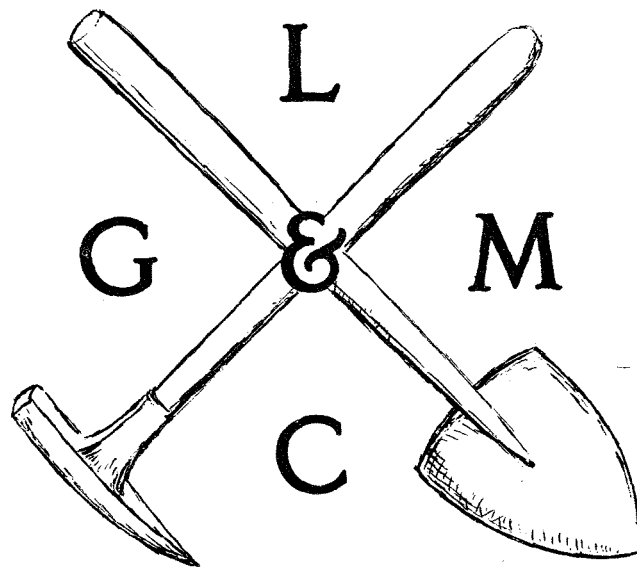


THE PICK & SHOVEL



OFFICIAL PUBLICATION OF
LINCOLN GEM & MINERAL CLUB
LINCOLN, NEBRASKA

Volume 18

Issue 1

September 1977

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)
Community Arts Council of Lincoln (CAC)
Nebraska Recreation League (NRL)

Regular Meetings: 4th Saturday of the month, September thru May, 7:30 P. M..
1977 - IOOF Hall, 1101 No. 56th St., Lower Level

1977 ELECTED OFFICERS:

President.....	John Harrison, Jr.	330 Locust	Hickman, 68372	792-2337
1st Vice Pres...	Howard Taylor	910 New Hampshire	Lincoln, 68508	432-3707
2nd Vice Pres...	Jim Marburger	1910 S. 26th St. Apt. B	Lincoln, 68502	432-0214
Recording Secy...	Nelda Oliver	5700 Otoe St.	Lincoln, 68506	489-5222
Treasurer.....	Joella Olson	4831 S. Haven Drive	Lincoln, 68516	489-5380
Board Member....	Evelyn Ulrich	3521 S. 48th St.	Lincoln, 68506	488-9051
Board Member....	Norma Miller	931 Cottenwood Drive	Lincoln, 68510	489-8840
Board Member....	Virginia Green	6120 The Knolls	Lincoln, 68512	423-5032
Board Member....	Ray Lambert	1201 N. 79th St.	Lincoln, 68505	464-8552

STANDING COMMITTEE CHAIRMEN:

Program	Jim Marburger	Liaison	Phyllis Parks & Marita Bigley
Hospitality	Virginia Green		
Historian	Lois Everett	Refreshments	Bob & Sylvia Daniels
Librarian	Larry & Marita Bigley		Robert & Leona Daul
Membership	Marita Bigley	Education	Howard Taylor
Field Trips & Safety	Larry Bigley	Scholarship	Florence Boring
Calling Committee	Nelda Oliver	House and Property	Frank Rule & Larry Bigley
Vaya Con Dios	Marie J. Carveth	Publications	Art Howlett
NAOESCI Reporter	Evelyn Ulrich		

LONG RANGE PLANNING AND BY-LAWS COMMITTEE:

Roger Pabian	-1 Year Remaining	Frank Rule	-2 Years Remaining
Howard Taylor	-1 Year Remaining	Phyllis Parks	-2 Years Remaining
	Larry Bigley		-3 Years Remaining
	Don Carter		-3 Years Remaining

1977 Show Chairman Roger K. Pabian, 300 Sycamore, Lincoln, Ne. 68510 489-3081
1978 Show Chairman Don Carter, 1101 Driftwood Dr., Lincoln, Ne. 68510 489-3442

PICK & SHOVEL STAFF:

Chairman -Art Howlett
Editor -Evelyn Ulrich, 3521 S. 48th St., Lincoln, Ne. 68506, Phone 488-9051
Typist -Flossie Litzenberg
Artwork Stenciling -Jim Parks
Publisher -Phyllis Parks
Reporters -Club Members

Contributions from members are welcome and needed. Deadline for material is the first of the month to be printed. Please send copy to Editor.

Subscriptions to the Pick & Shovel are \$3.00 per year - mailed.

Advertising by a rock-hobby business or interest is permitted with approval of the Board, at a rate presently set at \$10.50 per full page per insertion, with approximately 10 inches by 7 inches of copy. 1/2 page is \$5.25, 1/3 page is \$3.50 and the minimum size ad is 1/4 page at \$2.75 per insertion.

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.

Last Month...LGMC has been recessed for the summer. The last meeting was held in June at the Bethany Park. After a brief business meeting, a picnic supper was enjoyed by all present. There is little to report other than what everyone already know- LGMC ladies really know how to prepare good food!

LGMC Courtesy

Cards were sent to the following:

- Phyllis Parks.....Get well
- Ardeen Newell.....Sympathy
- Frances Tracy.....Sympathy
- Robert Daul.....Sympathy
- Virgil Carveth.....Sympathy

To the Lincoln Gem and Mineral Club

The family of Marie Carveth acknowledges with deep appreciation your kind expression of sympathy..

Virgil Carveth

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June 1967...No meeting was held, but the club had a float called "Treasures of Nebraska" in the Nebraska-land parade.

July 1967...No meeting was held, but there was a bulletin.. There was a summary of Rockarama displays and publicity to date.

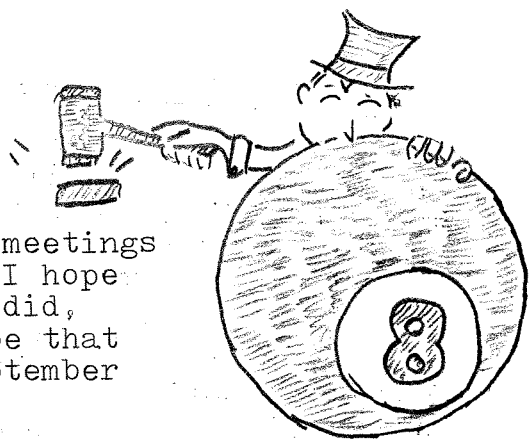
August 1967...Rock Swap at Boy Scout Camp with auction, trophy for prettiest and ugliest cab, pot luck, free coffee and watermelon..

September 1967...No meeting, Nebraska Centennial Rockarama was held at Pershing Auditorium. A Centennial Trophy was given for jewelry made from Nebraska stone to Jerry Kohn.

A PDQ Gem Drill was given by Byron Rohde of Colorado for best Centennial costume. It went to Bob and Millie Bainbridge, and Linda Parks also won a prize for her costume.

From the notebook of Lois Everett, LGMC Historian

From the President's Desk



Dear Club members;

Here we are about to start another group of meetings after an enjoyable summer of Rock Hunting. I hope that you all had a lot of fun as our family did, doing our favorite hobby, Rock Hunting. Hope that you will bring some of your finds to the September meeting.

Things are starting to roll for the 1978 State Show and I'm sure that Don will have a report at this meeting.

Many, Many people are needed for the various committees. DON'T BE AFRAID TO VOLUNTEER.

This is kind of tough to get into the swing again of our meetings, but hope that you are enjoying the fine programs and hope that you will all attend.

