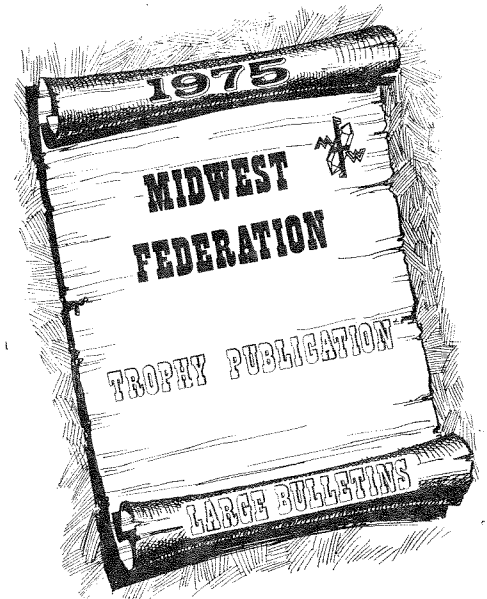
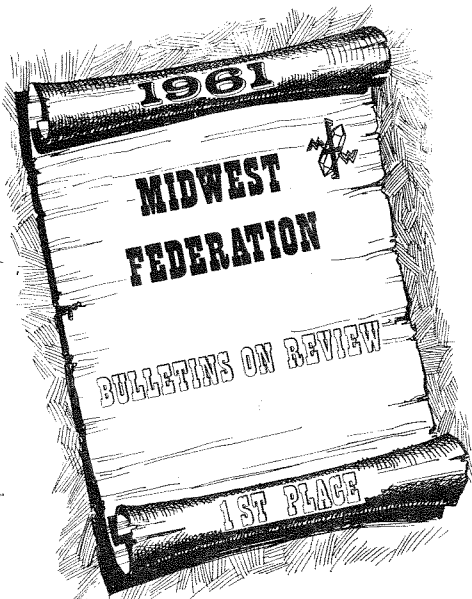
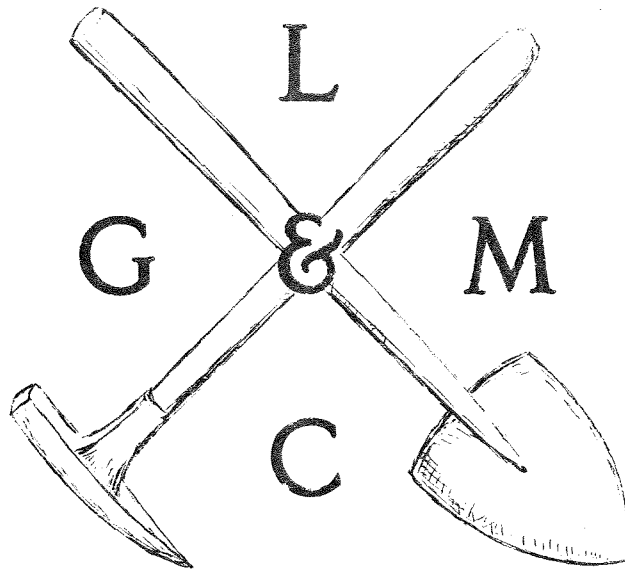


THE PICK & SHOVEL



NOV 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/Stan 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 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

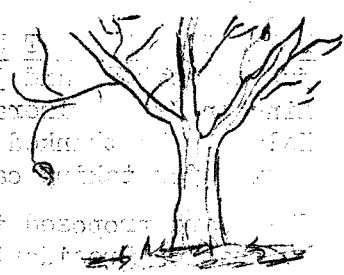
Articles published in THE PICK & SHOVEL may be reprinted if credit is given the
author and the bulletin, and a copy of the publication is sent to the editor.

Regular Meeting...Saturday, November 24, 1979

7:30 P.M., Trabert Hall
2202 South 11th St.

Election of officers

Refreshments will be served by the Refreshment Committee.



December Meeting...The December 8th Christmas party will take the place of the regular meeting which is usually held the fourth Saturday of each month.

Board of Director's Meeting...Home of Howard Taylor, 910 New Hampshire, 7:30 P.M.

Lincoln Gem & Mineral Club Christmas Party

When: December 8, 1979 (banquet starts at 7:00 P.M.)

Where: Colonial Friendship Inn, 56th and Cornhusker Highway. The Gold Room. (This is in the main office building, not the regular restaurant facilities. The entrance faces Pokorny's.) There is a parking lot on that side that should be used.

Reservations are needed. Sign up at the Club meeting on November 24th or give Susan and/or Marie Taylor a phone call. (Reservations must be in no later than December 1st, please!)

NOTICE

We will be leaving December 23rd for our southern buying trip.

Everett Lapidary Shop

At the October meeting the Club voted to accept the By-Laws revision. This includes an increase in dues-\$5.00 for adults, and \$11.00 for families..Consult your Ocotober Pick & Shovel for the By-Laws Committee's report which gives more details. Dues should be paid by January 1st. They will be delinquent January 31st. Remember to bring your informational membership blanks for they must be completed to place on file when you pay your dues. Dues should be paid to the treasurer, Hazel Greenwade.

L A S T M O N T H - The October meeting was attended by 52 adult, 3 junior members and 3 guests. The President reported that 13 cases from Lincoln Gem & Mineral Club were on display at the State Show in Grand Island. He thanked the Roberts, Frank & Tom Rule, Virg Carveth, Roger Pabian for taking cases.

