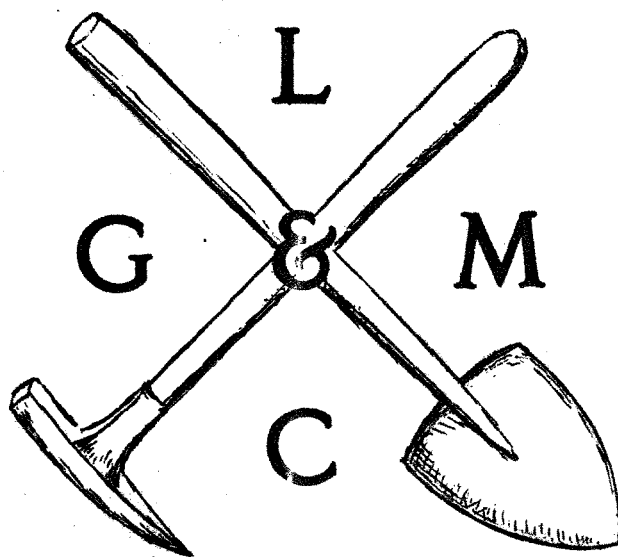


THE PICK & SHOVEL



SEP - 1976

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

Regular Meetings: 4th Saturday of the month, September through May, 7:30 P.M.
1976 - IOOF Hall, 1101 No. 56th St., Lower Level

1976 ELECTED OFFICERS:

President	Larry Bigley	6126 Hartley	Lincoln, 68507	466-0211
1st Vice Pres . .	Flossie Litzenberg	1435 No. 24th St.	Lincoln, 68503	432-5672
2nd Vice Pres . .	Don Carter	1101 Driftwood Dr.	Lincoln, 68510	489-3442
Recording Secy. .	Nelda Oliver	5700 Otoe St.	Lincoln, 68506	489-5222
Treasurer	John Harrison	Hickman, Nebr.	68372	792-3825
Board Member . .	George McGinnis	3444 Somerset Ave.	Lincoln, 68504	466-4878
Board Member . .	Norma Miller	931 Cottonwood Dr.	Lincoln, 68510	489-8840
Board Member . .	Howard Taylor	910 New Hampshire	Lincoln, 68508	432-3707
Board Member . .	Evelyn Ulrich	3521 So. 48th St.	Lincoln, 68506	488-9051

STANDING COMMITTEE CHAIRMEN:

Program	Roger Pabian	Liaison	Phyllis Parks &
Hospitality	Virginia Green		Marita Bigley
Historian	Lois Everett	Refreshments	Bud & Helen Wasser
Librarian	Joella Olson		Edwin & Vivian Johnson
Membership	Marita Bigley	Education	Marie Wells
Field Trips & Safety	Tom Simmons	Scholarship	Florence Boring
Calling Committee & Vaya Con Dios	Marie J. Carveth	Publications	Art Howlett
NAOESCI Reporter	Luella Paul	Housing & Property	Larry Bigley
1976 Show Chairman	Jim Marburger		
1977 Show Chairman	Roger Pabian		

PICK & SHOVEL STAFF:

Editor - Evelyn Ulrich, 3521 So. 48th St., Lincol, NE 68506, Phone 488-9051
Typist - Flossie Litzenberg
Artwork stenciling - Jim Parks
Publisher - Phyllis Parks
Reporters - Club Members

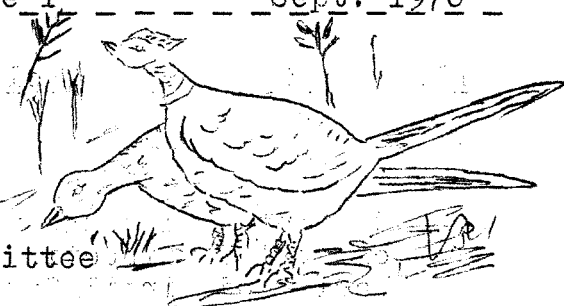
Contributions from members are welcome and needed. Deadline for material is the 1st of the month to be printed. Please send copy to the Editor.

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 x 7 inches of copy. 1/2 page is 5.25, 1/3 page 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.

Regular meeting...Saturday, Sept. 25, 1976,
7:30 P.M. IOOF Hall,
1101 North 56th St.



Program.....Presented by Roger Fabian

Refreshments.....Served by Refreshment Committee

LGMC Board Meeting.Thursday, Oct.7,1976-7:30 P.M.
Home of Flossie Litzenberg,
1435 North 24th St.

Welcome New Member.. Gladys Workman (reinstatement)

Dates to Remember

- Sept. 18-19 Great Bend, Ks. Golden Belt Gem & Min. Soc. Show,
Knights of Columbus Hall.
- Sept. 25-26 Nebraska City, Ne. Arbor Valley Gem & Min. Club Show,
Memorial Bldg. 810 1st Corso.
- Oct. 2-3 Sioux City, Iowa Siouxland Gem & Min. Soc. Show,
K-D Stockyards.
- Oct. 2-3 Topeka, Ks. Topeka Gem & Min. Soc. Inc. Show,
Exposition Center, Mid-America
Fairgrounds.
- Oct. 16-17 Grand Island, Ne. Grand Island Earth Science Soc.
Show, Fonner Park.

1977 Shows

- March 26-27 Lincoln, Ne. Lincoln Gem & Min. Club Show,
State Fairgrounds
- June 17-19 Hebron, Ne. Fort Butler Rock & Gem Club Swap.
- Sept. 3-5 Omaha, Ne. Nebraska Gem & Min. Club Show.
- Sept. 9-11 Kearney, Ne. Fort Kearney Rock Club Open House,
and Nebraska State Show

NOTICE

A silent auction will be held at the Sept. 25th meeting. This is for the benefit of the Scholarship fund. Please bring some of your summer finds to help this very worthy cause.

A pony case will be given as a door prize at the October meeting. It isn't often that a prize of such value is offered, so be sure and circle your calendar for the October 23rd meeting.

July 20-23, 1977, Dayton, Ohio, Midwest Federation of Mineralogical and Geological Societies Show. Hosted by Dayton Gem and Min. Soc. Dayton Convention Center.

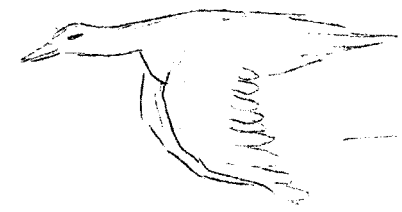
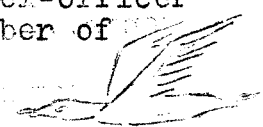
Note - We inadvertantly put the June 1976 Pick & Shovel out with the incorrect volume & issue listed - it should have been Volume 17, Issue 1.

