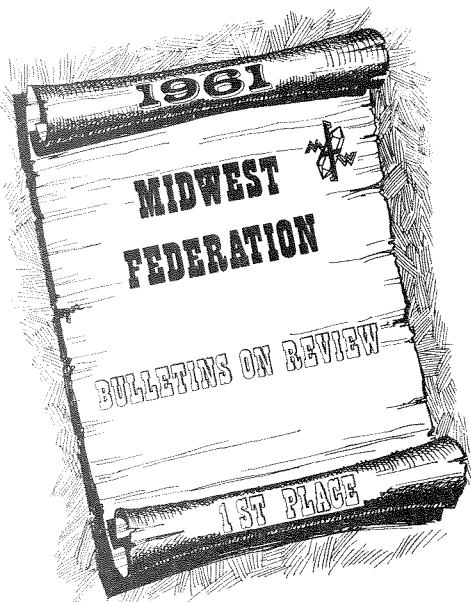
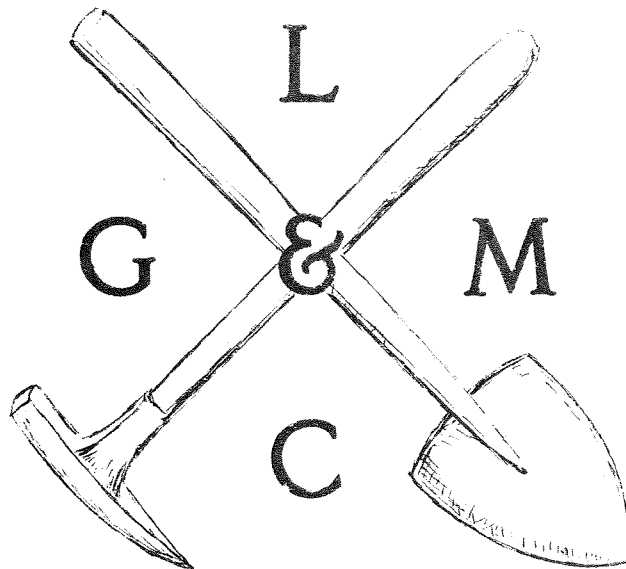


THE PICK & SHOVEL



DEC - 1979

OFFICIAL PUBLICATION OF

LINCOLN GEM & MINERAL CLUB

LINCOLN, NEBRASKA

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

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

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

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

1979 ELECTED OFFICERS & COMMITTEE

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

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

STANDING COMMITTEE CHAIRMEN:

