled to Tepee Canyon to dig

BLACK HILLS SAFARI continued

for Tepee Canyon agates until noon. On our own we did find some tiny garnets at the foot hill of Tin Mountain; toured the back roads of the hills and enjoyed to the fullest the scenery and the wild flowers.

In Rapid City we stayed with friends I was close to in Sidney. They put the four of us up for the three nights and went to the Railroad Buttes with us and enjoyed immensely their first rock Show.

On Friday we planned to hunt garnets but by the time we got to Custer it was raining hard so our second trip was cancelled, too. We decided to go to Fairburn by way of Custer State Park and through the wild life reservation where we had hoped to see the famous South Dakota buffalo herds. We saw nary a buffalo or any other wild life until we left the area and then saw a doe nursing her tiny fawn and three shaggy bison that hardly blinked an eye when we took their pictures. There was a large group hunting in the Fairburn beds. Evelyn and I were not as fortunate as Norma and Lynn in finding any agates.

We left Rapid City on Sunday and was escorted to Wasta and Wall by Lucille where we bade her farewell and spent the night in the town of the famous drugstore. On Monday we got a late start for Lincoln-traveled through the Bad Lands and arrived home around midnight, tired, but agreeing it had been a good trip.

RUSSELL KEMP APPOINTED TO FILL TERM AS AFMS PRESIDENT

Russell Kemp, South Holland, Il. has been appointed to fill out the term of Ellis Courter, the late AFMS President from Southfield, Michigan. Russell is past president of the Midwest Federation and has held various committee positions for the Midwest since 1957. He was the second president of the AFMS Scholarship Foundation, a position he held for two years. He is currently boundaries chairman for AFMS.

Russ and his wife, Doris, have probably given more programs for clubs, and taken more displays to shows than anyone else. They have also given several slide programs to the Federation. Their two older sons have become professional geologists. Russ has been contributing editor of Earth Science and is now editor of the Lizzardo Quarterly. He is chairman of the board of the Lizzardo Museum in Elmhurst.

The Kemps are widely traveled and have attended many regional and AFMS shows. They have also been show committee officers of shows in the Chicago area.

Russel says that he will try to attend as many Federation Shows this summer as possible, and that he expects to carry out some of Mr. Courer's excellent plans and ideas.

via AFMS NEWSLETTER

OUR TRIP TO TEXAS
by Flossie Litzenberg

May 2 we flew out to San Diego to meet our son, Bob, who had spent the winter there with friends. On the flight from Phoenix to San Diego the stewardess gave me champagne which made me terribly ill. No more of that stuff for me. Then we had to wait for the next plane to bring our luggage. I thought the time was too short to make the change airlines from Frontier to Western in Denver.

Next day we took in the San Diego Zoo which is supposed to be the best and I believe it. We took the bus ride around in the zoo. The guide made it very interesting. We took the airlift which I think was a waste of time. We couldn't see much from the air. After paying admission into the zoo there were no other expenses except food, film, etc. All exhibits were free. We stayed all day.

May 5 Our host in San Diego, George Folwarski, took us on a tour of the big ship "The Alamo" of which he was Chief Petty Officer.

May 7 Bob took us to see Sea World. Again we stayed nearly all day and saw the many shows they put on. One show was of different water fountains with changing lights according to the music. They were beautiful. I got so sunburned that day my face peeled.

Next day we all went to the San Diego Wild Animal Park which had the animals out in a natural habitat. There was a baby hippopotamus. We rode through the park on a monorail. We left the monorail and came out through an arbor of hanging baskets of orchid cactus in bloom. There were gorgeous eight inch blooms hanging down from their baskets.

We started out for Texas May 21 in Bob's motor home. I finally got to see roadrunners. The saguero cactus was in bloom. They looked like they had little hats on with a row of white flowers around the brim. Other cactus was in bloom too. They were quite a show. Usually we camped in parks at night at no cost. We have our Golden Age Passport too which helped. In Texas we saw many turkey vultures, Ugh! They are ugly. But we did see many beautiful in the Texas parks, especially the Big Bend Park. I added over 32 new birds to my life bird list and there were many more which we didn't get identified.

We toured the Carlsbad Caverns in New Mexico on May 23. We took the elevator down to the big room and walked all around it which was around two miles. It is a big place and interesting.

May 24 we arrived at Alpine, Texas where Joella went last winter. We camped at the Woodward Ranch which is famous for its plume agate. They had some beautiful specimen in their shop and told us just where to find them and what to look for, but I think they had been too picked over, because we didn't find much. We did buy \$15 worth of what he had on display. We did spend the night there.

OUR TRIP TO TEXAS -- continued

May 26 we went on down to Big Bend Park. We saw many deer. They weren't a bit alarmed by our presence.

