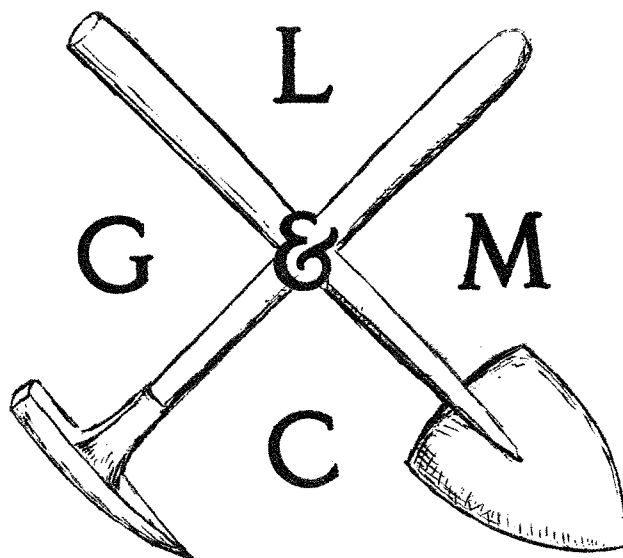


THE PICK & SHOVEL



APR - 1973

OFFICIAL PUBLICATION OF

LINCOLN GEM & MINERAL CLUB

HOST OF COMBINED

MWF-AFMS NATIONAL SHOW AND CONVENTION
AND NEBRASKA STATE SHOW

JUNE 13-16, 1974
LINCOLN, NEBRASKA

CALENDAR

REGULAR MEETING...Sat. April 28, 1973, 7:30 PM
W.O.W. Bldg. 734 S. 27th St.

PROGRAM...Lancaster County Heart Mobile First Aid for Heart Attacks

ROCK FEATURE...Nebraska gems and minerals. Bring your displays.

REFRESHMENTS...will be served by Rosa Lee Wright, Herman and Alice Spomer, Nelda and Bob Oliver, and George and Glenna McGinnis.

MUSEUM VOLUNTEERS...Nebraska Hall - 4th floor. Every Friday night - 7:30 PM sharp.
Enter at west door, take elevator to 4th floor. For more information call Dorothy Englehart - phone 488-5383

WELCOME NEW MEMBERS...Lois Terry, Cathy, Becky, Kevin, Douglas and Christina
3105 S. 12th 68502 ph 432-7172

Earl & Lorene Messelhisser, 1030 N. 48th St., #46, 68504 phone 466-1484

Gladys M. Workman, 3272 Starr, Apt. 6, 68503 ph 466-4916

Marvin N. & Ilene Anderson, Mathew, Karen, Twyla and Daniel
Ceresco, NE 68017 ph 665-3747

DATES TO REMEMBER...

- Apr. 14-15 North East Gem & Mineral Soc Show, Plaza Mall, Norfolk, Nebraska
- Apr. 15 LGMC FIELD TRIP - Odell and Wymore area
- Apr. 23 7:30 PM...LGMC '73 Show Committee meeting, Nebraska Hall, Rm. 122
- Apr. 26 7:30 PM...LGMC '74 Steering Committee Meeting, Nebraska Hall, Rm. 122
- Apr. 28-29 Earth Science Club Rock Show, Kline Campers Center, Chadron, Nebraska
- May 4-6 Oklahoma Rockhound Friends, Morris Mem. Bldg., Jet, Oklahoma
- May 5-6 Coteau des Plains Gem & Min. Club Show, Watertown, South Dakota
- May 5-6 All Iowa Round Up, Ann'l. Rock Festival, Chautauqua Shelter, Storm Lake, IA
- May 12-13 LINCOLN GEM & MINERAL CLUB SHOW, EXPOSITION BLDG., STATE FAIRGROUNDS, LINCOLN, NEBRASKA
- May 19-20 Hot Springs Gem & Min. Show, City Auditorium, Hot Springs, South Dakota
- June 6-7 100th Meridian Rock Club Swap, Fairgrounds, Lexington, Nebraska
- June 9-10 Nebraska State Swap, Hebron, Nebraska
- June 16-17 Homestead Gem & Min. Club Show, Chautauqua Park, Beatrice, Nebraska
- Aug. 18-19 Northwest Nebraska Rock Club Show, Crawford, Nebraska
- Sept. 1-3 Nebraska Mineral and Gem Club Show, Nat'l Guard Armory, Omaha, Nebraska
- Sept. 28-30 Nebraska STATE Show, North Platte, Nebraska
- Sept. 29-30 Cedar Valley Swap, Cedar Rapids, Iowa, Isaac Waiton Club-NE 42nd St.
- Oct. 13-17 Mid-Iowa Show, Fisher Comm. Center, Marshalltown, Iowa

FEDERATION SHOWS...

- June 15-17 Rocky Mt. Fed. Show, Oklahoma City, Oklahoma
- June 28-July 1 AFMS and Eastern Fed. Show, Charlotte Mdse. Mart, Charlotte, N. Carolina
- July 26-29 MWF Convention and Show, Convention Center, Cincinnati, Ohio

DON'T FORGET...SAVE YOUR BETTY CROCKER COUPONS FOR THE SCHOLARSHIP FUND...bring them to the meetings or send to Helena Baegl, 1201 N. 25th 68503

LAST MONTH

In spite of a cold rain, 79 members and 19 visitors attended the February meeting of the Lincoln Gem and Mineral Club.