The Board proposed than an Honorary Membership be given to 1980 American Federation President Elwood T. Rees, M. D. and his wife in connection with our 1980 National Show activities. This was approved by the membership.

A written vote was taken on the proposed raise in dues as presented in the By-Laws change which appeared on page 3 of your October Pick & Shovel. This was approved by the membership.

The President asked if we wished a Christmas Party in December and a motion was made and approved to go to Colonial Friendship Inn at 56th & Cornhusker.

Members were reminded that January 15, 1980 would be the 25th anniversary of the first meeting of persons who formed The Lincoln Gem & Mineral Club. We were asked if we wanted a party and the answer was a firm "Yes". A committee needs to be formed to make plans for the event. Flossie Litzenberg accepted the role of Chairperson. This should be another memorable occasion for LGMC Members.

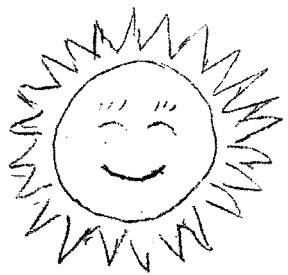
A very interesting program "Field Tripping Oklahoma-Texas High Country", prepared by Florida Panhandle Gem & Mineral Society of Pensacola, Florida and winner of an AFMS award, was presented.

November 1969 - What a grand wind-up program. All the slides taken during the summer and their outings were shown, plus slides taken of the Federation Show.

November 1959 - Dr. R. D. Gibson presented the program on "Minerals used in preparation of medicine from the Early Egyptian to the present time." -from Notebooks of Lois Everett, Historian

10 years AGO
with
20 years AGO
M. J. Hill

Greetings from the Sunshine Corner:



"The first snow fell last week ... patches of snow rest in the pockets of grass where the sun does not reach ... It's a long four months ahead ... plants are brown skeletons; nothing new grows any more....."

(Entry of Nov. 16 - Thoreau Revisited - Diary of a Country Year - by Stephen J. Krasemann.)

Congratulations! No major illnesses, hospitalizations, etc., to report on!

Hope the sun keep shinin' on you!

Suze Sunshine

PRESIDENT'S PAGE

As we approach the Holiday Season I guess its again time for us to count our blessings and again give thanks for our good year of 1979. Yes it was a good year. We had a very successful show, our club gained some new members, and all we did showed some progress.

Plans are under way for our Christmas party. More information should be in this bulletin. Plans are also under way for our 25th Anniversary Celebration. More information on that available from Mrs. Litzenberg. I want to thank Mr. and Mrs. Waddle for their donation of some books to our club library.

November is our election month so hope we have a good turnout so you can all cast a vote. Again dues are going to be coming due for the coming year. We still have some people who need to pick up their identification tags. They will be at the Nov. meeting. Hope to see you all in November.

Howard Taylor

ANNUAL MEETING OF NAOESCI DELEGATES.

In Grand Island Sunday, October 21, 1979 at the State Show there were 15 Clubs represented with a total of 43 delegates present at the NAOESCI meeting.

Minutes were approved as read. Treasurer's report gave amount of \$892.00. Books were audited, report given and accepted.

1980 Shows and Swaps: State Show - Ogallala, Ne. Sept. 27-28
State Swap - North Platte, Ne.

1981 State Swap Beatrice, Ne.

Dues are to remain the same and also the cost of the Gem Palett to remain the same. However cost of Bulletin will change from January to January. Those who have paid during the year will pay balance to first of year and proceed from there. This way all subscriptions will renew at the first of each year.

It was voted to make the Rules Committee and the Long Range Planning Committee one and the same, to be Long Range and Rules Committee Operational Manual to be printed.

Officers Elected for one year: Board of Directors:

President.....Ruby Price Ralph Dayer...1 year
Vice President. Howard Plant Russell Glines. 2 years
Sec't & Treas.. Betty Mae Friskopp Roy Bauer.....2 years

Nominating Committee:

Vern Livingston
Margaret Frankel
Henry Hohnholdt

Lincoln Gem and Mineral Club had four delegates present:

Vera Lyman Frank Rule
Howard Taylor Phyllis Parks

The Lincoln Gem and Mineral Club's 25th Anniversary is January 15, 1980. Let's have a PARTY.. Please attend the November meeting November 24th and help plan where to have the party and what to have.

Flossie Litzenberg, Chairman

From the editor's desk...1979 is fast drawing to a close. The way time flies 1980 will be here before we know it. November is the time to vote for 1980 officers, so the meeting is a very important one that should not be missed. The direction in which a club moves depends a lot upon decisions made by the Board of Directors. Come out and vote for the officers whom you think will do the job best.

An excerpt from AFMS President Russell Kemp's letter in the June issue of the AFMS Newsletter gives some suggestions that should be helpful to any club.

"Probably the most universal hunger in every human is the desire to be wanted, to be noticed, to be made to feel important. And perhaps the nicest thing about it all is that within each of us is contained the power to instill within other people this feeling of personal worth, so that they will feel appreciated and accepted.

But, you ask, how can this be done? Again, it's relatively simple if only you will be objective about it. It can be done by setting into motion the ten commandments for good people relations. Let me list them for you:

1. Speak to people.
2. Be sincerely cordial.
3. Smile at people.
4. Call people by their first names.
5. Be friendly and helpful.
6. Be genuinely interested in people.
7. Consider the feelings of others.
8. Be alert to render service.
9. Respect the opinion of others.
10. Praise generously; criticize cautiously.