We stopped at Langtry, Texas and visited Judge Bean's saloon on May 26. He was the only law west of the Pecos in his time. We traveled along the Rio Grande River and stayed in Bentsen State Park Sunday night. I saw a big black bird that I thought was a crow. It had a charming song. A lady in camp informed me it was a Phainopepla. We saw a flock of Mexican pheasants, Chachalaca. They were very noisy. We saw the two foot long nest of Spanish moss built by the big Lichenstein Oriole.

On the way to Harlingen we saw many grapefruit tree groves that had been killed back by frost last year. Some were beginning to come back, but I sure could understand why the shortage of grapefruit. Where ever there were cattle, we saw many cattle egrets following them. There was a terrific rainstorm at Corpus Christi while we camped there. As we left there we saw wild pink flamingos and black neck stilts.

May 31 we ferried over to Port Aransas and viewed the winter grounds of the Whooping Cranes. I saw a huge white bird and got real excited, because I thought it might be a whooping crane, but I couldn't understand how that could be, because they are in Canada during the summer, but the pictures at the lookout showed it was the Great American Egret. The Egret has a crook in his neck when he flies and a crane's neck is straight.

We got to San Antonio on June 1 and toured the Alamo Museum. It was raining real hard. The water was over the curbs and many cars were stalled. That pretty little river that runs through town with shops on its banks was bank full and roaring. There must have been a lot of damage there. We just kept driving north. We camped just inside the state of Oklahoma that night and then drove right on home from there. We got home around 10:30 P.M.

We didn't have much trouble getting gas after we got out of California, but it was expensive. In California we would get in line early in the morning. The lines did get pretty long. Bob turned the regulator on the car to 52 miles per hour and many times averaged as much as ten miles per gallon. This trip was different than the others, but just as interesting.

L.G.M.C. members have had displays this past school year at the Wesleyan University. Roger Pabian showed polished wood; Marita Bigley, Howard Taylor, Virgil Carveth and Helena Baegl showed jewelry. The exhibit has been very much appreciated. Members are planning on displaying again this next school year.

NEIHARDT DAY, BANCROFT, NEBRASKA, AUGUST 5, 1979
by Julius D. Young

The theme this year honored the Mountain Men who are featured in much of Dr. John G. Neihardt's early epic poetry, The Song of Three Friends, The Song of Hugh Glass and The Song of Jed Smith. These were the first 3 of 5 "songs" in his great epic, A Cycle of the West, which covered events from 1822 to 1890, and on which the poet spent 28 years of his writing career.

The trappers and the singing voyageurs
Are comrades now of Jason and his crew,
Foregathered in that timeless rendezvous
Where come at last all seekers of the Fleece.
John G. Neihardt, "The Song of Three Friends", P. 3

Among those "comrades" in the early 1820's was a young blacksmith, Jim Bridger, who became one of the most famed of all, and he outlived them by many years. In Neihardt's Song of Hugh Glass, Jamie was, no doubt, Jim Bridger as a youthful trapper.

Jim's multitalented great, great-nephew, Bobby Bridger from Austin, Texas, captivated the open-air audience of about 500 Neihardt devotees at Bancroft, August 5, 1979, as he gave his program, the ballad "Jim Bridger and the Seekers of the Fleece". He was occasionally joined in the singing by a modern Mountain Man, Timber Jack Joe, in his colorful costume. The day was hot and humid, but the audience remained charmed.

The Neihardt Center at Bancroft is now a Branch Museum of the Nebraska State Historical Society, steadily growing in year-round visitor popularity, and already needing enlarged space. Neihardt Day is by Governor's Proclamation the first Sunday in August. The 1979 program was introduced by Marie Vogt, Neihardt Foundation Executive Director, followed by a Foundation Report by Dr. Lyle B. Egerman, President. Dr. Ron Hull, Program Manager Nebraska ETV, was Master of Ceremonies. He was presented with an honorary Life membership in the John G. Neihardt Foundation by Nebraska's Governor, Charles Thone. Mrs. Thone, Nebraska's First Lady, gave the Invocation.

Among others present were Congressman and Mrs. Douglas Bereuter, Mrs. William Hasebrook, Playwright, Christopher Sergel, Nebraska Historical Society Director, Marvin Kivett and Mrs. Kivett, Sioux Holy Man, Three Eagles (Ken Bordeaux). Dr. Lucile Aly (Neihardt's biographer), and Liz Jacobs (photographer). Neihardt family members were daughter, Hilda Petri, and her daughter, Gail Todebusch and children, Allison and John and Alexis Petri, granddaughter of Hilda. Also present was Maxine Neihardt, widow of Neihardt's only son, Sigurd.

