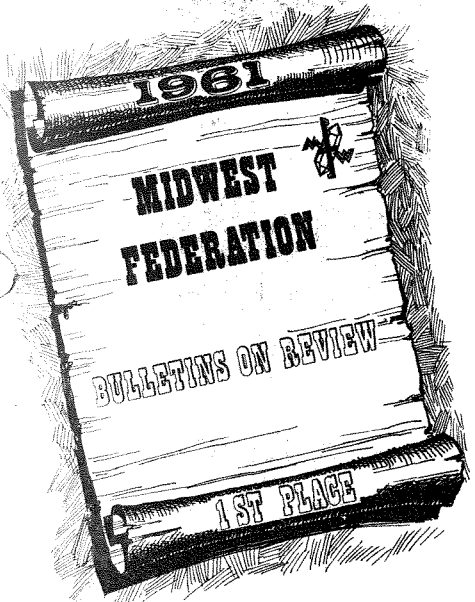
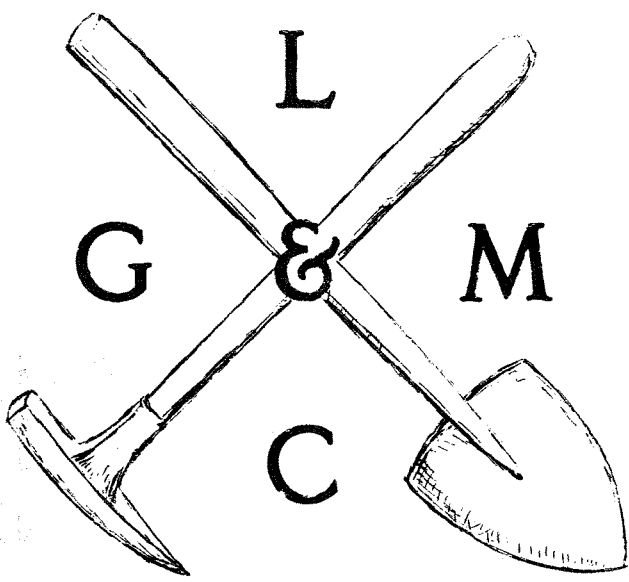


# THE PICK & SHOVEL



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
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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	
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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 Lymann		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.

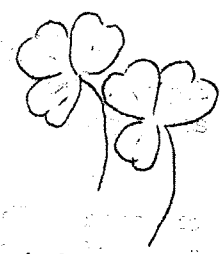
PICK & SHOVEL STAFF: Chairman...Larry Bigley (466-0211)  
Editor Evelyn Ulrich, 3521 S. 48th St., Lincoln, Ne. 68506, Phone 488-9051

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



NO March General Meeting. This is Show month. The Ag Bldg. will be open at 10:00 A.M. Mar. 23rd. Come and help get the Show set up. Be sure to read the Presidents Message for particulars.

Raffle. Help our LGMC educational fund by buying raffle tickets. 1st prize - 12 inch R.C.A. black and white television set. 2nd prize - Dermal tool. Books of 20 tickets available. Each chance 25¢. Tickets may be purchased from Grant Quinn.

LGMC Board Meeting ... 7:30 P.M. April 12, Home of Howard Taylor, 910 New Hampshire.

1979 Dates to Remember

- Mar. 24-25 Lincoln, Ne LGMC 21st Annual Show, Ag. Bldg. Fairgrounds
- Apr. 7 - 8 Cedar Rapids, Ia Cedar Valley Rocks & Minerals Society Show
- Apr. 20-22 Hastings, Ne. Central Ne. Rock & Min. Soc. Show High School Auditorium.
- Apr. 20-22 Wichita, Ne. Wichita Gem & Min. Soc. Show, Cessna Activity Center.
- May 5-6 Lexington, Ne 100th Meridian Rock & Min. Club Swap.
- May 19-20 Hot Springs, S.D. Picture City Gem & Min. Soc. Show.
- June 2-3 Hebron, Ne. State Swap, City Park.
- July 21-22 Columbus, Ne. Loup Valley Gem & Min. Soc. Show.
- Aug. 18-19 Crawford, Ne. N.W. Ne. Rock Club Show.
- Sept. 1-3 Omaha, Ne. Ne. Min. & Gem Club Show, Holiday Inn.
- Oct. 20-21 Grand Island, Ne. State Show, Fanner Park.

1979 Regional Shows

California	Eastern	Midwest	Northwest	Rocky Mountain	South Central
Sacramento	Tampa	Columbus,	Kennewick	Rapid City,	Abilene,
June 22-24	Fla.	Ohio	Wash.	So. Dakota	Texas
	July 19	Aug. 2-5	Aug. 31-	June 8-10	May 18-20
	22		Sept. 2		

June 12-13-14-15, 1980 Lincoln, Ne. Lincoln Gem & Mineral Club hosts National Show.

The Pick & Shovel Staff hope that you will like the appearance of our new 'printed' covers. We wanted to make them heavier than before but feel we might have gone a bit too heavy. The printer did an excellent job and we have enough printed 4 sides to last through 1979 plus outside covers for 2 months of 1980. The '1980 Show Committee' have already paid for the promotional map of Lincoln with I-80 in color which appears on the label page. We hope to put out 12 issues for 1979 with much of interest about our up-coming 1980 National Show. Publicity Chairman Roger Pabian should be coming with some stimulating information as often as time permits and the rest of the committee will no doubt have reports from time to time. They are really getting the feel of things now and are preparing for full steam ahead.

LAST MONTH-The February meeting was well attended. Present were 48 adult members, three junior members and five guests; Emma Baegl, Chriss Lloyd, Sally Lloyd and Kim Lloyd and David Eno.

New members were introduced and they are: Ervin Marshall, Marilyn Smits, John and Rae Ann Hedin. Member applicants Richard and Joyce Haney and Don and Carolyn Rose were also present.

It was reported that the 25th anniversary lapel pins and patches were ordered. The books that were on display at the January meeting were ordered and unfortunately they did not arrive in time for the meeting.

Various chairpeople of the 1979 Show Committee gave reports and those who needed help asked for volunteers. (I know they will need lots of workers so don't hesitate to volunteer if you weren't at the meeting.)

Frank Rule reported on a possible field trip to Missouri to hunt mozarkite. Details will appear in the April Pick & Shovel.

After the meeting was adjourned we enjoyed seeing slides of the Melvin Lentz wood collection. The slide program was presented by Frank Rule. Many of the pictures were taken by Tom Rule.