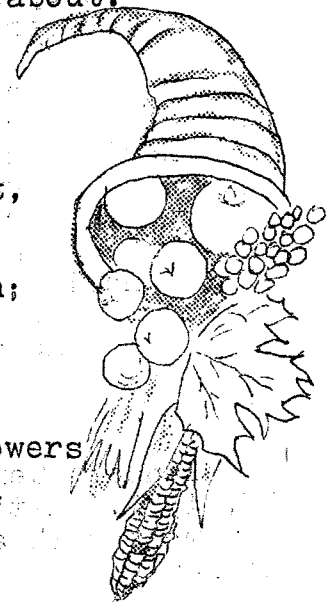
If you endeavor to live by these simple philosophies, you will be amazed at changes they will bring about.

Once more the liberal year laughs out
O'er richer stores than gems or gold;
Once more, with harvest song and shout,
Is nature's bloodless triumph told.

We shut our eyes, the flowers bloom on;
We murmur, but the corn ears fill;
We choose the shadow, but the sun
That casts it, shines behind us still.

Now let these altars wreathed with flowers
And piled with fruits, awake again
Thanksgiving for the golden hours,
The early and the later rain.

John Greenleaf Whittier



MINUTES - LINCOLN GEM & MINERAL CLUB, INC.
BOARD OF DIRECTORS OCTOBER 4, 1979

CALL TO ORDER:

The meeting was called to order by President Taylor at the Taylor home on October 4, 1979. All Board members were present; also Glen and Flossie Litzenberg, Helena Baegl, Evelyn Ulrich and Marie Taylor.

The minutes of the September meeting were read and approved.

The Treasurer's report was as follows: Cash on hand, \$20.00; First Federal Certificate of Deposit, \$3,766.67; Transmatic account, \$1,025.46; and NBC Checking, \$125.47. The report was approved as read.

The following receipts recorded: Mohave Stone Raffle, \$5.00; Scholarship Fund, \$12.45; Silent Auction, \$40.30.

The following Bills were presented: \$18.56 United Typewriter; \$2.94 Frank Rule (gasoline); \$4.28 Howard Taylor (postage); \$44.35 Mar-Gee Plastics (pins); \$150.00 James Taylor (Delegate to Columbus - previously approved by Board, 6/7 meeting). Motion made by Larry Bigley and seconded by Ray Lambert that bills be paid. Motion carried.

Frank Rule and Virgil Carveth have put in the display at Wesleyan University. Thanks.

Fluorescent Mineral Society, Vallejo, California requested pins from our Club for selling/trading purposes. Motion was made by Frank Rule and seconded by Phyllis Parks that we send them 10 pins. Motion carried.

Also, the question was raised whether the Club should order more pins for sale. Ray Lambert made motion for a minimum order of 250 pins for possible resale. This was seconded by Frank Rule. Motion carried.

Midwest Manufacturing Jewelers requested 1/3 page for advertising in the Pick and Shovel. Motion was made to accept by Larry Bigley and seconded by Jim Marburger. Motion carried.

The Nebraska Gems on Location case which Jim Marburger was working on is not finished. It needs glass and finishing. Howard Taylor will finish the case, assisted by Frank Rule.

Evelyn Ulrich received a request for a copy of our Bulletin as a result of our #1 rating in Bulletin judging. Wonderful!

Re-instatement of Andy Zarrins was recommended by Roger Pabian. Motion to accept was made by Jim Marburger, seconded by Ray Lambert. New member - Vernon Jakub - Sponsor, Irl Everett. Motion to accept made by Frank Rule, seconded by Phyllis Parks. Both motions carried.

It was suggested that "New Member" applications be turned in at the meeting they attend, to verify that they have attended one general meeting as required in By-Laws.

BOARD MINUTES - OCTOBER 4, 1979 - continued

Motion was made by Jim Marburger and seconded by Ray Lambert that the By-Laws Committee meet and write up By-Laws for Associate members. Motion carried. One negative vote recorded by Larry.

Motion was made by Vera Lyman for recommendation to rank and file that we grant Honorary Membership to American Federation President and his wife for 1980. Seconded by Ray Lambert. Motion carried.

A person (Roger Engelbart) paid \$4.00 for membership to the Club to some Club member (1977), These monies were never turned in. The incident to be brought before the rank and file.

Increase in dues which passed at September. 22 meetin necessitated a change in By-Laws. Motion was made by Phyllis Parks and seconded by Ray Lambert, change should be printed in the Pick and Shovel and voted on at the October General Meeting. Motion Carried. (See attached Sheet)

Larry Bigley stated change in dues be noted on information page of Pick and Shovel.

The Pot Luck Dinner with the Omaha Club will be held Sunday, October 14, at 12.00 Noon at Weeping Water City Park. (West side of town-south of tracks). There will be no hunting at Hopper Brother's Quarries; Frank Rule checked this out.

Phyllis Parks is working on the Silver Anniversary party.

Marie and Susan Taylor have been checking on Christmas Party arrangements. It is impossible to have "Pot Luck" at Trabert Hall. At Harvesters: \$6.25 Buffet; \$5.25 Menu; Colonial Friendship Inn (Gold Room) \$5.95 Buffet. Suggestions to be brought to the Rank and File October meeting.

There being no further business, the meeting was adjourned. The next Board meeting will be held at the Taylor home on November 6, 1979, 7:30 P.M.

Respectfully submitted,
Vera Lyman, Secretary

Tom: "In order that we might clear our conscience, we should all confess our faults to one another. I have the terrible habit of stealing."

Dick: "Yeah, and I've an awful habit of lying."