Following the business meeting an interesting illustrated talk was given by Joe Rott, Planning Director of the State Technical Agency at the State Capitol. He told us about his work as an agricultural specialist in the Peace Corps in Minas Gerais, Brazil. Minas Gerais is located 2,000 miles inland in the heart of a great mining region. Many of the slides showed scenes in this area. Of special interest were views of the interiors of caves showing the cave deposits in their natural color.

He told us that the official language of Brazil is Portuguese. He showed views of Brasilia, the new capital, and Belo Horizonte. The buildings are ultramodern and very much like the newer buildings in our large cities. It was interesting to note Philco signs, as well as other signs that we see in the United States.

He told of a road-building project which turned up a 300 pound aquamarine, the world's largest. It rolled down a hill and laid unnoticed for a year. The rains washed off the dirt, and it was discovered by a shepherd. Its worth is still undetermined--probably several million dollars, perhaps a billion!

Well-cut Imperial Topaz brings a very high price in Brazil. Good topaz is almost as hard as a diamond, and is often mistaken for one. He told us to beware of topaz that sells for \$1.25 a carat.

Mr. Rott had on display beautiful gem stones from Brazil. There was aquamarine, topaz, including the rare blue topaz resembling aquamarine in color, and of course agates.

Since agates and minerals from Brazil was our rock feature for the month some of our members brought gems and minerals from there to display. Mrs. Everett's collection was the prize winner, receiving the most votes from members.

Larry Bigley gave a talk about the field trip to Odell and Wymore. He also displayed hard hats and protective glasses, and took orders for them.

Linda Parks won the door prize--a Western Gem Hunter's Atlas--courtesy of Lynn and Marie Wells.

Little white snowdrop! I pray you arise;
Bright yellow crocus! Come, open your eyes;
Sweet little violets, hid from the cold,
Put on your mantles of purple and gold;
Daffodils! Daffodils! Say do you hear?
Summer is coming! And Springtime is here!

-by-

Emily Huntington Miller



BOARD MINUTES....

The Lincoln Gem & Mineral Club Board Meeting was held April 5, 1973 in room 122, at Nebraska Hall at 7:30 P.M..

Board members present: Roger Pabian, Nelda Oliver, Ralph Ulrich, Tom Simmons, Don Eckel, John Harrison and Don Lawson and Jim Parks.
Committee members: Kay Ulrich, Norma Miller, Evelyn Ulrich, Marita Bigley, Art Howlett, Frank Rule, Phyllis Parks, Pat Lawson. Guest and assistant to Art Howlett, Paul 'Stan' Greenwade.

The minutes of the March meeting were read. Motion by John Harrison to approve minutes as read, seconded by Don Eckel.

The treasurers report was read. Motion by Don Lawson to approve as read, seconded by Don Eckel.

Bills were presented and motion by Tom Simmons to pay bills, as read, seconded by John Harriosn.

The President read announcements of coming shows and swaps.

Ralph Ulrich gave reports on the 1973 show for committee people. There will be 'spot announcements' on KFOR Radio, thanks to Don Eckel. John Harrison can use volunteer help at the registration & information desk. Glen Ulrich can also use help in the 'working' work shop. There will be two trophies for open display furnished by Tom Simmons and Irl Everett. The club may have to furnish a trophy for Best in Show.

Marita Bigley announced the following applications for membership: Lois Terry and family, Earl & Lorene Messelhisier, Gladys Workman, Marvin & Ilene Anderson and family. Motion by Ralph Ulrich to accept these names to membership, seconded by Tom Simmons.

Art Howlett reports the Pick & Shovel staff all have back up assistants.

Old Business: Larry Bigley, not present to report on dairy van. Tom Simmons & Dick Hornung have a ceiling price of \$200.00 for a van. If one is found for "\$200.00 or less the board will have to approve, before it can be purchased.

New Business: Phyllis Parks asked about purchase of a new typewriter for the club, to help with the 1974 show typing, and for use as a club typewriter when the old one breaks down. Ralph Ulrich appointed Phyllis Parks and Norma Miller as a committee to study what is needed and prices. They are to report to the 1974 Steering Committee meeting April 26, 1973.

Next Steering Committee meeting April 26, 1973.

Next Board meeting May 3, 1973, room 122, Nebraska Hall, 7:30 P.M..

This paragraph was missed in typing last months minutes, sorry.

'A discussion was held on Field Trip guides being worked up by the field trip committee. A motion by John Harrison we allow \$15.00 to field trip committee for publication of field trip guides, seconded by Don Lawson.

Nelda Oliver, Secretary

Thanks much Phyllis and Evelyn for helping proof the 1973 Who's Who.

And 'Thanks' from everyone to Nelda for the tremendous job she did in preparing, assembling and dispensing the 1973 Who's Who. Lots of hours of work involved. - via your publisher (but only the cover for this years address book.)

NEW LOOK ! ! ! !