The social hour followed with coffee and cherry pie--and they all looked delicious!

\*\*\*\*\*

yester year 10

WAY 20 BACK WHEN

In March 1969 Barbara Allen showed us her slides that were taken while she and her family were in Turkey. Oh yes, Hal Allen went back for a three month stay.

In March 1959 we had a beautiful colored film on "The Black Hills Vacation Land, also a film on Mammoth and Mastodon Elephants of the Plains. As a club we incorporated March 18, 1959.

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Greetings from the Sunshine Corner:

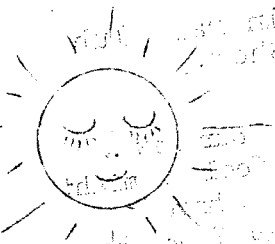
People are like stained glass windows. They glow and sparkle when it is sunny and bright; but when the sun goes down their true beauty is revealed only if there is a light from within.

Author Unknown

A belated get-well card was sent to Virg Carveth who was hospitalized.

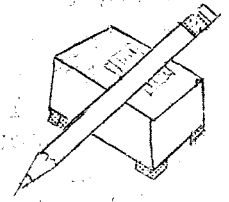
I hope those who had tumbles on old man winter's ice are feeling better. (Hurt pride probably hurts the most!)

Suze Sunshine



FROM THE PRESIDENT'S DESK

It was nice to see so many people at our February meeting. Weather did cooperate a little better.



Well, show time is here, are you ready? Remember the show can only be as good as your support is. Committee Chairpeople have done their jobs, so now it's up to us members. We will have competition and non-competitive displays, also open displays, so keep thinking about entries. We still have raffle tickets for sale, please help to get rid of them. People are needed to help in several areas.

Arrangements have been completed for our Awards Breakfast. You will be able to register at the Information Table at the Show, please come and join us. Building will be open at 10 A. M. the 23rd. If you like we can start taking a few displays by noon.

It is time again to remind all people who have LGMC properties, that they make a list and give it to Dick Roberts.

Hope to see you all at our show.

Howard

Thanks go out to Dick Hornung for repairing the tricycle for the children at Trabert Hall.

Club President

Thanks also go to Stan and Hazel Greenwade for their donation to our club library of a copy of the book "The Sea Around Us" by Rachel Carson. Stan recommends this as a very interesting and educational book.

Dr. R. D. Gibson, former LGMC member-President and producer of several programs for the club, has sent word that he has eight 'Wichita' cases for sale. You may contact him at 4109 Prescott or phone at 488-9474 for information.

\*\*\*\* A lot of people love their jobs, it's the work they hate. \*\*\*\*

From the editor's desk...Winter can't last much longer since spring officially begins this month. Let's hope that it will be warm and pleasant. We've had enough ice and snow. Field trips will again be in order before long. Let's have some reports about them for the bulletin. Articles written by members are always welcome. Your rock-hunting experiences always make interesting reading. Articles by Flossie Litzenberg, Frank Rule, Tom Simmons, and J.D. Young have appeared in several of our exchange bulletins. We are happy to know that other clubs are enjoying their contributions.

\*\*\*\*\*

MARCH by Katherine Edelman

Hear the madcap March winds run,  
Bent on gay and boisterous fun,  
Laughing, whistling, blustering, swirling,  
Shrieking, blowing, twisting, whirling,  
Rushing with a threatening roar,  
Rattling casement, banging door;  
Shaking, waking flower and tree,  
Running wide and high and free;  
Calling, shouting far and near:  
"Wake up! Wake up! Spring is here!"



Hallmark Cards via The Template

\*\*\*\*\*

On St. Patrick's Day, an Irishman went to his doctor for a check-up, with his St. Paddy's perfume strong on his breath. "Well", he said to the doctor, "How do I stand?"

"I wonder myself," replied the doctor, "It's a miracle."

Earl Wilson, Field Newspaper Syndicate

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As of June 11, 1978 the African elephant has been put on the threatened species list by the United States Fish and Wildlife Service Department of the Interior.

This means that anyone who has any form of African elephant ivory rough, carvings, tusks, etc. should be prepared to show that such was imported into the U.S. prior to the above date.

If anyone owning any African elephant ivory wishes to sell any part of his collection to anyone in another state or from another state, he must obtain a Federal Fish and Wildlife Permit at a cost of \$25 for a two year permit. Otherwise he is liable to large fines and imprisonment.

Reference: Federal Register, Vol.43, No.93, Friday, May 12, 1978. Further information can be obtained by calling the Dept. of Interior, Washington, D.C. at 1-202-634-1496.

Donald Kostecki via the Pick and Dop Stick

## FINAL PRE-SHOW REPORT

# 1979 SHOW

LEADS

# 21

We are hosting our 21st Annual Show on March 24-25, 1979, at the Agricultural Hall on the State Fairgrounds in Lincoln. Show hours will be 9:00 a.m. to 9:00 p.m. on Saturday and 9:00 a.m. to 5:00 p.m. on Sunday. This show is classed as the largest gem and mineral show in Nebraska.

The special feature of this year's show will be a large display of Latvian amber jewelry. The collection is being furnished by numerous Latvian residents of Lincoln. This unique jewelry found its way to Nebraska through the many Latvians who came to this region after their homeland was subjected to Nazi and later communist takeovers of the Baltic States, during and after World War II. In conjunction with this special display, a slide presentation will be presented by Arijis Leipins of Lincoln on Latvian amber jewelry and other Latvian jewelry. The program will be presented at two o'clock on Saturday and two o'clock on Sunday.

Amber is the fossilized, hardened resin of the pine tree. Most commercial grades formed in the Eocene period about 50 million years ago. Most amber is drop or nodular shaped, or has a shell like formation, often with a weathered crust. Pieces up to one cubic foot and weighing over 22 pounds have been found. It is sometimes found with inclusions of insects, parts of plants, or sometimes pyrite. It can be ignited by a match. When rubbed with a cloth, amber becomes electrically charged and can attract small particles. The Greek word for amber is Elektron, which comes to us in the modern form electron. Amber takes a polish well and has a resinous luster.

The largest deposit in the world is in Samland near Palmnicken, west of Konigsberg, formerly eastern Prussia, and now Poland. Mined from the surface, the amber is picked and washed out. Only about 15% of the amber is suitable for jewelry.

