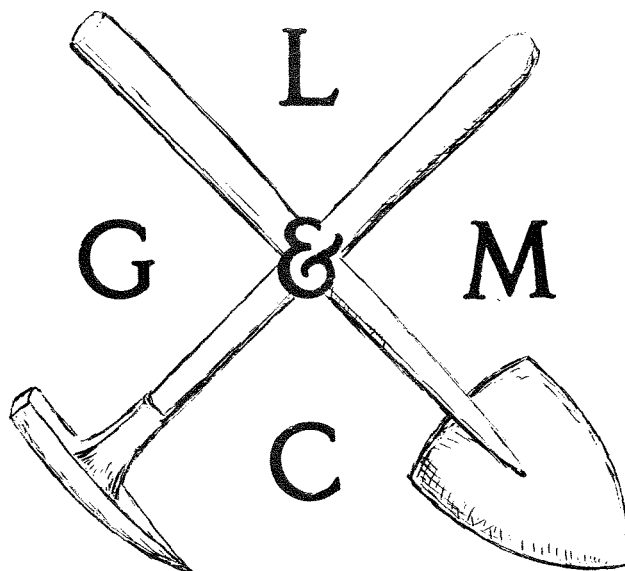


THE PICK & SHOVEL



OCT 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.

CALENDAR

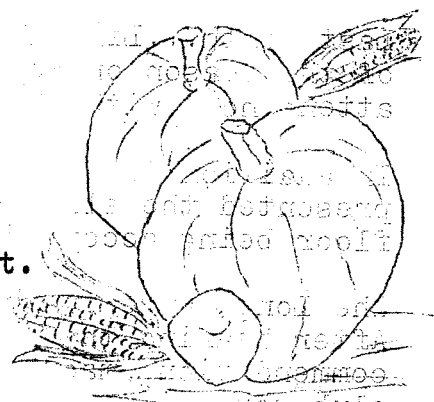
General Meeting...Saturday, October 27, 1979
7:30 P.M. Trabert Hall,
2202 So. 11th.

Program...A slide program, FIELD TRIPPING to OKLAHOMA, TEXAS HIGH COUNTRY. This is a new AFMS slide program. Just out.

Refreshments will be served by the Refreshment Committee..

IGMC Board of Director's Meeting...Thursday, November 1, 1979, Home of Howard Taylor, 910 New Hampshire, 7:30 P.M.

Field Trip...Filed trip to Weeping Water called off because of new laws affecting gravel pits and quarries. However, IGMC will meet with the Omaha Club at Weeping Water for a picnic dinner October 14th. Meet at City Park at noon.



DATES TO REMEMBER

- Oct. 20-21 Grand Island, Ne. Grand Island Earth Science Soc. State Show, Fonner Park.
- Nov. 9-11 St. Louis, Mo. St. Louis Mineral and Gem Show Electrician's Hall, 5840 Elizabeth Ave.
- Nov. 10-11 Des Moines, Ia. Des Moines Lapidary Soc. Show Red Horse Armory, Harding Rd.
- Nov. 17-18 St. Joseph, Mo. Missouri Valley Gem & Min. Soc. Show, Ramada Inn, Hwy.6 & Hwy 1-29.

1980 Shows

- June 6-8 Topeka, Ks. Rocky Mt. Fed. Show, Exposition Center, Shawnee Co. Fairgrounds.
- June 12-15 Lincoln, Ne. AFMS, MWF. Show and Convention, Hosted by Lincoln Gem & Min. Club, Bob DeVaney Sports Center, Ne. State Fairgrounds.

1980 Regional Shows					
California Aug. 1-3 Pasadena	Eastern June 20-22 Charleston W. Va.	Midwest June 12-15 Lincoln, Ne.	Northwest Aug. 1-3 Boise, Id.	Rocky Mt, June 6-8 Topeka, Ks.	So. Central Aug. 15-17 Shreveport La.

By the time we learn to make the most of life, most of it is gone.

Last month...Lincoln Gem and Mineral Club held its first meeting of the season on September 22 at Trabert Hall. There was a good attendance with some visitors present.

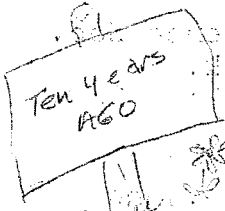
In addition to the usual order of business the nominating committee presented the slate of officers for 1980 with nominations from the floor being accepted.

The Long Range Planning Committee report was given by Phyllis Parks.. After hearing the report, the club members voted on the various recommendations made by the committee. After much discussion, the club voted in favor of raising the dues in order to cope with inflationary trends.

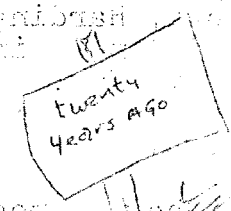
A silent auction was held which netted \$40.30..

A very interesting slide program was presented by Roger Pabian whose subject was Pennsylvanian rocks found in Eastern Kansas and Nebraska.

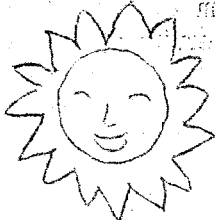
October 1969...We had a very interesting slide program and lecture by Bill Hendrickson on a trip to "Mesa Verde, Home of the Cliff Dwellers."



October 1959...There were slides on 1958 and 1959 field trip to Fort Robinson and slides of the Rocky Mountain Federation Show at Wichita also our first Club Show October 1959.



A few maples are turning odd branches a red color, and elms are sending yellow to a few leaves...Fall has arrived with its brisk nights and pleasantly cool days, its brilliant colors, and its promise of winter.



Wedding congratulations were sent to Mr. and Mrs. Robert Daul. We hope to meet Mrs. Daul at our next meeting!

Suze Sunshine

Do copper bracelets relieve arthritis? The folk remedy has been in disrepute for years, but now researchers have discovered there may indeed be something to it. Copper, they found, reacts with skin chemicals to produce an anesthetic called "ethylene" which can be absorbed by the body.

BOARD MINUTES

The meeting was called to order by President Taylor at the Lyman home on September 6, 1979. For the first time this year, all Board members were present; also Glenn Lyman and Stan Greenwade.

The minutes of the June 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, \$275.76; and NBC Checking, \$1,077.21 (includes \$1000.00 by '80 Show Committee.) The report was approved as read.

Howard Taylor is still checking on property insurance, and still finding outrageous prices. The insurance would cover chairs, 15 cases, and Gems on Location Map. (\$5,500 value.) This will be discussed at the general meeting.