You will note the revised appearance of the back cover which we use as a label and important reminder page. The little owl was submitted by Glenna with her Gleanings and selected by our editor as a timely note. The following writing accompanied the HOOTER as printed in our Nebraska map:

"In this relatively unspoiled part of Nebraska, it seems that pollution could never be a problem, but environmental protection here, as anywhere else, is a must. One unsightly piece of litter left by each of thousands of visitors adds up to ugliness. So stash that trash in a litter bag, save it for the garbageman back home. He gets paid for dumping it. Man is the spoiler of the environment, of wildlife, and of plant life. In the summer, acres and acres of dry-grass prairie can be destroyed by one match or one campfire not properly doused. The Pine Ridge, or Box Butte Plains, and the Badlands are the sort of natural wonders that are becoming more and more rare. Locked in layers of rock are the secrets of centuries gone by. Don't lock the secrets of our generation in a layer of trash. Your children and your children's children will understand and appreciate your concern."

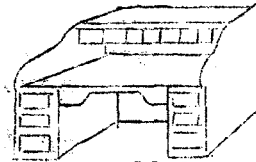
"MAMMOTH EVENT" NOTES- from Phyllis

You'll find no minutes of a 1974 Show Committee meeting this month as we skipped from March 1 to April 26 for the regular meeting. There's much to report of enthusiasm and activities related to preparations and planning for the event though. Various of the Steering Committee and '74 Show Division Directors have having committee meetings and encouraging progress has developed. This includes Building and Site, Publicity, Registrations, Special Features, and Security. Several outstate clubs have invited visits and enjoyed discussions about the 'Mammoth Event'. Our big, bright banner has been on display at several regional shows including the annual Central Nebraska Rock Show at Hastings.**

Just found this note:- ATTENTION LGMC MEMBERS: If you find any references to the 1974 Show in any of your publications, will you please clip them and send them to me? We are going to write a history of the 1974 Show and would like to have all such information. signed Evelyn Ulrich, Contents Editor and Assistant Secretary, 1974 Show.

Added thoughts- If you don't want to clip it make a note of its source and we will try to secure copies for our files. Special note to all involved persons- Copies must be kept of all correspondence, advertising, or other written material and given to the secretary department for our History. Get them to either Evelyn Ulrich or myself-Phyllis Parks

** Speaking of the Hastings Show-Jim, Linda and I went up on Sunday and spotted in the crowds the John Harrisons, the Frank Krejcis, the Ray Grabbers, Frank and Tom Rule, Roger Pabian, and the Don Glesses. We hear that the McGinnis two and the Greenwades had been up earlier. It was a fine show (as it always is) and we enjoyed the many fine displays which are exceptionally well lighted. We were quite pleased to see the fine displays from our own Lincoln 4-H group and the numerous displays from a Clay County 4-H group working in geology. Flaudits to Darline Janzen, show chairman for a job well done. pnp



FROM THE PRESIDENT'S DESK:

The date of the Show is quickly approaching. I hope we all have our show plans made by now. Some of the members were able to borrow cases a bit early due to a severe roof leak in the storage building. Several cases suffered some damage; however, a couple eager members volunteered to repair those. None of the damaged cases had broken glasses, most of the damage being confined to the joints at which water loosened the glue bonds. This incident points up the need for more suitable storage areas and meeting quarters. In addition to the case problem, chairs have become a problem at the monthly meeting.

We now have 161 adult members and 27 juniors. These happy statistics have, however, left a few members standing during the regular meeting. Generally, there are a number of empty chairs near the front of the meeting hall. To help the overcrowding of the meeting hall, I am requesting that all members take the seats closest to the front of the hall at the start of the meeting. This should help facilitate the running of the meeting. Even when this request is filled, we will still have a few members left standing. The above should point out the need for a larger meeting hall and more adequate storage space.

Bill Sidmore and I had the pleasure of attending the open house sponsored by the Prairie Rockhounds of Ogallala. The purpose of their open house was two fold. First, the Prairie Rockhounds have constructed their own superb display cases and tables, complete with cloth covers and they wished to show these fine display media to the public. Secondly, they wished to acquaint more of the general public to the hobby of rock collecting. The displays in the cases were the finest I have ever seen and the new cases and tables added the real professional air to the entire presentation. The whole event was a very favorable public presentation of rock collecting and rock collectors. The show was a real credit to the rock collecting fraternity. President Bob Young and the Prairie Rockhounds can be very proud and happy with their achievements. Both Bill and I agree that visiting the show was a very pleasant experience.

In addition to renewing a lot of old acquaintances at Ogallala, and making a few new ones, Bill and I were able to take in a few days of collecting in the hills in Deuel County. We found quite a bit of wood and some agate and jasper. My first collecting experience in Nebraska's next to the smallest county took place in the fall and winter of 1965 while I was working on the geology of the proposed interstate highway route. One of the first things I became aware of was a large variety of wood and agate in the several large gravel and borrow pits we set up. I collected what I could then and still have much of the original material I collected. Most of the local rockhounds were able to do a great deal of looking when the pits were activated. Now the pits are deactivated but they still produce some nice specimens. It is a very thrilling experience to see a modern highway carrying heavy traffic at 70 miles per hour speeds over an area I once walked across as open prairies just seven years ago.