Note - P & S of Jan. '76 carried wrong address for G. Lyman. 1976 Who's Who lists correct address.

THE WILD GOOSE AND THE ETERNAL PROMISE--- D. James Costin

Reprinted with the permission of James Costin, ex-officer of Abel Construction Co., and fellow church member of Marie and Virgil Carveth.

In the stillness of the autumn night I hear your plaintive cry as you glide southward in pattern flight telling the world below of the coming of winter's snow and cold. And though you have robbed me of needed sleep, I feel a prayerful consolation in your sudden invasion of the midnight quiet. You in your migratory flight are following in obedient command an instinct which became yours when the God of the Universe gave life to the first of your species. Would that man, made in God's image and likeness, had followed as precisely his Maker's wish for his life here on earth.



Oh God, Father of man's destiny, I pray that when the autumn of my years has been reached and you call my soul to its inevitable judgment, that it shall be privileged to cry out in triumph as it wings its way through a terrorless night to the eternal sanctuary of Thy love.



Great wild goose from the Northland, as long as God gives me life, I shall listen for you in the fall and watch for your return in the spring and thus shall be mindful of the eternal promise made manifest by God to all His Kingdom from the dawn of Creation.



Submitted by Marie J. Carveth

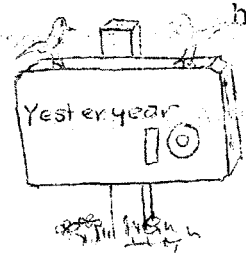
VAYA CON DIOS - May God be with you
Cards were sent to:



- Walter Moser - Sympathy
- Mr. and Mrs. Maurice Tracy - Sympathy
- Clyde Benham - Get well

The 8th Annual Lincoln Gem and Mineral Show was held---- don't know where. Probably in the Armory.

From the notebook of Lois Everett, Club Historian



THE PRESIDENT'S MESSAGE



We have just returned from a beautiful vacation combined with the President's Field Trip. On a whole everything stayed pretty much as scheduled. The exceptions were a find of large chalcedony roses which are exceptional in blade formation and size. Number 2 was the oldest daughter spraining an ankle, not rock hunting but on a sidewalk. After collecting blue agate, chalcedony roses, and a few of those rare fairburns we moved on into South Dakota. At Edgemont we collected a sizeable amount of beautiful calcite crystals. The next stop at the fairburn beds east of Fairburn, SD yielded one agate and a rattle snake. Both were collected! The snake was killed after almost biting young Bobby Anderson by Bud Wasser. The rattles went to Bud, it was then skinned and cleaned. The skin went to Tracy Bigley who upon returning home stretched and dried it. The snake then wound up in the frying pan. On arrival at Custer, SD the group was joined by Art and Hazel Howlett. Art guided the group to some excellent rose quartz and black tourmaline and to what I believe he called moon agate. While at Custer it was decided to add a tour of Jewell Cave to the agenda and was most enjoyable. The rest of the trip was a continuation of siteseeing and rock hunting. Through necessity the family and I left a day early and returned to Lincoln as the news carried the message to us that we were returning to work. Travel and side trips upon return showed we had traveled 1,625 miles.

The Board of Directors Meeting was held on Thursday evening, September 2nd, at my home with some members absent again. Elected officers have obligations to attend these meetings but also dues paying members have an obligation to attend the general business meeting. We of the Board are obligated to take care of club business and to propose the general direction and activities of the membership. It is up to the membership to attend the business meeting to let the Board know if they approve or disapprove. After all nine people on the Board cannot know the desires of the rest if you do not appear on the meeting floor to make your mind known.

Tracy E. Bigley

From our Membership Chairman comes the information that our friend and Charter Member of LGMC, Mr. Clyde Benham is now residing at Milder Manor Nursing Home, 1750 So. 20th St., Lincoln 68502 and your cards and messages can be addressed to him there.

From the Editor's Desk...In lieu of an editorial I wish to share with you some of the facts I have gleaned concerning cycads. There has been quite a bit of interest shown in the cycad since the presentation of a fossil cycad to the John G. Reihardt Center by the IG C. I have been interested in cycads for a number of years and have always hoped that I'd find a nice cycad fossil while vacationing in South Dakota, but have never been that lucky. Reading about them seems to be my only access to them.

The cycad was among the most numerous plants from the Triassic to the lower Cretaceous period..It is generally believed that cycads evolved from an ancient race which may have originated in the Paleozoic. The cycadales are the most primitive of all known plants in which the male gametophyte develops a pollen tube.

Among the most numerous plants of the Triassic to the lower Cretaceous were the cycadophytes. None of them were of great size. The stems of some of the Mesozoic cycadophytes resembled the enlarged ones of the modern cycads, but slender branching stems were much more common.

The best known of the Mesozoic cycadophytes belonged to a genus Cycadeoidea. This is the type of fossilized cycad found in the southern part of southwest South Dakota. It resembled a pineapple with fronds growing out of the top.

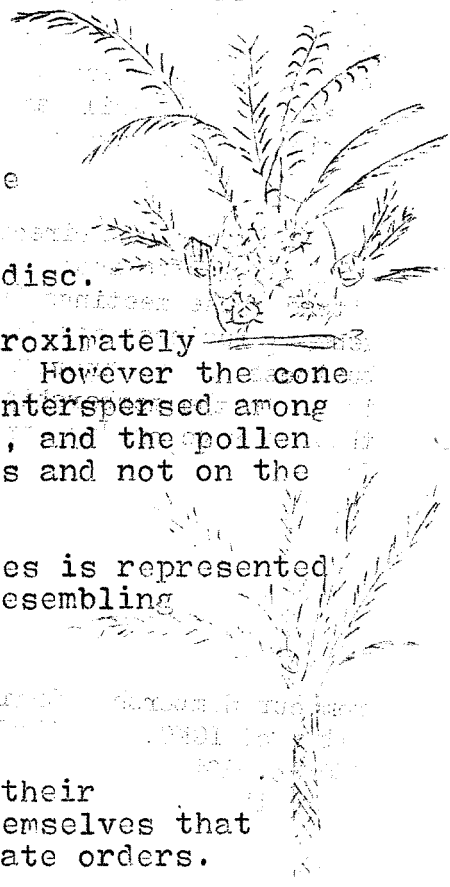
The strobili (fertile branches) must have had a very flowerlike appearance when expanded. They were borne in large numbers on the side of the stem and not on the tip as in modern cycads. On the lower part of the fertile branch were spirally arranged bracts. Just beyond there was a whorl of large pinnate stamens with their bases united in a disc. Beyond these and terminating the branch was a cone, bearing ovules. The bracts occupied a position approximately corresponding to the sepals and petals of a flower. However the cone was gymnospermous in that the stalked ovules were interspersed among sterile bracts instead of being enclosed in carpels, and the pollen grains were received in the micropyles of the ovules and not on the stigma.