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

LONG RANGE PLANNING & BY-LAWS COMMITTEE

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

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

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

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

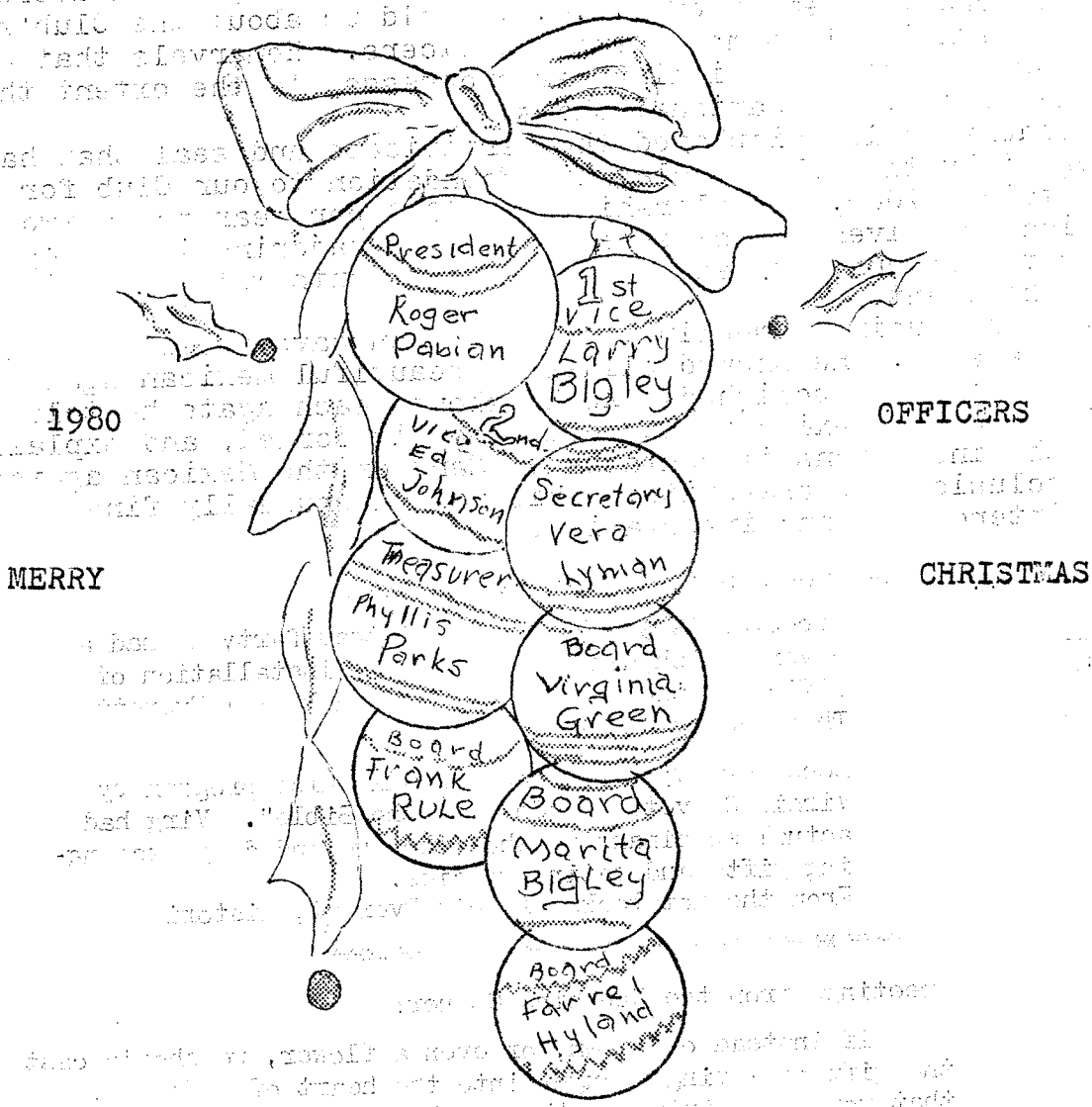
Deadline for material to be printed is 1st of month it is to appear

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

Calendar

No regular meeting in December. The Christmas party will take its place. The party was held at the Colonial Inn on Dec. 8th.

Board of Directors' Meeting...Will be held at the Commercial Federal and Loan association, 5555 "O" Street at 8:00 P.M. on January 3.



The Lincoln Gem and Mineral Club will celebrate its 25th anniversary with a party and banquet at The First Assembly of God Church on 56th and "R" Streets at 6:30 P.M. There will be a chicken dinner for \$4.50 to be paid in advance. Payments are to be made to Flossie Litzenberg 1435 north 24, zip 68503, telephone 435-4147.

If you have any slides which you think may be of interest to the club members, contact Flossie.

Deadline for making your reservations for the January 15th, 1980 Anniversary Party is January 7. Better call soon as great things are in store.

Last Month... 51 Adult and 4 Junior members were present at the November 24th meeting of L.G.M.C. The guests present were: Marge Gilbert, Kay Graber, Walt McCoy, Nancy Neihart, and John Abel.

After the usual business procedure, election of officers took place. The names of the officers appear in another place in the bulletin. Bob Walker and Irl Everett were elected to serve three-year terms on the Nominating Committee.

Flossie Litzenberg reported on the progress being made with the Silver Anniversary party. Roger Pabian gave a report on plans for the 1980 National Show. Sounds as if everything is progressing nicely, and a fine show is in the making. Irl Everett, founder and charter member of L.G.M.C., told us about the Club's first year with its 18 members and 3 officers. He marvels that a club with such a small beginning has progressed to the extent that it is able to host two National Shows.

President Taylor displayed the certificate and seal that had been awarded by the AFMS Scholarship Foundation to our Club for having attained 700%. Scholarships of \$1000 per year for a two year period are given to University students majoring in Geology. This year two of our Nebraska University students will be recipients of the grant.