After the featured performance by Bobby Bridger the formal program closed with a recording by Dr. Neihardt reciting his "Black Elk's Prayer" as inspired by the Sioux Holy Man, Nick Black Elk, in "Black Elk Speaks". The exact wording is from page 52 of "When

NEIHARDT DAY, BANCROFT, NEBRASKA -- continued

the Tree Flowered", Neihardt's last book before his autobiography.

Other activities were demonstrations and displays by the Fort Atkinson Muzzleloaders, ax throwing, muzzleloading, firing and artifact displays. Visitors enjoyed the memorabilia in the unique Memorial Hall and in the restored one-room frame study in which the poet wrote much of his famous works from 1900 to 1920 by light of oil lamp and heat by pot-bellied stove.

Myrtle and I exhibited a 4 ft. case in the library of the Memorial Hall featuring a hand-crafted steelyard scale weighing a piece of fossil wood from the Hugh Glass country near Bison, South Dakota. The case was decorated with several other pieces of fossil wood from the same historic area. An enlarged framed photo of Dr Neihardt with his devoted white French poodle, Jacquot, enriched the display. It was made by Judy, the daughter of LGMC members, Mr. and Mrs. John Lewis.

The surprisingly accurate steelyard is believed to have been made by the Mountain Man, Jim Bridger, the youthful blacksmith turned trapper with the Ashley-Henry men of the 1820's. It was found at the site of General Ashley's winter encampment of 1824-25 in the Cache La Poudre foothills near Laporte, Colorado. It was given to me by my brother, William, when he and his wife, Dorothy Mutz of Lincoln, were Laporte teachers in the late 1930's. Dr Neihardt mentions this encampment in his prose book, The Splendid Wayfaring, p. 180. A first-edition copy of that book was displayed in the case at Bancroft with the pages held open to the page mentioned with a piece of fossil wood. I have heard of a monument erected at the site of Ashley's camp, but we have not yet visited it.

J.D.Y.

P.S. Bancroft is an easy 100 miles north of Lincoln, 6 miles west of the intersection of Highways 77 and 51. Admission is free; large groups should be by appointment.

J.D.Y.

Dr. John G. Neihardt was an honorary member of the Lincoln Gem and Mineral Club. He was interested in lapidary work and some of his jewelry has been on display in Gem and Mineral Shows. When in Lincoln he spent much time in the Young home. We are indeed fortunate to have articles about him by Mr. Young who was so intimately associated with him.

Editor

People who matter are most aware that everyone else does, too.

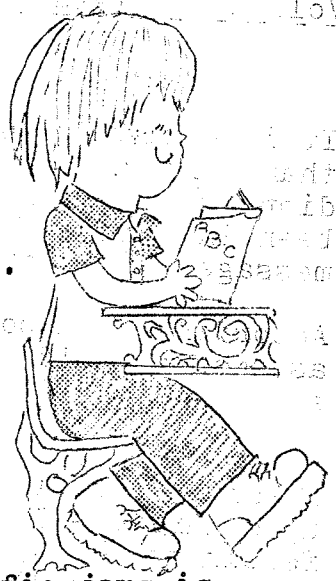
Malcolm S. Forbes via Readers Digest

Worst thing about the younger generation is that a lot of us belong anymore.

Author unknown

JUNIOR PAGE

Hi Juniors:
Did you have a good summer? Why not tell us about it via the Junior Page?
We've got a National Show coming up next summer. It isn't too early to begin planning your exhibits for it. We want our Juniors to be well represented.
Mrs. Ulrich



DAFFYNITIONS

- Seat Belt...The best way to keep from leaving the scene of an accident..
- Love.....Six people in a car for 3000 miles.
- Differently.The way you refold a road map.
- New Math ...The number of blasts from horns in traffic jams is equal to the squares at the wheel.
- Rain.....Something caused by high pressure areas, cold fronts, and vacations.
- Road Atlas..A book of etiquette showing motorists which fork to use. via Chips and Facets

Minerals in Daily Use

- Asbestos is an unusual mineral because it is composed of fibers which can be spun into thread to be later woven into cloth.
- Sulfur is one of the most useful minerals. It is used for vulcanizing rubber, in the manufacture of matches, in making paper, and many other industries.
- Gypsum is used in the manufacture of plaster.
- Nitrate of Soda is used by farmers to make the soil more fertile.
- Some minerals are valuable because they are beautiful. Diamond is a mineral which is formed when carbon is heated to a high temperature and under high pressure. They are the hardest substance known.
- Rubies and sapphires are among the favorite precious stones.
- Amethyst, agate and opal are semi-precious stones.