There are large reserves in the seabeds of the Baltic. After heavy storms, amber is found on the beaches and in shallow waters of bordering countries, after the surf has stirred up the seabed. The amber from the sea is especially solid and used to be regularly fished for by fishermen. Other sources are Sicily, Rumania, Burma, Canada, some Atlantic states of the United States and the Dominican Republic. Closer to home, some amber has been found near Dakota City, Nebraska and Sargent Bluff, Iowa.

Amber has been used since prehistoric times for jewelry and religious objects, accessories for smokers and also as a cure for various illnesses. Amber, referred to as the "gold of the North," is one of the earliest-used gem materials. It is used today for ornamental pieces, cut stones for rings, pendants, pins and necklaces.

Amber is a soft material, registering 2 - 2½ on the Mohs hardness scale. It can be scratched by a fingernail. It comes in various colors, such as light yellow to brown, red, nearly colorless, milky white, blue, black and greenish.

Along with this special feature there will be working demonstrations of wire-twist jewelry making by Ed and Mary McNamar, Des Moines, Iowa; silverwork by Barb Hawkins, Wymore, Nebraska; sand art, using natural-colored sands by Ed and Peggy Cobb, Vidalia, Louisiana; copper bead making by Cliff and

continued

FINAL PRE-21st ANNUAL SHOW REPORT - continued

Maxine Eickhoff, Tilden, Nebraska; gem trees and gem pictures using natural gems by Bev Carroll, Ft. Dodge, Iowa. There will also be displays of gems, minerals and fossils collected and shown by members of the Lincoln Gem and Mineral Club, and members of other clubs throughout the midwest.

In addition to the Latvian jewelry slide presentation, Norm Francis of the Lancaster County Civil Defense Office is scheduled to present a program at 11:00 a.m., Saturday, March 24, on the detection of tornadoes and safety measures that potential victims may take. Other films scheduled for presentation are: "This Earth", "Alaska Earthquake" and "Knots of Solid Earth".

There will be twelve nationally-known retail dealers from Idaho, Minnesota, Colorado, Kansas, Arizona, Missouri, South Dakota and Nebraska with gems, minerals, fossils, mountings, finished jewelry, books and rock-hound equipment for sale to collectors, beginning collectors and the general public who might become "rockhounds".

An additional feature of this year's show will be the working shop area, showing the process of taking a piece of rock or gem material, cutting it into slices, grinding, sanding and polishing, and ending up with a finished cabachon, to be put into a piece of jewelry; or some other gem item such as a bowl or marbles. Much of the equipment in use will be homemade.

Discount coupons are again available in many places. There will be several displays between now and showtime at banks and libraries. Be sure and get your raffle tickets to sell - only 25¢ a chance and you might win a TV or Gem Drill.

Everybody welcome to come out on Friday the 23rd and lend a hand to help set the show up. See you at the Fairgrounds!

.....

We think this article in January AFMS Newsletter can be applied to our own club publications with just a few words changed. Try changing the words with the broken underlines to Pick & Shovel, member or club and see how it comes out.

YOU can help... MAKE THE AFMS NEWSLETTER TIMELY AND INTERESTING

Do you ever wonder why your favorite specialty is not mentioned more often in the AFMS Newsletter, or why a successful new project of your club does not receive mention, or why a new book you like is not reviewed? The Newsletter can only include the items you think it should if you send them in. Committees and officers and members of all the Federations can help make the Newsletter timely and interesting by sending in reports and news items and publicity stories which are of wide interest.

Editors are supposed to select and edit the material which goes into the Newsletter, but they are not expected to have to find all the stories and do all the writing. To edit means to prepare for publication, to select, revise, decide what to print within the governing policy.

The policy of the AFMS Newsletter is to keep readers informed of ideas, developments and events within the Regional and American Federations, to acquaint readers with officers, committees, programs and problems. To give all parts of this great hobby a chance to tell their story. To serve the best interests of all the members. In order to do this, your editors would like to remind you, we need your help. If you see something interesting about earth science or the lapidary fields in a newspaper, send us the clipping. If there is a good story in your club bulletin please check it when you send it. We get many, many bulletins, and we could be a little weary of reading by the time we get to your story unless you call it to our attention. If you have a question, a reply, a comment, or an original article, please write. This Newsletter serves all, only if all serve it.

EASTER SUNDAY, March 23, 1913

--by J. D. Young

When one becomes an octogenarian, reminiscing should be forgivable. So, fellow rockhounds, please pardon my latest indulgence. With your permission I shall proceed with the story. Thank you very much.

Easter Sunday, March 23, 1913 was unique, calendar-wise, because it was the earliest Easter date in the 20th and in the 21st centuries, and within one day of being the earliest date possible, according to the most prevalent date-reckoning formulas. It is also remembered because on that day Omaha experienced an awful tornado, killing over 100 people, and far more deadly than that of a few years ago.

This year, 1979, Easter will be on April 15. Dedicated Pick and Shovel back-issue savers may like to try the formula contained on p.13, April 1976 issue, and determine the date with it. It should work if all steps are carefully done.

In 1913 my home was east of Oakland and north of Craig, Nebraska, about 50 miles northwest of Omaha. Several places outside the metropolis were having their own tornadoes the same afternoon of that fateful Easter Sunday, and one of those was Craig. We were on the Craig telephone exchange, mail route, and we younger members of the family attended high school there. Today that school is combined at Oakland, in line with modern trends.

There is much in my memory relating to that unusual Easter Sunday. Early in the day we noticed something strange about the atmosphere, hard to explain. We had no barometer, but the air pressure must have been extremely low. Animals seemed to sense something too. My brother, William, and I spent most of the forenoon playing with a primitive communications outfit, entirely homemade. It was a sort of pre-electronic C.B. set, with special emphasis on the pre. I shall give a brief description, technically very simple.

Each of us had a transmitter, which doubled as a receiver. It consisted of a "tin" can with a tempenny nail driven through the bottom, from inside the can. William's station was inside the buggysed door and mine was inside a granary window about 100 feet away. Stretched between each station, and tied securely to each can's protruding nail, was a single strand of sisal binder-twine to carry the simple mechanical sound waves over the nonmetallic line. It really worked, though the volume decibel rating would have been rather low. William and I did not mind that feature, as we had not yet joined the "hearing aid" set. There was no interference or any other headaches, and the cost was near zero.