After the business meeting, Roger Pabian gave a slide lecture on Mexican agates. He showed slides of beautiful Mexican agates which he had cut and polished. As he showed each agate he told from which area in Mexico it had come, how it formed, and explained about the inclusions it contained. Many of the Mexican agates contain inclusions of aragonite. This was an unusually fine program, interesting and informative.

Yester Year!

Way back to when

December 1969 - For the Christmas Party we had a covered dish dinner followed by installation of officers, then carol singing led by Irl Everett. Then lastly, a gift exchange.

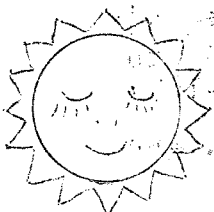
December 1959 - We had a really nice program by Virgil Carveth on "Gems of the Bible". Virg had actual specimens to show then we ended by exchanging gifts and eating goodies.

From the notebooks of Lois Everett, Historian

Greetings from the Sunshine Corner:

If instead of a gem, or even a flower, we should cast the gift of loving thought into the heart of a friend, that would be giving as the angels give.

George MacDonald



A get well card was sent to Virg Carveth who is hospitalized at Bryan Memorial.

A sympathy card was sent to Glen & Glossie Litzenberg acknowledging the loss of Glen's mother.

The Taylor Family would like to thank the club members who expressed their sympathies at the loss of their uncle.

Keep a Sunny Smile
During the Holidays!

Suze Sunshine

1980 SHOW NEWS

Many aspects of the 1980 show are only getting started now. Though there has been much pre-planning, the finalizing of many events, speakers, and programs is just now beginning to take place. As with most shows, the displays will be the last thing to fill out the agenda. There are several reasons for this.

First, the prices for many things such as the banquet and luncheons will not be given by the caterers until about the middle of January. We know that we will have a banquet, we know that the banquet will be on Saturday, June 14th, at 6:30PM, but we don't know how much the meal will cost. January 15 is as soon as we will have a figure.

Many exhibitors have not decided what they will exhibit at the show as of yet. This is especially true for competitive exhibitors who are trying for or have already earned AFMS eligibility. The uniform rules will force some exhibitors to display in certain classes and divisions. With the new uniform rules going into effect for the 1980 show, most competitive exhibitors will await the new copy of Uniform Rules before submitting their entry. Since many of the competitive exhibitors bring non-competitive displays, many will wait to see which display goes where.

Speakers and programs are currently being solicited by Vera Lyman. The preliminary list looks very good. Of course, it will be impossible to obtain 100 percent of our desires for speakers and programs for several reasons. Speaker availability is the first to consider. Is the speaker available? Monetary considerations are important too as we need to know how much the speaker will cost. Even if all of the speakers are available, we may not be able to afford all of them. At any rate, the preliminary list looks very good and Vera Lyman has contacted many potential speakers.

The dealer situation is shaping up quite well. There are still a number of slots to be filled, but there are ample applications for space to fill any voids. To avoid over-committing on dealer space, the dealer chairman can work with only about half of the available slots at any one time. For example, if 60 spots are available, 30 slots are first lined up, then half of the remaining 30, then half of the remaining 15, etc. This method also gives the dealer chairman a spot check to see that the balance of dealers isn't becoming precariously overloaded in favor of perhaps mineral dealers as opposed to lapidary dealers. Jim Taylor reports that both wholesale and retail slots are filling up rapidly.

Jim Marburger has completed most of the details in the floor plan. The decorator has been hired and tables, chairs, and various and sundry equipment has all been contracted from AAA rentals of Lincoln. The color scheme has been set and the decorator is now following through. By next issue of the pick and shovel, building security should have been arranged, and we will have these details as soon as they become available.

Harriett George of Naperville, Illinois, is serving as uniform rules chairperson for this show and all competitive displays should be sent to her at 5S 144 Webster, Naperville, Illinois 60540. The help of many people for this show is appreciated.

Roger Pabian
Publicity Director

ATTENTION! All 1979 and 1980 Board Members: As required by our by laws, the outgoing and incoming board members are to meet in January. The January Board of Directors meeting will be held in the meeting room at Commercial Federal Savings and Loan at 5555 O Street, 8:00PM, January 3rd, 1980. Please be there. Thank you.