One good thing about telling the truth is that you don't have to remember what you said. Michigan Lapidary Soc. Bulletin

The human brain is a wonderful thing. It starts working the moment you're born and never stops until you stand up to speak in public.

Author unknown

POTPOURRI

It is estimated that twice as many solar time pieces will be sold than were sold in 1978. Seike will have two new solar watches on display at trade shows. A solar-powered talking alarm clock has been introduced by Windert. It tells time and carries a verbal message to remind you why you wanted to know what time it is.

According to a popular Jewelers' magazine sterling one day may be as good as gold, or as expensive as gold used to be. Sterling inspires creative and imaginative out put for student designers.

Dendrite Structural Composition Determined... What chemicals make up dendrites-black, crystalline, delicately fernlike patterns that fascinate rock collectors- finally has been deciphered by geochemists Russell M. Potter and George R. Rossman of California Institute of Technology. The textbooks, it seems have been dead wrong all these years. The crystals in dendrites are too small for standard x-ray diffraction, so the presumption has been that they are formed of the common manganese dioxide mineral pyrolusite. Potter and Rossman, however, discerned the true composition by infrared transmission spectroscopy. Dendrites are indeed manganese oxides, they say, but in such crystalline forms as romanechite, hollandite, todorokite, and cryptomeland-everything but pyrolusite. None of the dendrites examined were mixtures. Each contains only one form of the mineral..

Henry Schmidt, Science/Technology Concentrates, C&EN
via THE PICK and DOP STICK

Don't use laundry detergent to clean oil from material that has just been sawed. Use dishwashing detergent instead. Laundry detergents contain bleaches that may affect colors of many gemstones and slabs. Dishwashing detergents do not have bleaches and are balanced to break down oils, fats and greases.

via Chips and Facets

Be not concerned, nor be surprised,
If what you do is criticized.
There'll always be some folks who can
Find some fault with every plan.
Mistakes are made, we can't deny
But only made by folks who try.

Slab & Gag and other sources

Grandfather had just bought a small, almost invisible hearing aid and paid a visit to the salesman to express his satisfaction. "I imagine your family are happy, too," said the salesman. "Oh, they don't know I've got it yet," chortled grandpa. "And am I having fun! In the past two days I've changed my will three times!"

Pipeline Engineer via Chips & Tips

Midwest Federations NEWSLETTER

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June 1979 - Issue No. 196

Midwest Convention: 'Wonderful World of Gems'

The Midwest Show and Convention at Columbus, Ohio, August 2-5 will be exceptional in many ways. The special displays from major museums will include award winning jewelry, superb crystals, regional fossils, rare artifacts gem cravings, dazzling gems, and much, much more. Show visitors will have the chance to meet and talk with curators of important museums, to hear well known authors and get their autographs, and to see inspiring and educational programs and demonstrations on all phases of the earth sciences and lapidary arts.

Actions, door prizes, swapping and other features will add to the excitement. Another popular attraction of recent years, the Hall of States, will occupy some of the spacious, air-conditioned show building.

New plans for judging and new categories for distinctive trophies have been announced. An exhibitors and judges seminar will be held for competitors and those interested in competition. Retailers and wholesalers will represent many areas. Bulletin Awards, All American Awards, and display awards will be presented. Luncheons, breakfasts and the Awards Banquet are being planned, with surprise details for each event. Even the program will be an unusual souvenir of a big event.

Show Chairman Carlton Davis says packets have been mailed, and a large crowd is anticipated. For details write him at 2453 Buckley Rd., Columbus, Ohio 43220.

GEMS AND MINERALS WANTS YOUR SHOW DATES

After great success with the first Directory Issue, GEMS AND MINERALS is planning for an even bigger and better one for this September. Called the 1980 Directory" this issue will include many categories of interest and value throughout the end of this and all the next year.

To make the Coming Events section as complete as possible, please send us your show dates. The "1980 Directory" issue will include show dates from September 1979 through December 1980.

Please send your show dates to GEMS AND MINERALS, P. O. Box 687, Mentone, California 92359.

Deadline is July 15, 1979.

OP MANUAL BEING PRINTED

Printing of the newly revised Operation Manual has been authorized and will be sent to the printer very shortly. When copies are available it will be announced in this Newsletter.

LAST ISSUE UNTIL SEPTEMBER

This June issue of the Newsletter will be the final one until September. We publish ten times a year, September through June. The September issue will be mailed about the middle of August and copy for the issue should be sent to the editor as soon as available so that space may be allotted for it.