The most important group of the Mesozoic cycadophytes is represented by the genus Williamsonia. This genus had leaves resembling those of cycadeoidea and modern cycads; but the stems, in contrast to the greatly enlarged ones of the latter types were slender and frequently branched.

Most of the Mesozoic cycads were so different from their living relatives and showed such diversity among themselves that authorities usually place them in one or more separate orders.

The cycad donated to the Reihardt Center was not the type of cycad generally said to resemble a pineapple. It had a much larger stem. If you will refer to your Oct. 1975 issue of The Pick and Shovel, page 9, you will note that Mr. Young in his article "Cycad-Poet-Prayer-Garden" states that the sago-palm is thought to be its modern kin.

Material for this article was found in The Plant Kingdom - Brown



May Board Minutes-----

The Board Meeting of Lincoln Gem & Mineral Club was called to order by the President, Larry Bigley on May 6, 1976 at 5700 Otoe Street, with eight board members present and committee members Jim Marburger, Marita Bigley, Roger Pabian and Glen Litzenberg.

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

Treasurers report by John Harrison, Jr., and approved as read.

Bills read by treasurer. Motion by Flossie Litzenberg to pay bills as read with the exception of the United Typewriter bill for \$56.37, dated 4-13-76. Seconded George McGinnis. Carried. Flossie amended motion to include United Typewriter bill of \$56.37 for Mimeo ink, seconded George McGinnis. Carried.

Marita Bigley read re-instatement application of Gerald and Roma Mullinix. Moved John Harrison, Jr to approve, seconded Flossie Litzenberg. Carried.

Vern and Millie Heller, Moved John Harrison, Jr to approve, seconded Flossie Litzenberg. Carried.

NEW MEMBER applications: Thomas and Betty Barnes and Melissa, and David J. Doherty. Moved John Harrison, Jr for acceptance, seconded Norma Miller. Carried.

After discussion, John Harrison, Jr. moved we have letterheads reprinted even at original cost; seconded Flossie Litzenberg. Carried.

Discussion on educational and programs. Roger Pabian, Marie Wells, Don Carter and Flossie Litzenberg to get together to try to alternate the programs.

Show bills officially closed at this meeting.

After explanation a motion by John Harrison, Jr., we replace the stapler lost at the show and purchase one for the club for future use. Seconded Evelyn Ulrich. Carried.

Rock Swap chairman will be the board of directors, it will be held at the National Gaurd Armory Park. Larry Bigley is working on flyers.

Roger Pabian reports 1977 show dates of March 26 and 27 at the Fairgrounds. John Harrison, Jr. and Roger Pabian will get together to get a contract with specifics.

Oklahoma trip memorial weekend.

Motion to adjourn, John Harrison, Jr.

Nelda Oliver
Secretary

June Board Minutes-----

Lincoln Gem and Mineral Club board meeting was held June 3, 1976 at the home of Larry Bigley at 7:30 P.M. with six board members present.

President called the meeting to order with Roll Call.

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

Treasurer report read by President, Larry Bigley, in absence of the treasurer and approved as read.

Discussion on a delegate to St. Louis Show, July 24, 1976.

President to send in Credentials report that we may have a delegate coming in late and they will have their credentials with them.

Plaque for Neihardt Foundation for the Cycad was discussed. To have Lincoln Gem and Mineral Club name and donated by Dr. Deitrich and location. President Larry Bigley to give information to Historical Society and Lincoln Gem and Mineral Club will have final approval of the wording. To be in memory of Dr. John G. Neihardt an honorary member. Above in motion by Howard Taylor and Seconded Evelyn Ulrich. Carried.

Flyers are out on the swap.

Marita to mail membership cards, etc. to out of town members and turn bill into John Harrison, Jr.

Marita also to notify Marquaret that he is a member so he can pay his dues.

Discussion on fee for delegate to St. Louis. Motion George McGinnis we allow the delegate \$60.00 to attend the council meeting and Editors breakfast, Seconded Nelda Oliver. Carried. to be presented before they leave.

Meeting adjourned

Nelda Oliver
Secretary

NOTICE: BRING A DOOR PRIZE TYPE "SUMMER FIND" FOR A SILENT AUCTION AT THE SEPTEMBER MEETING.

Monies from the auction will go to the "kitty" scholarship fund.

September meeting is also time to pick nominating committee, who will work on the 1977 slate of officers during October. Election of officers will be in November.

JOHN G. NEIHARDT DEDICATION CEREMONY -- Marie Wells

The 11th annual Neihardt Day, August 1st at Bancroft, Nebraska marked the dedication of the Neihardt Center. There were approximately 2000 people in attendance.

The beautiful dark red brick building, circular in design, is to emphasize the Sioux Hoop of the World. In this structure is housed the writings, letters, video tapes and recordings of Neihardt, and is available for study to students and other interested patrons of Indian history and Neihardt writings.

The Rainbow Room was of special interest. In this circular room, moving from left to right, one views pictures, documents, and relics depicting his life and accomplishments from childhood through adulthood. Steps lead down to a central depression in the floor in which is located the beautiful petrified cycad presented to the Center by the Lincoln Gem and Mineral Club. Overhead hangs "The Tree of Life" mobile, cotton wood leaves made of stainless steel and created by Reinhold Marxhausen. These are symbolic of the tree of life in the center of a Sioux Indian Prayer Garden. In the outdoor garden, immediately to the west of the building, a flowering crabapple tree grows.

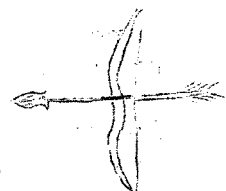
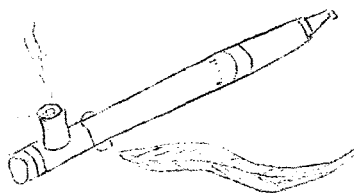
On the grounds stand tall, stately maple trees planted by Dr. Neihardt when he lived there with his young family. The house in which they lived was moved to a farm and has since burned down. In a tiny one-room building off in the northwest corner of the grounds one can visit the place where he did much of his writing. The old typewriter, wood stove, oil lamp, and original yellowed pages of manuscript indicate how long ago he penned some of his most famous epic poems.