Roger Pabian
1980 President-Elect

SCANDINAVIA TOUR by the OLSONS

On July 15, 1979, the Olsons, along with 102 other Shriners, flew from Lincoln to Chicago; there boarded an SAS plane for Montreal, Canada, then on to Copenhagen, Denmark. The Denmark countryside is very well kept--no junk yards or piles of debris. Farms are mostly grain: wheat, oats, barley, mustard, and potatoes. Land is scarce, hence livestock is confined--hogs, chickens, &c. Hogs are mostly sold individually to the housewives, the tax taken out of the check at sale. Taxes are very high.

With so much water around, flowers are everywhere... Hay is dried by hanging on wires strung between poles. Of course they saw the Mermaid in the harbor, castles, etc. Then on to Sweden, a 4-hour ferry trip on the Kattegatt Strait, landing at Helsingborg. The ferry trip was fun, with a nice dining room and good food. Then on bus headed for Stockholm thru the area where Mrs. Olson's parents were born: her father at Förslove Holm, which is rich farm country, and her mother at Elmhult in Södra Lunda, beautiful forest and mineral areas. A tree cut down there must be replaced by a new one.

Stockholm is a city built on islands. They saw Vasa, the ship built in 1626, sunk on its maiden voyage; was located and raised in 1961 from the sea. It has been restored and has been described in various magazines.

On to Norway with its scenic country--so-called farms are so small they are like our gardens. Many sheep on mountains and in valleys. There was much snow and many glaciers. Visited Voss, where Knute Rockne was born; ferried up a fjord where Edvard Grieg lived and composed much of his music. Lots of fruit there, and strawberries were in season, which were sold at every ferry stop.

They rode thru reindeer country, with their mud and log huts. Up in the flat lands were many goat herds -- they bought goat cheese and liked it! (I couldn't abide goat cheese in Old Mexico when there in 1950--Helena) Norway has many tunnels, the longest 2 1/2 miles. Bergen with its fish markets and old buildings, is a most interesting city, with its funicular railway. Many sculptures are all over the city, and the museum of Viking ships was enchanting. However, food is very costly--a bottle of pop was \$1.25, coffee in most places was \$1.50 to \$1.90 an ordinary cup! In Copenhagen Albert had a plain hamburger like our own here, which cost \$5.00. In Norway Olga and Albert each had a beef sandwich, a bowl of strawberries, 1 glass of milk, and 1 glass of water, all for \$14.30--in U.S. money! Maybe we aren't so bad off, even with inflation, eh?

Hotels included breakfast (always with herring on the table), dinner each evening, and some noon lunches came with the tour tickets. Their last evening in Norway they were served with a reindeer dinner with all the trimmings, and a nice program.

The tour was especially wonderful for the Olsons. In 1963 they sailed over on the Gripsholm, rented a car, and drove over nearly all of this same route, but this conducted tour apparently was easier. Olga says she "saw lots of rocks, but they were too big to carry home."

H.B.

LGMC 25th BIRTHDAY - JANUARY 15, 1980

-by J.D.Young

Twenty-five years-a quarter-century! To a youth, that seems like "ages"; to an octogenarian, it is only "yesterday". Time perspective may be in the mind, not on the calendar.

Of the Club's charter members only two names remain, Irl Everett and Frances Tracy. My wife, Myrtle, and I joined nearly two decades ago, so I am reasonably certain about the following history. I remember at least 17 Club Presidents, and they all very ably maned the gavel (or personed it).

Club meetings, first held in the Y.M.C.A., were later moved to the Robert's Dairy Party Room (20th and "N" Streets), the W.O.W. building (27th and Randolph), the Administration building State Fair Grounds, IOOF Hall (56th and Orchard), and more recently to Trabert Hall (2202 South 11th street.)

Annual Shows have been at the National Guard Armory, Pershing Municipal Auditorium, and the Nebraska State Fairgrounds Agriculture building. Our National Show June 13-16, 1974 involved at least four different buildings at the Fair Grounds.

In recognition of Nebraska's 100th year of statehood our annual show in 1967 at Pershing Auditorium was titled "Centennial Rock-rama", and lasted three days. The Club participated in a long float parade down Lincoln's "O" street, claimed to be the "World's longest main street".