Howard will order the name badges from the original company in Iowa, since they still offer the most reasonable price. The cost for each badge will be \$1.75.

Bob Daniels has submitted his resignation as a board member at LGMC. As permitted by By-Laws, a member can be appointed by the Board to fill the unexpired term.

Motion was made by Larry Bigley that Frank Rule be appointed to fill the remainder of the term of 2nd Vice President. This was seconded by Phyllis Parks.

Membership to the Nebraska Academy of Sciences and also the Lincoln Community Arts Council are due. The membership fee for each is \$25.00 per year.

Motion was made by Jim Marburger and seconded by Ray Lambert that we pay the dues to NAS.

Motion was also made by Larry Bigley and seconded by Ray Lambert that we join the Arts Council for another year.

Both motions carried.

A request was received from Wesleyan College for displays from our Club members. Motion was made by Larry Bigley and seconded by Hazel Greenwade to recommend to rank and file that we fill cases at Wesleyan. Motion carried.

The following bills were presented at the meeting: \$137.33 to American Federation Scholarship Fund; (which is paid twice a year), accumulated funds thru May meeting.

\$56.12 to Nelda Oliver, 19 reams of paper; \$130.81 to United Typewriter, ink and stencils.

Motion was made by Larry Bigley and seconded by Ray Lambert the bills be paid.

The question was raised whether to have a pot luck/picnic/swap with the Omaha Club on October 14, 1979.

Motion was by Jim Marburger for this recommendation to the Club and was seconded by Larry Bigley. Motion carried.

The Board's recommendation for a Christmas party will also be brought to the rank and file.

The LGMC will attain its 25th Anniversary in 1980. The actual founding date is January 15. Howard Taylor suggested that we have an Anniversary dinner/party to celebrate this occasion. A committee will be set up to obtain date, etc.

A letter was received by Evelyn Ulrich from a California company, along with fliers and a \$2.00 check; desiring their ad be placed in the Pick & Shovel. Motion to reject was made by Frank Rule and seconded by Jim Marburger. Evelyn will return the \$2.00 check.

Board Minutes - continued

The Long Range Planning/By-Laws Committee, by the request of the Board of Directors, to discuss and propose "ways and means" of increasing funds of LGMC either by increasing dues, decreasing bulletin size, and/or any other legitimate means of raising moneys to alleviate financial distress. The group, under guidance of John Harrison, Chairman, made recommendations to the Board of Directors and thence to the general membership.

Presented by Phyllis Parks, secy., and recommended for discussion choice or refusal to be followed by presentation to members for further discussion, were the following:

1. Recommend that the club and president set up a budget to abide by with view toward the present energy and monetary situation.
2. Recommend that any special fees such as delegates, organizations and subs be limited to token rather than full payment.
3. Recommend possibility of cutting size and number of bulletins mailed or hold silent auctions, etc. to raise funds to finance exchange and courtesy copies.
4. Check possibility of selling subscriptions rather than raising dues. (Board against this action).
5. Check possibility of selling ad space at a rate and quantity to help defray expenses.
6. Print for members to pick up at meeting rather than mailing and make use of calling committee to note changes in information. (Board disapproved).
7. Recommend dues structure be kept as is at least thru 1980. (Several Board Members are in favor of raising dues as best means of attaining goals, and would like membership opinions on this).

The Long Range Planning Committee moved and accepted the thought that we should encourage more educational and interesting meetings with advance publicity to stimulate attendance at meetings.

Two proposals of the By-Laws Committee were presented, but were sent back to committee.

Motion was made by Larry Bigley proposing that the new application for membership form be printed in the Pick & Shovel; to bring membership file to date; that 1980 dues not be accepted by treasurer unless form is returned or already filled out. This was seconded by Hazel Greenwade.

A copy of recommendations will be made available at the September meeting.

There being no further business, the meeting was adjourned.

The next Board meeting will be held at the Taylor home on October 4, 1979, 7:30 P.M.

Respectfully submitted,
Vera Lyman, Secretary

Even the mosquito doesn't get a slap on the back until he starts working.

PRESIDENT'S PAGE

The September meeting is behind us. I was rather disappointed in the attendance. I had hoped we would at least have a much better turn out than we did. Maybe next month the attendance will be better.

I suppose you have heard we will have a dues raise beginning the first of the year. It was the decision of the rank and file that dues be raised \$1.00 per year adult membership. By the increase in dues I feel certain that we should stay even and maybe keep ahead of inflation for some time.

Did see quite a few of our members at the Nebraska City Show, hope you all enjoyed it as much as I did.

We still have some logo pins and patches for sale. If you have not had the chance to get them you better come to the next meeting. For those of you that ordered badges, these will be at the next meeting. Hope you can come and get yours. They are \$1.75.

Our program will be an AFMS first place slide program. The title of the program is "Field Trips in Oklahoma and Texas high country".

Hope to see you at the October meeting. Let's not forget our meetings are held on the 4th Saturday of the month.

Howard Taylor

At the September 22, 1979 General Meeting of LGMC, motion was made to increase the dues of adult members for following years by \$1.00. This passed by a vote of 26 to 10, therefore we submit these changes for the By-Laws to be approved:

Article I, Section 2, Paragraphs b & c (change 4.00 to 5.00 and 2.00 to 2.50)

- (b) To read - Membership dues shall be \$5.00 per year, payable January 1. A fee of \$1.00 plus \$5.00 annual dues will be paid by each adult applying for membership. A fee of \$1.00 plus membership of \$2.50 will be charged adults applying for membership after July 1.
- (c) To read - Those persons who become new adult members after November 1, will pay the \$1.00 fee and the \$5.00 per year membership dues. These members will have their dues paid until December 31 of the following year.

Article I, Section 4, Paragraphs b, c, & d (change 9 to 11 and 4.50 to 5.50)

- (b) To read - Dues for the entire family shall be \$11.00 plus a fee of \$1.00, provided, however, that this fee is waived if one or more members of the family have paid the initial fee as part of an individual adult membership. These fees are payable January 1.
- (c) To read - A fee of \$1.00 plus membership dues of \$5.50 will be charged for family membership after July 1.
- (d) To read - Those families becoming members after November 1, will pay the \$1.00 fee and the \$11.00 per year membership dues. These family members will have their dues paid until December 31 of the following year.