The dedication ceremony was itself exemplary of Neihardt - the man - in its its simplicity, sincerity, and earthiness. Congressman Thone paid tribute to Neihardt's genius and determined endeavor to achieve. He advised those in attendance to heed the example of Neihardt when asked by president James I. Pile of Wayne Normal School at the age of 14, "John, do you really want to learn?" - to which he answered, "Yes", and learn he did!

Tom Allen, roving reporter of the Omaha World Herald, paid tribute to him as a humanist.

The program was appropriately closed by a tape recording of Neihardt reciting "Black Elk's Prayer" with all eyes lifted heavenward during the playing of the tape.

The Lincoln Gem and Mineral Club was represented at the John G. Neihardt Dedication Ceremony by some of its members. Mr. and Mrs. J.D. Young took part in the ribbon-cutting ceremony. Florence Boring, Mr. and Mrs. Howard Taylor and Susan, Mr. and Mrs. Larry Bigley, Tracy and Paula, Frank Rule, and Mr. and Mrs. Lynn Wells were in attendance.



"Spirit of '76" - San Francisco Show---Judy Walt

July 1st, 1976 was a big day for me. I was about to embark on the adventure of my lifetime. I left Lincoln at 9:25 A.M. on a United Airlines Jet for San Francisco. We landed at 12:00 noon and I took a taxi to the Townhouse Hotel which was the California Federation's headquarters. After checking in and freshening up, I went to the Fisherman's Wharf where I spent most of the afternoon.

The next morning I met Russell Anderson in the hotel lobby. We went back to the 3rd floor and there I gave Mary a surprise when she walked into the room. We had rooms just a few doors apart. It was a nice reunion. After breakfast we headed for the Cow Palace which was in Daly City.

We spent the day looking at all the fabulous displays. In the evening we went to see "Meet the Authors" open house.

On Saturday morning I met the Andersons and had breakfast with them. I caught the special bus to the Cow Palace where I watched the booth that was advertising the Salt Lake City '77 Show. Later I went on the San Andreas Fault tour. Florence Poring was also on this interesting trip. They showed where the fault had ripped its way through. We saw a land slide at Daly City. In the evening we attended the Awards Banquet. Everything was just marvelous. There was a Japanese Delegation who had flown in from Japan. They presented the San Francisco Society with some nice trophies. I must say that the San Francisco people are a very spirited group.

I attended the Editors' Breakfast. We were serenaded by a bell ringer from San Francisco who collected bells from all over the world. Mary Anderson was asked to chime in while they were playing "Joy to the World" and some of America's patriotic songs. At 11 A.M. everyone grabbed a bell and all were ringing in the signing of the Declaration of Independence. After the Editors' Breakfast I went out to the show where I took care of the booth all by myself.

Mary presented me with a centerpiece which had been used on a table at the Awards Banquet. I was glad I had a good shopping bag to bring it back on the airplane. After the Show was over I had dinner with the Andersons at the hotel. They were leaving early Monday morning and I went to see them off.

I left San Francisco on Monday at 11:00 A.M. The rest of my vacation was spent in Minnesota, but the very thought of really being in San Francisco was all I really needed to make this trip complete.

What is a Rock --- Judy Walt

Rock is one of God's creations.

Rocks are like people-they have their own characteristics.

A rock is a firm foundation.

A rock is something you can show off. Sometimes it is a treasure; sometimes it is worthless, always it is interesting.

Rocks can be found anywhere and at any time. You can dig them, cut them, and love them. Rocks are great to have around.

ALOHA!

We were delayed a day for our vacation trip, because we discovered we should get new wheel bearings before we started. So we couldn't leave on Sunday, May 16 as planned, but we did get going on Monday.

We stopped in Sidney long enough to visit a sick friend there. We saw many, many Antelope as we drove through Wyoming. We drove into Las Vegas late Wednesday afternoon for gas. The highway bypasses the town, so we didn't go into town. We usually drop a little (and I do mean little, like a couple of dollars) change in the slot machines, but we didn't want to spend the night there. We have never liked the places we have stayed in in Las Vegas.

We spent the night in Baker, California. We were awakened at dawn by what sounded like a man on the roof. The roof came to a point and was the kind that has gravel and rock on it. The ceiling of the room did not have an attic, but followed the shape of the roof which is why we could hear the patter of the sparrows. Oh well, we wanted to get an early start. It was hot in California so, we used the air conditioner. We arrived at my sister, Ruth Benzing's house in Oxnard, California at 11:30 A.M. May 20.

Glen and our brother-in-law, Walter, went rock hunting the next day. They went east of Oxnard to Tick canyon, and got about 20 pounds of blue agate. It was very hot. The weather I mean. Walter saved up the big rocks for Glen because Glen's saw isn't big enough to handle such large sizes.

We went to Los Angeles on May 24 and took a plane at 4:15 P.M. for Honolulu, Hawaii to visit our son, Robert, and his family. Ruth and Walter went alone. We arrived in Honolulu at 6:15 P.M. The family met us and each one draped us with a lei and gave us a kiss. Five leis are pretty heavy.

We took a tour through the Dole pineapple cannery and had the juice and pineapple slices we wanted. We saw the free Kodak show which is a dandy, and that is where my camera jammed. We visited Paradise Park where they have so many exotic birds. In their auditorium a cockatoo rode a unicycle on a high wire for one act.

We visited many of our son's friends and broke bread with them, except they don't treat bread. We ate all kinds of Phillipine food, such as: lumpia (plain and deep-fried), manube, and ponset. Everything was delicious. Our son's wife is a Filipino.

On Sunday, May 30, Bob drove us all around Pearl Harbor and showed us where he works there. He showed us where some of the buildings were marked by Japanese shells. June 1 we took a tour of Chinatown which included a pharmacy where they dispense such things as dried snake skin and beetles. They use little squares of paper for their powders instead of sacks. We purchased mountain apples that have a seed like a plum from an open market. At the fish market the prices were as high as they are here. We visited jewelry stores and saw a lot of Jade and Coral. We bought wedding cakes (a big, round cookie with a red goodluck sign on them) at the bakery. We visited a temple and saw many offerings to different Gods with incense burning. We finished the two hour tour with a nine course Chinese dinner.

Continued

ALOHA! (continued)

Our grand-son-in-law took Ruth and Walter on a plane ride over the island of Oahu in a four passenger Cessna. He had taken us on such a ride before. Then one can see how mountainous the island is.

June 3 we took a picnic lunch and went to Haunama Bay. The men went snorkling and had fun seeing the pretty fish swimming around their feet. It is a lovely bay and a favorite picnic area for the local people.

June 4 we took the Pearl Harbor tour and visited the Arizona Memorial and Ford island.