Our 1974 National Show received the highest acclaim for outstanding achievement in many categories. A major feature was the official First Day of Issue of the United States Mineral Heritage postage stamp. That was a national event, attended by dignitaries from Washington, D.C.; a real one for philatelists, stamplickers not agate-lickers momentarily.

We will again be hosts to the June 12-15, 1980 National Show at the Bob Devaney Sports Complex on the Nebraska State Fair Grounds. It is most unusual for the National Show to return to the same city after only 6 years. We are blessed with many capable and dedicated members.

In addition to producing great local and National Shows this Club has engaged in some other worth while projects. Several members have won distinction for their displays and related arts. The Club has ranked high in scholarship fund contributions. Our monthly bulletin, The Pick and Shovel, has received many honors.

Club-sponsored field trips have been notable for educational as well as for recreational value. One highlight of the "great outdoors" occurred in late 1964 when a group of LGMC members worked diligently and unselfishly for weeks to dig out a 40 foot fossil plesiosaur on a farm near Valparaiso, about 20 miles from Lincoln, and to prepare it for display in Nebraska State Museum in Lincoln.

LGMC 25th Birthday - January 15, 1980 - continued

(Shades of the famous Loch Ness Monster, or its ancestors).

Some members donated countless hours of time and careful expertise over a period of years to help prepare specimens for the Nebraska State Museum. (Remember those pick, peck and blow sessions? But they were fun.) Those fossil materials ranged in size from near micro to a replica of a small ancestral elephant fossil skeleton from Egypt. For transfer from the field to the museum the smaller objects were usually in matrix protected by plaster of Paris, and guess what? (not always "squeezably soft"). The little elephant's articulated, complete replica skeleton had been carefully saran-wrapped, and then entirely cast in a solid block of styrofoam, and the whole enclosed in a large wooden box to fit it snugly.

When all that protecting mass of white styrofoam had been carefully chipped away to expose the precious replica in its modern mummy wrappings that workroom looked like an indoor blizzard had struck the museum. Plaster of Paris would have been more difficult. The little elephant's surrogate framework was put on exhibit in the northwest corner case in the museum's great Hall of Elephants - really the runt of the lot! The plesiosaur sticks its long neck out on the floor in a room above; LGMC's "own little" (?) pet."

Our members have generously supplied exhibits from their related hobbies at other places in Lincoln as well as in other cities and towns. Some have helped to promote education in schools by suitable displays and oral presentations. This Club has sponsored pre-show exhibits in stores, banks, shopping centers, etc. Several members supplied materials for a month-long mini-show at the Neihardt Center in Bancroft, a branch State Historical Society Museum. Most members know the Poet Neihardt was an Honorary LGMC member. All of these activities have been made possible by unselfish, devoted members.

There is no way to measure the far-reaching impact of the expressions from this organization as a whole, or as individuals, by displays, programs and shows. Many persons unfamiliar with the beauty and charm of various articles produced through our hobbies are amazed when they have their first happy experience at a show or program. Young people's latent interests may be guided into worthwhile directions when given such stimulus; and the field is unlimited--there are so many facets to the hobby. (no pun intended).

"How far that small candle casts its gleam, so shines a good deed in this naughty world."

P.S. Numerous members could be favorably mentioned in connection with the Club's activities over the years. I omitted them because there are so many. Please feel free to "take your bow".

JUNIOR PAGE

Hi Juniors:

Do you have your Christmas lists made? It isn't long now until old Santa will be making his annual trip from the North Pole. I suppose your little brothers and sisters (if you have any) are getting pretty excited about Christmas vacation. When I was teaching here in Lincoln, I really enjoyed the Christmas season with the "sings" and the anticipation of a break from the daily routine. You will have some time to work on your rock hobby. Are you planning to exhibit at the National Show? If so, now, would be a good time to get to work on it. Hope you have a very happy holiday season.

Mrs. Ulrich

Here is a Christmas puzzle for you to unscramble. Our thanks to Annette Theopolos via Chip and Lick.

NELAG

AOLRC

NNAIFT

MBLA

EEEC' BDMR

CSNNEET

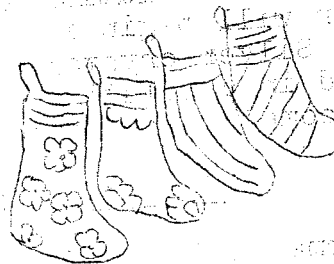
RHSPDEE

TLHEHEMBE

MTTIOONPNE

JCEORIE

OTHNRTRSA



When the man with the whiskers is off with his pack,
Who keeps the lamps lighted to welcome him back?