Things are shaping up rather quickly for the '73 show. All of our feature displays and programs are ready. The advanced tickets have been distributed and the publicity campaign is going into its final few weeks. Much material has been collected for the rock pile. This is one of the favorite attractions of the show especially for the younger set. Larry Bigley asks for any excess material you might wish to donate to this worthy cause. George and Glenna McGinnis have found a highly recommended slate of dealers so now is the time to save your pennies to get some of the choice materials they will have to offer. Above all, I want one display, at least, from each member. If you are unable to display, we need some workers in the open shop, workers selling and taking tickets, workers in the rock pile, and workers setting up. Above everything, I want all of our members and visitors to the show to have an enjoyable two days at the forthcoming show.

Will see you all at the meeting.

Roger Pabian, President

The following poem was written by your editor's mother, Mrs. Kathryn Weiser Babcock, Febr. 19, 1910.



'Cheer up, for the springtime is coming!
The robin is singing today,
And I, who've grown weary of winter,
His cheerful command will obey.

Grim winter a long time has held us
With fetters so cruel and cold,
But now the sweet spring that's approaching
Will soon all her beauties unfold.

Bright blossoms will soon deck the window,
Spring flowers will bloom 'round our door,
And in all the bright sunny weather
We'll remember cold winter no more.

Then hail to the springtime that's coming,
With sunshine and flowers so gay!
And welcome the dear little robin
That sings of her coming today.

* * * * *

APRIL



April was the second month of the ancient Roman calendar. Its name probably is taken from the Latin, aperire, "to open," in allusion to its being the season when trees and flowers begin to open. The natal stone for April is the diamond with sapphire as the alternate stone. The Zodiacal sign is Taurus and the flower is the daisy.

* * * * *

The diamond is the emblem of fearlessness and invincibility. It was thought to bring victory to the wearer, by endowing him with superior strength, fortitude, and courage. It was supposed to drive away nocturnal spectres; for this purpose it should be set in gold and worn on the left arm.

The devil was a great enemy of this stone because it resisted his power by day and night. The diamond was often associated with lightning, and to owe its origin to the thunderbolt. The diamond, it was believed, was consumed or melted when it thundered.

The Hindus classed diamonds according to four castes:

- The Brahmin diamond gave power, friends, riches, good luck.
- The Kshatriya diamond prevented approach of old age.
- The Vaisya stone brought success.
- The Sudra, all manner of good fortune.

The diamond must be given as a gift--never sold--or the spirit within it would be offended and leave making it worthless.

from the book The Curious Lore of Precious Stones by George Freerick Kunz. Copyright 1913 by J.E.Lippincott Co. Renewal 1941 by Mrs. Ruby Kunz Zinsser. Used by permission J. B. Lippincott Co.
Evelyn Ulrich

WHAT ABOUT A SHOW FOR 1973?

Just a few words to remind you that our fifteenth annual show is scheduled for May 12th and 13th in the Exposition Building at the State Fair Grounds. The contract for the use of the buildings has been signed and Don Lawson will be in charge of the arrangements and set up. Set up time starts at 1:00 PM on Friday and take down should be completed no later than 8:00 AM on Monday.

George and Glenna McGinnis have lined up eight dealers who operate out of Minnesota, Kansas, Tennessee, Iowa, Nebraska, California and Oregon.

Show flyers were ready for distribution at the Greater Kansas City Show thanks to the diligent efforts of Roger Pabian our publicity chairman. He has the instruction and registration sheets for the competitive displays and is well underway with the mail advertising campaign. Each of you should remember to take show flyers and registration sheets with you wherever you travel and distribute them for us. Let's spread the word!!!

You may look forward to some very special features this year. Patty Jo Lawson has been busy writing and phoning to arrange all these goodies. She has the fascinating "pictures in wood" by the Kenfield brothers, silversmithing by Henry Meyers, Vone Luthi and her Crinoid Circus, and Roger Pabian has agreed to show his fabulous collection of agates all at one showing for the first time anywhere. There are many others too, that Pat has lined up.

Glen Ulrich will manage the working shop exhibit for us. He can really use some help here, not only in the way of machinery and tools, but also lapidaries to demonstrate the art.

Don Carter is slated to supervise the swap area. Contact him for any further particulars.

We will offer ribbons and trophies for competitive displays again this year. Sally Heald is chairman and she will be calling you, if she hasn't already, to help with the registration, labeling the cases, and to clerk for the judges. Official entry forms and the premium list are available. Contact either Sally, Roger Pabian, or write to Competitive Chairman, Lincoln Gem & Mineral Club, Box 5342, Lincoln, NE 68505.

Now hear this! Be sure to get your tickets for the Awards and Recognition Banquet which will be held Saturday, May 12, at 10:15 PM in the lower level of the Fair Grounds Administration Building, located just about a block from the show area. Marie Wells has really worked on this activity and has come up with a real plus. The meal is actually worth the total cost of \$2.50 but you will also get to hear Dr. G. B. Dunning who is a most fascinating speaker. He is a licensed psychologist and a senior staff member of the University Counseling Center. During the banquet program the trophies, ribbons, and recognitions will be presented.

You may buy your tickets from Lois and Irl Everett, or see Marie Wells, for the low price of \$2.50 including tax.

Norma Miller is in charge of recognitions and courtesy and has been rounding up the certificates, trophies, and ribbons so you can be sure she has the very best coming up.