This summer many people have been busy doing many things but the Board has found time to locate a possible new meeting site. More will be discussed at the September meeting. If you would like to see the hall you may see it on May 20th, 1977 (Tuesday). Call Nelda Oliver at 489-5222 to make your arrangements. If you desire to see the new meeting site please be prompt because the tour will start at 1:30 P.M. and you will get to see the facilities. Directions will be given when you call above phone number by September 19th. (Monday). A decision will be made at the meeting on September 24th.

I would like to ask for volunteers to help with writing up the Standing Operation Procedures Book. If we can get enough it will only take a short time for all and then we can complete it this year.

I am happy to report that the Club received a 300% certificate certificate sticker for the Scholarship Fund.

So long for now - See you all at the meeting.

John

Remember to call Nelda Oliver, 489-5222 to set up the appointment to see the possible new meeting site on September 20th.

From the Editor's desk...You will notice some change in the Pick & Shovel. We will no longer have "Glenna's Gleanings" or "Nelda's News". Glenna expects to be traveling a lot, and feels that she will not be able to keep abreast of the news as much as she would like. As you know, Nelda is a very busy person. Besides her many activities, she and her husband edit the state camper's bulletin, she also prints the covers and backs of the Pick & Shovel. The fine contributions of both Nelda and Glenna have been greatly appreciated by the bulletin staff. Norma Miller, former editor of the Pick & Shovel, has kindly consented to edit our Club members news column. It will be a pleasure to be working with Norma again.

The Pick & Shovel placed 5th in the MWF bulletin contest. We had a score of 96. We lost 3 points for not having a calendar of Club events, and 1 point for Miscellaneous business; Club members' news; talks; displays, and community services, etc.. With so many fine bulletins entering the contest, judging must become quite a problem.

INDIAN VIEWS ROCKHOUND

Chief Buzhaw, head of the Indians in the Sagmuk Reserve near Sault Ste. Marie was asked how the uranium boom was affecting the Indians. He said, "Two or three years ago, white man came to the North Shore of Lake Superior. He take all the fur and give Indian few strings of beads. Then a few years later, he cut down all the big trees; build lumber mills. Soon all big trees gone. He burn mills and go away. Few years later he come back, build paper mills, cut down all small trees. Nothing left on North Shore but rocks. Now, by gosh, he come back for rocks."

ROCK EXPRESS via THE LIMESTONE RATTLER

Tumbling Abalone Shell

Have you ever wondered how to tumble Abalone Shell?

Tumble abalone shells in fine sharp quartz sand, and enough water to barely cover for 24 to 36 hours. Wash out thoroughly and dry. Replace the shells in the tumbler and add 1 lb. of tripoli for each 50 pounds of shells; tumble this mixture for 12 to 15 hours. Again, thoroughly wash everything and dry the shells well.

Next, charge the drum to half-full and add enough hardwood sawdust to keep the shells from bumping. Run this mixture dry for 2 to 3 hours. Wash well, clean off sawdust, and have beautifully polished shells.

From the Rockorder via The Template

Lincoln Gem and Mineral Club board meeting was held at 5700 Otoe Street at 7:30 P.M.. The meeting was called to order by President, John Harrison, Jr, on May 4, 1977 with 8 board members present.

The 1978 show Chairman, Don Carter was also present.

Minutes of the previous meeting were read and approved as read.

Treasurers report by Joella Olson and approved as read.

Jim Marburger reported on the Family Fun Fair held at Gateway. There was not very much club participation, in this activity.

Bills were read by Treasurer. Motion Howard Taylor to approve bills as read, seconded Virginia Green. Carried.

Lincoln Gem and Mineral Club will host the 1978- 3 day State Show, March 31, April 1 and 2.

Ray Lambert to get with Roger Pabian or Bill Holdorf on by-laws change that was sent back to committee.

Nelda Oliver gave a report on bottle bill LB310.

Chairman of one to pursue the possibility of our club having a mineral claim, reported by Jim Marburger. After much discussion it was suggested Lincoln Gem & Mineral Club drop the idea of a club claim.

A motion by Ray Lambert we drop the pursuing of claim of Lincoln Gem and Mineral Club unless at/or vicinity area claims change, seconded Virginia Green. Motion Carried.

A report on Greater Detroit Show. Letter read about competition. Article to appear in the May Pick and Shovel.

Discussion on monies for 1978 show. Motion Ray Lambert we set up a show fund for Show Committee, seconded Virginia Green. carried. Budget for show chairman continued to June meeting.

The Cycad plaque is at a standstill at this time. At the present time the wording to be similar to as follows: The cycad represents the tree of life. Donated by Lincoln Gem & Mineral Club, found by Dr. Deitrick.

One volunteer on case committee.

After discussion a motion that any commercial non collecting area mail be intercepted and destroyed. Any material where a person can collect should be put in a file within club, seconded Virginia Green. Motion carried with one apposed.

Howard Taylor stated all Federations have this information available to our club or members.

After discussion a motion by Jim Marburger that a general resume be prepared by Historian and President so it will be available for handout at swaps or wherever, seconded Virginia Green. Varried.

Dayton is sponsoring a Hall of States. Howard Taylor would like to take gem areas, road maps and a state case. We were asked if we wanted a case for an award from LGMC on July 13-16. John to get a case and Howard will set it up.

Motion Virginia Green we get a case for Howard Taylor to take back to MWF at Dayton, seconded Norma Miller. Carried.

Don Carter and Ray Lambert to get material ready by July 1st.

Norma Miller to write to State clubs secretaries for State material by July 1, for advertising the state in their area.

May Board Minutes....continued

Motion Howard Taylor to pay delegate \$150.00 to go to Dayton, seconded Virginia Green. Carried.

There will be no may general meeting.

Next board meeting June 2, 1977 at Larry Bigleys home.

Motion Jim Marburger to pay garage rent, seconded Virginia Green. Carried.

Meeting adjourned.

Nelda Oliver, Secretary

BOARD MINUTES...JUNE MEETING.

Lincoln Gem and Mineral Club board meeting was held at the home of Larry Bigley with all board members present and Larry & Marita Bigley and Don Carter on June 2, 1977.

President John Harrison, Jr. called the meeting to order with reading of the minutes of the May meeting. They were approved as read.

Treasurers report approved as read.

Bill for \$39.12 from Larry Bigley for the Original plague. Motion Virginia Green to pay this bill and others as read, seconded Jim Marburger. Carried.

President John Harrison, Jr. had board members sign card to send to Frances Tracy in sympathy for the loss of Maurice.

A discussipn about Maurice. Howard Taylor suggests to drape the charter at the September general meeting and have a few minutes of silent prayer.

Evelyn Ulrich reports Flossie is addressing labds for the 1978 show. She paid for them herself.

We received a 300% certificate sticker for scholarship fund.

Discussion on Pick & Shovel for July and about mailing postcards to notify members of picnic, etc. Motion Virginia Green and seconded Evelyn Ulrich to pay postage for postcards or whatever for Presidents field trip etc. Carried.

President, John Harrison, Jr. read information and form on Lb310, to put the bottle repeal on the 1978 ballot. Motion Howard Taylor we do not fill out the application. If they need our help, NRL can ask, seconded Jim Marburger. Carried.

No report from case committee.

Meeting adjourned.

Nelda Oliver, Secretary

SPECIAL BOARD MEETING, JUNE 26, 1977

With 5 board members present, at the shelter house in Bethany Park. We discussed the new Antelope Shelter for meetings. Motion Howard Taylor we put in Reservation for 1978 at Antelope, seconded Jim Marburger. This is for 12 months and second Sat for December. Carried.