Mrs. Claus

When the jovial old elf has his annual "night out",
Who waits to welcome his home-coming shout?

Mrs. Claus

Who keeps all his suits and mittens like new,
And bakes a big pudding to eat when he's through?

Mrs. Claus

POTOURRI

Fashion editors say this is the year for pearls. Only the pearls are combined with other contrasting gem beads, and strung into elaborate and imaginative necklaces, bracelets, bibs, and collars. And the pearls themselves are biwas, baroques, seed pearls, perfect spheres, yellow, blue, silver, black, lilac, and pink. Oh yes, and pearly white.

via The Concretionary Column by June Zeitner,
November 1979

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.

AFMS Newsletter, October 1979

A TIP ON MAKING OPAL TRIPLETS...Fred Albert says, "When making opal triplets, after the surfaces to be joined are prepared, coat one surface with the epoxy resin and the other surface with epoxy hardener. Then press the two parts together. This is a 50-50 epoxy mix. Pretty sneaky, eh?"

Rock Rollers via S.I.E.S. Club News, July 1979

TRY THIS FOR FUN...Form a few strands of bare copper wire into a tree-like form and place in a large glass vessel. Dissolve 2 grams of AgNO₃ (Silver Nitrate) in 4 liters of distilled water. Transfer this solution into the vessel containing the tree. A reaction will begin immediately and will be completed in a few hours. Silver crystals will form on the copper tree. Copper is oxidized in a solution of silver, a soft white lustrous metal that becomes attached to the limbs of the tree to give the appearance of snow.

The Geode via S.I.E.S. Club News, July 1979

A fisherman holds up his hand to show how big the fish was that got away...The rockhound does the same thing to measure the rock he had to leave behind...(There are some who do both).

Pebble City News via The Rockhound Scoop

Safety Tip...The FCC has warned the CBers that improper placement of transmitters in their cars may result in gasoline explosions. Especially hazardous are transmitters installed in the trunk or with bumper mounted whip antennas because of their proximity to the vehicle's gas tank and filler pipe. The agency also warned the CBers to not transmit while their cars are being filled with gas because sparks from the radio equipment could ignite gasoline fumes.

Harold O. Waggoner via Magic Valley Gem News

SILVER TIP...Wash your silver articles carefully with hot sudsy water after polishing with tripoli or rouge. Tarnish reappears rapidly unless all traces of the polish are removed.

-from The Geode, via The Template & others

Midwest Federations NEWSLETTER

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December 1979 - Issue No. 199

FALL EXECUTIVE MEETING REPORT AND MESSAGE FROM OUR NEW PRESIDENT

Dear Friends: This is being written immediately after the fall meeting in Milwaukee on Saturday, Nov. 3, where Larry Nawojski, Bill Parch, Jean Reynolds and I together with Executive members from Nebraska, Ohio, Iowa, Missouri, Minnesota, Indiana, Illinois, Kentucky and Wisconsin spent the weekend working on Federation business.

We thank the members of the Kettle Moraine Geological Society and the Wisconsin Geological Society for their hospitality and also Dr. Katherine Nelson, Curator of the Greene Geological Museum at the University of Wisconsin, Milwaukee, for opening the museum to us Saturday evening.

Get well wishes were sent to First Vice President, Mel Sharp, who is recovering from a hip replacement operation. Seems Mel will do anything to get back on the rock piles.

Your club will receive complete copies of the minutes as soon as they are printed. In the meantime you will be happy to hear that we hope to revive "BEN", the Bulletin Editors News. This will be sent to your editor about four times per year.

Programs are being updated and we are getting close to the 100 mark. Don Stinnett will continue as chairman. Remember to get requests for programs in early, order only what you need, and return them promptly. Comments are appreciated.

Art Millard, Special Displays Chairman, plans a new Special Display Manual which should be of value to your show chairman. Your help is needed to make this a complete and helpful booklet. Watch your mail for information.