Submitted by By-Laws Committee of LGMC, Phyllis Parks, Secretary

From the editor's desk...After a summer recess it was good to re-
sume our LGMC general meetings. Attendance was good, and much
business was transacted. An excellent slide program on Pennsylvan--
ian rocks in eastern Kansas and Nebraska was presented by Roger Pabian..

Our librarian, Stan Greenwade, regrets that more club members are
not making use of our library. We have a fine collection of books
that should be read. One of these books is "The Sea Around Us" by
Rachel Carlson. If you have never read this book, you really should.
It is informative and beautifully written. While working on my
Master's Degree at the University, I was required to read forty
books one summer. "The Sea Around Us" was one of the books includ--
ed in the course. In my estimation, it is one of the most beauti-
ful books ever written.

Our library is housed at the Stan Greenwade residence, 6027 Fremont.
If you wish to check out a book, call 466-4788 to make sure someone
is at home.

Autumn is.....
Leaves hang-gliding in the wind.
-Peter D. Reese

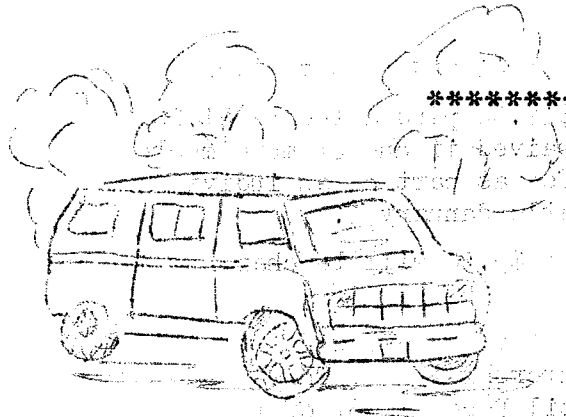
Pumpkins bellying up to the warm sun.
-James McLaughlin

Yellow school buses vacuuming children off
street corners:
-Jeanie Richstatter

Crab apples clinging to a branch, afraid
to let go.
-Mrs. Leslie Baily

The sky wearing a necklace of wild geese
- Lawrence E. Watkin

via Reader's Digest, October 1979



LINCOLN, NEBRASKA is the place to go
for the 1980 NATIONAL SHOW.

Age is a matter of mind. If you
don't mind, it doesn't matter.

NOMINATING COMMITTEE REPORT

According to the By-Laws of LGMC, Article IV, Section 1, The Nominating Committee consisting of 6 members duly elected by the club and having as chairman the immediate past president, held their meetings and secured a slate of officers to be presented at the second meeting before the date set for the annual election. The nominating committee are John Harrison, Chairman, Marie Wells and Irl Everett elected in 1976, Marita Bigley and Lynn Wells elected in 1977, and Ed Johnson and Wilfrid Wittmann elected in 1978. The following slate was presented by the committee at the September meeting: President Jim Marburger, 1st Vice President Larry Bigley, 2nd Vice president Ed Johnson or Grant Quinn, Secretary Flossie Litzenberg or Vera Lyman, Treasurer Phyllis Parks, Board Members Ray Lambert, Virginia Green, Farel Hyland, Doraleah Hyland, Marita Bigley and Vivian Johnson. (Nelda Oliver had been listed on the slate for Secretary but asked that her name be withdrawn when the club voted to increase adult dues.)

Following this presentation nominations were taken from the floor and the entire slate and nominations as it will appear on your ballot at the annual meeting is printed. This also per Article IV, Section 1 of the By-Laws:

President: Jim Marburger
Roger Pabian
Howard Taylor

1st Vice Pres: Larry Bigley
Glenn Lyman
Jim Taylor

2nd Vice Pres: Edwin Johnson
Grant Quinn

Secretary: Flossie Litzenberg
Vera Lyman

Treasurer: Phyllis Parks

Board Members - Four (4) to be elected:

Marita Bigley
Virginia Green
Doraleah Hyland
Farel Hyland
Vivian Johnson
Frank Rule

(Ray Lambert asked that his name be withdrawn)

Immediately before voting there will again be nominations from the floor as per Article IV, Section 3 of the By-Laws. Any person being so nominated shall have given permission for such nomination.

Nominations will also be taken for persons to serve for a period of three years on the Nominating Committee - 2 to be elected.

1980 SHOW NEWS

Seminars are on the agenda for the 1980 show. Each seminar will last for three hours. In most cases, the seminars will be conducted by the heads of the Midwest Federation's various committees. Our plans call for seminars in such diverse areas as paleontology, mineralogy, faceting, general lapidary, agates, micromounts, field trips, etc. Several notes about each seminar. They will be given at no extra cost to persons attending the show. One must have a valid show pass to attend any seminar, however. Seminars will have to remain educational in scope---they may not be used for swapping and/or tailgating sessions. The host club will furnish tables, chairs, slide projectors, blackboards, and program rooms for the seminars. All other special equipment must be furnished by the seminar directors, or participants. We hope that these programs will help to bring rock hobbyists up to date in their special areas of interest. This is the first time that any such seminars have been scheduled at a National Show. Probably the closest kin to the seminars is the "Shoobox Demonstrator" idea that has flourished in California Federation Shows. We will have some additional speakers in a more formal atmosphere but to educate will be the goal.

Since there hasn't been a show committee meeting since the last issue of the P&S, I would like to editorialize a bit. Attendance at many gem shows has been down. This is a seemingly negative correlation since so many "developments" have taken place in the lapidary hobby in the past few years. Look at all of the automatic apparatus that we have now, such as things that automatically shape cabochons and require no skill or practice whatsoever. Maybe these developments might be the cause of the current malaise in show attendance. After all, who wants to see a big room full of the same thing, none of which has been made with any love, care or skill. I diagnose the cause of lower show attendance as being "too much of too little." We are not putting on our Sunday Best for the attending crowds. Many of us aren't even coming out on Sundays any more, and this is shown not only in lack-luster displays but also in no displays at all.

A little bit of magic may give us a better look at the problem. In the post war years, beginning about 1950, many of the mechanics magazines carried numerous display and classified ads for magic tricks. All of the ads stressed tricks that used no skills or practice. The magic field was soon flooded with numerous, non-descript performers whose acts were based on various gimmicks that could perform a single function. The result was that magic, as an art form, died out. Magic has made a good comeback but it hasn't been based on gimmicks but on the merits of strong sleight-of-hand performances by such artists as Paul Harris, Harry Lorayne, John Mendoza, and others.