A discussion on a memorial for Mrs Leona Daul.

The roads dept donated \$34.00 to our club as a memorial fo Mrs Daul. It was suggested we put it in a memorial fund in Mrs Daul's name with a possible purchase of a 16mm projector at a later date. Oter suggestions later.

Our NAESOCI delegate to Kearney September 10-12 are: Howard Taylor, Ray Lambert, Jim Marburger and Joella Olson.

Meeting adjourned

Nelda Oliver, Secretary

IN

MEMORIAL

Marie J. Carveth

We have lost our Vaya Con Dios Lady. No longer will her gay little lantern announce the get-well wishes and the messages of sympathy sent by our club to its members.

She will be especially missed by the Pick and Shovel staff for whom she wrote many fine articles in her own artistic style. She shared many of her treasured clippings with us that she felt would be inspirational to the readers of our bulletin.

She served the Club faithfully during her entire membership. She was president of the club in 1963. She was always ready to lend a helping hand when a need for her artistic arrangements arose.

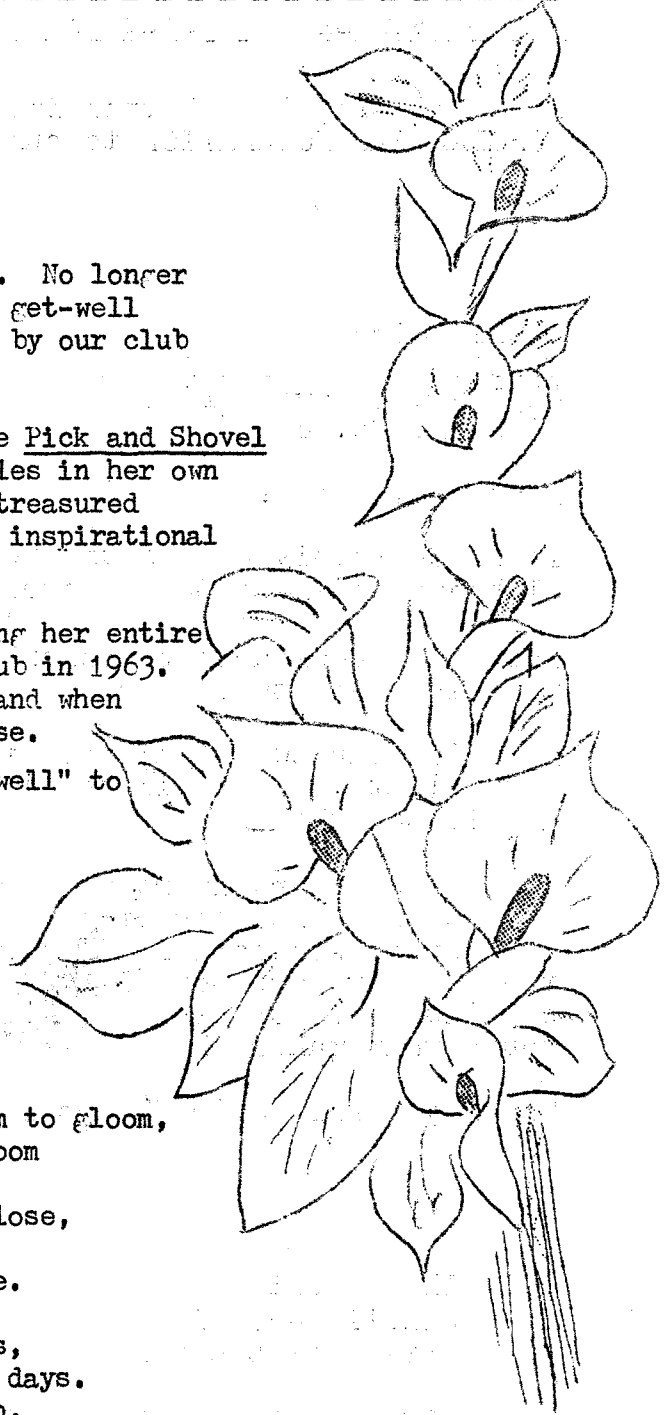
It is with sorrow that we say "Farewell" to our Vaya Con Dios Lady.

AT PARTING

No more from light to light, from gloom to gloom,
Shall you grow up about me, making bloom
Each individual moment like a rose.
From morning to the quiet evening's close,
From dusk unto the coming of the sun,
I feel the hours grow empty one by one.

And yet in spite of our diverging ways,
You have a place in all my nights and days.
The lonely dusk, enchanted by the moon,
Shall sing you to me with a quiet tune.
When skies grow soft and blue in after days,
Then shall I feel your pure, calm, searching gaze.
And ever when the Green World wakes in dew,
It shall be fragrant with the soul of you.
So Night shall be my servant, and the Day
Shall conjure back that which has passed away;
That ever luring and elusive thing--
A song that I conceived, but could not sing;
A dream I dreamed but, waking, could not live;
Sweet wine for which my goblet was a sieve!

From Lyric and Dramatic Poems of John C. Neihardt



The following is a letter from Glenn Lee, President of the AFMS SCHOLARSHIP FOUNDATION to our Club treasurer, Joella Olson:

704 SW 31st
Pendleton, Ore..97801
May 4, 1977

Joella Olson
LINCOLN GEM & MINERAL CLUB
4831 South Haven Drive
Lincoln, Ne. 68516

Dear Mrs. Olson:

It is certainly a pleasure to learn from Ellis Courter that your Club has achieved 300% status in your support of the Foundation!

This is a real accomplishment, and I send you and all your members the sincerest thanks and appreciation of the Foundation.

Here is your 300% Seal for attachment to your 100 percenter Certificate. You will be mighty proud, and properly so, when people see this.

The six Honorary Award winners for 1977 have been chosen and are completing selection of the schools and students who will receive the actual scholarship grants. As you are probably already aware, these grants are now \$1,000.00 per student each year. It is the continued support the Foundation receives from Clubs such as yours that makes these grants possible.

Thank you all again for your wonderful help.

Sincerely yours,
Glenn Lee, President
AFMS SCHOLARSHIP FOUNDATION

cc: Ellis Courter
Russell MacFall
Katie Steinbrenner

P.S. Dorothy sends her best to all your members who made the 1974 Show so enjoyable for her. We rushed home from your show for the birth of our first granddaughter on June 20, 1974 and our third granddaughter was born just last Sunday. -- That makes one for each of our daughters.

With turquoise on the wane, and shell hishi almost passe, what's next? Ivory, fire agate, malachite, rhodochrosite, tourmaline, and aquamarine are currently very popular. Which one will make it big?

Notes from Norma



Once again September and back to routine. Vacations are over (mostly) and field tripping slowing down. I hope yours has been a pleasant time.

Yours truly will try to keep up with some of you all of the time and all of you some of the time, and to help me fill a column for each bulletin I hope you will call me with your bit of news.

First of all...Congratulations to Evelyn Ulrich, faithful editor of The Pick & Shovel. Again she rated in the Top Ten of the Midwest Federation Bulletin contest. Your efforts and devotion to the job are appreciated and we look forward to more good issues this year.

The Youngs, Myrtle and Julius, journeyed to Oakland, Nebr. to attend a reunion of the descendants of Andrew Young, Sr. who came to Nebraska in 1856. Julius' father, Andrew Young, Jr., was 1½ years old when they came from Columbus, Ohio in a covered wagon. As of August 29 Myrtle and Julius are on a 10 day trip to Rapid City, SD. to attend a reunion of Myrtle's family - all Rockhounds. (I imagine they will do some hunting).