SCHOLARSHIP GAINS

by Katharine Steinbrenner

Since the last Scholarship report was published in the Midwest NEWSLETTER seventeen clubs and individuals have sent in contributions that total over \$1336.00. As a result the following ten clubs have advanced their Scholarship status as follows:

Copper Country Rocks and Mineral Society	1100%
Great Lakes Rock Club	800%
Cedar Valley Rocks & Minerals Society	1000%
Hawkeye Gem & Mineral Club	1200%
Blackhawk Rock Club	1100%
Driftless Area Gem & Mineral Club	100%
Loup Valley Gem & Mineral Society	100%
Central Illinois Gem and Mineral Society	700%
Miami Valley Mineral & Gem Club	300%
Michigan Mineralogical Society	1400%

Our sincere appreciation to all of you for your generous gifts.

Please would you all do something that would really help in answering your letters --- that is put your name and address and the name of your club on the inside of the envelope. Do not know what kind of ink the Post office is using today but it is sometimes very messy and when the only return address and name is on the outside it is sometimes almost impossible to read. So -- please do type or print your name, address and name of your club and put inside the envelope. It would also help if you would tell me how many members you have.

Thank you again for your generous gifts.

Russell Kemp appointed to fill term of Ellis Courter as AFMS President

Russell Kemp, South Holland, Illinois, has been appointed to fill out the term of Ellis Courter, the late AFMS President from Southfield, Mich. Russell is a past President of the Midwest Federation and has held various committee positions for the Midwest since 1957. He was the second President of the AFMS Scholarship Foundation, a position he held for two years. He is currently boundaries chairman for AFMS.

Russ and his wife Doris have probably given more programs for clubs, and taken more displays to shows than anyone

else. They have also given several slide programs to the Federation. Their two older sons have become professional geologists. Russ has been contributing Editor of Earth Science and is now Editor of the Lizzadro Quarterly. He is Chairman of the board of the Lizzadro Museum in Elhurst.

The Kemps are widely traveled, and have attended many regional and AFMS shows. They have also been show committee officers of shows in the Chicago area.

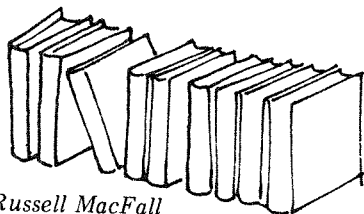
Russell says that he will try to attend as many Federation



*Russell Kemp
AFMS President*

Shows this summer as possible, and that he expects to carry out some of Mr. Courter's excellent plans and ideas.

BOOKS



By Russell MacFall

Mineral guides for the collector continue to come to our attention. Among them is *A FIELD GUIDE TO TOPAZ AND ASSOCIATED MINERALS OF TOPAZ MOUNTAIN, UTAH*, by John Holfert, in a revised edition. Holfert, whom we met at the Tucson, Ariz., show, lives in Bountiful, Utah, and had some of his prize specimens along at the show. Topaz Mountain has long been a mecca for collectors interested in digging from its rhyolite cliffs, the topaz, bixbyite, red beryl, pseudobrookite, garnets and other minerals found in vugs there. Holfert describes the precise locations he has found rewarding, illustrating them with hand-drawn maps and 36 excellent illustrations as well as crystals drawings and descriptions. The booklet of 66 pages is copyrighted 1978. The price is \$5.95.

Mineral and Gem Localities in Arizona by Lee Hammons is published by Arizona Maps and Books, P. O. Box 1133, S Sedon, Ariz. After a preliminary discussion of identifying, cleaning and discovering minerals, Hammons presents a set of guide maps and then 30 maps in color which identify by color the major rock types in each area as well as more precise mineral localities by circles and crossed lines within them which express degree and precision of the location. Some locations are identified with a single mineral, others with general families of minerals or metals. Hammons' guide is loose leaf with a decorated stiff cover. It is copyrighted 1977 and has 112 pages.

Readers of the Newsletter who know of other mineral or fossil locality guides that have not been described in this series of reviews are urged to let the reviewer know about them.

NATIONAL GEM PROPOSAL: SOME RESULTS

by June Zeitner

Although ballots are still coming in on the National Gem proposal, there have been many clubs asking for a progress report.

Here is the way things stand now.

77 clubs voted, representing 4316 members.

GEM

Quartz, 44
Agate, 5
Tourmaline, 5
Sapphire, 5

ROCK

Granite, 43
Limestone, 7
Marble, 3
Sandstone, 4

MINERAL

Gold, 35
Copper, 9
Silver, 4
Iron, 5

FOSSIL

Trilobites, 18
Dinosaurs, 18
Petrieved wood, 18
Brachiopod, 7

All clubs did not vote for all four. 3 clubs voted that they didn't think now was a good time to try for a National Stone bill. Several clubs voted only for local material such as Fairburn agate, or benitoite, or Ohio Flint, or Petrified palmwood. Several clubs had rocks and minerals confused. It was interesting to note that with only two or three exceptions all the minerals voted for were metals.