The combined AFMS and Midwest show in Lincoln, Nebraska, June 12-15, 1980, will again feature a silent auction for the bene-

fit of the Scholarship Fund. Money received from this sale of donated material will be credited to your club as a Scholarship donation. Start getting your material ready now. Chairman Norman Brown, Hiawatha, Iowa, will have additional information in the Newsletter.

1980 membership cards were given to State Directors and assistants for distribution. Information forms which you will also receive are to be completed and returned immediately. Please don't take a chance on misplacing or delaying information which is necessary to keep Midwest records up-to-date and avenues of communications open. Mail is sent to the person you name to receive it and this is designated each year in the Midwest Federation Directory.

One of the nicest part of being President is working with those serving on the Executive Committee. In addition to being active in their own clubs many took time off from their jobs, came to Milwaukee by car, or plane and paid their own expenses during the weekend. Most arrived on Friday and left on Sunday. They spent a solid day of work on Saturday discussing Midwest activities throughout their stay, and all seemed to enjoy every minute. A big THANK YOU to all. As most of you already know there is a spirit of closeness and congeniality among rockhounds everywhere which makes our hobby a really special pleasure.

My very best wishes to every Midwest Federation member for a Happy Holiday Season and a Prosperous New Year. May you continue to enjoy your hobby, gaining knowledge and sharing this knowledge and enjoyment with others.
Bernice McCloskey

GET READY FOR THE AFMS/MIDWEST SHOW
LINCOLN, NEBRASKA...JUNE 12-15, 1980

MORE NEW PROGRAMS NEEDED

Our Library Program Chairman, Donald Stinnett, is again asking our clubs to supply more new slide programs. Stinnett says our need never ends for new programs. Many of our current programs are becoming faded and worn. Supplying the Midwest with a program would be an excellent project for this coming year.

Be sure to wrap and tape the box when you return a program and return it promptly following your clubs use so that others who have the program booked will not miss out. Since programs are shipped by UPS, if you live on a rural route please include your telephone number when you order so that UPS may contact you to be sure delivery can be made.

Always give second and third choices when you order a program so that if your first choice is not available we can ship your second or third choice and you will be sure to have a program for your meeting. And order as far in advance as possible and in this way, in most cases, your first choice can be booked to you for your club date.

There is no charge for use of the programs by Midwest clubs. Send your requests to Donald Stinnett, 29462 Aspen Drive, Flat Rock, MI 48134.

AFMS CABS ON DISPLAY

62 of the cabs presented to the Smithsonian by AFMS on the occasion of its 25th anniversary are currently on display in the Hall of Gems. The beautiful display of cabochons of American gem materials cut by members of clubs belonging to the Federations, is well arranged and attractively labeled, giving names of clubs and individuals who sent the cabs.

Paul Desautels, Curator of the Hall of Gems, recently told June Zeitner that the initial AFMS gift of 1309 cabochons has inspired many others to send cabs to the Smithsonian. He feels the National Museum now has an enviable collection of native gems. Cabochons which are not on display are in the study and research area, and are arranged by species in large (and heavy) books, with each cab in an individual plastic envelope.

The cabochons on display this fall in-

WELCOME NEW MEMBERS

MOPAIN VALLEY LAPIDARY CLUB
Dan King, President
3211 Vernon Avenue
Brookfield, IL 60513
Joined June 18, 1979

Individual Members
Louis Shy
545 City View Avenue
West Portsmouth, OH 45662
Joined October 15, 1979

SOUTH DAKOTA CLUBS PRESENT CHECK TO STATE LIBRARY

The South Dakota host clubs for the Midwest Field Convention of 1969 recently presented \$870 to the South Dakota State Library of Pierre for books and visual education programs in the field of minerals, gems, fossils and other earth sciences. Maybelle Wilcox, Winner, former Midwest State Director for South Dakota, presenting the check on behalf of clubs at Murdo, Mission, Martin and Winner, explained that the clubs had previously purchased 10 large showcases with profits from the convention, which are available to clubs throughout the state for their shows.

The books and movies which will be acquired by the State Library can also be used by any club in the state, and will also be available to schools and others interested in learning about earth science. State Librarian Vince Anderson, Pierre, accepting for the library, complimented the clubs for their generosity and for their enthusiastic promotion of the advancement of earth science. He commented that with the help of the clubs this library section would be greatly enriched.

cluded plume agate, domeykite, Bruneau Canyon jasper, variscite, tremolite, nephrite, lazulite, dinosaur bone, gem chrysocolla, prehnite, rhodonite, turquoise, obsidian, Petoskey stone, williamsite, petrified wood, limestone, unakite, breccia, colite, shattuckite, banded agate, gold in quartz, and more.