Flossie and Glen Litzenberg get around a lot but also have their problems...last March it was gall bladder surgery for Flossie. In June they took the ditch to avoid a head-on collision and really shook up Flossie, hurt the car and ruined a fence. To hear Flossie tell it, it sounds funny but I'm sure it wasn't. Now Glen has the gout and has been getting around on Flossie's crutches. In the meantime Flossie has qualified for the title of "Good Life Gardener" and answered the phone on channel 12 TV program of "Backyard Farmer" giving 30 hours of her time. Next it is the Garden Club state convention September 7th. In addition she does the stencil typing for the Pick & Shovel and generally keeps out of trouble (usually).

LGMC suffered the loss of three members this past summer. Bob Daul's wife died suddenly on their return trip from Colorado. Comparatively new members they were giving of time and effort and the hobby was a joy to her. Our condolences to you, Bob.

Maurice Tracy, past president, lapidary instructor, and staunch supporter of LGMC passed away after a long illness. He was a true lapidary and taught many people the skills of the art. Our deep sympathy and kind thoughts to you Frances in your bereavement.

Our heartfelt sympathy also goes to long-time member, Virgil Carveth, in the loss of his wife, Marie, who was a long-time member and Past-President. In addition Marie was very active in other ways and her displays of beautiful Carveth Creations will be missed at our shows.

Nelda Oliver and Frank Rule are members of the Goals & Planning Commission and last month, along with Dr. Paulson, attended the meeting considering the Recreational Vehicle Park Ordinance. This subject is quite controversial and the attendance overflowed into the Council chambers. If you are interested in what's happening and/or in helping in this area, get in touch with Frank or Nelda.... They will appreciate it.

Notes from Norma - continued

Florence Boring visited her son in San Francisco this summer, and attended the ceremonies of the John Heihardt Center in Bancroft last month. She has a camper now and is doing some extra "tripping" and enjoying the out-of-doors.

I understand Phyllis and Jim Parks had a visit from family back east...we hope you had a good time.

Congratulations to Jim and Chris Oliver who were married in Lincoln this summer and are living in Milford where Jim is attending school and Chris is at work in a nursing home. It was a lovely wedding and all our good wishes are extended.

Want to see your name in print? Give me a jingle before the 25th of each month and we'll get it in the bulletin. See you next month.

Norma

Past Midwest President Stricken

Bernard F. (Barney) Parr, Mansfield, Ohio, died Friday, May 6, 1977 at his home

Barney was born August 24, 1907, in Illinois and moved to Mansfield in 1933 from Maine. He was a retired small appliance engineer for the Westinghouse Electric Corp.

He was a member of the American Institute of Electrical Engineers, the YMCA board and Indian Guides. Barney was past president of the Midwest Federation of Geological and Mineralogical Society and also past president of the Richard Lithic and Lapidary Society. He was also a member of the Mandera Scholarship fund from 1968 to 1972.

Via The American Federation Newsletter

U.S. Geological Survey geologist report that they have found a rich deposit of apatite about 40 miles northwest of Marquette, Michigan. Apatite, a phosphate mineral, is a major raw material in fertilizer production. This is a potentially valuable discovery. Much more testing is necessary to determine whether the two billion year old rocks will yield quantities sufficient to make the project economically feasible. So far, tests are quite promising.

Currently, the reserves in North Carolina, Florida, and some western states are actually sufficient to meet domestic needs for many years. The mineral is very bulky and thus transportation is very expensive. If the Michigan deposits prove sufficiently rich to make mining them profitable, midwestern farmers would benefit. So would the economy of the Upper Peninsula.

From The Crystal Gazer via AFMS Newsletter

1977 Neihardt Day - Bancroft, Nebraska

By J.D. Young

"Endurance is the great virtue in expressing courage", said poet John Neihardt. An appropriate theme for this July 7 program was "Endurance", and few people possess more of it than did the poet himself. His intense 92 plus years proved his statement in physical, mental and moral aspects of life.

Loyal admirers from many states came for this 12th annual event, by Governor's Proclamation to be on the first Sunday in August. The day was perfect, and the flower studded grounds resplendent. Here are three points of interest, the new round-style Memorial Hall building, the restored little study used by the poet in the early 1900's, and the living Prayer Garden with its Hoop of the World surrounding the Tree of Life in the Indian tradition. Large paintings, on temporary loan, were displayed in the main building. They included Indian subjects from the State Historical Society, and from a rare Western Art collection owned by Dr. Christlieb of Omaha.

Visitors enjoyed the memorabilia in the buildings. Our State Historical Society and the Bancroft Neihardt Foundation have ably arranged attractive, informative exhibits. The grounds were never more beautiful.

The afternoon program with Tom Allan, World-Herald Roving Reporter, as Master of Ceremonies had many features. An impressive new entrance lintel and a large descriptive marker-plaque by the State Historical Society were dedicated. Dr. Phillip Heckman, Doane College President, recited from Neihardt's world-famous Black Elk Speaks, now printed in 10 foreign languages and dramatized in metropolitan stage plays.

Probably the most significant part of the program was given by Black Elk's daughter, Lucy Looks Twice, from Manderson near Tragic Wounded Knee, South Dakota, and by one of Neihardt's three daughters, Hilda Petri, from Columbia, Missouri. Together, they mounted the platform and recited Black Elk's prayer for all peoples in Lakota Sioux and in English, as cameras and recorders functioned. That solemn occasion was featured next day in a World-Herald front page article by Tom Allan, followed the second day by a large news picture. Also in attendance at Bancroft was Lucy's daughter, Norma Sada, a skilled Indian beadwork artist.

Some people visited the Bancroft cemetery, where important Omaha Indians are buried. Also, Chet Marshall, "The Kid" is there. He was the only adventurer game enough to stay with Neihardt in his 1908 open boat trip down the Missouri River from Ft. Benton, Montana to Sioux City, Iowa. Neihardt describes this in his book, The River and I. The teenager survived the daring journey, and then was struck and killed by a car a few years later.

The long-awaited definitive biography of John G. Neihardt, recently printed in Holland, was available at the Neihardt Center, and the biographer, Dr. Lucile Aly, University of Oregon, Eugene was there to give her autograph. She had been a student of the poet at the University of Missouri, Columbia, and had worked

1977 Neihardt Day - Bancroft, Nebraska continued

diligently for about 20 years on this great work. Dr. Neihardt's Autobiography, Volume II, interrupted by death, is to be published soon.

The first annual conference on Mid-western Culture, relating to Neihardt and Indian subjects, was held at Wayne State College on Saturday before the Bancroft program. Persons from several states, including Indians, participated. Future activities will be planned jointly by Wayne and Bancroft organizations.

At Wayne, Neihardt, as a raw youth, earned his expenses while attending the old Nebraska Normal College by ringing the campus bell at prescribed times each day. He was only about 15 years old but he yearned for knowledge, and the faculty gave him "free rein", and wondered how to keep up with him.

The old building with its remote bell tower is gone, but the historic bell is now mounted low on the campus, now known as Wayne State College. People are proud of the famous teen-ager who skipped his own College Commencement because he lacked the \$4.00 fee for his diploma. He died November 3, 1973, having been awarded 4 honorary doctorates, and world-wide honors.

Endurance? Yes--and ability!