Harry: "And I beat my wife!"

Joe: "When I can sneak away, I get dead drunk."

Roe: "I've the bad habit of gossiping! I can hardly wait to get out of here!"

Rock Dust

1980 SHOW NEWS

As we approach the end of the year, some developments have taken place for the forth coming biggie. Vera Lyman has indicated that the banquet speakers will be June Culp Zeitner, nationally renowned author and writer, and Katie Steinbrenner, former president of the American Federation and currently director of the AFMS scholarship fund. These speakers will be real headliners. Ms. Zeitner is just about as knowledgeable a person that there is in the subject of changes in the rock hobby. I am sure that Ms. Steinbrenner will provide some excellent insights on the AFMS and on the scholarship fund in particular.

The committee has met with several directors now and many plans are progressing in an orderly fashion. Arrangements for ribbons are being handled by Shirley Roberts and she now has all of the information needed from the committee. This is a monumental task as there is a great variety of ribbons such as wholesalers, alternates, delegates, etc., in addition to the regular ribbons we use for regular shows.

Jim Taylor reports that several dealers have already volunteered to bring some excellent displays. Some of these I have seen and some I haven't. Those that I have seen are well worth the show efforts. Both wholesale and retail dealer spaces are rapidly filling. Judging from the list, I fear that the show will be much like one landing on Boardwalk with a Hotel in the game of Monopoly. Many of the dealers will have some very fine merchandise---that much is assured.

Working demonstrators will include the Cobbs making Sand Bottles, the McNamars making gold wire jewelry with mojave stone, and Red Wilson, the marble maker. All of these folks add a great deal of interest to any show.

An important part of this show will be the AFMS silent auction. Proceeds from this event go towards the AFMS Scholarship Fund. Donations to the auction are credited to each club and the total goes toward the clubs percentage standing of all clubs. Some clubs are approaching 3000 percent. The silent auction will be under the direction of Norman Brown of Cedar Rapids, Iowa. Welcome aboard, Norm! We're glad to have your help and experience.

Come the first of the year, we will be having several mailings to all of the AFMS affiliated clubs, and to individuals who have requested show information through the ads in Lapidary Journal, Gems and Minerals, etc. The time and place for this event has not yet been determined, but we can utilize some additional helpers. Several of you kind folks have already volunteered but more help is always needed.

The publicity department just gets involved in everything. I think that this job offers a better overview of the show than perhaps even the chairman gets. That is because the publicity director has a great deal of personal contact with many of the dealers, exhibitors, speakers, special events, etc. The job essentially entails work on every committee of the show. It's a real pleasure working with so many fine people both in and out of the rock hobby. I hope that as a club we can provide the visitors to the show with a memorable experience.

Roger Pabian

Publicity Director

P.S. A recent project of mine has been to make a set of slides dealing with the last marine invasion of the north American midcontinent. Such a sequence of strata can be seen in the Fairbury area and in the area around Ponca State Park. The rocks show a continental sequence grading out into a marine sequence over just a few mile. Some interesting fossils such as ammonites are present in these rocks. Perhaps this would make a good spring field trip. I'll lead if anybody wants to follow.

RKPP

HIGHLIGHTS by HELENA

The Holdorfs spent three weeks in California, visiting their daughter and family, as well as the beautiful Yosemite and Sequoia National Parks.

Virginia Green and family were in Texas this summer to visit her sister. David won high points in the Capital City swim meet in the 11-12 year old division, as well as a trophy in the Knolls Country Club meet.

The Bigleys' daughter Cheryl was married Nov. 3rd in a lovely church ceremony. Cheryl and Brian Strode will make their home back East in Virginia. Now there's a pleasant prospective trip for Larry and Marita next summer.

Hazel Greenwade became a great-grandmother twice-- Oct. 11th and 12th. Congratulations, Hazel.

Howard and Marie Taylor attended the Midwest Executive meeting in Milwaukee, Wis. in early November. Brought home chunks of delectable cheeses from Monroe, the town that claims to be the world's greatest cheese makers. Cheese and sausage factoryed in Milwaukee and Monroe are famous, and near Monroe is Shake Rag Road, where the early Swedish housewives climbed a hill and waved white rags to summon the husbands home for dinner. An interesting area for vacations.

Next month I'll have an account of the Olsons' trip to the Scandinavian countries this past summer.

CORRECTION: HEAR YE! HEAR YE! and know that Tom Simmons' cabin is in Crawford, not in Chadron as I reported last month. Washington, er, I mean Marge and I, slept there on our way home from the Rapid City gem show. Thanks, Tom.

Until next time.

Helena

DON'TS FOR SILVER WORKERS --

- Don't - try to heat your solder too fast.
- Don't leave inflammable chemicals around in open containers.
- Don't - try to hard solder any item that has traces of lead solder on the metal. The lead will oxidize and eat holes in the metal.
- Don't - hang your torch near inflammable materials.
- Don't - solder platinum or other high-melting point metals without wearing proper protective glasses.
- Don't - forget the proper way to mix acid and water; acid into water.
- Don't - mix lead with your silver and gold scrap.
- Don't - leave acid bottles open - the fumes alone will rust your tools.
- Don't - use oil on any oxygen equipment. Oxygen and oil will combine and may cause a terrific explosion.
- Don't - try to size a ring without removing the stone.
- Don't - think that because a stone is hard it won't break easily. Always use care in setting stones to avoid uneven pressure along the edges.