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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:

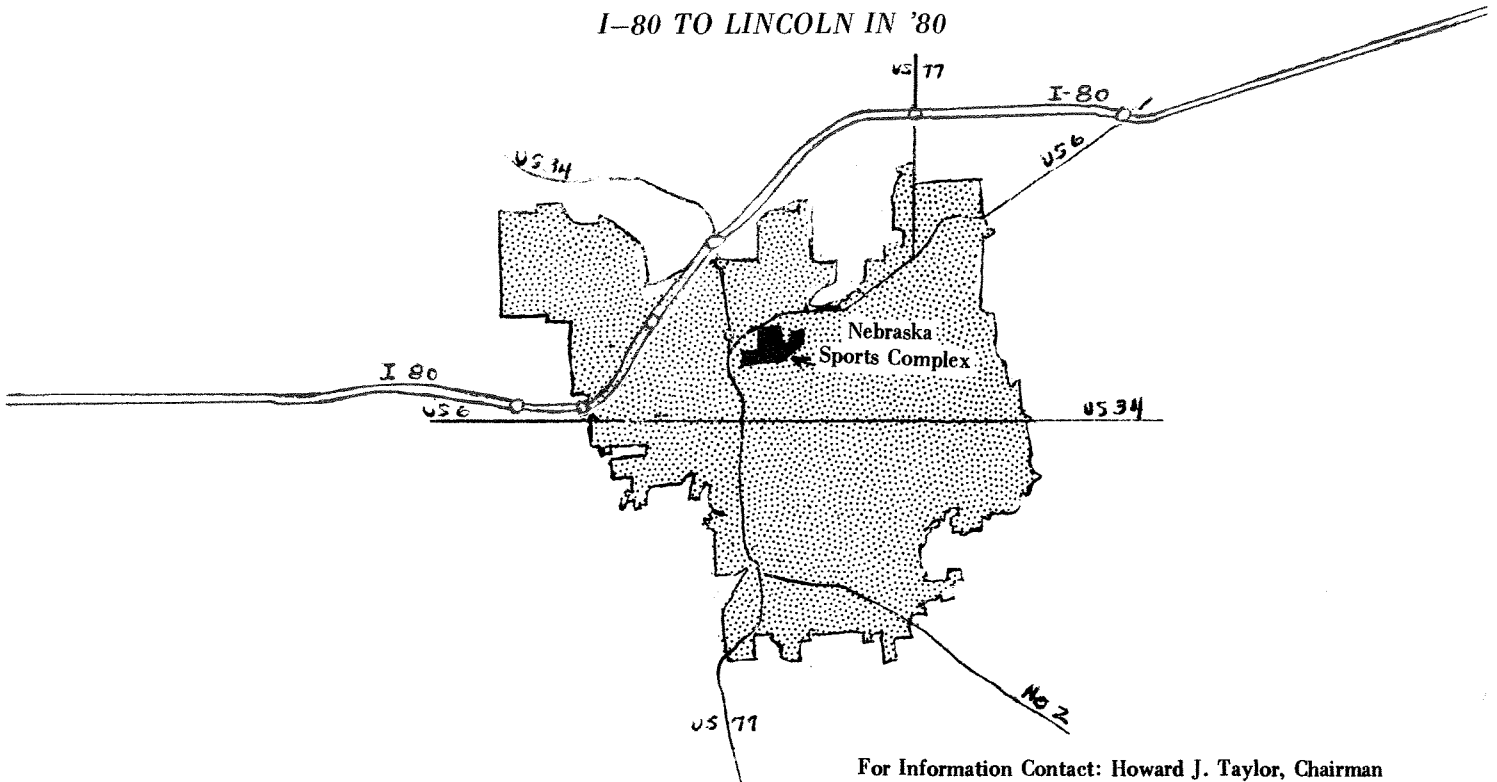
Adult membership fee \$5.00 (age 16 and over)

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

Family membership fee \$7.00 (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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