(continued next page)

WHAT ABOUT A SHOW FOR 1973 (continued)

Advance tickets for admission to the show will be "twofers" again this year; buy one and get another free. We can use all the help we can get here because it is not only selling the ticket but also a way of advertising the show. Get your supply of "twofers" from Marie Wells. They sell for \$1.00 a pair, and you will be spreading the word. This year we are offering a \$5.00 award to the Junior member who sells the most tickets - one stipulation, in order to qualify the recipient must have sold \$10.00 worth. The tickets sell for \$1.00 a pair, if purchased in advance, otherwise admission at the show is \$1.00 for adults, 50¢ for children under 12 or children who are accompanied by an adult will be admitted free. Contact Marie Wells for your supply of "twofers"! We also need volunteers to sell and take tickets at the show.

We will have open displays again and an enormous trophy for the one judged best is being offered by Irl and Lois Everett. You may make arrangements by calling Mrs. Tim Jeurink. She will supervise this activity and either be the judge or appoint someone. Remember though, in order to qualify for the trophy the display must utilize rocks, minerals, gemstones or fossils for the major part of its components.

Ray Ulrich and Frank Rule are in charge of the programs and lectures. They have made arrangements to have Pete Huntoon present his program on the Geology of the Grand Canyon. There will be several other subjects offered which will all add up to a well rounded program.

Be sure to get your donation for the Rock Pile to Larry Bigley. If you would like to help out during the show give Larry a call.

The Black Light program will be headed up by Don Eckel. Those of you who specialize in this field please give Don a call. I am sure he can use some help.

Guest registration and information is going to be run by John Harrison, Jr. He will need volunteers to be present during the show.

Frances Tracy has consented to make the necessary arrangements for the historians display.

I would like to remind each of you to work on your displays for this show. We are going to host the national show next year and it is going to be the biggest show ever to come to Nebraska. We certainly want to give the general public a preview of how great this club can do in putting a show together, so don't let up now. Let's show 'em in 1973.

-Ralph Ulrich, Chairman - 1973 Show

APRIL PROGRAM...The Lancaster County heart mobile unit will demonstrate first aid procedure to victims of a heart attack at the Clubs' April meeting.

Knowing what to do in those first crucial minutes of a heart attack may be the difference between survival and death for the victim.

Members will be given an opportunity to practice artificial resuscitation. In addition to the demonstrations information on how the unit is financed and how their service is obtained will be discussed. This life saving information will be of benefit to all of us attending the meeting.

-Marie Wells, Program Chairman

1973 SHOW GET TOGETHER

None of us are ^{too} old to enjoy an hour together for a buffet supper right after the close of the show on Saturday.

Dr. G. B. Dunning will delight you with his wit and humor while very forcefully driving home his points. He will speak on "Competition and Awards" and his comments could very well vary from sex competition in the birds and the bees to competition and rewards as experienced in every day life.

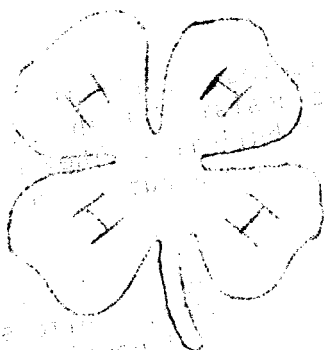
When Irl Everett reads this he will know for the first time he is going to be a part of the program, but he doesn't know what he's going to do until that night. You won't want to miss that as well as another surprise feature.

Hurry--Hurry make reservations with Irl and Lois Everett or Marie Wells. Make your checks payable to the Lincoln Gem and Mineral Club; price is \$2.50 per plate which will give you an evening of fun you will long remember. Also we will know the winners of all the lovely trophies.

Did you see the one Irl and Lois are presenting for the Best Open Display? Beautiful!

-by-

Marie Wells



4-H CLUB ACTIVITIES

You heard the president of the Petrified Pebble Pups make an announcement at the March meeting. Brent Jones along with his parents are now members of the club. 4-H members are raising money for a 4-H Camp to be constructed near the Gretna Fish Hatchery. Members of the L.G.&M.C. can help by saving papers. Bring your papers to the office of the County Extension Office,

located at 5608 South 48th, off Hiway 2. These papers must be in before May 1st.

April 14th members of the 4-H rock club will participate in the county wide clean a mile project. This group has asked to clean the same mile they cleaned last year. They will be anxious to learn if it will be a cleaner mile than it was or do people continue to litter? This project of community service fits right in with our Johnny Horizon project. Why not members of the club show up too for such a worth while effort or sponsor one?

Those of you going to the Hastings Show look for the 4-H Club display there.

A thing of beauty is a joy forever. by John Keats

Life is a grindstone and whether it grinds a man down or polishes him up depends on the stuff he's made of. via The Gem News

EDITORIAL: THE CLUB BULLETIN

Each month you receive a copy of the PICK & SHOVEL. Its purpose is to keep you informed. One of its most important functions is to tell you about the coming meeting. This, it is hoped, will arouse your interest, and bring you out to the meeting. A "Last Month" article lets the absent member know what he has missed. Other features include reports of officers and committees, a gossip column, field trips, collecting experiences, travel stories, educational features, shop hints, Pebble Pups news, a safety column, and announcements. Interesting items from Exchange bulletins are frequently printed, and news of other club's activities and what's happening in the Federation are also included in the bulletin.