DAKOTA and MINNESOTA JOURNIES

-by J.D.Young

On August 13, the day after the Young Family biennial reunion at Oakland, Nebraska, Myrtle and I left in our Rambler wagon for the Dakota fossil fields. Accompanying us were two campers-a 5th wheel and the other mounted on a truck. In the 5th wheel were Dr. L.M.Glismann and wife, Clementine, from Salt Lake City, both recently retired teachers, and rockhounds extraordinary. In the other camper were Dr. W.W.Schmela, retired radiologist, and wife, Dora, from Ventura, California, also Mrs. Leontine Larson Lundeborg, from Dowagiac, Michigan, a retired teacher. The three women are sisters whose Nebraska pioneer home was near Oakland, and I am their uncle. We all have mutual interests, so the trip was very pleasant.

Fifty years ago the three sisters with their parents, Mr. and Mrs. Louis M. Larson, in their Model A Ford and Myrtle and I, in our Essex 4 open car, toured together to Yellowstone Park and to Salt Lake City. So this 1979 trip had a half-century significance. We recalled many memories of unimproved roads, few accommodations, the frightening trip down the long, winding Ten Sleep Canyon, (Wyoming) in a rainstorm, with no guardrails and no gravel. Highway paving was yet practically unknown. The road through Yellowstone Park was one-way and counter clockwise, and heavily sprayed with fresh, gooey oil-unavoidable! One morning when I went to start the Essex (convertible!) a big black bear was in the front seat; and on the running board grocery box of the car next to ours the door was clawed off and contents bear-eaten--all except the canned goods.

Enough of nostalgia-so back to August 13, 1979. We headed west on I-90 and stopped at Murdo where in 1922 I began 42 years of teaching. My nieces posed us for snapshots outside the house where we were wed in 1923, and at the high school where I had been Principal, Coach, etc. etc. the building then "brand New". Outside the entrance we posed by the 640 lb. chunk of petrified, opalized wood we had donated 56 years ago.

We camped that night at Interior, not far from the Cedar Pass Badlands Visitor Center. The next day we took the scenic Badlands loop through Big Foot and Dillon Passes enroute to Wall, South Dakota and Wall Drug, famous internationally for its "free ice water" and world-wide clever advertising signs. We remember when it was an ordinary small town drug store, and now its size is hard to believe. It pays to advertise! The town is named for the great Badlands Wall, a sudden natural jump-off from the plains to the White River Valley below.

Our next objective for camping was "The Lost Camp Ranch" of Dr. and Mrs. L.A. Deitrich, northeast of Bison. The 700 lb. cycad which the LGMC donated to the Neihardt Center at Bancroft several years ago was delivered by Dr. Deitrich. There it represents the eternal tree of life and is admired by thousands of visitors. The weather seemed unfavorable so we all moved on to Lewellyn Johns Campground on the Grand River south of Lemmon.

DAKOTA AND MINNESOTA JOURNIES - continued

Dr. Deitrich came to the camp ground the following morning with a four wheel drive vehicle and escorted us to the cycad fields just over the state line near Hettinger, North Dakota. There we gathered a few small specimens and then returned to Lemmon to study the fossil wood in the famous Petrified Wood Park. The 5th wheel camper left for Salt Lake City and the other started for Dowagiac, Michigan the next day.

Myrtle and I returned to Hettinger, North Dakota and at another ranch the rancher's wife took us in her 4 wheel drive vehicle to more fossil wood fields. She showed us a great expanse of fossil wood, tepee rings and an exposed cropping of coal. We stayed at a Bison motel that night and visited the Bison school building the next morning. About 10 years ago we participated in three programs there with Dr. J.G. Neihardt. Bison school has a fine Hugh Glass monument with descriptive bronze plate in an appropriate fossil wood setting, a plentiful natural resource in this area.

Another rancher with a 4-wheel drive vehicle came to the school and took us northwest to see the famous petrified, big tree, inaccessible to most cars and difficult to find. After bouncing over unmarked miles of prairie trails through numerous wire gates Mr. Jensen, our host, said he had not been to the tree for 20 years; but after much effort we finally found it. In a rolling prairie it lies alone partly buried, stretching several hundred feet, passing through a ridge of earth and emerging on the other side. That tree had been no mere sapling!

On a nearby promontory was a huge eagle's nest, strewn with dried cactus parts, fossil wood splinters and prairie "organic frisbees" (cow chips). That eagle was more than a common aerial rockhound, we surmised.

We took small pieces of the big tree for later micro-study and then Mr. Jensen drove to his ranch northeast of Bison to show us a natural mystery, a very strange, unexplained formation entirely new to us. Extending from a low scarp were several long parallel cylinders of hard rock ranging in diameter from one foot to five feet or more. Some were stratified; all seemed to be inorganic, origin unknown. We returned to Lincoln via Rapid City, stopping overnight at the Preston ranch near Long Pine (Bone Creek), our usual Shangri-la between Lincoln and the Black Hills.

Like many other persons in recent years we have been interested in our "roots". So, with Mrs. Herman Gimmetad of Fremont we again left Lincoln, in her car, October 8, for a delightful week of travel and to delve into history in the Minnesota River area. Myrtle's forebears lived there during the great Sioux Indian uprising in the early 1860's. We had learned recently that Mrs. Gimmetad's late husband's childhood home was there, but some years later. She had promised him to take more pictures throughout the region, so she kept her excellent camera busy, with her usual expertise. The Gimmetads were L.G.M.C. members a few years ago, but were unable to attend meetings regularly because of distance..