Soon after noon the ominous, weird atmosphere became more oppressive. Our alert father instructed us to drive all of the "expectant" broodsows from their lolling places around the barnyards to a safer place inside the farrowing shed. The previously calm air began to move, the sky darkened, and the chickens went to roost. Kerosene lanterns were needed to find all of the lazy hogs. Inside the farmhouse, lamps were lighted. We had not yet installed electricity.

We took refuge down in the well-protected "cyclone cave," outside the house. A brief torrent of rain was followed by almost complete darkness, and then the sky cleared, the sun shown brilliantly for awhile, followed by some more dark clouds, and then --- it snowed! Our farm suffered no serious damage, but we soon realized our rural telephone line was silenced, no communication. In 1913 there was no radio, no T.V., and our binder-twine "C.B." did not help. We did the evening chores, and went to bed believing somethin, somewhere must have happened.

EASTER SUNDAY, March 23, 1913 (continued)

"Came the dawn," the morning chores done, breakfast over, and with the old sorrel gelding, "Mike", hitched to the top-buggy, William and I set out for Craig High School, 3 1/2 miles down the slushy road. The light snow was still visible in certain places. As we approached Bell Creek valley north of town we saw the normally small stream was 1/2 mile wide, and dead chickens floated near the roadway. Then we encountered shredded bits of corrugated steel culverts along the way. We learned later that they had come from a storage pile near the railroad coal-chute in Craig.

Mike pricked up his ears as if he knew something must have happened, and we both agreed with him. Nearer the town the evidence of destruction increased, with buildings leveled, trees flattened, and debris everywhere. Mike continued to pick his steps on through, rather cautiously. We still had not heard about the destruction in Omaha, but we were fully aware of what had happened locally.

We wondered, "has the dear old Craig High School wooden building been spared?" Finally we were able to see it on the hilltop, unscathed and with doors wide open to receive the daily influx of town and country junior citizens. "Drat." Our popular, young schoolman, Supt. John L. McCommons, agreed to the requests of the few who came to school that day, and declared a half-holiday. We were free to explore the wreckage, confined mostly to the north part of town and nearby farms. Fortunately there had been no deaths or serious injuries, and property damage would eventually be healed. A small farm boy had been torn from his parents' grasp as they hastened to their cave. He was found unhurt, quite a distance from their completely demolished home, amid debris. A postcard had been driven into a tree like a knifeblade, and in a flattened chicken house a rooster's head was thrust into a water jug. He was not crowing.

The awful damage in Omaha soon became known. My father and I went by train to visit relatives, all survived, and to view the effects of the storm. The path of destruction extended through much of the residential section. It was hard to believe that loss of human lives was not much over 100. Craig's damage seemed insignificant, by comparison.

In later years I have visited several other places after tornado damage. The worst of all was the Kansas town, Udall, in 1955, where over 80 were killed, about 1/4 of the population, in a night-time twister, coming with practically no warning. I visited the same town ten years later, and it had been all rebuilt. Those "Jayhawkers" rebound quickly.

There is an old Kansas story about a tourist who questioned a farmer about what looked like a brick smokestack standing alone on the prairie. It was explained to be a neighbor's well, turned wrong-side-out by a tornado. That's enough for this time.

J.D.Y.

P. S. Haberdashery note: While in Omaha after the 1913 Easter tornado I bought my first pair of long pants -- in time for my high school graduation in 1914; I had outgrown the conventional knickerbockers. Then Craig wrecked the old wooden structure, and built a brick High School.

Another show which you might be interested in is the Fort Collins Rock Hounds Club Show at Lincoln Community Center, Fort Collins, Colorado -March 30-April 1.

We Spent the Holidays in California  
by Flossie Litzenberg

We left December 6, 1978 with our son, Bob, and his family in his motor home to visit my sister and her husband, Ruth and Walter Benzing in Oxnard, California. We arrived at their home around 9:00 P.M. Saturday, December 9.

Monday, December 11 Bob took off with everyone but my sister and myself on a rock trip to Cadez near Amboy on Siam crossing to dig for an agate that polishes up beautifully. Amboy is east of Barsto and north of Twentynine Palms. Walter had been there before and knew where to dig. They had to dig deep in the sand to get down to the agate. Betty and Mary helped with the digging. In fact Mary got the biggest chunk. At night they saw some kangaroo rats and some small red foxes. After supper they played cards (Pitch). They brought home about a ton of good agate. They got home around midnight Wednesday night.

Friday, December 15 Mary gave a halfhour program of Hula and Tahitian dancing for the Eastern Star Lodge that Ruth belongs to.

Glen went on two other rock trips with Walter and his neighbor in the mountains north of Oxnard but didn't have any luck.

Sunday, December 31 Bob took his family and myself to Pasadena to find a place to park to watch the "Tournament of Roses" Parade. I never saw so many RVs of every size and description. We got there before noon and it seemed like everything was filled. There was no parking allowed on Colorado Boulevard, where the parade route was. Gas stations along Colorado Boulevard charged \$75.00 to park overnight on their drives over night, in the front row. People were camped out along the curbs. However we did find a place just three car lengths from Colorado Boulevard. Ordinarily you could only park there for two hours, but because it was Sunday, They didn't ticket anyone. So, we spent the night there. It was very noisy around midnight, but we finally got to sleep. About 2:30 A.M. a car sideswiped us with quite a jolt. Bob jumped out of bed, grabbed his pants and caught them at the corner. The corner was closed off after dark and people sat in their chairs or slept in sleeping bags across the intersection. So the hit and run drivers couldn't get through. They weren't going to stop. They were trying to turn around. Bob reached under their hood and jerked off their distributor cap and ran back to the motor home. He tried to get the police on every CB band there was, but couldn't raise anyone. There were a lot of policemen wandwering around the streets to try to keep some order. These people got three of them and came to the motor home and accused Bob of wrecking their car. Bob explained the situation to the officers. They all looked at the damage to the motor home and it being made of fiberglass, there was no dent, just a streak of their blue paint. The police asked Bob to forget it and asked if he could fix their car and for them to forget it. They claimed they were turning around to come back to the motor home to talk to Bob. But we don't believe in fairy tales.