June 6 we took a picnic lunch and stopped at a park near Pakua on the west coast. We hunted for Puka shells, but there had been a storm a couple of days before and the water was stirred up from the high waves, so, they were hard to come by. But we enjoyed the swimming. My sister didn't want to get her hair wet and just waded, but a big wave came along and before she could get away, it knocked her over and another wave started to pull her out into the ocean. She did manage to get up, but it was frightening for a bit. Her hair got full of sand. I didn't go in the water because of my knees.

June 7 we visited Foster's Botanical gardens. They had a big display of hybrid Orchids besides the ones growing in the trees. There are many other exotic trees and shrubs there. We ate lunch at the La Ronde restaurant that is on top of the 23 story office building in the Ala Moana shopping center. It makes a complete circle in an hour which gives you a beautiful view of Honolulu, the Harbor and mountains in the background. Later we went swimming off sand island on the east coast where the waves are not violent.

We left Honolulu on June 8 at 9 A.M. and arrived in Los Angeles at 5 P.M. We brought our granddaughter, Mary home with us to spend the summer here.

June 10 we went rock hunting with Walter to the Paula Verde mountains where we collected about 50 pounds of dark green Verde Antique and about 5 pounds of the choice yellow color.

Walter took us on many rides around Oxnard where we saw tar running out of a mountain, oil wells out in the ocean, beautiful flower plantings of the seed companies and homes that were beautifully landscaped.

June 15 we left my sister's and headed north on highway #5. It was hot and we had to use the airconditioning most of the time. We have a metal suitcase with dishes and tableware in it that we take traveling. We eat our breakfast in our motel, our lunch at a rest area and eat at a cafe at night. We take our ice chest for drinks and meat. Well! our first night we spent at Willows, California and left next morning without our metal suitcase. We didn't discover our loss until lunch time. We sent the motel a card and they sent it home for us. At Orland, Cal. we bought a lot of almonds (french-fried, blanched and candied). By noon of June 16 we were in Ashland, Oregon and visited my Aunt. She had Tea Roses growing ten feet tall in her garden. I had never seen such magnificent roses.

June 17 we arrived at my neice's place in Warren, Oregon which is just north of Portland. We stayed there for four days. She drove us all around Portland. We saw rhododendrons, roses, wild lupines, wild fox-gloves, daisies and Scotch broom in bloom. (Continued)

ALPHA:

continued

They have rain there every day, but not a drop while we were there. They were grateful that we had brought some sunshine. It was like that in Honolulu too. They had showers at night or when we were riding in the car, but whenever we got out of the car it stopped raining.

We left Warren on June 21, and headed for home. We drove up to Timberline Lodge on Mount Hood and watched the skiers. On the lower levels, we saw some bear grass in bloom and rhododendrons. We saw more Antelope as we came through Wyoming. It was at Muddy Gap, Wyoming we ran into the only storm of our whole trip. They had heavy rain and hail. We visited our friends in Hay Springs, Nebraska and arrived at home at noon on June 25.

BITS & PIECES with Phyllis pinch-hitting for our regular news columnist -

Glen and Flossie Litzenberg had the pleasure of the company of their granddaughter, Mary, from Honolulu this summer until August 30. Mary became a teenager on July 21. Celebrations included a fun surprise in the afternoon attended by LGNC Juniors, Paula and Tracy Bigley and Linda Parks.

Reports are that the Nebraska State Show, hosted by the Nebraska Gem & Mineral Club of Omaha on Labor Day Weekend was a tremendous success. Excellent attendance, good dealers and a great number and quality of displays. Lincoln was well represented in the display department and nearly everyone in the Who's Who spent time at the show.

I've heard scattered reports of great fun and success on the President's Field Trip but no written reports. We'll just have to watch for some of the participants to bring samples of their goodies to club meeting to show and tell about - rumors of large chalcedony roses, tourmaline, exceptional gypsum, garnets - plus of course lots of hot weather, experience with a snake and a few unfortunate accidents.

Lets all wish Glen Ulrich much success in his new business venture, Midwest Manufacturing Jewelers. He and associates will soon be open on first floor Sharp Building. They will specialize in trade work and jewelry repair for other jewelers.

LGNC clubmember Norman Balliet and wife Sandra added a new little jewel to their household on June 23rd, feminine gender, named Jehan Alyce.

Lynn Wells spent some time in the hospital last week for preliminary testing before establishing his big surgery date. Hang in there Lynn, we're rooting for your rapid recovery and good health.

Congratulations to Editor Evelyn Ulrich and her publications staff for the past year of Pick & Shovel which once again placed in the top group of the federation bulletins - 3rd place this time. When you think of over 200 clubs in MWF and our bulletin places nearly every year in the top 10 - really makes us appreciate the fine work and hours of time that goes into preparing it. Thank you Evelyn and Staff.

Sorry we didn't get our report on the '76 MWF Convention and Show which was held in St. Louis on July 22 to 25. Our Delegate was Ruthy Coleman and we had scheduled Page 5 for her report as we were anxious to hear how the meeting went. We are especially interested since our own club member Howard Taylor presided in his capacity as President of the Midwest Federation for 1976. Several of the MWF club bulletins have carried reports and we are anxiously awaiting the one from our own LGNC Delegate.

--Publication Deadline - and have just received the President's typed stencil and a really quick - but complete- recap of the Pres. Field Trip. Lots of us missed a good time this year.

JUNIOR PAGE

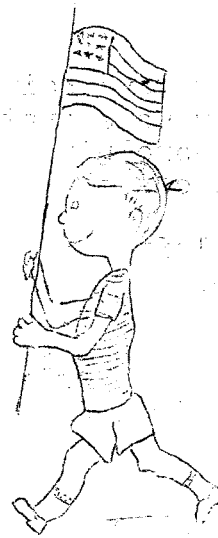
4-H Club News



The Petrified Pebble Pups were well represented at the Lancaster County Fair and came away with their share of ribbons.

Lars Olson's self-determined exhibit of lapidary work won a purple ribbon. It consisted of two ovals of different size, a round, a square, a cross, and a heart.

Tom Harrington won a purple ribbon on his Exploring Our Earth exhibit. He displayed 24 rocks.



Andrew Olson's self determined exhibit of fossils won a blue ribbon, and Ingrid Olson's Exploring Our Earth won a blue ribbon, also.

Paul Koester won a red ribbon on his 24 rock exhibit, and John White won a white ribbon.

Blue ribbons were won by Tom Harrington and Paul Koester on their Household Mineralogy egg-carton collections.

Cheryl Bigley had the misfortune of sustaining a very severe sprain of her ankle while on the president's field trip. At this writing, her leg is in a cast and she is having to use crutches.