DAKOTA and MINNESOTA JOURNIES - continued

Minnesota was the scene of much unrest in the 1860's. Several hundred people were killed among both Indians and the whites. When we see the beauty and the natural wealth of the great Minnesota River Valley we readily understand the eagerness of both sides to possess it. The whole course of American history was at stake.

TO A GEODE

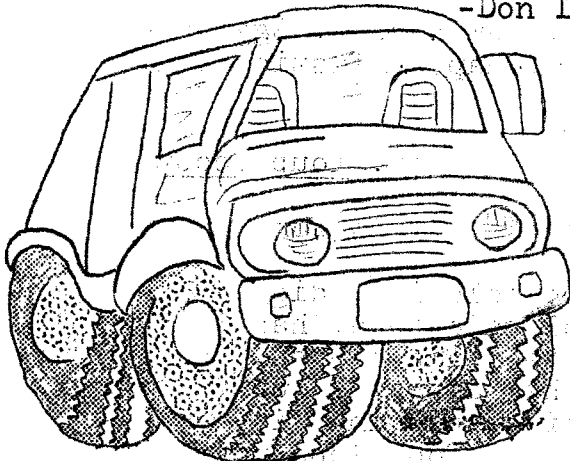
Your dusky, crystal-lined throat
Gleams in frozen elegance.

Though mute, still you speak
Of time beyond recall;
Of elemental flux;
Of treasures lost in darkness.

Happy the eyes, foreknowing your secret,
That first gazed upon
Your resplendent cavern
Of diamond Lights.

Who, but God, can know what
Interior depth of beauty
Lies beneath all drab and hardshelled rocks...
And men?

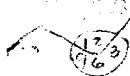
-Don Lichtenfelt via The Conglomerate



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

Sept..27-28, 1980 Ogallala, Ne..Nebraska State Gem & Mineral
Show, hosted by Prairie
Rockhounds, Elk's Club.

Time flies! DUES ARE DUE!



JUNIOR PAGE

Hi Juniors:

Hope you had a nice Hallowe'en with lots of treats. Did you read in the October 28th issue of Parade that scientists now believe that dinosaurs were warm blooded creatures who hunted in packs? There is a lot of news lately about dinosaurs, and recent finds are changing the theories that scientists have had about them. Keep posted for your science class.

Mrs. Ulrich

Here is a good puzzle borrowed from Loup Scoop. Can you find all items needed for a field trip?

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

Look horizontally, vertically, diagonally backward or forward.

First Aid Kit, Rock Hammer, Chisel, Pry Bar, Newspapers, Egg Cartons, Hard Hat, Sledge, Gloves, Lunch, Water, Maps, Plastic bags, Rock bag, Safety Glasses, Raingear.

Oregon Rockhound via Oct. Loup Scoop

Biggest Ever Dinosaur Found - Colorado Mesa Field Bones

New York (Times News Service) - A Utah paleontologist, digging in and ancient dry river bed on a windswept Colorado mesa, has found bones of the biggest dinosaur that has yet been discovered. He found skeletal parts of a huge animal that he estimates would have been able to look into a top floor window of a building five or six stories high. It was 50-60 feet tall, had a 40 foot long neck, was about 80 feet long and probably weighed 80 tons.

Dr. James A. Jensen, the paleontologist, identified the relic as having come from a species of Brachiosaurus, a genus in the sauropod family of long-necked herbivorous dinosaurs. Jensen, who is curator of the Earth Sciences Museum at Brigham Young University in Provo, Utah believes the creature may have been the largest animal that ever walked the earth.

via The Glacial Drifter

POTPOURRI

An article in the October 1979 issue of Modern Jeweler tells about the influence of Pierre Touraine, jewelry designer for Lanvin, Pateu and Chanel, on American Indian creations. He has opened a school in Arizona where he works individually with his Indian pupils. He states that his purpose is not to destroy cultural heritage but to enhance and embellish it with new skills that will enable the artist to add new interpretations, dimensions and creativity to his work. Gold and diamonds are being used, blending traditional Indian influence with modern techniques. The results are said to be "dazzling."

Large Diamond Saw...What may be the world's largest diamond saw is a circular saw used in the granite quarries in Scotland. The saw is about 11½ feet in diameter and one inch thick. The diamond charge costs thousands of dollars. The diamonds are set in 300 rectangular pockets on the circumference of the saw. Many of the diamonds average about one carat each, with some weighing ½ carat each. The saw is operated at 10,000 feet per minute around periphery. The diamond saw leaves a smoother surface than by the old wire rope and abrasive method, and requires less labor for lapping.

- The Cycad

Diamonds in Oregon?...Honest to goodness diamonds have been accidentally found in Oregon gold placer concentrates. No concerted efforts have been made to find others, although uncut diamonds closely resemble agates. Geologically, the serpentine, dunite and peridotite rock in southwest Oregon and the northwest Blue Mountains could be hosts for diamonds.

"Mineral & Water Resources of Oregon" via Tek Rock Club News..

Tumbling Tip...Two batches of stones were tumbled in a double barrel. Both were run through the same grits for the same length of time. On the polish run, one batch was run in tin oxide and the other in Spick and Span. The one run in Spick and Span seemed to be the brightest. There is a big difference in cost with tin oxide at \$10-15 per pound. One cup of Spic and Span (approximately) was used for 6 lbs. of rocks.