HOLIDAYS - continued

New Year's Day we watched the Parade. When I got tired of standing at the curb, I went back to the motor home and watched it from there. We didn't get out of Pasedena until 3:00 P.M. Walter and Glen had driven Walter's trailer house to the Siam siding that morning and we were to meet them there that night to hunt rocks with them. It was 5:00 P.M. by the time we got to Cucamonga which is before you get to Twentynine Palms. Betty had friends there and Bob was afraid he wouldn't be able to locate the siding in the dark and Betty wanted visit anyway, so we camped in their driveway that night. It had been a terribly windy day. Walter told us later that he would have turned back with his trailer house if he hadn't promised to meet us there. Tuesday we got an early start and arrived at the diggings around noon. The men had already dug quite a hole in the sand. I wasn't any good at the digging so I did the cooking. At night we saw two foxes. It was very cold at night. After supper we had to play our usual game of Pitch. We started home at 8:30 A.M. on Thursday, with at least another ton of agate.

We left Los Angeles Airport at 2:45 P.M. Sunday, January 14, 1979, laid over in Denver for an hour and a half and arrived in Lincoln at 9:00 P.M. When we left Los Angeles the temperature was 56 degrees and below zero when we got in Lincoln. We brought home 27 pounds of agate slabs.

We got home just in time, because our furnace began to act up. Our neighbor, who watches after our house while we are gone, turned the furnace up Saturday night, so we would come home to a warm house. But after the house got warm and the furnace shut off, it did not come on again. He came in to check everything out Sunday morning and the house was cold. He went downstairs and fooled with the furnace switch and got it going again, but it was out when we got home that night. We started it again and it was off the next morning. I called the gas company and they sent a man out before noon. We got a new motor, new pilot light, cleaned and oiled, at a cost of \$89.25. But I'm glad we got home in time to take care of it before things froze up in the house. Of course, our neighbor would have taken care of it, but I was glad we were here to do it ourselves..

- Flossie

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FOOD FOR THOUGHT - Exerpt from February AFMS Newsletter

General Motors President E. M. Estes says this country has so many resources left, it doesn't have to hang its entire future on the dead-end certainty of conservation. Conservation doesn't cure scarcity; it only delays it.

There comes the point where the country can buy more transportation by putting its billions into increased energy production than by continuing to put them into vehicle mileage improvements which are increasingly costly to achieve. This crossover point occurs when it costs more to save a gallon of gasoline than to produce an additional one.

JUNIOR PAGE

Dear Juniors,

Would you like to go on an agate hunt? See how many you can find in the following puzzle. Good Luck.

Mrs. Ulrich

S D E N D R I T I C M N O T R  
T X L R O T R E P U S E K A L  
A E R M S D A E H Y R D O L S  
B A E L A L L E T I R R U T I  
R N A P L U M E F A I R B U R  
A A S T E N O N N T R O S E I  
Z T I X Z E C A L Y Z A R C B  
I N O I T A C I F I T R O F O  
L O G U N I A B L Y X E O O T  
I M O S X T I X N E A P U F S  
A T R E P R L K H Y D G O O W  
N U M A B A N D E D O M U L A  
O K X U N I K S E K A N S N N  
E L R S W E E T W A T E R I A  
I N D R O M O S S R P Q Z D T

- |               |               |
|---------------|---------------|
| Banded        | Laguna        |
| Botswana      | Lake Superior |
| Brazilian     | Mexican       |
| Crazylace     | Montana       |
| Dendritic     | Moss          |
| Dryhead       | Plume         |
| Fairburn      | Snakeskin     |
| Fire          | Sweetwater    |
| Fortification | Teepee Canyon |
| Iris          | Turritella    |

via Glacial Drifter

\*\*\*\*\*

Did you hear about the dizzy rockhound who thought nitrates were cheaper than day rates?

When asked what he thought about Red China he said, "It's all-right if it doesn't clash with the table cloth."

He thinks the Ford Foundation is a new kind of girdle.

He took out blanket insurance because he smokes in bed.

via The Geode

POTPOURRI

GET THAT CAMPER READY TO GO

Here are some timely hints for cleaning your camper: It's Field trip time!

When your drain is clogged, to make it run free and clean, pour a cup of baking soda and a cup of salt in the drain, followed by a pan of boiling water.

If you have a copper pot to clean, try rubbing catsup on the tarnish to make it nice and clean.

To prevent mildew from forming in your refrigerator, wipe the insides with vinegar. The acid effectively kills the mildew fungus.

If your sink is stainless steel, rub lighter fluid on rust spots. Clean with any of the following: rubbing alcohol, baby oil, olive oil, white vinegar or carbonated water.

To clean the glass door on your oven, try baking soda, using it as you would a scouring powder.

Spot on the carpet can usually be removed by rubbing with shaving cream.

Dents in the refrigerator, other appliances and even the camper itself can usually be pulled out with a plunger.

To keep windows free of ice and frost, rub the inside with rubbing alcohol then polish with paper towel or newspaper.

Use a few plastic net bags that onions come in to wash the windows where dried insects have accumulated.

Place an inch of baking soda in the camper ashtrays to prevent moldering cigarette ashes.

Battery corrosion can be cleaned away from terminals by scrubbing with a strong solution of baking soda.

via Gem Time

\*\*\*\*\*

Everyone who goes on a field trip should remember the dangers of the rugged, remote areas, where collecting seems best. Recently a former Arkansas State Geologist was killed in a rock slide near Valentine, Nebraska, while searching for vertebrate fossils. James Harrison Quinn, of Texas, was in the company of another professional paleontologist, Mr. Morris Skinner, Ainsworth, Nebr. when a sandy bluff collapsed, pushing Quinn from the outcrop, and killing him almost at once. When this happens to professionals, we realize again it could happen to anyone.

June Zeitner, AFMS News

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There are no club cases available this year.

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910 New Hampshire  
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EXHIBITOR'S ADVISORY

The Lincoln Gem and Mineral Club will take every possible precaution to protect each individual exhibitors property and person. This includes security during the show, set-up time and tear-down time. Lincoln Gem and Mineral Club, its officers, members, and agents will in no way assume liability for loss, theft, or damage to specimens in individual exhibits, or equipment or tools of exhibitors, or for injury to exhibitors during the show, set-up time, or tear-down time.

All exhibits are to be in place and ready for viewing and/or judging by 8:30 A.M., Saturday, March 24, 1979. Late set-up will be allowed only by permission of the floor chairman and show chairman. No exhibit may be removed from the show area before 5:00 P.M., March 25, 1979, without permission of the floor manager and show chairman.