I feel that a true lapidarist, like a true magician, will not rely on some apparatus or gimmick to help him finish his act. Good magic and good lapidary have much in common as both represent the highest degrees of art and/or craft that can be done with both hands, and will cast my vote for non-gimmicked cabochons.

Next month should have a fairly detailed show report. Remember that the only source of the 1980 show reports will be your pick and shovel. Be sure that you keep up with all the happenings through the P&S pages.

Roger K. Pabian
Publicity Director
1980 National Show

HIGHLIGHTS by HELENA

Oct. 1979

The Youngs had an interesting trip in August with friends and relatives from Oakland, Neb., in two campers and their own car. They visited in northern South Dakota and on into North Dakota to study cycads in the field. Which reminds me of the very fascinating and excellent display of beautiful cycads at the Rapid City gem show in June.

The Olsons of Ceresco, journeyed to Sweden this summer, and we hope to have a story from them on their trip for the November Pick & Shovel.

J.D. and Myrtle Young left Monday, Oct. 8th, for a week's trip to Minnesota with Mrs. Herman Gimmestad of Fremont, on a special mission to explore and get information on the 1862 Sioux uprisings in that vicinity. (Mrs. Gimmestad is the widow of Prof. Herman Gimmestad, who was head of the Humanities Dept. at Midland College, Fremont. He died recently). Some of Myrtle's forebears were involved in the massacres (althnone lost their lives), and Mrs. Gimmestad's husband grew up there. They will visit Pipestone, Minn. and other points enroute to their objective, New Ulm, Minnesota, where many massacres took place along the Minnesota River. We look forward to a detailed report in J.D.'s usual delightful style.

We hear that the Howard Taylors had a visit from Mr. Russ Kemp recently. Mr. Kemp is President of the American Federation. Also, Leo Learned, floor manager of the Federation Show in Columbus, Ohio, stopped in for a visit with the Taylors recently.

You probably saw J. D. Young's excellent article in the June issue of Lapidary Journal, entitled "A Poet Laureate Lapidary" on John G. Neihardt. Very good, J.D.

HELP! We can use items of interest to the club members. Call me anytime up to 1:00 A.M. I'm in the phone book. We are night owls at our house.

Until next time-

Helena

Community Arts Council Meeting

On September 27 the Council began a new year of monthly meetings. Members of the Council were given an opportunity to announce upcoming activities.

It was announced that the next meeting will be October 23rd. Dues were due if you haven't paid them. Articles for the Council Newsletter have to be submitted by the 15th prior to the month you want it published.

The slate of officers was presented and accepted as presented. Special guests of this meeting were Dick White and Mayor Helen Boosalis. They discussed the Cen-vac program-the-proposal for the Convention Center for downtown Lincoln.

These meetings are open to any number of representatives from your Club or organization and are encouraged to attend.

Susan Taylor

Marg Heedick and your reporter went to the Rapid City, S.D. gem and mineral show in June. We spent one fruitless day in the field near R.C. hunting for Fairburns and/or anything purty! So far as I know, only one man of the eight or ten camper/hunters found anything worth taking home. I did bring home a wild cactus from that field trip, and after 5 days shut up in my tin lunch box, planted it our backyard soil. It adapted promptly and in a week produced two lovely yellow blooms. A sad ending, however: That, and two other cacti, that I had sitting on the elm tree stump just outside our backdoor, were stolen-- which is one of the hazards of living on a corner lot: Anything, but ANYTHING, that can be carried will be stolen. Maddening!

Our trip was most pleasant- lovely weather, and we kept cheese, braunschweiger, butter, etc. in the handy styrofoam ice chest that Marg carries in her wonderful little camper. We spent two nights with the family of a cousin of Marge's in R.C., and one night in Tom and Carolyn Simmons' cabin in Chadron.

South Dakota protects the Prairie Dog, and it was fun to see them make lightning dives into their burrows, especially the babies. We encountered several buffalo (bison) on the road and stopped once until one took his own sweet time to lumber off the road. The lazy and spoiled shaggy burros also were fun to see.

We saw again Mt. Rushmore memorial. My! how things have changed since I was there some years ago. I saw it (Rushmore) in the making at numerous times, as my brother lived at Chadron, and always we went on up into the Black Hills. I liked it better then. Now all is for the tourists' comfort; no roughing it anymore.

We also stopped near Custer to go through the museum and see the partially finished Crazy Horse monument. This will be a fantastic tourist and historical attraction when completed. Sculptor Korczak Ziolkowsky has brought many beautiful pieces of furniture from his Eastern home, along with many small sculptures. These are on display in the museum, in connection with which he and his family have their living quarters.

This was a lovely and enjoyable trip, in spite of the fact that "it ain't like it usta was!"

Helena Baegl

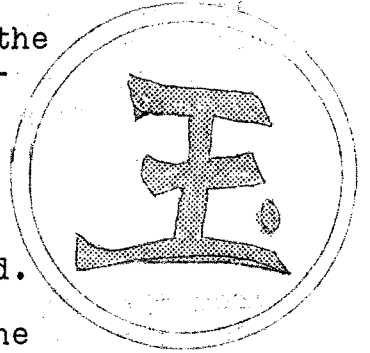
Community Affairs...IGMC, upon request of Nebraska Wesleyan University, is again displaying gems and minerals at Odin Hall. Virgil Carveth and Frank Rule are in charge of the displays, which will be changed from time to time. Mr. Carveth informs us that some very nice Brazilian agates as well as other choice material is being shown at present by Tom Simmons and Frank Rule.

There was a very nice write up with pictures in the Lincoln Journal of Frank Marsh's visit to one of the Lincoln Public Schools sharing his knowledge of gems and minerals with a very interested group of boys and girls.

FANTASY IN JADE

Next to our own 1974 National Show, the California Federation's 40th show, Fantasy in Jade, was the finest I have ever attended-- but then I happen to be especially turned on by Jade. The June 22-24 show was held in the huge Cal Expo facility in Sacramento, providing plenty of space for the many fine dealers and the fabulous displays.

Outstanding among the many jade exhibits was the Richardson collection from Oregon, displayed for the first time ever. Some of these 17th and 18th century carvings from China are featured in color in the June, 1979 issue of Gem and Minerals. Some especially fine pieces from Oakland, Ga. Museum were also on display, notably several intricately carved lavender vases. Botryoidal jade, one of California's own specialties, was well represented.