Tips and Chips via Chips and Facets. - June 1979

American Mineral Wins Competition in Europe...Mineral shows in Europe do not resemble ours. They are not sponsored by clubs of amateurs. One of the biggest shows is in Munich, Germany. Although competition and rules are entirely different than ours, there are competitions for such categories as the most beautiful. This year the most beautiful mineral specimen was not from some fabled mine in Africa or South America. It was from Elmwood Mine in Tennessee, U.S.A. The specimen was an exceptionally esthetic group of brilliant purple fluorite crystals adorned with transparent yellow doubly terminated calcite crystals.

- AFMS Newsletter

Advice for a happy marriage...never yell at each other unless the house is on fire. Lee Aikman in Atlanta Constitution

Midwest Federations NEWSLETTER

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November 1979 - Issue No. 198

*A Message From Our New President
Bernice McCloskey*

MWF ENTERING 40TH YEAR

Dear Friends: The Midwest Federation is about to enter its 40th year!

Towards the end of the great depression and before World War II, ideas were beginning to gel which led to the formation of the Midwest Federation of Mineralogical and Geological Societies. Now, forty years later, we look back to what we were; look at the present, what we are; and anticipate the future... what we will be.

The stated purpose in our Articles of Incorporation is to promote interest and education in geology, mineralogy, paleontology, archaeology and lapidary, and to sponsor and provide means of coordinating the work and efforts of groups interested in these fields.

In this anniversary year, 1979-1980, it seems fitting that we recognize forty years of achievement by getting back to grass roots. Let each and every MWF member understand the relationship which exists between the clubs and the Federation, the reasons for this relationship, and then perhaps we will find new sparks of enthusiasm, new people willing to serve, new ideas... maybe even new direction.

It is my hope that in this coming year we will be able to reach all members through the Newsletter, club Liaison Officers, Bulletin Editors, club Presidents, State Directors and Assistants... whatever it takes. You belong to the Midwest Federation "family", and for the family to survive and prosper all must know and understand the basic premise... which is to coordinate the work and efforts of the individual societies.

Message... continued on back page

MEET YOUR NEW MIDWEST OFFICERS

Here are the officers elected at Columbus, Ohio last July during the annual show and convention to serve the Midwest during the 1979-1980 year. They assume their duties on November 1.

President, Mrs. Joseph (Bernice) McCloskey, Elm Grove, Wisconsin. Bernice has served as both Second and First Vice-President and four years as Treasurer. She was an Assistant State Director for Wisconsin and is member of the Kettle Moraine Geological Society and is a Past President of this club.

First Vice-President, Milford J. Sharp, Fairview, Ohio. Mel served the past year as Second Vice-President and previous to that, two years as Treasurer. He has served as Chairman of the Convention and Show Committee. He is member and a past officer of the Fairview Park Lapidary Society.

Second Vice-President, Larry Nawojski, Richton Park, Illinois. Larry has been Chairman of the Lapidary Arts Committee and an assistant on the Uniform Rules Committee. He has served as President, Second Vice President, First Vice President and Auction Chairman along with many other duties for the Chicago Lapidary Club. He also served as co-chairman of Judging and Awards for the Chicagoland Gems and Mineral Association.

Secretary, Miss Jean Reynolds, Clarendon Hills, Illinois. Jean has served as Secretary for 12 years. She is a member and past President of the Earth Science Club of Northern Illinois. She is also a past Editor of that club's Earth Science News.

Officers... continued on back page

I-80 ALL THE WAY TO LINCOLN, NEBRASKA IN '80 FOR THE NATIONAL/MIDWEST SHOW

ALL AMERICAN-MERIT AWARD FORMS ARE OUT

By June Zeitner

Each Midwest Club should have a chairman in charge of their All American-Merit Award entry... unless the club president or liaison officer is already in charge of this program.

The form is with the November AFMS Newsletter. The same entry blank is for the AFMS and the Midwest. It is simple to fill out. The deadline is March 31, 1980. As soon as your new officers are elected and you have started your 1980 club year, you can fill in the history of your 1979 year. With this brief history and a few documentations, such as a copy of the bulletin, your club may win a Midwest or National trophy and become known as a leader in the clubs of the Federation.

A second copy of the form will be mailed to each Midwest Club with the club's copy of the Midwest Newsletter in January. But in event your proper official does not receive this form, write me for an extra copy.

Someone remarked that their club didn't know what counts toward this program. The answer, printed many times before, is EVERYTHING! There are sections for what your club does for its members, what it does for other clubs, what it does for its community, and what it does for the Federation and for the hobby. Winning clubs have worked with young people, senior citizens, handicapped people and prisoners. They have helped schools and museums and libraries. They have made programs for the federations, they have published books, held seminars and classes, participated in arts and crafts shows, science shows. They have held field trips for visitors, they have had safety courses, they have erected signs at points of geological interest, they have worked with their travel industry, they have held shows, had good publicity, worked out new techniques, contributed to publications. Winning clubs are from small towns and large, clubs with money in their treasury and clubs which are just about broke. In short, whatever your club does is of interest to the other clubs, and to the federations.

Midwest clubs have been wonderful in participating in this program. It is inspiring to know what our good clubs are doing for the quality of life in America. Our clubs are winners. More than ever will win this year. Will you be one of the clubs to receive a trophy at the National Banquet at Lincoln, Nebraska next summer?

Message... continued from front page

If you are already well informed, won't you please share your knowledge with newer members who have only an inkling of what we're about. If you need more information, just ask. Let's make this the "Year of Understanding"!

Officers... continued from front page

Treasurer, William Parch, Oakdale, Wisconsin. Bill has served as State Director for Wisconsin as well as Assistant State Director. He is a member of the Driftless Area Gem and Mineral Club of Tomah, Wisconsin and the Coulee Rock Club of LaCrosse, Wisconsin.