Other votes may come in during the summer vacation (?) of your editors, but if there are not at least 300 clubs voting, we will probably do nothing further about a National Gem at this time.

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June 1979 - Issue No. 196

Columbus show was exceptional

By June Zeitner

The host clubs of Columbus, Ohio, under the direction of show Chairman, Carlton Davis, worked long and hard to produce one of the most beautiful, and most educational, and most interesting, shows ever held. The well planned floor space held 87 competitive and 57 special displays, many which were never seen previously at Midwest shows. No part of the hobby was overlooked. There were excellent fossil, mineral, lapidary, jewelry, archeology, and educational displays. Programs by well known writers, teachers, curators and artists, covered the spectrum of the earth sciences and lapidary arts. The courtesy, hospitality, and friendliness of the Columbus members was most outstanding.

Meetings and special events in the headquarters Sheraton had spacious and comfortable rooms. The Editor's breakfast, chaired by Paul Good, had the enthusiastic editors receiving their awards soon after 7:30 am. Meetings all started on time and business was transacted rapidly and smoothly. Highlight of the show was the Awards Banquet with Ted Cadeau as Master of Ceremonies and Dr. Clifford Frondel as speaker.

The great amount of creative planning, the enthusiastic cooperation of the host clubs, and the long hours put in by many individuals, certainly paid off with a show which will be the talk of the federation, and which will be emulated by other clubs for years to come. Congratulations and many thanks to the Columbus Rock and Mineral Society, the Rolling Stones, Rockwell International Gem and Mineral Club and Good Earth Mineral Society for a truly great and memorable show.

Bulletin Editors Contest Winners

Here is a list of the Bulletin Contest Winners as announced at the Editor's Columbus, Ohio, Aug. 4.

Mini bulletin contest

First "Flint Flashes" Helen Smith, editor Licking County Rock and Mineral Society, Ohio.

Second "The Slate" Pauline B. Johnson, editor Northwest Ill. Rock Club, Freeport, Ill.

Small bulletin contest

First "Worthen Worthy Notes" Irma W. Bradley, editor Worthen Earth Searchers of Hancock Co.

Second "The Template" Jacque Nawajoski Chicago Lapidary Club.

Third "The Rockfinder" Frederick C. Niebauer, editor Michiana Rock & Gem Club, Inc. South Bend, Ind.

Large bulletin contest

Judges Award; One Bulletin selected from All Entered for this special award. "The Geode" James P. Silva, editor perfect score, McDonald Douglas Gem and Mineral Society, St. Louis.

First "The Pick and Shovel" Evelyn Ulrich, editor Lincoln Gem and Mineral Club, Lincoln, Nebraska.

Second "Gem City Rock News" Rita C. Hagerbaumer, editor Gem City Rock Club, Quincy, Illinois.

Third "Pebble Pusher" John Boland, editor Coulee Rock Club, LaCrosse, Wisconsin.

Fourth "The Tulley" Betty Myers, editor Park Forest Earth Science Club, Park Forest, Illinois.

Fifth "The Earth Science News" Floyd M. Rogers, editor

ESCONI, Glen Ellyn, Illinois.

Sixth "Sandscript" Marilyn McFadden, editor Duneland Rock Club, Gary, Indiana.

Seventh "The Pyriter" Lyle Voas, editor Dallas County Rock Club, Inc., Minburn, Iowa.

Eighth "The Beachcomber" Nan Huff, editor Lake County Gem & Mineral Society, Zion, Illinois.

Ninth "Crystal Cluster" Jean Mueller, editor Des Plaines Valley Geological Society, Illinois.

Tenth "Chip and Lick" Martha Miller, editor Miami Valley Mineral Club, Ohio. "The Petosky Stone" Sylvia Harken, editor C.A.I. Lapidary Club, Drayton Plains, Michigan.

New bulletin editors

First "The Glacial Drifter" Bob & Ruth Beauvais editors Grand Rapids Mineral Society, Michigan.

Second "Rock Dust" Gladys Holliday editor Sioux Empire Gem and Mineral Society, South Dakota.

Third "The Trilobite" Margaret M. Pearson editor Wisconsin Geological Society, Wisconsin.

Special publications

First "E.L.S. Handbook—25 Years of Growth" Luella Bond editor Evansville Lapidary Society.

Second "The First Ten Years" Helen & Howard Smith author Licking County Rock & Mineral Society Inc., Ohio.

Third "Lance Kuhnline: A Whale of a Scrimshander" Bob Hunter author, McDonnell Douglas Gem & Mineral Society, James Silva editor, Missouri.