Linda Parks has had a busy and pleasant summer entertaining nieces and nephews from Sharon, Massachusetts and Lane, Illinois. A lot of time was spent riding their Honda Mini Trails and their bicycle built for 2.

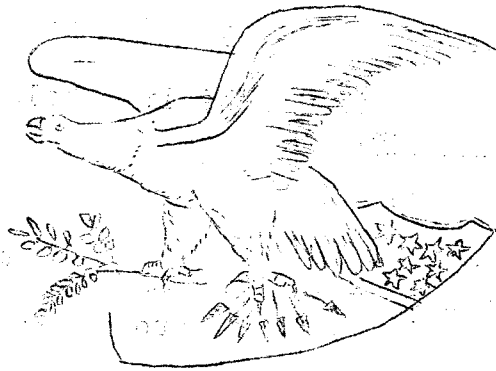
Mary and David Green have had their usual luck winning ribbons and medals for swimming and diving. They have taken part in swim meets at McCook, Kearney, Columbus, and Fremont as well as those held here in Lincoln. David placed second in Capital City Championship meet and won a medal at Great Plains in the 1 meter and 3 meter diving for boys 10 years old and under.

Mary Green won the Best of Show for Junior exhibitors at the Lincoln Gem and Mineral Show this year.

Several of our Petrified Pebble Pups are exhibiting at the Nebraska Mineral and Gem Club Show in conjunction with the Nebraska state show at Omaha. Mary Green is exhibiting invertebrate fossils, Lars Olson lapidary, and Brad Jones the three types of rocks - igneous, sedimentary, and metamorphic.

Have you had an interesting experience this summer? Won't you write about it for our Junior page?

1776



1976

BICENTENNIAL SENSE AND NONSENSE - edited by J.D. Young.
Dinosaurs ----- The Long, Hot Summer

The following poem was on a fossil display in the Nebraska State Museum many years ago. I copied it on the back of an envelope; now this manuscript has a true bicentennial flavor. I failed to note the author's name, but he must have known paleontology from "Alpha to Omega", or stem to stern..

The Mighty Dinosaur

"Behold the mighty dinosaur
Famous in prehistoric lore,
Not only for his weight and length,
But for his intellectual strength.

You will observe by these remains
The creature had two sets of brains;
One in his head (the usual place),
The other at his spinal base.

Thus he could reason a priori
As well as a posteriori.
No problem bothered him a bit-
He made both head and tail of it.

So wise he was; so wise and solemn,
Each thought filled just a spinal column.
If one brain found the pressure strong
It passed a few ideas along.

If something slipped his forward mind
'Twas rescued by the one behind;
And if in error he was caught
He had a saving afterthought.

As he thought twice before he spoke
He had no judgment to revoke,
For he could think without congestion
Upon both sides of every question.

O! Gaze upon this model beast-
Defunct- 10,000,000 years, at least."

Author ?

BICENTENNIAL SENSE AND CONSCIENCE CONTINUED

IGIC member, Aveline Folde, furnished the item below from February, 1976 issue of Family Food Garden.

Thomas Jefferson - Gardener

"Thomas Jefferson would have fitted into the 1976 trend. He was a great food gardener and claimed that meat was more of a condiment for vegetables, which were his main diet and grown mainly in his own garden."

Now speaking of gardening - shades of the "dirty thirties"! Probably Paul Revere, Lady Godiva or the Lone Ranger could not have out-galloped this one. (Ms. Godiva had no hot weather problem). All must have had good horses, and/or superb agents!

Many gardeners spent much of this summer directing the leeward end of a pesky tube leading from an instrument of fiscal torture - the water meter - with its heinous rhapsody. Thumb-worn "organic" encyclopedias provided no succor for the die-hard green-thumbers.

Add nature's timely little helpers - "our feathered friends", cute hopping bunnies (no Hefner stuff) with arrogant rear pompons, the frisky, bushy-tailed arboreal monsters - scourge of winter bird - feeders, and other pests, sucking, chewing, or just contaminating. They chuckle at mankind's puny defenses, chemical or physical.

The battle with fauna is similar to the conflict with flora - all skewed nature-wise.

To compare needs with biblical tares is a scriptural understatement. All methods of control having proved ineffective and inspiring spring seed catalogs may now join the extinct dodo and the dinosaur - via the city dump. Future gardeners above the present landfill may profit by their essence!

F.S. My Jerusalem artichokes survived the heat.
J.D.Y.

A Soviet scientist has discovered a monocellular organism which puts the origins of life on this planet back more than one billion years, according to a recent release by the News Agency, TASS. The Leningrad paleontologist, Boris Timofeyev, announced his discovery at the 12th Annual International Botany Congress in Leningrad this summer. The micro-fossils were found in a core sample from a four mile bore hole through the crystalline rock of the Ukrainian shield.

via The American Federation newsletter

The DEADLINE for those wishing to enter the AFIS SLIDE PROGRAM CONTEST is April 30, 1977. The rules and entry form were in the May 1976 issue of the AFIS Newsletter. Or you may write me for them, plus a copy of "Taking a Slide Program." Please send a 13¢ stamp with your request. Mrs. Kay Jensen, AFIS Slide Program, 199 East Brook Road, Pittsford, N.Y. 14534

HANDY HINTS

Mark Colen, in an article entitled "New Polishing Compound" printed in ROCK AND GEM Febr. 1976, recommends the use of diatomaceous earth as an inexpensive replacement for tin oxide. This material can be obtained from swimming pool supply dealers, as it is used mostly in swimming pool filters.

He claims that diatomaceous earth acts as a "terrific polish" when used on a 600 grit sanding paper. If you cannot obtain 600 grit sanding paper from your lapidary supply dealer, you can get 9x11 sheets of wet-or-dry carbide sanding paper at a hardware store for about 20¢ per sheet. These sheets can be cut into discs to fit your equipment.

The diatomaceous earth can be mixed with a little water to make a slurry. The cab is dipped in the mixture and is then sanded with light pressure at about 3500 ft. per minute. He recommends 2500 rpm for a six inch disc and 1725 if you are using the outer portion of an eight inch disc.

He cautions that one should avoid inhaling large amounts of the dust because of its sharp minute particles.

Mix a tablespoonful of Crisco with the same amount of Linde (or other polishing compound) and apply it to a felt polishing wheel or lap. Its viscosity prevents the powder from flinging off or traveling to the edge of the lap.

via AFMS Newsletter

To cut gas build-up in tumblers, add 1 teaspoon of baking soda. To seal a plastic or rubber tumbling barrel to prevent leakage, place it under hot water for a few minutes, then screw the cap on tight. To make a dop wax heater, take a 1-pound can and cut out a 3x3 inch square, starting from the bottom, with tin snips, and put an alcohol lamp inside. The heat will rise to the top and melt the wax.