For further details, contact: Glenn Lyman, 1979 Show Chairman  
420 No. 56th St., Lincoln, Ne. 68504  
Phone (402) 464-6089

# Midwest Federations NEWSLETTER

Published monthly except July and August as a service to member clubs. All news, articles, subscription orders and requests for information should be sent to the Editor, Haydon Peterson, Parrot Printing, 2125 Forest Ave., Des Moines, Iowa 50311

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March 1979 - Issue No. 193

## *“Wonderful World of Gems”*

Plans for “Wonderful World of Gems” the Midwest Show and Convention in Columbus, Ohio, Aug. 2 - 5 are progressing according to schedule according to Carlton Davis, Show Chairman. The show is sponsored by the Columbus Rock and Mineral Society, Good Earth Mineral Society, Rockwell International Mineral Society and Rolling Stones. It will be held in Veterans Memorial in downtown Columbus.

Speakers will include Paul Desautels, Cornelius Hurlbut, Hohn Sinkankas and Dr. Vince Manson, G.I.A. Exhibits will include those from Smithsonian, Harvard University, Carnegie Museum, Cranbrook, and Gemological Institute of America.

Complete information on the show will be found in future issues of this Newsletter and will be mailed to other interested persons very soon.

Specific information on various aspects of the show can be secured by writing Carlton Davis, Show Chairman, 2452 Buckley Road, Columbus, Ohio 43220.

### OLIVE ELLERSICK

We were sorry to learn of the death of Olive Ellersick, St. Louis, Missouri, on December 8, 1978. Olive was a member of the Earth Science Club of Missouri and a former editor of the ESCOMO Bulletin.

Until a few years ago when she became ill, she was very active in the Midwest Federation having worked on the annual Midwest Directory for many years.

### NAME BADGES

If there are any Midwest Executive Committee members, including Past Presidents, who do not have a new clear plastic name badge for themselves or their spouses please contact Mary McNamar, Chairman Public Image and Courtesy Committee, 3513 57th Street, Des Moines, Iowa 50310.

### AFMS UNIFORM RULES BOOKLETS AVAILABLE

If you do not have a copy of the AFMS Uniform Rules 4th Edition (blue cover) here is an opportunity for you to get a copy. Our Midwest Director of Supplies has a limited quantity available at \$.50 per copy. If you would like a copy, send \$.50 to Clinton Hecket, 725 Stewart Ave., Elgin, IL 60120. This 4th Edition will no longer be in use after Dec. 31, 1979 as a new 5th Edition will be issued early in 1980.

### WELCOME NEW CLUBS

**TRI-COUNTY ROCK AND GEM SOCIETY**  
Dean Stevenson, President  
RT. 5, Box 156  
El Dorado Springs, Mo. 64744  
joined January 24, 1979

**SHABBONA TERRITORY ROCK & GEM CLUB**  
Marvin Lawyer, President  
101 E. Main St.  
Neward, Illinois 60541  
joined January 24, 1979

**UPPER THUMB GEM AND MINERAL SOCIETY**  
Mrs. Jean Reid, President  
4680 Trassmere Rd., Cass City, Mich. 48726  
joined January 26, 1979

### 1979 DIRECTORY AT PRINTER

Most of the copy for the 1979 Midwest Directory has been sent to the printer. Diane Dare, Directory Chairman, plans to have the Directory distributed to all clubs and individuals within a few weeks.

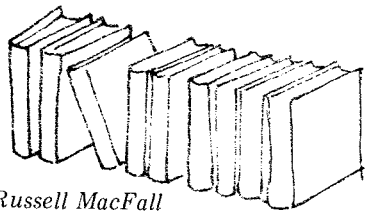


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## BOOKS



By Russell MacFall

Mineral collectors are fortunate to have available several new state guidebooks that have just come to this reviewer's attention. **Minerals of New York State** (Ward's Natural Science Establishment, Rochester, N.Y., \$7.95) is written by David E. Jensen with photographs by Kay Jensen, both former presidents of the Eastern Federation of Mineralogical and Lapidary Societies. Jensen has included a history of mineralogical research in New York State with brief biographical sketches of many of the notable figures and organizations that have laid the foundation for his account of the major formations and mines of the state, followed by a detailed descriptive mineralogy and bibliography. Mrs. Jensen's photographs include 16 pages in color and nearly 100 in black and white.

**Minerals of Georgia** by Robert B. Cook (Bulletin 92 Geologic and Water Resources Division, Dept. of Natural Resources, Atlanta, \$5.00) is virtually a monograph of the reported occurrences of minerals in that state. Published in large format with color illustrations on the front and back cover, it gives detailed location information taken from an exhaustive inquiry into the reports from the nation's first gold rush in Georgia in the 1820's until the multimillion dollar industrial mineral exploitation of today. In its completeness it is a model for state guides.

Only a couple of years older is the excellent **Mineralogy of Michigan** (Bulletin 6 Department of Natural Resources, Geological Survey Division, Lansing) by Prof. E. William Heinrich of the University of Michigan. After an account of the basic geology of the state and the history of prospecting and mining there, Heinrich describes minerals alphabetically rather than in the systematic fashion used in the Georgia guide. Like Jensen's book, it is the convenient octavo size. The bibliography is excellent.

One more word: **Dictionary of Geological Terms**, Revised edition, Anchor Books, Garden City, N.Y. paperback, is a handy book to have in your library.

## SCHOLARSHIP RECIPIENT

*This is a letter to Russell MacFall from our Scholarship recipient for 1978-79, Nancy Newberry.*

I was very happy to find out that I will be receiving the scholarship of the American Federation of Mineralogical Societies for this year, and happy to help you by answering any questions you have about me.

I am from Coldwater, Michigan, a moderately small town in the lower peninsula, where I graduated Valedictorian of a class of about three hundred students. I was a rather typi-

## ARCHEOLOGY GETS A BOOST IN SOUTH DAKOTA

*From Rock Dust — Sioux Empire Gem & Mineral Society, Sioux Falls, S.D.*

Lyle Cheever, retired district judge in Brookings, S.D., is an amateur archeologist. He was concerned when he learned there were no records of archeology finds in the northeast part of South Dakota. While picnicing at Oakwood Lakes last summer, a member of his party found some pottery. Experts were called in who turned up a 1,000 year old village site which has been nominated for listing in the National Register of Historic Places. He says they've located four village sites in Deuel County alone.

Bob Alex, state archeologist, said South Dakota is the only state in the nation without an anthropology major. The U of SD will offer twelve anthropology courses next semester and wants a major in the field authorized by Board of Regents.