Appropriately, one of the featured exhibits was the "Nephripod", a 4½-ton gem-grade boulder raised from the ocean floor near Monterey, Ca. and listed in the Guinness Book of World records as the world's largest precious stone, valued at \$180,000. The account of its recovery is the subject of an absorbing book, Jade Beneath the Sea by Don Webber, The Boxwood Press, Pacific Grove, Ca. c. 1975

Serpentine, California's state rock, is closely related to jade and was well represented by a complete ranch scene carved from Victoville serpentine, with a hardness between 5 and 6. It included a little serpentine windmill with movable parts turned by a tiny motor.

The show also featured a number of very attractive Japanese suiseki, water-worn rock, displays such as were shown in the October, 1967, Lapidary Journal. The rare chrysanthemum stones from Gifu Prefecture were the most unusual. The stones are of basalt or other matrix with flower-shaped crystals imbedded in them. Aragonite was the original crystal mineral, and its peculiarity of sometimes forming pseudo-hexagonal twins resulted in the flowers. Each chrysanthemum stone must have its own pedestal, carved exactly to fit from rosewood or other fine wood. It is then a dalseki -a viewing stone on a pedestal. So important to Japanese culture are these stones that a delegation of Japanese members of the Rock appreciation Club of Japan brought many of them for exhibit. One of the members was Mr. Shigeki Hosano, vice chairman of the All Nippon Chrysanthemum Stone Association, who gave a most interesting program, translated by his son from San Francisco.

For me, the real highlight of the show was the time spent with my son and his wife, Hershall and Nancy Boring, who had bought their Lockheed (L.E.R.A.) Club case for competition in the Mixed display Category. After months of hearing about the progress--or lack of progress--on the case, it was a super moment to be present at the Awards Banquet when the first place award, as well as a Three-Time Winner Society Plaque was presented..

FANTASY IN JADE continued

The case displayed 45 different pieces representing all areas of the lapidary art, so it was quite an achievement. Centerpieces for the banquet were especially attractive, featuring small live jade plants in their elaborate design.

It was great to see the interest out there in California already building for our National Show next June. Several fine dealers asked me to bring their business cards back to our dealer chairman and some rockhounds asked if I had brought any of our Club pins to swap or sell--something that had never occurred to me. A number of people said they'll be here; and I know we'll have the right to be as proud of our show as they were of theirs.

Florence M. Boring

From the CONCRETIONARY column by June Zeitner...What is America's best known and most precious gem? Professional organizations interested in national promotion are betting on either Montana sapphires or California tourmaline. I am sure amateurs will have some other ideas. Either of these fine stones could be used for reasonable quantities of expensive jewelry, but there are other stones we know to be just as beautiful...Utah topaz or red beryl, Idaho opal, North Carolina emerald, Wyoming jade, Arizona peridot, California benitoite, Nevada turquoise, to name a few. But if there is ever a truly national gem picked by hobbyists and the professionals in the gem hobby quartz is the one which would make most people happy. This would include South Dakota rose quartz, Ohio flint, Missouri mozkarkite, Minnesota binghamite, Lake Superior agates, Montana agate, Oregon thunder eggs, California gold laced quartz, Idaho jasper, Washington petrified wood, fire agate from the Southwest, carnelian from New Mexico, and more. In what other nation in the world is there such a wonderful variety of Quartz in all textures, patterns and colors...beloved masterpieces of native gem materials?

In Texas an interesting stop for geology hobbyists is Dinosaur Valley State Park. It is near Glen Rose in Somervell County, southwest of Fort Worth. Tracks of dinosaurs, large and small, are preserved in the limestone there. You can camp there and read the ancient history in the rocks, but no, you can't take the fossils home.

De Beers is starting a new diamond mine in South Africa. The area is beneath the old Premier mine. Other African nations are in the gem news too. Excellent emeralds are coming from Rhodesia, Zambia and Namibia. A mine in Kenya produces orange tourmaline. A newly mined diamond is the 145 carat "Treasure of Sierra Leone"..

Here is a very interesting account of a trip to Libya written by Barbara Ann Ritch of Oceanside, California. She has been an editor of a club bulletin and she also has a business-Gems'n Gold - read about it in September Lapidary Journal. p. 1031.

For a gal who thought standing on the international bridge with one foot in Texas and the other in Mexico, was really being out of the country, you can perhaps, visualize what a gawking and gaping, curios and fascinated female I became when we accepted a 6 year assignment in Libya!

My first impression of Tripoli (yes, THE "shores of...") was that it looked like the Hollywood set for "DAVID AND BATHSHEBA" come to life. One fairly wide street with many, many narrow side streets wandering, like so many varicose veins, throughout the city.

After two months I was able to get about in our beat-up Opel station wagon, always with several other wives along for company and, too, for protection, and the love affair with Tripoli began. So did a unique education!

There is an area, located in the Old City, known as the Gold Souk or the Gold Market. Interspersed between small, narrow shops with glittering and gleaming Gold filled windows, were fabric shops, notion shops, and, as in every Arab country, the inevitable coffee shops.

Down this Gold Street we would wander, staring and "oh-ing and my-good-ness-ing" all over the place. This was in 1971 and at that time the world market price for gold was still under \$45 an ounce, and, Libya being Libya, it was a wee bit higher and thus we were put off from purchasing this precious commodity, waiting for the time we would get our annual leave and make a trip to Beirut, where gold was cheaper. (Fools that we were!)

Gold-smiths, clad in long flowing abas and brightly colored head scarves, would amble, to us aimlessly, down this street, the sleeves of their gowns pushed up and on their bare arms would be draped dozens, nay hundreds of rope chains, serpentine chains, and in one hand, tied with fraying, cheap crating rope, would be great rolls of gold bracelets, shining and shimmering in the sun, and as the merchant ambled, this form of wholesale jewelry would clank and jingle and reflect the sun's rays in a blinding prism of yellow colors.

In the Gold Street those shops which carried the locally crafted items were just as busy as those merchants who handled the imported gold jewelry from Saudi Arabia, Tunisia, Egypt and Lebanon.

Once we wandered away from the gold market's main street and we found ourselves in a very narrow street and we were in the shadow of villas and apartment houses whose fronts faced the sea. Here there was the acrid smell of metals burning, the cheerful clang and beat of the metalsmith's hammers as they formed copper pots, beaten brass trays and essential farm tools, such as scythes

A Trip to Libya continued

and plows later to be attached to old fashioned wooden handles and pulled laboriously through the fields by a camel.