J. D. Y.

The Eastern Area Flower Show Judges' Council of which I am Chairman, held our annual picnic in Bancroft May 16, 1977. A garden Club member of Bancroft met us for lunch in the Park. After our early lunch she had us tour four local flower gardens. We arrived at the Neihardt Culture Center at 1:30 P.M. to meet the guide there. She explained the different colors that were planted in the Prayer Garden around The Tree of Life. We visited the little "study", then went into the Memorial building. The curator showed us slides in the audio-visual room of events in the life of John Neihardt. From there we walked down the corridor of rainbow colors to the main circular room with sun-shining down from the skylight on the beautiful cycad with the mobil of fluttering cottonwood leaves above. It was a very impressive sight. Around the room were many artifacts relating to John Neihardt. We went to the library reading room where the Curator gave us a talk about Neihardt. A bust of him was in this room created by his wife, Mona. The plantings outside the building were colorful and attractive.

Before we left Bancroft we visited a quilt show in the basement of a church and the oldfashioned general store uptown. All in all it was a very enjoyable trip.

Contributed by Flossie Litzenberg

WYOMING FIELD TRIP

A letter from Daniel Mount, Wyoming field trip wagonmaster, to LGMC members follows:

Dear Sirs and Madams:

Here is the report on that Wyoming field trip from May 28 to the evening of June 4th-seven days and eleven hundred miles.

We left Scottsbluff at 7:15. We stopped at Guernsey, Wyo. for another couple to get in line. Next stop was at Douglas to gas up. We did not have any head winds this trip. The next stop was at Alcova to eat lunch and view the Rock and Gem Museum for an hour and twenty minutes-then on to Independence Rock for ten minutes, where the 49ers carved the names on that stone monument, then on to the brown agatized wood north of Muddy Gap where they all got what wood they wanted which was easy.

There were 17 of us on the trip. We toured Hap Vondrasek's Jade Shop at Muddy Gap. He has tons of Jade of all colors. As Em Kepler, one of our Club members, said, "It's a sin for one man to have that much jade!" That Saturday evening we went out to the Sweetwater beds to camp for two nights-out in the sage. We all had camp trailers or pickup campers. We dug Sweetwater agates and gathered agates and moonstones all day Sunday. There were a lot of other people there also.

Sunday morning the antelope were looking us over. We had frost and icicles on our vehicles both mornings that we were there.

Monday morning we went to Sweetwater Station, twenty miles west of Jeffery City. We turned one mile east of Sweetwater Station and went four miles south to gather agates-but not too many agates. Edward Musfelt of Rushville found a nice arrow along the ridge up from the creek where Indians had camped hundreds of years ago-and a beautiful piece of jade that was pure green was found by a couple's little grandson eight years old.

From there we went on to the Oregon Buttes, ten miles south of South Pass City for wood and algae which we got. Monday evening we got into Farson, Wyoming, where we camped for three nights. Tuesday we dug fossil fish and palm wood and did well on each. Wednesday we went to the Blue Forest and dug out of the sand agatized tree trunks that had blue agate cores. We also gathered some beautiful limb casts that were agatized.

Thursday morning we went on to Wamsutter, Wyoming to get turritella agate, a snail fossil stone. We collected a lot of that with a lot of fish egg and oolite algae, which will polish beautifully. While out there we met a couple from New York state and we traded gems and rocks for some of their

WYOMING FIELD TRIP continued

crystals and Herkimer diamonds, pyrite nodules and spar dolomite.

Friday morning we headed home. Several of the group had cameras and a lot of pictures were taken. We had a wonderful time on the trip-the weather was nice, we had no mishaps-it was a fun time for all of us. Seven days went by so fast! I took over 30 pictures on color slides, and the others took a lot of pictures, also.

What happened to some of the Lincoln Club who were going to go along? Nelda Oliver wrote me and said they were coming, but no one showed up.

Hoping to go on a trip next year in the latter part of May that will take us seven days and 1100 or 1200 miles in Wyoming. This time we will go west and along the north border and back by Newcastle, Wyoming. into the Wiggins Fork area, Dubois, and Dryhead country, and places in between. If any of you want to go on that trip, get ready for it. I will have some experienced guides going along who have been there before and who know where the good stuff is.

As ever,
Daniel Mount

Our thanks to Mr. Mount for this very interesting account of the Wyoming field trip. It must have been a lot of fun as well as being very profitable. The trip for next year sounds great!

Editor

A ROCKHOUND'S HAPPINESS - W.J. Blake, Burns, Ore.

Being in the wide open spaces to hear and see the quietness and beauty of nature;

To breathe the pure air with aroma of sage and juniper.

To feel the isolation of being completely distant from the smog and noises of the city.

To see occasionally the silent movement of the animals of nature and watch the almost effortless flight of the golden eagle as he soars and dips in his relentless search for food.

To sip the coffee and taste the food that were never equalled in the dining room.

To find a stone, or maybe two or more, that may polish into beautiful gems to be forever cherished as momentos of the day.

To gaze beyond the normal reach of vision into the far distant world of hill and glen, a world created for all of us, but millions have never really seen.

Ghosts of the Ancient Forest - By J.D. Young

"What sibilation of conspiracies
Ruffles the hush - or murmuring trees,
Ghosts of the ancient forest - or old rain?"

-The Song of Hugh Glass, by Neihardt

How ancient was that forest mentioned poetically by John Neihardt in the Song of Hugh Glass, p.179? What life was in it? Scientists estimate its antiquity - give or take a few million years. Obviously there was multiplicity and orderly evolution of life.

The ancestors of modern flora and fauna must have lived in this primitive Eden. Among them were true cycads of the order Cycadales, and some of the order Cycadeoidales. The term "Cycad" is used rather indiscriminately. Even after some study I am not an authority on the subject.

LGMC members are becoming cycad-conscious due to our contribution to the Memorial Hall display at the Neihardt Cultural Center at Bancroft, Nebraska. This is a National Historic Site now administered by our State Historical Society and the local Neihardt Foundation. This 700 lb. fossil cycad located in the geometric center of the sky lighted circular room symbolizes the eternal Tree Of Life and is drawing increased visitor interest. It was found in the Hugh Glass country and transported to Bancroft by Dr. L.A. Deitrick of Bison, South Dakota and donated by our Lincoln Gem and Mineral Club, honoring Dr. John Neihardt, our late honorary member, whose major hobby was lapidary and fine gemstones.

With such things as cycads, Fairburn agates, and other rockhound bounty in mind, Myrtle and I were travel guests of Club member, Florence Boring, during the last 10 days of June 1977. She drove her car with Apache trailer to the Dakotas. We had made a similar trip in our Rambler Wagon in 1974, and we joined the President's Field Trip at Crawford. At that time Florence, a science teacher and aviatrix, brought home a weathered mountain sheep skull, infested with an incubating hornet colony. They had time-lapse emergence, and they filed no flight plan. Their periodic buzzing reminded us of our National Show rattler episode.

This year's "safari", excepting some hot days, was near perfect. Florence collected no skulls - only a little horned toad, and he escaped! Our first night, at a relative's ranch on Bone Creek near Long Pine, was when our trailer weathered the only severe thunderstorm. The ranchers were happy, but we disliked the rain-slick steep canyon walls leading down to fossil-rich Bone Creek. Florence wore rubber boots, while Myrtle and I wore plastic bags held by twine. Our "take" was fossil bones and black wood, some jasper and artifacts.