Archeologists are proposing an out-reach program to train amateurs to help salvage important sites before erosion, vandals or developments ruin them forever. Mr. Cheever believes amateurs should very much be discouraged from doing individual digging, but there aren't enough trained archeologists to follow up every lead.

It is important to know that when a person comes across a find like these people did — pottery: two little potsherds about the size of a nickel — that it should be reported to an archeologist so a search might be made and the digging and recording done in a way so records can be kept. Darrell Fulmer, who is an archeologist at a village site near Mitchell said, "Artifacts get amateurs into it. But there's more than artifacts. Soil chemistry, magnetic anomalies in the soil, pollen, snails — these things take expertise, and once the site is disturbed they mean nothing."

Amateurs can dig, but an expert needs to be with them to show them how.

---

cal active high schooler, having participated heavily in theater, dance, lab assisting, art and at least attempting to rule the world by running in many races for student government.

I have spent my last four years at the University of Michigan and am now twenty-two. During my study here I have earned the Branstrom Freshman Prize and other honors; and am fortunate to work with Dr. Donald Peacor on a research project which will be completed this fall. I will be continuing here in a Master's Degree program and will be assisting in teaching Mineralogy.

My interests outside geology are numerous and varied. I am particularly interested in the old (and once more necessary) arts of spinning, dyeing and handweaving. I am restoring an antique loom which I hope will be very useful. I read extensively, have recently been tackling thirty mile bicycle trips and learning bicycle mechanics and enjoy swimming and sailing. I am a member of Delta Gamma Fraternity and have held the offices of Scholarship chairman and Vice President.

I was surprised to read that you are familiar with the name Newberry. Unfortunately, the renegades of my family are unrelated to these well known and philanthropic people. How did you happen to know your Michigan history?

I would like to thank you again for your support and will certainly keep you informed of any future publications or discoveries.



WELCOME TO OUR SHOW. Our members are made up of persons interested in all facets of the Earth Science field which include fossils, Gems and Minerals as they are found and in various stages of preparation for display and exhibition as decorations in home and office, and as faceted, ground and polished; and carvings in many shapes for adornment of the person.

As human life average has increased considerably in the past century and our work week has been shortened, it becomes necessary that when we retire we have something to keep our minds and body busy, if we are to live a normal life. We recommend any of the Earth Science hobbies (the fastest growing hobbies) to anyone.

If this show has created an interest in any facets of the Earth Science field, any of the clubs listed on the sheet available at the ticket desk would welcome you to their meetings.

My sincere thanks to everyone who, in any way, assisted in making this show a success - with special thanks to the exhibitors and demonstrators and to my Committee: Art Miller, Art Hare, Earl Eberhardt, Jane Ershen, David Semsroth and Bill Condray. *Don Crowder*  
Show Chairman

\*\*\*\*\*  
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## SPECIAL EXHIBIT

### AFRICAN ART

We are indebted to Mr. Joseph Mascara and Mr. Harold Kalicak for the loan of the beautiful Malachite and Ivory carvings from Zaire. Additional carved objects from the once "dark continent" may be viewed while dining at Mascaras' - 6997 Chippewa, St. Louis.

### FOSSIL CIRCUS

Vone & Len Luthi - Topeka, Kansas

A unique creation of circus acts composed of Kansas fossils.

### DOOR PRIZES

Each hour attendance prizes will be selected from ticket stubs. MAJOR PRIZE RECIPIENTS need not be in attendance. We wish to thank S. & R. Tims for the silver pendant, Michael Gough for the Gem Tree, Don Charpiot for the Carving, and Raytech Mfg. Co. for the Tumbler, all to be awarded at the close of the show.

## DEMONSTRATIONS

### CHANNEL SILVERWORK

Stan and Bob Tims - Tucson, Arizona

Considered by many to be America's premier artisans in one of the most difficult concepts of silverwork. Watch these men fashion custom jewelry for your appreciation and enjoyment. Various finished items are for sale.

### GEM TREE SCULPTURE

Michael Gough - Springfield, Missouri

These extraordinary trees of breathtaking beauty have won First Place at the Oklahoma City, Tulsa and Ozark Arts & Crafts Festivals. Mr. Gough is frequently commissioned to create pieces for nationally-known television personalities.

### SCRIMSHAW

Glen Moch - Mercer, Missouri

Reviving the long-forgotten art of early whaling seamen, the engraving of Ivory and Bone. You are invited to watch Mr. Moch at this rare craft.

### CRUSHED STONE SCULPTURE

Bryce Barker - Battle Creek, Michigan

Mr. Barker's talents in this medium have captured the admiration of professional decorators and art connoisseurs alike. Periodic demonstrations for your enjoyment.

## Demonstrations

### FACETING

Bob & Irma Small - Hazelwood, Missouri

Back by popular request, these two enthusiastic rockhounds happily share their knowledge. Watch, listen and learn the meaning of pavilion, table, girdle, etc. in this fast-growing hobby.

### CUSTOM SILVERSMITH

Mavis Geiger - Glendale, Missouri

Delicate, imaginative and daring best describe the efforts of Mavis. Watch her fashion one-of-a-kind jewelry of lasting beauty.

### STONE SCULPTURE

Don Charpiot - St. Louis, Missouri

Long associated with the Missouri School for the Blind, Don's abilities have gained wide reputation. His carvings are displayed in many prominent galleries, including the Metropolitan Museum in New York City.

### SEMI-AUTOMATIC CAB CUTTING

Cecil Lindsay - Louisiana, Missouri

Demonstrating an invention of his own design and creation, Cecil has developed a device to save time and effort when grinding cabochons.

### SILVERWORK AND FACETING

Opal Joe & Emily Creely - Silex, Missouri

Finding a chunk of Opal led Joe to the lapidary hobby. This popular pair have gained an enviable reputation, for their cooperative spirit and willingness have won the respect of area hobbyists.

### SPHERE GRINDING

Kieth Smith - Chesterfield, Missouri

Iowa's loss is our gain. New to this area, Keith will show the step-by-step procedure of grinding and polishing spheres. Watch this fascinating demonstration.

## Displays

### MUSEUM DISPLAYS

Museum of Science - Clayton, Mo.

Mastodon Museum - Imperial, Mo.

Cahokia Mounds Museum - E. St. Louis, Il.