Getting the information to you entails much planning and a lot of work. For this reason our president, Roger Pabian, decided it would be a good plan to form a group of workers to put out the bulletin instead of depending upon only two individuals, the editor and the publisher, to do the entire job. There seems to be some doubt in your minds as to who does what, so here is an account of how the PICK & SHOVEL staff operates. Art Howlett is our business manager. He transacts all the business that is associated with the bulletin, and other publications put out by the club. He procures supplies, calls meetings of the staff, and acts as chairman. He mails the completed bulletin, and represents the staff at the General Board Meeting. Evelyn Ulrich is the editor. She is responsible for the contents of the bulletin. All articles for the Pick & Shovel should be given to her. Her address is 3521 S. 48th St., Lincoln, NE 68506. Telephone number is 488-9051. Debbie Ulrich assists her in selecting articles from exchange bulletins, and in doing the typing.

After the plan for the bulletin has been made - materials collected and illustrations selected - the copy is sent to the stencil cutters. They also assist with the layout. These people are of course very important in putting out a good bulletin. They are: Norma Miller, Jan Holmquist, and Eileen Stroud. The illustrations are put on the stencils by Jim Parks.

The finished stencils go to our publisher, Phyllis Parks. She has been at this job for eleven years. We depend a lot upon Phyllis. She and Norma, editor for quite some time, have been a great help in coaching a new staff. They are wonderful people, and we greatly appreciate them.

The printed material is assembled by a group of club members at the home of Larry and Marita Bigley. Marita addresses the labels each month for both member and exchange copies of the bulletin. The finished product is mailed by our business manager, Art Howlett. Art's assistant is just getting broken in - he is Stan Greenwade. Another helper in many ways is Nelda Oliver. One of her big jobs has been organizing and typing stencils for the Who's Who, assembling it and getting it to the member.

Please feel free to contribute articles to the Pick & Shovel. Remember it is your bulletin. We want you to have a part in it.

- Evelyn Ulrich, Editor

THE MOST BEAUTIFUL THING WE CAN EXPERIENCE IS THE MYSTERIOUS.
IT IS THE SOURCE OF ALL TRUE ART AND SCIENCE. HE TO WHOM THIS
EMOTION IS A STRANGER, WHO CAN NO LONGER PAUSE TO WONDER AND
STAND RAPT IN AWE, IS AS GOOD AS DEAD: HIS EYES ARE CLOSED.

- Albert Einstein via "Gems"


 APRIL 15 FIELD TRIP SCHEDULE

Morning Destination: Odell, Nebraska
 Date: April 15, 1973 Time: 8:30 A.M.
 Registration Site: Hiway 8 Intersection at Odell
 Round Trip Mileage: 110 miles Driving Time: 2 hrs. 30 min.
 Material to be obtained: Barite Roses - Odell Diamonds
 Equipment For This Trip: Tweezers, small containers, clothing per weather
 Possible Site Hazards: Water Shed Lake & Dam - Sore Knees

Afternoon Destination: Wymore, Nebraska
 Leave Odell - 11:30 A.M. Arrive Wymore for lunch - 12 noon
 One Hour Lunch, Rest Break & Registration at Park

There are two sites at Wymore:

Site 1-- The Old County Quarry

Material To Be Obtained: Various Colored Calcites, and other minerals

Possible Site Hazards: Rock Overhangs - Sore Backs - Hard Hats a Must

Site 2 - Emerson Farm (This is a fee site, approx. \$1 to \$1.50 per person)

Material To Be Obtained: Blue Celestite Geodes

Possible Site Hazards: Poison Ivy, a Creek, Sore Backs, Rock Overhang

Equipment For These Two Sites: Sledges, Rock Picks, Pry Bars, Wedges, Paper
 to wrap Specimens, Containers (egg cartons and
 Sturdy boxes), tape.

I want to say a special thank you to all who bought Hard Hats and Safety Glasses. By buying in quantity we were able to save everyone money. The total was much larger than I expected: Hard Hats 38, Safety Glasses 50 pr., Safety Goggles 3 pr.

I hope very truthfully that no one will get into the position that this equipment is needed but at least I know that the field trip people have these items and that I as Field Trip Chairman have tried to do my best to ensure safe field trips and safe returns from them.

To those of you that carry first aid kits in your vehicles will you please let me know so that I can have some idea what is available on our outings in case it is needed. Also those of you that have 2-way radios or walkie-talkies let me know what channels you can operate on.

As most of you know the rock pile for our May '73 show is in need of material. Anyone who would like to contribute to it please call me at 466-0211 so I can pick it up and wash it down before the show. Some of the material last year was quite dirty and I don't believe it enhanced our sales. This year we are looking for a little variety so please no leaver-rites.

Thank You - Larry Bigley, Field Trip Chairman

NOTICE...Anyone who would be able to help in the information booth during the 1973 Show, please call John or Lee Harrison - phone 792-3825 (toll free)

ANOTHER NOTICE...Due to the change in the date of the May meeting, all articles for print in the May issue of the PICK & SHOVEL must be in by April 30. Please send to Evelyn Ulrich, 3521 S. 48th St., Lincoln, NE 68506, Editor

DITTO...If you know of any club members who are ill, in the hospital, or need remembering in any way, please notify Marie Carveth - phone 432-9100.