At Wasta, South Dakota our camp was dry and hot. We were permitted to search an extensive series of graded gravel dumps. We knew that Fairburns, prairie agates, jasper and petrified wood fragments were in those acres of Cheyenne River "tumblings". Several years

"Ghosts of the Ancient Forest" continued

ago that stream yielded my colorful 10 plus lb. fortification agate which I have exhibited in a large fish bowl.

Before leaving Wasta campground, we discarded much of our "leaver-ite" to conserve car space for future potential. Those were soon garnered by eager, less experienced Easterners not yet "Fairburned". In time they may learn to sunburn the backs of their necks and to apply a moist tongue - or carry a small "squirt bottle".

Near Bison, South Dakota, at the attractive ranch of our cycad-expert friends, Dr. and Mrs L.A. Deitrick, we enjoyed indoor sleeping and gourmet meals. They, and a married son's family next door, are ideal hosts. Steep climbs in 4-wheel-drive vehicles were part of the program. The house is equipped with every modern device, even a trash compactor in the kitchen. Among other love-lies in the living room was a full-sized electronic organ and an antique player-piano expertly restored by Dr. Deitrick, with a "mountain" of music rolls beside it.

An orderly work-hobby room, replete with power and hand-craft tools and their products, showed the owner's skill and ingenuity in a variety of activities. In the basement he has re-established professional treatment rooms, formerly in Bison. His devoted patients do not want him to retire.

A Landrover trip to the cycad fields, over the line in North Dakota, delighted us with countless giant fossils, many still "in situ", too big to be easily moved. Most of the hilly terrain is grazing land, with some cultivation. Ranches of under 3,000 acres might seem to be more "back-yard-farming".

We had a nostalgic experience when we were taken to the Hugh Glass Park near the Shadehill Reservoir and Recreation Area above the Grand River (South Dakota) forks. Here in 1923, with Dr. Neihardt, the poet, Myrtle and I participated in the ceremonies following the original Hugh Glass Monument's erection. At that time the region was quite primitive. In 1964 a fine historic marker in a base of local petrified wood was added by Historical Societies.

Our return home via Crawford, Nebraska netted two small Fairburns and some "nearburns". Sagging car and trailer springs were so very evident, and part of the loot was pieces of "cycads" - or Cycadeoids. (We plan to return.)

J. D. Y.

ALL AMERICAN FEDERATION CLUB AWARDS

Nebraska Clubs receiving the all American Federation Club Awards:

Grand Island Earth Science Society, Grand Island; Loup Valley Gem and Mineral Society, Monroe; Lincoln Gem and Mineral Club, Lincoln; Central Nebraska Rock and Mineral Society, Hastings.

HANDY HINTS

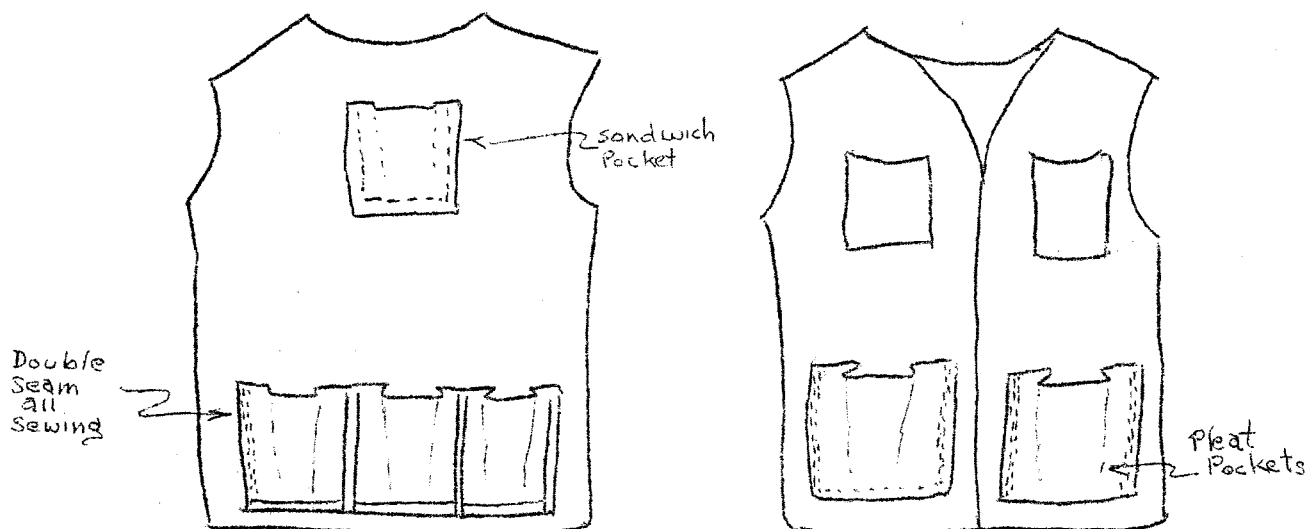
MAKING A PROSPECTOR'S JACKET

A prospector's jacket is great to use in the field collecting. You can carry as many stones in the pockets as in a bucket, and they are much easier to handle since they can be evenly distributed. Also, it will leave your hands free.

Purchase a vest pattern to use as a guide. The jacket should be made from a fairly heavy material or lightweight canvas..

Make the arm holes nice and big. . .cool in summer, and room enough for a jacket in the winter.

Be sure to double stitch all seams, especially the pockets.



ON THE FRONT...Place two pockets on the breast section of the vest. These are for "special" specimens, and should not be pleated, as they would be too full, and the stones would fall out when you stoop.

Sew two pockets near the tail of the front vest. These should be pleated to give them fulness. They will hold more rock this way.

ON THE BACK...Cut a long pocket, $1\frac{1}{2}$ times the width of the back section of the vest. Divide it into three sections. (Be sure to double stitch.) Make a double pleat in each section.

Place a pocket in the middle of the back of the vest, near the neck. This is for a sandwich, cookies, etc. This pocket can also be pleated to give more room for goodies.

Face front and neck. Sew shoulder seams. Face arm holes. Sew side seams, leaving a split on each side. Hem

Use it once, and you'll never be without one! This jacket was made years ago, and credit goes to Evanell Simpson!

Via Pick and Chisel

A Rockhound's Lament

I think that there shall never be
An ignoramus just like me,

Who roams the hills throughout the day
To pick up rocks that do not pay.

For this one thing I've been told
I take the rocks and leave the gold.

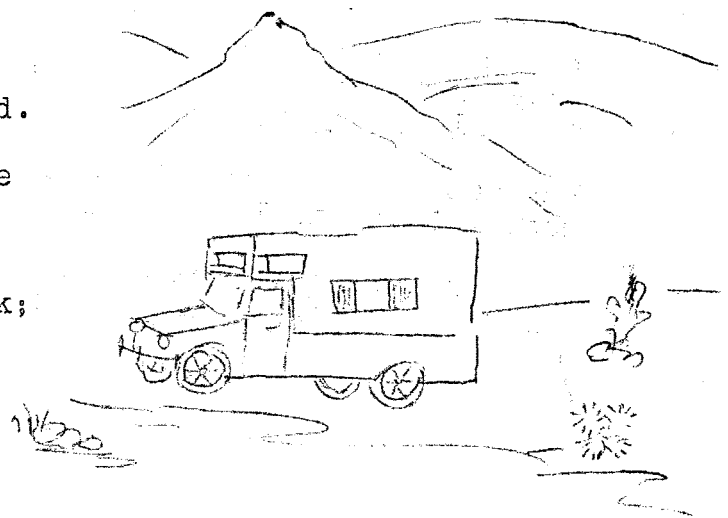
O'er deserts wild or mountains blue
I search for rocks of varied hue.