Richard Stec-GEMS AND MINERALS via T-TOWN ROCK HOUND

A Small Sander....A safety razor makes a handy sander. Remove the blade and wrap a sanding paper around the curved blade holder. Tuck ends under the teeth and tighten handle. Ideal for sanding small surfaces, especially if they're curved.

The Sphere via The Glacial Drifter

To true your grinding wheel after cutting oval cabochans, cut two or three rectangular or square cabs on the edges of the wheel.

Carl Stenvall via Nebraska Rock Hunters

SAFETY PAGE

The Magic of Ice... It's a powerful anesthetic which has been used for certain major surgery while patients are awake. Usually the patients almost immediately sit up in bed, eat, and chat with no anesthetic after-effects or drowsiness.

For a sliver in a sensitive finger tip, put the tip on ice until numb, and the sliver comes out painlessly with a sterilized needle. Before an immunization shot, put an ice cube on the spot for about 15 seconds, wipe it dry, swab with alcohol and inject while the spot is numb.

Put a burned finger in cold water with a couple of ice cubes, or put ice directly on the burn until the sting isn't felt when the cube is removed. There will be very little swelling and blisters won't appear, thus the burn will heal more quickly.

A faint condition from intense summer heat, face red and eyes glassy, should respond quickly to cold water containing ice cubes rubbed across arms, forehead, and back of neck.

Ice stops visible bleeding and bleeding under the skin from a bruise, which is a leakage of blood from torn blood vessels. Ice constricts the vessels so there is less leakage until clotting takes place. This means less discoloration, swelling, damage to surrounding tissues, and less pain.

Ice helps prevent infection. Any refrigerated body part isn't likely to become infected even if contaminated with dirt because cold keeps the germs dormant. Ice is not dangerous because it refrigerates the tissues, but does not freeze them. Ice can be applied safely to any part of the body.

DO NOT ADD SALT TO ICE! This can cause frostbite. Ice will work safely and sufficiently by itself and needs no "help".

National Safety Council, Aurora borealis
via Tule Smoke Signals

Fire Safety.... Most families have one or more fire extinguishers in their homes and garages. Many carry one in their car, too. All members of the family should know where the extinguisher is and how to use it. Many people purchase an extinguisher and neglect to have it checked at least once a year and recharged when needed. Campers should always carry extinguishers and have them readily available for use. Small fires often occur around the cooking area. Have bicarbonate of soda handy to smother a fire. It is clean, inexpensive and does the job.

Because of the close areas in campers and trailers, extra attention must be paid to materials around the stove area and throughout the camper. Check to see how flammable the materials are by touching a few threads drawn from them to a lit match. Are the sleeping bags or bedding made of materials that might flare up in flames? So you have fire extinguishers readily accessible? Do you have materials at hand to smother a fire?

Midwest Federation's 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, Des Moines, Ia. 50311

Issue No. 167 - September 1976

MIDWEST FEDERATION BULLETIN EDITORS 1976 CONTEST WINNERS

(Large -- 8 pages or more)

1st, THE OPAL, Rudy Loeffler, Editor, West Suburan Lapidary Club, Melrose Park, Ill.; 2nd, THE GLACIAL DRIFTER, Arthur Ferguson, Editor, Grand Rapids Lapidary Society, Grand Rapids, Mich.; 3rd, THE PICK AND SHOVEL, Evelyn M. Ulrich, Editor, Lincoln Gem & Mineral Club, Lincoln, Neb.; 4th, PEB-BLE PUSHER, Mary Boland, Editor, Coulee Rock Club, Inc., LaCrosse, Wisc.; 5th, THE PYRITER, Lyle Voas, Editor, Dallas County Rock Club, Inc., Adel, Iowa; 6th, THE GEODE, Willis Smith, Editor, McDonnell Douglas Gem & Mineral Society, St. Louis, Mo.; 7th, THE SANDSCRIPT, Marilyn McFadden, Editor, Duneland Rock Club, Merrillville, Ind.; 8th, THE EX-CHANGITE, Leona Vojcek, Editor, The Rock Exchange Club, Garden City, Mich.; 9th, THE BEACHCOMBER, Jan Huff, Editor, Lake County Gem & Mineral Society, Waukegan, Ill.; 10th, ELROCK NEWS, Dee Sigsbee, Editor, Elkhart Mineral Society, Elkhart, Ind.; and, NISHNA VALLEY GRINDSTONE, Pearl Campbell, Editor, Nishna Valley Rock Club, Atlantic, Iowa.

(Small -- 7 pages or less)

1st, THE ROCKFINDER, Fred Niebauer, Editor, Michiana Rock & Gem Club, South Bend, Ind.; 2nd, ROCK EXPRESS, Maida McGrew, Editor, Ft. Butler Rock & Gem Club, Hebron, Neb.; 3rd, WORTHEN WORTHY NOTES, Irma W. Bradley, Editor, Worthen Earth Searchers of Hancock County; Honorable Mention, AGATYPE, Jeannine Miller, Editor, Blossomland Gem & Mineral Society, St. Joseph, Mich.; ROCK TALK, Tanis Diedrichs, Editor, Black Hawk Gem & Mineral Society, Waterloo, Iowa; THE GEMROCK, Sharon Harp, Editor, Independence Gem & Mineral Society, Independence, Mo.

JUDGES' AWARD

POINTS OF INTEREST, Mary Anderson and Maybell Wilcox, Co-Editors, THE FOUR-CLUB BULLETIN for Badlands Sandhills Earth Science, Mission; Missouri Valley Gem & Mineral Society, Platte; Western Fairburn Geological Society, Martin; and West River Science Society, Murdo, all in S. Dak.

OUTSTANDING ARTICLE

ROCKS, CHILDREN AND FUN, Viola Debout, in May 1975 Rock Talk, of Black Hawk Gem & Mineral Society, Waterloo, Iowa; FOUR KEYS TO RECOGNIZING ROCKS, Doris & Francis Wood, in April 1975, The Rocky Reader, Toledo (Ohio) Gem & Rockhound Club.

MOST FITTING ROCKHOUND NAME

Pauline Stone

NEW MEMBERS

St. Joe Valley Rockhounds, Inc.
Paul Wesley Van Dyke, President
323 S. St.
Goshen, Indiana 46525
joined 6-16-76

Individual Membership

Mr. Mark Alan Vinson
2011 Gatesborough Circle
Murray, Kentucky 42071
joined 7-1-76

ST. LOUIS SHOW TERMED "SUCCESS"

Garald Hook, General Show Chairman for the MWF show and convention in St. Louis, July 22-25, termed it a "success" and reports attendance at "10,000" for the four days. Even as the temperature soared to an official 99 degrees on Friday, July 23, and to an unofficial 103 degrees in parts of St. Louis the show at the Show Center, on St. Charles Rock Road, was filled with enthusiastic rock and mineral fans.