AWARD BUFFET SUPPER

An outstanding event in the 1973 Show will be the Award Buffet Supper. There are three reasons why you won't want to miss it. First, awards will be presented to the owners of winning displays; second, a delicious fried chicken supper will be served, and third a real treat- Dr. G. B. Dunning of the University will be the guest speaker. If you have ever heard him speak you will want to hear him again.

Dr. Dunning received his doctor's degree from the University of Nebraska in Counseling Psychology and presently is a senior staff member of the University Counseling Center. Dr. Dunning also holds degrees from Manhattan Christian College and Dana College with academic emphasis in history, psychology and religion. His Master's degree work was taken at the University of Nebraska in Guidance and Counseling. He is licensed as a psychologist by the State of Nebraska and holds a Nebraska Psychological Examiner's certificate. He has a Life Professional Teaching Certificate and Supervisory and Administrative endorsements from the State Department of Education. Dr. Dunning teaches graduate classes in the Department of Educational Psychology and Measurements.

Dr. Dunning has published in professional journals and has co-authored a training manual for counseling psychology. Special interests of his include nonverbal communication, marriage counseling and sexual dysfunction counseling and affect training. With a colleague at the University of Nebraska, he is writing a book on Human Interaction and with a doctoral student is preparing a manual on marriage counseling.

If you love nature and enjoy the beauty of mountain scenery, you'll be captivated by this word picture in rhyme by Nancy E. Dugan, the daughter of our program chairman, Marie Wells.

Darkness covers the mountain tops
And into the valley like a curtain drops.
The stars come out one by one.
And erases from the mind all thoughts of the sun.
The moon appears as a round golden ball
And you realize that you are ever so small.
The snow on the mountains sparkle and glisten.
For the sounds of the evening you wait and listen.
You can hear the wind as it blows through the trees.
You shiver a little at the cold night breeze.
The river rushes down the rocky bed
While a million thoughts rush through your head.
The mountains are barely visible now.
It makes you wonder, If not God, How?

Nancy accompanied a group of youth from Sidney, Nebraska to Hidden Valley, Colorado on a skiing trip the week end of March 3rd. She wrote these lines on an old grocery sack she had in the car as they drove through the mountains to Estes Park at dusk.

GLENNA'S GLEANINGS

Gary Eckel, son of Mr. & Mrs. Don Eckel, returned to his base in California after an eleven month tour on the carrier Midway in the west Pacific.

Helena Baegl reports she has collected 914 Betty Crocker coupons so far in 1973, making a grand total of 6,974 the club has sent to the Scholarship Fund since April, 1964. Keep 'em coming, friends!



Tam Dutcher was hospitalized earlier this month but is home now and feeling better. How about some calls?

Ralph Ulrich and Mr. & Mrs. Howard Taylor visited the Northwest Nebraska Gem & Mineral Club meeting in Norfolk. Howard promoted the Midwest Federation and Ralph got in his two-cents worth about our coming National Show.

Judy Louthan, daughter of longtime members, Ruth and Everett Weber, made them grandparents on March 5th to a 5 lb. 3 oz. baby girl named Barbara Anne. Our heartiest congratulations!

Randy Miller, son of Mr. & Mrs. Perry Miller, was one of those honored for outstanding work in school theater as a member of East High's newly-formed International Theatrical group.

Phyllis Parks reports that as of the last meeting, the club membership totals 161 adults and 29 juniors. How about that? We're growing.

Marie Wells is home from the hospital recuperating from surgery of March 28th. I'm sure she would appreciate cards and calls from her many friends.

Sympathy is extended to the Ewald Pauls on the death of his uncle, Mr. Fred Paul of Beatrice.

Please check the March and April issues of the Lapidary Journal for some very kind words about our club by June Zeitner in her article about the cabachons contributed to the AFMS Silver Anniversary celebration.

This seems to be the month for hospital stays. Marita Bigley returned to St. E's for a short visit to have the pin removed from the ankle she fractured earlier this year. Also just received word that the Rev. Raymond Pfeiffer entered Bryan Hospital on April 4th for possible surgery. Rally 'round for encouragement, folks!

Willie Lawson is back to school after an extended siege of the flu bug.

That's all for now.

-Glenna McGinnis

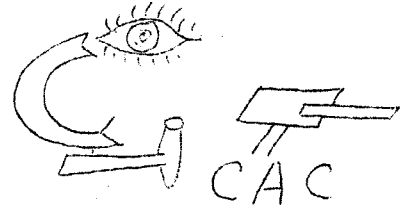
PS: Ralph Ulrich and Roger Pabian visited the Loup Valley Gem & Mineral Club meeting this month. Ralph spoke a bit about the 74 Show and Roger conducted a slide-lecture program on the Mineral and Geology of Nebraska.

Also, Howard Taylor and Ralph Ulrich attended the Spring Meeting of the Executive Council of MWF last week-end. Busy people, eh what?

LATE NOTE- Dorothy Hornung was injured in a car accident recently...take care, Dot!