A hundred pounds or more I pack
With blistered feet and aching back;

And after this is said and done,
I cannot name a single one!

I pick up rocks where e'er I go,
The reason why I do not know.

Rocks are found by fools like me
Where God intended them to be.



-Anonymus (Contributed by Flossie Litzenberg)

A new concept in cement called "Poxy Twist" is being introduced to the jewelry and hobby craft by B. Jadow & Sons Inc. 53 West 23rd St. New York, N.Y. 10010. This cement is a dry two-colored ribbon, one half yellow and one half blue. When twisted together and kneaded it turns green and is then ready for use. The exact amount can be cut and used to repair and make most any item. Also, it works perfectly well under water and sets in two hours. The material is nonvolatile and non toxic. It comes in 14" strips which weigh 1.4 oz. Stock number CE-445.

Burro Express via Tule Smoke Signals

They arrived at the airport loaded with luggage, most of it hers..
"I wish", said the husband, "we'd brought the piano, too."

"You needn't get sarcastic", was the reply.

"Who's sarcastic?" he answered-"that's where I left the tickets."

Hi Lines from Off the Circuit via Solano Chieftain

Junior Page

Juniors, here is a puzzle that should keep you busy. Can you find 61 words related to our hobby? It is from the Geode and Tulip City Conglomerate via Chips and Facets.

An Easy-Chair Rock Hunt

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

Youngster: "Hey, Mom-you know that old vase you said had been handed down from generation to generation?"

Mother: "Yes-what about it?"

Youngster: "Well, this generation just dropped it."

Try saying this one fast:

"Rubber baby-buggy bumpers"

How about a write-up of some of your summer activities for the October bulletin?

If you find some good puzzles, informative material, jokes, or anything you think would be good for this page, why not send it to your editor? This would be greatly appreciated, and you would be doing your bit to have an interesting Junior Page.

Safety Page

Grinding wheels are made of bonded abrasive, and should be visually inspected for damages when unpacked. It should then be given a "ring" test (using caution while performing the test). The wheel should be suspended from its hole on a pin or finger. Tap the wheel GENTLY with a wood screwdriver handle at a point 45 degrees from the vertical centerline, approximately 1" to 2" from the periphery. A wheel in good condition will give a clear metallic "ping" when tapped. A cracked or damaged wheel will have a dead sound when tapped. It should not be used! The National Safety Council's Accident Prevention Manual for Industrial Operations lists the following causes for personal injury involving abrasive wheels and discs applied to lapidary work:

1. Failure to use eye protection.
2. Holding work incorrectly.
3. Incorrect adjustment of work rest (the clearance should not exceed one-eighth inch.
4. Using wrong type of wheel or disc or a poorly maintained or imbalanced one.
5. Grinding on the side of the wheel.
6. Taking too heavy a cut.
7. Applying work too quickly to a cold wheel or disc.
8. Grinding too high above the center of the wheel.
9. Failure to use wheel washers (blotters).
10. Vibration and excessive speed which leads to bursting of wheel or disc.
11. Installing flanges of the wrong size, with unequal diameters, or unrelieved centers.
12. Incorrect dressing of the wheel.
13. Contacting unguarded moving parts.
14. Using controls that are out of operator's reach.

Try not to use hydrochloric acid to clean minerals unless you are experienced with it. Full strength vinegar (acetic acid) is better and is safe-and it's slower. If you must use hydrochloric acid, use it with care and lots of ventilation. As you neutralize it by pouring it into Soda water, do it very slowly, or the gas will cause it to bubble and froth violently; it will overflow the bucket, most likely over your legs and feet, with burns resulting. When using any strong acid, you are in danger of burns to skin and clothing. If this happens, immediately apply a paste of baking soda and water to the burn and rinse with lots of water. If you are working with acids, it's best to have the baking soda nearby in case you need it. Don't clean marcasite or pyrite (or any other sulfide) with hydrochloric acid-a poisonous hydrogen sulfide gas is given out and you will etch the specimen and ruin it! Oxalic acid is often recommended as a rust remover and a mild bleach. It is a violent poison, affecting the kidneys. It should not be used by amateurs or anyone with kidney problems.

Both articles are taken from Geode Newsletter.

Carl A. Baughman, Editor

Midwest Federations NEWSLETTER



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

September 1977 - Issue No. 177

Dayton show a success story

If you want to know if a rock and mineral show has been a success just ask the show chairman. They will always confirm that it was and T. T. (Ted) Cadeau, chairman of the 1977 Midwest Federation show and convention held in Dayton, Ohio last July 21-24 answered the question as expected . . . "it was a success." But Ted could back up his statement, it really was a success, in it's presentation and will probably wind up a financial one when all the money is counted.

The Convention Center was a spacious place with plenty of room for all the displays and dealer booths. There were escalators to take you from the main to upper floor meeting rooms. Ted said it would be air conditioned, and Ted was right, the system really kept it cool in the huge display area and the meeting rooms. Executive meeting room was ample for Friday's meeting and the Council meeting on Saturday was held in the auditorium that was really a little theatre with plush theatre seating and a sloping floor to the stage where the officers sat at a table. And for once PA systems that worked, a far cry from some of those that need some fiddling with after the meeting starts and then never completely does the job. With microphones in both aisles and on the table on the stage everyone could be heard.

"The Hall of States" in the walkway between the Stouffer's Plaza Hotel and the Convention Center was impressive and very interesting and showed much planning as did everything connected with the show and convention.

The Editor's Breakfast, Friday morning, the noon luncheon for the Council members on Saturday, and the Saturday evening banquet were all well executed and well attended. Various awards and certificates were presented at the Editor's Breakfast and the banquet. (Many of these awards are listed in this issue of the Newsletter, others will be printed in future issues.)

The dealer booths contained a wide variety of material and machinery and there were many working demonstrations. A cafeteria adjoined the display floor with other snack bars about the building.

The camping area was the Montgomery County Fairgrounds about a mile from the Convention Center. The Dayton Club furnished free chartered bus service to transport the campers to and from the show. The bus service was very ample and ran about every 15 minutes throughout the entire show.

Those who missed this show missed a really fine one. Ted and his committee can be justly proud of this show and convention and when he told us it was going to be a really good one he was really right!
by Haydon Peterson

Welcome new memberships

Miami Valley Junior Rockhound Society
(Junior Club)
Diana R. Dearth, President
56 W. Main St., Phillipsburg, Ohio 45354
Sponsor: Keith B. Singerman
8805 S.R. 202,
Tipp City, Ohio 45371

INDIVIDUAL MEMBERSHIPS

Mr. Leonard J. Marhut
30 N. Albert Street
Mt. Prospect, Illinois 60056

Fausto Mario Sangalli
25 Shasta Drive
Thornhill, Ontario, Canada L4J 1Z7

John Arthur Wishart
3 Mark St.
Toronto, Ontario, Canada M5A 1Z3

FALL EXECUTIVE MEETING

The fall meeting of the MWF Executive Committee will be on Saturday, October 22 in Joliet, Illinois. Newly elected officers at Dayton, Ohio for 1978 will be installed. Complete details will be sent to all members by the Secretary, Jean Reynolds.

LAST REGIONAL SHOW IN HOUSTON

The last 1977 Regional Show will be in Houston, Texas September 9-11. The South Central Federation will be hosted by the Houston Gem & Mineral Society. Show site will be the Shamrock Hilton. If you have not attended a regional show this year, this will be your opportunity to attend one.