NEW PROGRAMS

Two new programs have been added to the MWF Film Library.

"Kettle Country" presented by Kettle Moraine Geological Society, Pewaukee, Wis. is about glacially created land forms. "Man's Fascination With Flint" presented by the Licking County Rock and Mineral Society contains 72 slides of historical and lapidary views of Flint from a resident of the area.

Both of these programs are ready for booking. Send your request to Midwest Federation Film Library, Donald Stinnett, 29462 Aspen Drive, Flat Rock, MI 43134 Remember there is no charge for the use of these programs.

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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:

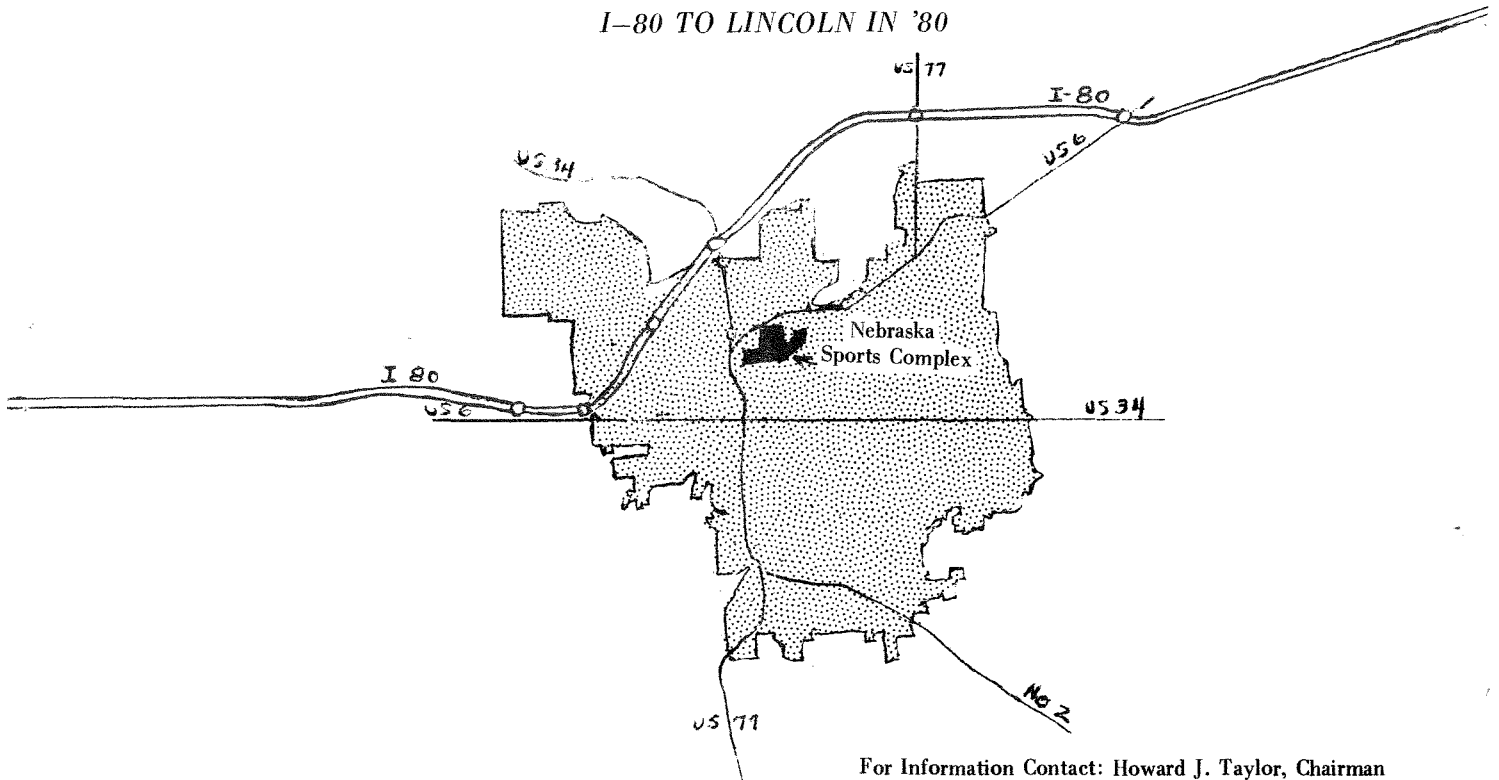
Adult membership fee \$4.00 (age 16 and over)

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

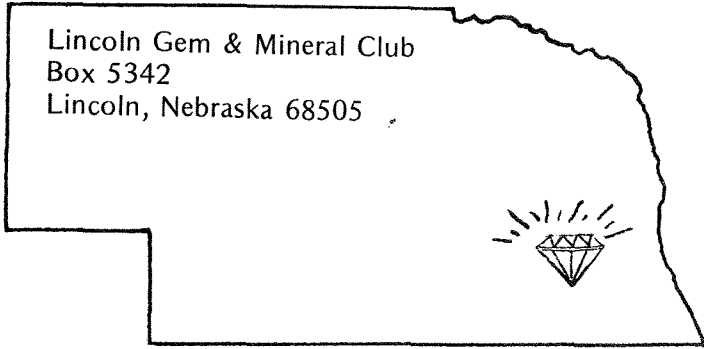
Family membership fee \$9.00 (husband, wife and all children under 16 - permanent residents of household)

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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