### HOBBY CLUB DISPLAYS

St. Louis Mineral & Gem Society  
St. Louis, Missouri

Rockwoods Mineral & Gem Society  
Ellisville, Missouri

### EQUIPMENT LAPIDARY MANUFACTURER

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 Ethel Becker, Glendale, Mo.  
 Jack Beamer, Ellisville, Mo.  
 Lucille Bishop, Florissant, Mo.  
 T. & E. Boente, Shrewsbury, Mo.  
 Don Charpiot, St. Louis, Mo.  
 J. & E. Creely, Silex, Mo.  
 Chas. Dick, St. Louis, Mo.  
 A. Frank Dodge, Hazelwood, Mo.  
 Clarence Dueber, Webster Groves, Mo.  
 Elmer Feldmann, St. Louis, Mo.  
 Don Gault, Maplewood, Mo.  
 Michael Gough, Springfield, Mo.  
 Mavis Geiger, Glendale, Mo.  
 Ben Greshner, Rock Hill, Mo.  
 Gary Hansen, Creve Coeur, Mo.  
 Mark Harris, Columbia, Mo.  
 Harold Hendrick, Overland, Mo.  
 Cheryl Hindrichs, Fenton, Mo.  
 Wm. Jeffries, St. Louis, Mo.  
 John Johnson, Maryland Heights, Mo.  
 Wm. Kiefer, St. Peters, Mo.  
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 Cecil Lindsay, Louisiana, Mo.  
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 Chas. Stones, Webster Groves, Mo.  
 Celia Tiffary, St. Charles, Mo.  
 S. & B. Tims, Tuscon, Ariz.  
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Wm. Bohannon, Hazelwood, Mo.  
Terry Eppler, Kirkwood, Mo.  
Paul Filla, Creve Coeur, Mo.  
Ed Gordon, Clayton, Mo.  
Ernie Guhl, Florissant, Mo.  
Harold Kalicak, St. Louis, Mo.  
Joseph Mascara, St. Louis, Mo.  
Wade Mayfield, Ferguson, Mo.  
Tom Nelsen, Weldon Springs, Mo.  
Rusty Peeler, St. Charles, Mo.  
Marlys Robertson, Ladue, Mo.  
Thompson Lapidary, St. Louis, Mo.  
Howard York, Brentwood, Mo.

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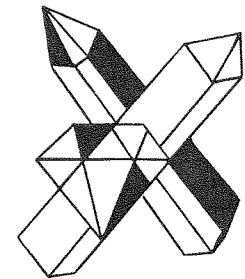
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*Dues* to LINCOLN GEM & MINERAL CLUB are as follows:

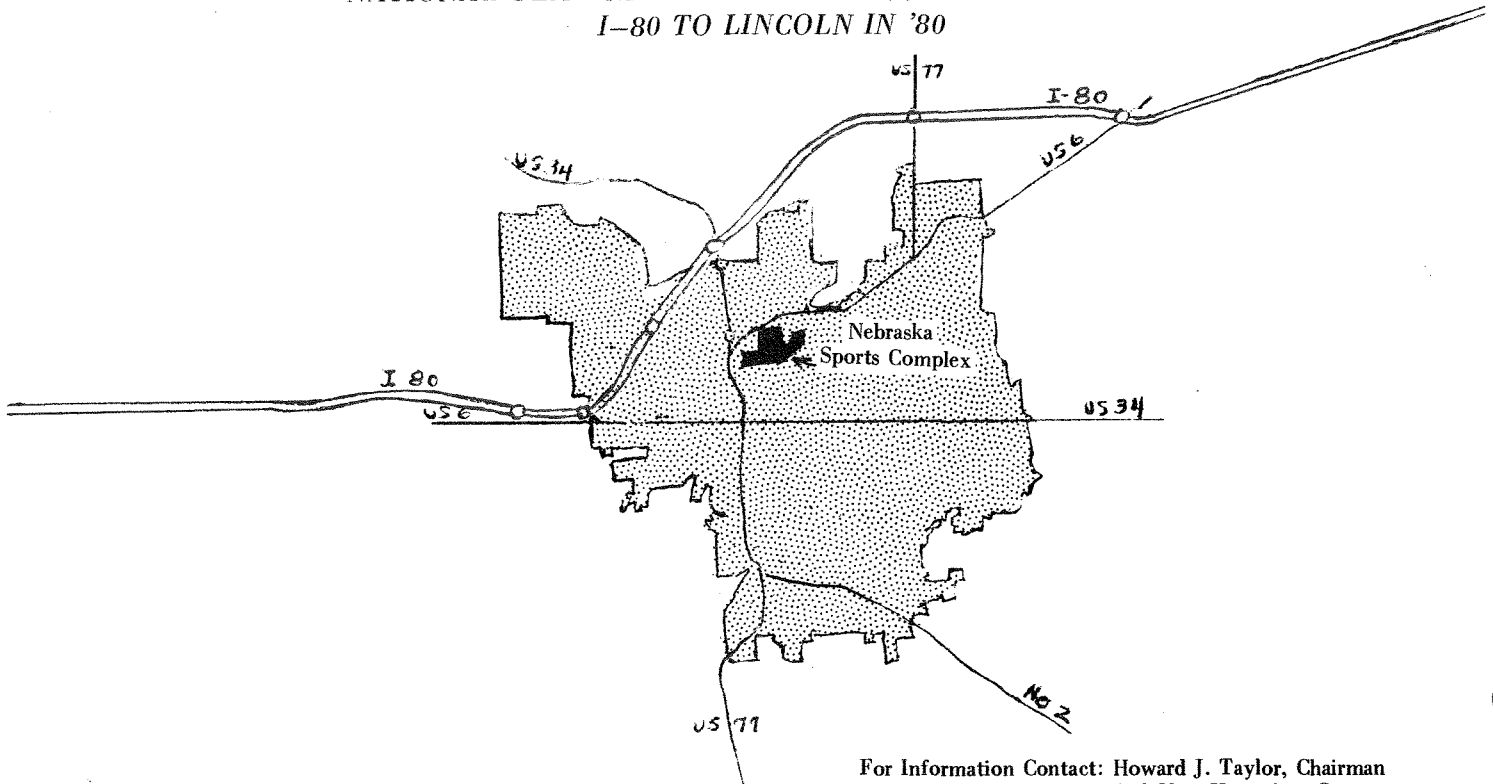
Adult membership fee \$4.00 (age 16 and over)

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



For Information Contact: Howard J. Taylor, Chairman  
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