The shops in this street were dusty, the smiths sweating and smiling, plying their trade to the gold, or brass or silver. In each gold shop, however be it average and filled with locally designed jewelry, or be it a very "up-town" shop, featuring air conditioning and a young boy to go and fetch Pepsi for the heavily perspiring madams, or be it in shops along the darker and noisier streets, all of them had one common piece of equipment.

This "equipment" consisted of a single gas plate burner, a jug of water, a battered and chipped enamel pan and a medium sized box of TIDE soap laundry powder.

Being a woman, especially in an Arab country, has many, many advantages, and asking questions is one of the things a female can get away with that a man, normally, cannot.

One day I finally saw this equipment in "operation", as it were. The pan was filled with a mixture of water and TIDE, 1 part TIDE to 2 parts water. This slimy mixture was then placed upon the lighted gas burner. Into the solution the merchants dropped gold chains, bracelets, earrings, whatever gold articles needed to be cleaned, was put into this water and soap combination. When the water/soap came to a boil, the flame was lowered and the mixture simmered for 5 minutes. Then the pan was removed from the heat, set aside to cool down to lukewarm, preparatory to the additional cleaning it would get.

When the mixture had cooled and the gold items could be handled comfortably, each piece was then taken from the cleaning liquid and it was scrubbed, vigorously, with a soft toothbrush. The longer and harder the gold was scrubbed, the greater the amount of black suds that dripped from it. When the article was cleaned to the merchant's satisfaction, the chain or whatever, was then rinsed very thoroughly in cool clear water, until all vestiges of soap had disappeared. The jewelry was then shaken free of excess moisture and then, using a lint free rag, such as our T shirts, the jewelry was polished to a high shine.

Diamonds set into gold may also be cleaned in this manner, however, take special care that the rinsing water not be colder than the soap bath, for the stone could crack.

If, time and space, permitted, I could go on and on about the Gold Souk, but as both are limited, I can only hope this hint from the edge of the Sahara, will help all of you.

Barbara has written a book entitled 30 Miles Per Fifth, Let's Tell OPEC To Shove It. It gives instructions on how to produce Gasohol at home. It may be purchased from Chemical Service Corporation, P.O. Box 1087 Manitou Springs, Co. 80829, for \$9.95 plus \$1.00 for mailing. It will be sent first class.

JUNIOR PAGE

Juniors:

Black cats, ladders and broken mirrors are not all you have to worry about.

Remember:

It is unlucky to enter a house with the left foot first..

It is bad luck to sleep in a room with a pumpkin in it.

To see a new moon through the branches of a tree will cause bad luck for the entire month.

But

all is not bad

You will have good luck if you step on your own shadow.

A frog will bring good luck to the house it enters.

Here is a puzzle for you. Can you find the following members of the quartz family?

Tigereye	L T K J X I W A J M Y D H S A B
Chalcedony	
Moss agate	S I R K J J Y N O D E C L A H G
Agate	
Flint	T G W W G A O S C R B F T G U H
Chert	
Aventurine	U E U I V H S G H F T E K A L E
Jasper	
Petrified Wood	L R L Y N A O P Q E N X P T D R

M E M Q G N F X E G I O C E C T

Z Y V A T S O N M R L P Y Q R D

V E T D O O W D E I F I R T E P

E E A V E N T U R I N E R A Z B

via THE LOU¹/₂ SCOOP

HAPPY HALLOWEEN!



POTPOURRI

From NATIONAL JEWELER, August 1979

Washington, D.C...The fabulous Hope Diamond, a gem of magic and myth was recently found to have yet another quality. Scientists have discovered that the blue Hope, after exposure to ultra violet rays, glows red in the dark. Researchers say this is unique in the diamond world.

-via Breccia September 1979

Natural Crystals for jewelry...One of the winners of the 25th Annual Diamond International awards was a neck chain by a United States jewelry artist, Daryl Reif, using 16 natural diamond crystals of over 6 carats each. The diamonds were wrapped in yellow gold wire and spaced in pairs on the long yellow gold chain. This is only one example of the still-growing fashion of using natural minerals for jewelry. Among the most popular jewelry crystals are amethyst, drusy quartz over chrysocolla, rock crystal, crystal lined geode sections, tourmaline, beryl, and diopside. Natural nuggets are used of gold, turquoise, amber and opal. Although often used with wire, the crystals and natural nuggets are also set in cast or fabricated jewelry.

-via AEMS Newsletter

Handy Hint... For that gloss finish on Tiger Eye, polish once, dry the stone, then put a drop of nivegar on it. Leave a couple of minutes and then give it a second polish. The result should be that deep gloss finish.

Flint Rock and Gem Club, via Smoke Signal, September 1979

South Africa Passes New Law to Control Tigereye... The Tiger's Eye Control Amendment Bill recently passed by the South African Assembly has closed certain loopholes and made enforcement easier for the police in the government's bid to control rough cut tigereye. Since introduction of control measures over two years ago, the value of tigereye has increased considerably. Recently, an export price of 60 Rands per kilogram was paid. This price is expected to rise to hundreds of Rands per kilogram in the years ahead.

However, large quantities of tigereye still are available in overseas market areas, representing material exported from South Africa before imposition of the government's stringent control measures. South Africa produces the highest quality tigereye and together with South West Africa, has the major share of world resources of this material.

-via Lapidary Journal September 1979

One day a small boy tried to lift a heavy stone, but couldn't budge it. His father watching, finally said, "Are you sure you're using all your strength?"

"Yes, I am," the boy cried.

"No, you're not," said the father, "You haven't asked me to help you."

via Reader's Digest, October 1979

Midwest Federations NEWSLETTER



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October 1979 - Issue No. 179

I-80 to Lincoln in '80

It is not too soon to start planning for the next American Federation Show, which is also the Midwest Federation show, and will be hosted for the second time by the Lincoln Gem and Mineral Club, Inc. of Lincoln, Nebraska.

Well located near the center of the nation, Lincoln is the Capital of Nebraska and home of the University of Nebraska with its exceptional museum. The show will be held in the spacious new Bob Devaney Sports Center, and the elegant Nebraska Center has been chosen for meetings and special events.

The enthusiastic Lincoln members are already planning new educational and fun features for the big show including seminars and symposiums on all favorite aspects of the hobby. The Hall of States will be a highlight, along with displays from top museums, collectors, and artists. A swap area and an auction for the AFMS Scholarship fund are planned.