Awards . . . continued on reverse side

Your 1980 Regional Show Schedule

Here are the dates and locations of the six Regional Shows in 1980. Note that the National Show and Convention will be held in Lincoln, Nebraska in conjunction with the Midwest Federation, June 12-15, 1980.

CALIFORNIA	EASTERN	MIDWEST AFMS SHOW	NORTHWEST	ROCKY MOUNTAIN	SOUTH CENTRAL
August 1-3, 1980 Pasadena, California	June 20-22, 1980 Charleston, West Virginia	June 12-15, 1980 Lincoln, Nebraska	August 1-3, 1980 Boise, Idaho	June 6-8, 1980 Topeka, Kansas	August 15-17, 1980 Shreveport, Louisiana

Why they win

By June Zeitner, Chairman

Some clubs are often among the winners of the Midwest Merit Awards and the All American Awards. The winners are not always from big cities, and they are not always big clubs. They are not always clubs with plenty of money. And they are not all experienced older clubs either.

What do these clubs have in common? Spirit! Enthusiasm! Zeal! They are clubs who love what they are doing and reach out to help others fall in love too, with the wonderful world of minerals.

Here is a resume of the winners for the Midwest Federation.

DUNELAND ROCK CLUB, Gary, Indiana. These 55 members work together to serve their Federation and community. They have a lapidary workshop for Senior Citizens, which was such a success the county started to bus people from all over the county to take part in the classes. They set up a lapidary shop in the Junior high school, which was copied by three area high schools.

ISHPEMING ROCK AND MINERAL CLUB, Ishpeming, Michigan. The proximity of this club to well known field areas, has inspired this club to be leaders in field trips, safety, and information about their mineral-rich area. The 94 members are strong in all round service to members, other clubs, community, and Federation.

MC DONNELL DOUGLAS GEM AND MINERAL SOCIETY, St. Louis, Missouri. This active club of 106 members has a comprehensive bulletin, excellent educational programs, 12 club field trips, a competitive show, lapidary workshops, an exceptional and much used library, and so many special events that the group is really like a big happy family.

CEDAR VALLEY ROCKS AND MINERALS SOCIETY, Cedar Rapids, Iowa. Very active in their community, the 121 members hosted a large and successful show for the Midwest in '78. The club has an extensive speaker program for the community and provided 45 talks on the earth sciences for organizations in the area last year. They sponsor two geology students from the University of Iowa, for their required field work expenses.

ROEHM GEOLOGY CLUB, Berea, Ohio. An exceptional club of 106 Juniors, this club is a consistent winner, even with a constantly changing membership. Twenty % of the Roehm Junior High students belong to the dynamic group. Members have as many as 20 field trips a year, participate in shows all

over the country, bringing back many trophies. They give talks to elementary classes, they take educational geology tours, and they serve the Midwest Federation.

EARTH SCIENCE CLUB OF NORTHERN ILLINOIS, Downers Grove, Illinois. The 474 members have 7 separate meetings in a month, with expert leaders helping the study groups cover archeology, lapidary, micromounts, mineralogy and paleontology. Members are involved in helping juniors, commity projects, Federation work, and mostly being of service to each other, so that a large club seems like a small intimate group.

Judges are always impressed by the variety of projects clubs are involved in. The winners always have all the activities that other clubs have, but beyond that they have something extra. A little more creativity. A few extra activities. And an indefinable spirit.

Midwest Judges for this year were Terry and Marie Huizing, Chuck and Jinny Jennings, and Charlotte Ferguson. The Federation had 40 entries, with Illinois and South Dakota having the most entries. There were also 12 Honorable Mention Certificates.

Awards . . . continued from front page

Original article contest (adult division)

First "Mercury—Interesting & Useful—But deadly" Betty Myers, Park Forest Earth Science Club.

Second "Hey, Nessie, Was your mother a Plesiosaurus" Jack Mueller, Des Plaines Valley Geological Society.

Third "T.L.C. for Fossils" Diane Dare, Evansville Lapidary Society.

Original article contest (junior division)

First "Sharks & their awesome teeth" Joseph Myers, Park Forest Earth Science Club.

Second "The LaBrea Tar Pits" Joseph Myers, Park Forest Earth Science Club.

Third "Rockhound Paradise" Jeff Nelola, Cedar Valley Rocks & Minerals Society.

New type faces

Parrot Printing Service, the Des Moines based printing firm that prints the AFMS Newsletter and the Midwest Federation Newsletter, has installed new electronic typesetting equipment. It will enable them to set copy faster and block it on the right in addition to the "ragged right" they have used in the past in our Newsletters. A complete new group of type faces are now available and the look of the Newsletter will take on a different appearance. Parts of this issue was set on their IBM composer before the new equipment was installed and part after the electronic equipment was placed in service.