The show building was air conditioned and the large amount of floor space made placement of dealers, displays, swap area and program room easy, and allowed ample space for those attending to move about easily.

The Executive meeting on Friday and the Council meeting on Saturday at the Ramada Inn West were well attended. Bulletin editors' awards were made at the Editors Breakfast and All American and MWF Merit Awards were presented at the banquet on Saturday evening at the Stegton Restaurant in St. Charles.

New officers elected to head the MWF beginning November 1, include Miss Hazel Kuntz, Quincy, Ill., President; Paul Good, Griffith, Ind., First Vice President; Mrs. Betty Crawford, Mansfield, Ohio, Second Vice President; Miss Jean Reynolds, Clarendon Hills, Ill., Secretary; and Milford J. Sharp, Fairview Park, Ohio, Treasurer.

A complete report of the meetings will be sent to all clubs by the Secretary, Jean Reynolds, as soon as possible.

THIS IS YOUR LAND! KEEP IT CLEAN!

YOU'VE GOT A DATE IN DAYTON (Ohio), JULY 21-24, 1977 - MWF SHOW AND CONVENTION

MIDWEST SCHEDULES
SHOWS THROUGH 1980

The MWF has now completed the schedule of cities hosting its annual shows and conventions through 1980 according to Convention and Show chairman Leo Yanasck.

Next year, 1977, the show will be held in Dayton, Ohio followed in 1978 with a show in Cedar Rapids, Iowa. Then in 1979 a return to Ohio with a show in Columbus. The 1980 show and convention will be the combined Midwest and American Federation show and will be held in Evansville, Indiana.

THE UNIFORM RULES CHANGES listed below on the bottom of this page are now in effect. This portion may be cut off and placed in your Uniform Rules Booklet. Additional copies of this page are available from the Director of Supplies, Clinton Heckert, 725 Stewart St., Elgin, Ill. 60120.

CORRECTIONS FOR SUPPLEMENTAL EDITION (1975) OF THE AFMS UNIFORM RULES

SUPPLEMENTAL PAGE NO.	CORRECTION
2	Add to point category N--R-5
2	Rule 7.1 change work to word
3	4th paragraph should read 7.1 (3). 5th paragraph should read 7.1 (3) (b)
4	BS-5X should read all lead minerals
5	Line 3, a comma is missing between calcite and wulfenite
6	Next to bottom line 'i.e.' for 'e.g.'
7	Add: 11.1 (C) (4) Fluorescent response (color). Color name shall not be judged.
9	12.1 (a) (2) insert 'Cabochons and' at the beginning of sentence
10	5th line from bottom of page 'i.e.' for 'e.g.'
11	Rule 0.3 remove comma after matte
11	Rule 0.5 correct spelling of exhibitor
11	CA-1, Small c should be (C) for category
12	Rule 13.2 correct number to (40)
12	Rule 17.4 add s to technique
14	Rule 19.a Example should read "Phacops rana or Phacops Rana." (Underlined separately or italicized.) Next Example should be 'Achistrum sp. or Achistrum sp.'
17	Class F-5 change scoring class from (D) to (K)
21	Trophy XI FOSSILS should read Classes F-1 through F-10; FC-1 through FC-2

RULINGS BY AFMS URC CHAIRMAN - MAY 1976

Class D-4 'Jewelry without stones.' (Page 26 in rules book)

Points for judging this class	
Showmanship	15
Variety of Work	20
Workmanship	40
Originality of Design	25

Permanet change would require this new scoring category to be added on page 11 and 26 and change the scoring category reference in description of Class D-4 S-15; VW-20; W-40; OD-25

Class CA-4 Diorama--a three dimensional scene using a carved object.

Points for judging this class should be (c) when showing one piece or object	
Labeling	5
Showmanship	15
Quality	15
Workmanship	65

Use O Category for points as stated in the supplement (page 11) for CA-4 when using a Diorama-a three dimensional scene using carved objects.

CHANGE OF ADDRESS

P. O. Box 1130, used for many years as the mailing address for the Newsletter has been discontinued. Please send all news, articles, subscription orders and request for information concerning publication to Haydon Peterson, c/o Parrot Printing Service, 2125 Forest Ave., Des Moines, Ia. 50311.

DETROIT SHOW IN 1975
NETS OVER \$6,000 FOR MWF

The MWF share of the proceeds of the Detroit show in 1975 was \$6,210.14.

FALL EXECUTIVE MEETING DATE SET

The Executive Committee will have its fall meeting on Saturday, Oct. 31 at Bloomington, Ill. New officers will be installed at that time.

Everett Lapidary Shop

THE CAPITOL CITY'S FIRST ROCK SHOP

2041 North 65th

PHONE 466-6204



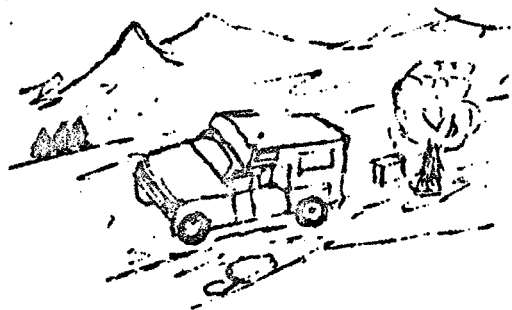
Display your summer finds
in Gem and Mineral Boxes and Trays

"SATISFIED CUSTOMERS ARE OUR BEST ADVERTISEMENT"

TELEPHONE
466-1697

TOM & LEFTY'S
ROCK SHOP

6323 KEARNEY STREET
LINCOLN, NEBR. 68507



Check us for your Fall Lapidary needs.

JEWELRY AND CUSTOM CUTTING

Some people search for diamonds;
Some people search for gold;
Some people only pick up rocks,
At least that's what we're told.

The diamonds make you famous;
The gold you have to spend;
The rocks just bring you pleasure
And a host of happy friends.

Elizabeth Martin in Rock Chippings
via Agatizer, via Tule Smoke Signals

Lincoln Gem & Mineral Club
Box 5342
Lincoln, NE 68505



BULK RATE
U.S. POSTAGE
PAID
LINCOLN, NE
PERMIT NO. 709

Historian's File-LGMC
2941 N. 65th St.
Lincoln, Ne. 68507

Exchange Editor: Evelyn Ulrich
3521 S. 48th St.
Lincoln, NE 68506