Demonstrations will include faceting, silversmithing, polishing, tumbling, wire work, sand pouring, fossil preparation, casting, glass blowing, micromounting, and all aspects of the hobby. Manufacturers will demonstrate the newest and best in equipment. A representative group of retail and wholesale dealers are being selected.

Slide programs, films and lectures will be by well known writers, curators, field collectors, educators, importers and artists. Committees are already planning special events such as the awards banquet.

Show Chairman, Howard Taylor, says that several excellent surprises will be in store for visitors to the show, which is scheduled for June 12-15.

Plenty of nearby camping space is available, and there are many fine motels conveniently located to the show building. Lincoln is served by Amtrak, by major airlines, and by America's popular super highway, Interstate 80.

YOUR SUPPORT IS NEEDED

Midwest State Director for Wisconsin, Bill Parch, announced at Columbus, that an amendment has been introduced to the Federal Mine Safety and Health Act. The MSHA of 1977 has cut off most of the gravel and stone quarries to our members, adversely affecting our entire hobby. The amendment, "H.R. 1603", if passed would exempt stone, sand and gravel operations from provisions of MSHA, which was originally to have been only for coal mines and underground mines. Several quarries have asked for our support of the amendment.

Backed by a large number of Congressional sponsors, from many states, the amendment might restore our collecting privileges. Everyone interested in field trips should write his congressmen supporting this amendment. (Families and friends should write too.) Individual letters should be polite and limited to the one subject. The more letters we send, the better our chance of reversing this legislation which has restricted our activities.

MIDWEST AND OHIO CLUB WIN AFMS AWARDS IN TAMPA

At the National Show in Tampa special awards were given for the society and for the Federation which had the most competitive displays, with the exception of the host Eastern Federation.

The Midwest Federation won the American Federation's \$100 award for the most competitive displays and the Roehm Geology Club, Berea, Ohio won the \$100 award for having the most

4 CLUBS ADVANCE IN SCHOLARSHIP STANDINGS

By Katharine Steinbrenner, Scholarship Chairman

During the month following the beautiful and successful Columbus Show and Convention last July, almost \$500 has been contributed to the Scholarship Foundation from ten Midwest Federation Clubs. Through their generous checks the following clubs have advanced their Scholarship Status:

Peru Rocks and Minerals Club 3100%, McDonnell-Douglas Gem & Mineral Society 600%, Lapeer County Gem & Mineral Society 600%, Little Crow Lapidary and Mineral Society 100%

At the Council Meeting in Columbus it was decided to have our second Scholarship Auction at the Midwest-National Show in 1980 in Lincoln, Nebraska. More details on this will be given at a later date. It is not too early to put aside specimens, cabachons or jewelry for your club to bring to this auction. It is an easy way for your club to advance their Scholarship Status.

displays from a single club.

At Columbus, Ohio during the Midwest Show and Convention, the Board of Directors of the Midwest voted to give the Midwest's \$100 award to the Roehm Geology Club since it was thru their efforts that the Midwest had received their \$100 award.

The Roehm Geology Club has advised the Midwest that they will use the \$200 toward the purchase of a microscope.

**SAFETY IS NO ACCIDENT....
DRIVE WITH CARE EVERYWHERE**

CALENDAR OF EVENTS NEEDED EARLY AS POSSIBLE

Because the MWF Directory is distributed early in March the Calendar of Events should contain listings from March 1980 through AT LEAST March 1981. We are glad to list your club's show, swap, auction, field trip or other event. Because we want the 1980-81 Calendar to be as complete as possible, we ask your help now. As soon as your dates are set, let us know the following:

Event (if show, competitive or non-competitive displays?), Dates (Time to meet, if trip), Place, and Chairman or person to contact for further information.

If your event is scheduled for January through April, give us the 1981 information too. If the exact date isn't known, but the event is generally at the same time each year, something like "early March" or "usually 3rd weekend in February" can be used.

Send your dates directly to Diane Dare, Directory Chairman, 747 E. Blackford Ave., Evansville, IN 47713, or Calendar Chairman, Elsie Popejoy, 410 Grant St., Normal, IL 61761.

MIDWEST NOW HAS OFFICIAL MAGAZINE

At the Council Meeting at Columbus a unanimous vote made "Rocks and Minerals" the official magazine of the Midwest Federation. Published in Washington D.C. by Heldref Publications, the magazine, founded by Peter Vodac over 50 years ago, is also the official magazine of the Eastern Federation.

Marie Huizing of Cincinnati is Managing Editor and is assisted by an impressive staff of executive and contributing editors. The bi-monthly magazine has feature articles about minerals, rocks, fossils, gems and geology, and regular features such as mineral localities. Subscriptions are \$10.00 per year. The address is 4000 Albemarle St., N.W., Washington, D.C. 20016.

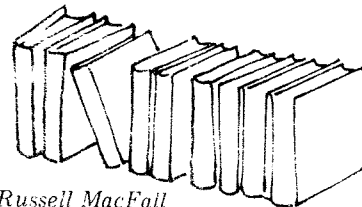
Previously the Midwest Federation was represented by the "Earth Science Magazine", published by ESCONI Associates of the Chicago area, with Mary Cornwell as Editor. However several years ago the affiliation was dropped when Dr. Richard Pearl purchased the magazine and moved its headquarters to Colorado Springs. Dr. Ben Hur Wilson founder of the Midwest Federation and its honorary president was once Editor of "Earth Science".

Marie plans a special Official Show Issue for the Midwest-American Federation show and convention at Lincoln, Nebraska next summer. Rocks and Minerals was represented by a booth at the show at Columbus, and Mrs. Huizing appeared at meetings to answer questions. The Midwest looks forward to a long and useful affiliation with "Rocks and Minerals".

OPERATIONS MANUAL

The new Operations Manual for the Executive Committee of the Midwest Federation has been completed and is being distributed by mail to Officers, Committee Chairmen and State Directors and assistants who did not get their copies at the meeting in Columbus. Clubs which have any questions about operations procedures, such as bidding for shows, for example, should see their State Directors or Assistant for their club. The President of a society may write for a copy for his club if desired. They are available through the Director of Supplies. Copies are considered Federation property and not individual property and so are passed on to new officers, chairmen, directors, and appropriate permanent club officials if the club has a copy.