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Advertising by a rock-hobby business or interest is permitted with approval of the Board, at a rate now set at \$10.50 per full page per insertion, paid in advance. 1/2 page \$5.25, 1/3 page \$3.50, 1/4 page \$2.75 (min). These ads will be placed throughout the bulletin as space permits.

Subscriptions to THE PICK & SHOVEL are \$3.00 per year mailed.

Dues to LINCOLN GEM & MINERAL CLUB are as follows:

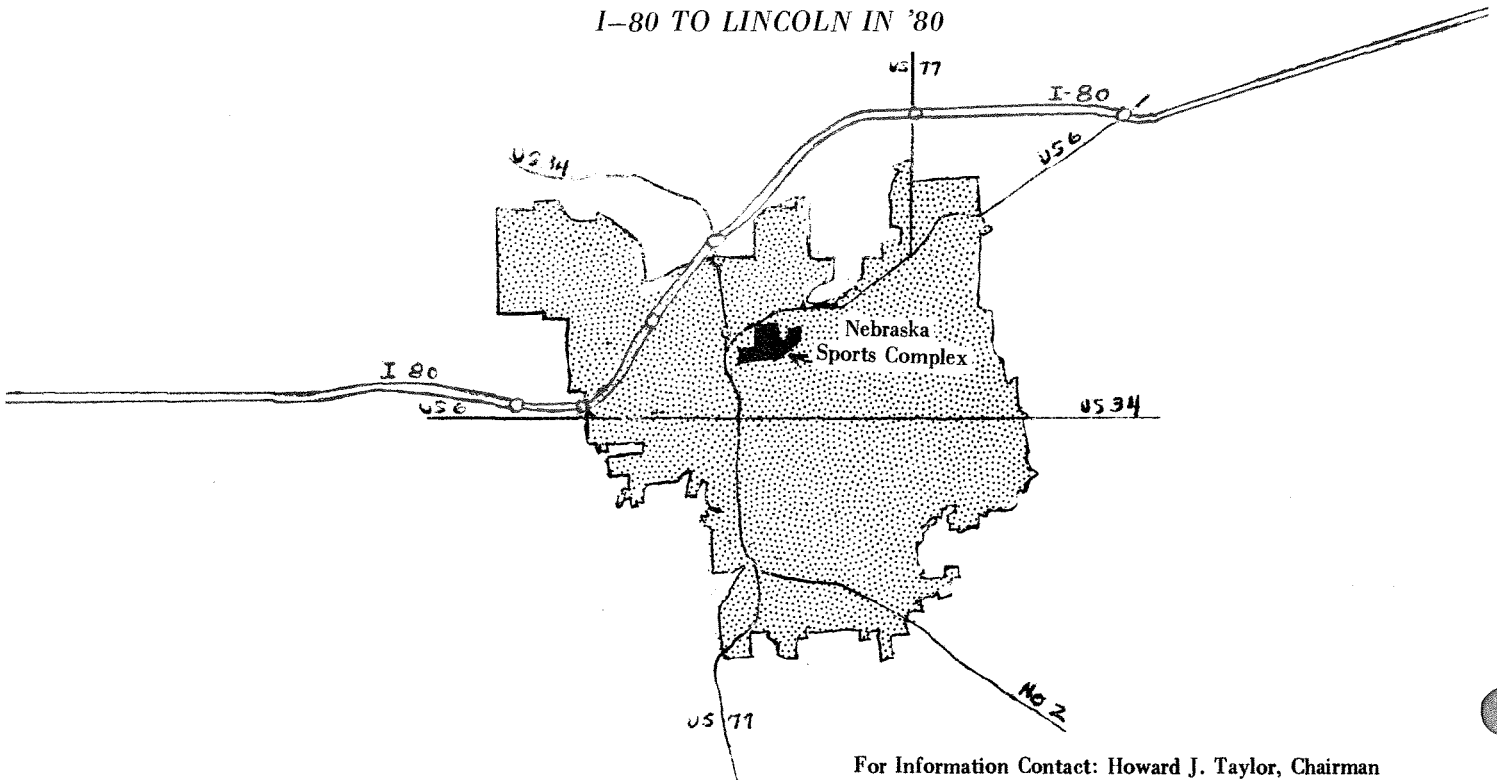
Adult membership fee \$4.00 (age 16 and over)

Junior membership fee \$1.00 (age 12-16)

Family membership fee \$9.00 (husband, wife and all children under 16 - permanent residents of household)

New membership must be approved by the Board, after applicant attends at least one (1) regular meeting of the club, and pay the above dues plus \$1.00 registration fee.

HOST TO
NATIONAL GEM AND MINERAL SHOW, June 12-15, 1980
I-80 TO LINCOLN IN '80



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