DON'T BE A LITTERBUG!

1976 BULLETIN EDITOR'S CONTEST WINNERS ANNOUNCED IN DAYTON

MINI-BULLETIN CONTEST: 1st) "The Conglomerate", Editor—Walter Johnston, Blue Grass Rock Club, Kentucky; 2nd) "Flint Flashes", Editor—Helen Smith, Licking County Rock and Mineral Society, Ohio; 3rd) "The News", Editor—Elsie Popejoy, Corn Belt Lapidary and Geological Society, Illinois.

SMALL BULLETIN CONTEST: Special Award—Best Bulletin (2) years in a row, "The Rockfinder", Editor—Fred Niebauer, Michiana Rock and Gem Club, Inc., Indiana. 1st) "Lakota Pebbles", Editor—Eleanor Milbrandt, Lakota Glacier Rock Club, South Dakota; 2nd) "Pebble Prattle", Editor—Cliff Backstrom, White River Gem Society, Indiana; 3rd) "The Tumbler", Editor—Thelma Pyatt, 500 Earth Science Club, Indiana.

LARGE BULLETIN CONTEST: Judges Award—One Bulletin Selected from all entered for this award, "Crystal Cluster", Editor—Barbara Brandt, Des Plaines Valley Geological Society, Illinois. 1st) "Pebble Pusher", Editor—Mary Boland, Coulee Rock Club, Inc., Wisconsin; 2nd) "The Geode", Editor—Willis D. Smith, McDonnell Douglas Gem and Mineral Society, Missouri; 3rd) "The Sandscript", Editor—Marilyn McFadden, Duneland Rock Club, Inc., Indiana; 4th) "Flint Chips", Editor—Peg Crow, West Central Ohio Rock Club, Inc., Ohio; 5th) "Pick and Shovel", Editor—Evelyn Ulrich, Lincoln Gem and Mineral Club, Nebraska; 6th) "S.I.E.S.", Editor—Diane Dare, Southern Illinois Earth Science Club, Illinois; 7th) "The Pyriter", Editor—Lyle Voas, Dallas County Rock Club, Inc., Iowa; 8th) "The Tribolite", Editor—Bob Hopwood, Wisconsin Geological Society, Wisconsin; 9th) "The Tully", Editor—Betty Myers, Park Forest Earth Science Club, Illinois; 10th) "The Exchangite", Editor—Leona Vojcek, Rock Exchange Club, Michigan.

MIDWEST FEDERATION ALL AMERICAN AND MERIT AWARD WINNERS

June Zeitner, Merit Award Chairman announced at Dayton the Midwest Federation All American Clubs and the Merit Award Clubs. Judges, all from the Detroit area were Mr. & Mrs. Lee Kirby, Mr. & Mrs. Melvin Berry, Mr. & Mrs. Art Meinert, and Mr. & Mrs. Russell Reiman. 96 clubs entered, and 15 clubs won trophies. Michigan and Illinois tied for the most winners with three each. South Dakota had the highest percentage of entries with 10 out of 12 clubs. All entrants received certificates of participation, and the following clubs were awarded trophies. The participation certificates will be listed later.

AFMS ALL AMERICAN: Central Michigan Lapidary and Mineral Society, Lansing; Central Nebraska Rock and Mineral Society, Grand Island; Duneland Rock Club, Griffith, Indiana; Earth Science Club of Northern Illinois, Downers Grove; Michigan Gem and Mineral Society, Jackson; and Boehm Geology Club, Berea, Ohio.

MIDWEST MERIT AWARDS: Central Michigan Lapidary and Mineral Society; Central Nebraska Rock and Mineral Society; Des Plaines Valley Geological Society (Illinois); Duneland Rock Club; Earth Science Club of Northern Illinois; Kalamazoo Geological and Mineral Society, Michigan; Michigan Gem and Mineral Society, Jackson; Minnesota Mineral Club, Minneapolis; Heart of Wisconsin Gem and Mineral Society, Wisconsin Rapids.

SPECIAL MERIT TROPHIES: Boehm Geology Club;

BERNARD PARR STRICKEN

Bernard F. (Barney) Parr, Mansfield, Ohio, died Friday, May 6, 1977, at his home.

Barney was born August 24, 1907, in Illinois and moved to Mansfield in 1933 from Maine. He was a retired small appliance engineer for the Westinghouse Electric Corp.

He was a member of the American Institute of Electrical Engineers, the YMCA board and Indian Guides. Barney was past president of the Midwest Federation of Geological and Mineralogical Society and also past president of the Richland Lithic and Lapidary Society. He was also a member of the Manderia Scholarship fund from 1968 to 1972.

Wisconsin Geological Society, Milwaukee; Badlands Sandhills Earth Science Club, Mission, South Dakota.

HONORABLE MENTION AFMS: Des Plaines Valley Geological Society; Heart of Wisconsin Gem and Mineral Society; Kalamazoo Geological and Mineral Society; Lake Erie Gem and Geological Society, Elyria, Ohio; Minnesota Mineral Club, Minneapolis; Muncie Rock and Gem Club, Indiana; Ozark Earth Science Club, Mountain Home, Arkansas; Park Forest Earth Science Club, Illinois; Wisconsin Geological Society, Milwaukee.

DAYTON TROPHY WINNERS

Excellence shown by the 59 competitive exhibits at the Dayton Show produced 26 First Place ribbons, 21 Second Place ribbons, and 5 Third Place ribbons. In addition the following trophy winners were honored at the Awards Banquet:

MINERALS: Carlton M. Davis, Columbus, Ohio - Columbus Rock and Mineral Society.

MINERALS, JR. GROUP: Karen Sharp, Berea, Ohio - Boehm Geology Club.

LAPIDARY: Thomas and Anna Gibala, Livonia, Michigan - Midwest Mineralogical and Lapidary Society of Dearborn, Michigan.

CABACHONS: Donald M. Bates, Cedar Rapids, Iowa - Cedar Valley Rock and Mineral Society

SPECIALIZED LAPIDARY: Raymond A. Karr, Warren, Ohio - East Ohio Lapidary Club.

FACETED GEM STONES: Donald E. Dunn, Dayton, Ohio - Dayton Gem and Mineral Society.

FOSSILS: Joseph Koniecki, Detroit, Michigan - Michigan Mineralogical Society.

FOSSILS, JR. GROUP: Carol Downey, Berea, Ohio - Fairview Lapidary.

JEWELRY AND METALCRAFT: Michel P. Rubbens, Chicago Heights, Illinois - Park Forest Earth Science Club.

SOCIETY EXHIBITS: Columbus Rock and Mineral Society, Columbus, Ohio.

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NOTICE - Will remain in Lincoln this winter.

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Red Flame Agate - Mexico
Amethyst Lace - Mexico
Palamino - Oregon
Graveyard Point Plume - Oregon
Imperial Jasper - Mexico
Lace Agate, pink or white - Mexico



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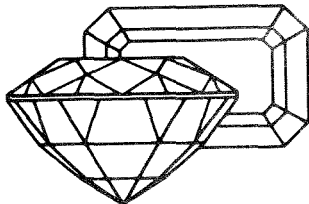
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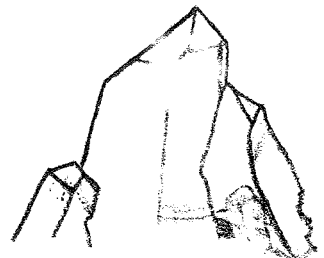
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