BOOKS



By Russell MacFall

This occasional column in the Newsletter has been reviewing books about minerals for some time; perhaps it is time now to get it out of the rut. So it will mention this time Francis E. Wylie's *Tides and the Pull of the Moon*, published by the Stephen Greene Press of Brattleboro, Vt.

Most of us know less about the oceans and their tides than about any other aspect of physical geology. Yet these forces, powered by the attraction of the moon and sun, have a complex and major influence on life on this planet. Wylie explains the vocabulary of the science in his preliminary chapters, then gives a detailed account of the causes of the coastal storms that have ravaged the continent periodically, the nature of tsunamis, often called tidal waves, and the little-known pull of the moon and sun on the body of the earth itself and its atmosphere.

In later chapters he studies the influence of tides on marine life, the fish and shellfish; the tides that baffled Caesar's invasion of Britain and were a major problem in planning the invasion of France in World War II. Finally he speaks about tidal power and its problematical future.

So far as this reviewer knows, no one has brought these subjects to the laymen as well as Wylie. He was well prepared for the task as a former Time and Life magazine correspondent and later public relations director for Massachusetts Institute of Technology. He is a coastal dweller at Hingham, Mass. The book has 246 pages and the price is \$12.95.

A small pamphlet on rocks and minerals of Minnesota may be had from the Minnesota Department of Economic Development, 480 Cedar St., St. Paul, Minn. 55101. It is free.

HEART ATTACK FATAL TO OHIO ASSISTANT STATE DIRECTOR

J. Robert "Bob" Little, one of our Assistant State Directors for Ohio died of a heart attack suffered August 25. He was a member of the Licking County Rock and Mineral Society of Newark, Ohio.

LEARN AS YOU COLLECT

By Jack La Fleur

President, Golden Spike Gem and Mineral, Ogden, Utah

Mineral identification (especially to new members) has long been a problem. In my book though, to be a successful rockhound, you don't have to know the names of all rocks. You only need to know and identify the rocks you come in contact with, or plan to use or acquire. This certainly narrows it down. In other words, if you like a certain rock and want to acquire it, first find out what it is and where it comes from, and just a bit about its make up, such as color, hardness and cleavage or chipping characteristics. This way, you will not forget its essentials. If you pick up a strange rock, apply the same treatment. You're simply building a mineral vocabulary as you go along. As time goes by, you not only will know what every rock is in your possession, but you will also know how to treat them and what you can do with them. Soon, the problem of identification will disappear because you will have learned as you go.

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Read your bulletin to spot *new materials* or *specials* of the above advertisers.

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.

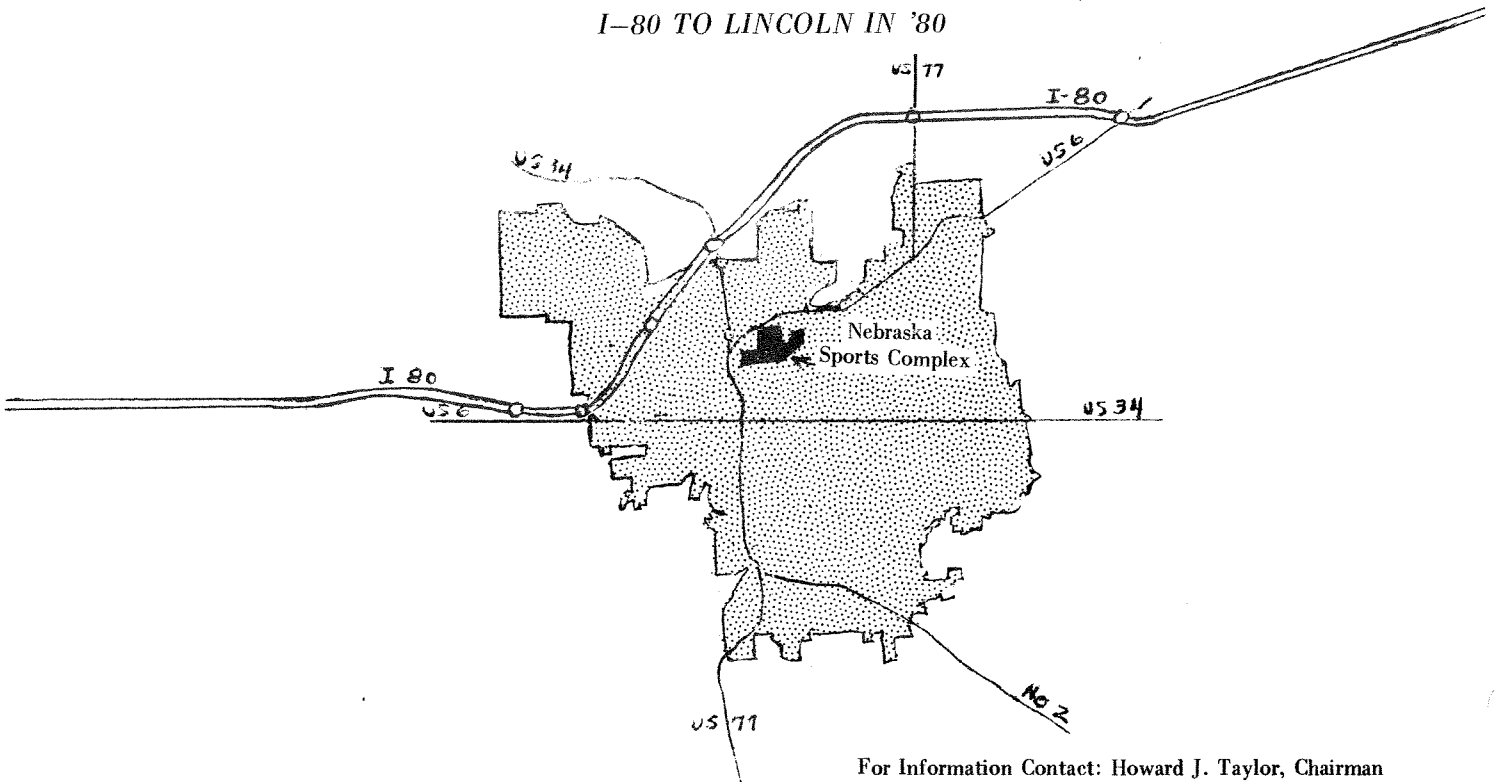
Subscriptions to THE PICK & SHOVEL are \$3.00 per year mailed.

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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