COMMUNITY ARTS COUNCIL

Community Arts Council met March 19th at 12 noon at Plymouth Congregational Church. The main feature was Lyric Soprano, Lee Dougherty, an affiliate artist. She is in residence at Doane College, Crete, Nebraska. She has a delightful voice and a colorful range of music.



Announcement was made of the Lincoln Gem & Mineral Show May 12-13, 1973 at the Fairgrounds. Mention was made of two of the main features, the Hong Kong Jade Carvings and the Sand Bottle art. The 1974 National Show was also announced.

-Raymond & Mildred Pfeiffer



VAJA CON DIOS - MAY GOD BE WITH YOU

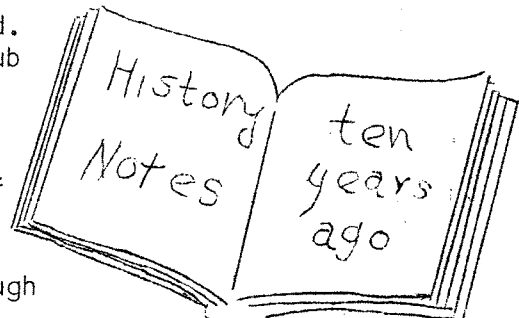
Cards have been sent this month to:

Tam Dutcher (get well)
 Marie Wells (get well)
 Rev. Raymond Pfeiffer (get well)
 Marita Bigley (get well)

At our April meeting Tom Simmons read a letter from the Lincoln State Hospital Occupational Therapy Department thanking us for the rocks they had received. Everett Weber reported that 97 specimens from 14 club members had been placed in two special cases at the University.

The membership was asked to try and stump a panel of members - Velma Bloyd, Norman Engelhart, Dr. R. D. Gibson, Dick Hedges, Tom Simmons and Maurice Tracy. The panel was kept busy during the program and through most of the coffee hour.

-from the notebook of Historian, Frances Tracy



TIPS BY LEFTY

To polish Lake Superior Agate: It is very sensitive to heat and to bumpy wheels also. Both of these can cause fractures. Grind them on 220 grit wheels, then sand them on 320 grit wet sanders, keep wheels damp. Don't overheat.

Then on 600 wet sand paper, use magnifying glass to check for scratches. Polish on leather wheels using either tin oxide or cerium oxide - both are good polishing agents - "Caution, never over heat".

-Frank "Lefty" Rule

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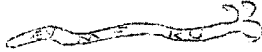


Lee Pavel
 L.P. Enterprises

LIBRARIAN CORNER

Happy April Days: Spring has sprung - really now, it has! Happy days for tripping and hunting are coming up. We have some good books on hunting areas in the library. Also the club has subscribed to the Earth Science magazine and it has some fine informative articles.

I have been "chewing around" on course books at the University this month but hope to do some reading in the Lincoln Gem & Mineral Club library again in May. Meet me there for the April meeting, April 28, 1973.



-from the little old bookworm

MINING IN NEBRASKA... The possibility of mining rare earths from an unusual geological formation in Johnson and Pawnee counties here in Nebraska appears to be in for definite exploration. Dr. Vincé Dréeszen, director of the University of Nebraska Conservation and Survey Division said some 6,000 acres between Steinauer and Elk Creek are being considered but that the main emphasis is on less than half that acreage.

A 952 foot test hole was drilled two years ago in cooperation with the US Bureau of Mines. Core samples were analyzed and among the rare earths found were cerium, lanthanum, europium, gadolinium, neodymium and samarium. In all, there are 14 elements classified as rare earths, but the quality and quantity has not yet been determined.

You might be interested to know some of the uses - cerium helps form high-strength steel and ductile iron. Lanthanum is used in camera lenses and as a catalyst for automobile exhaust converters. Europium is used for color television tubes and in nuclear reactor control rods. The other elements have an even greater variety of uses.

It has been emphasized that any mining will be underground, strip mining is not being considered.

Excerpts from the Sunday Journal & Star, Lincoln, Neb. 3-21-73 (nm)

GEOLOGICAL SURVEYS CAN PROVIDE VACATION MAPS to those out of the way places. Summaries of the addresses close by are:

ARIZONA

College of Mines
Arizona Bureau of Mines
University of Arizona
Tucson, Arizona 85725

KANSAS

STATE GEOLOGICAL SURVEY
University of Kansas
Lawrence, Kansas 66045

SOUTH DAKOTA

State Geological Survey
State University
Union Bldg., Lock Drawer 35
Vermillion, SD 57069

ARKANSAS

Arkansas Geological and Conservation Comm.
State Capitol
Little Rock, Arkansas

TEXAS

Bureau of Economic Geology
University of Texas
Austin, TX 78712

COLORADO

Colorado Metal Mining Fund Board
204 State Office Building
Denver, Colorado 80202

WISCONSIN

Geological & Natural History Survey
Science Hall, Univ. of Wisc.
Madison, WI 53706

IOWA

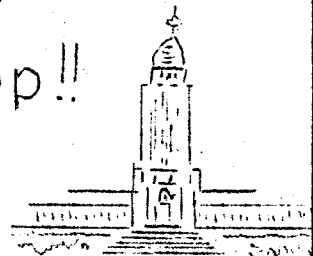
Iowa Geological Survey,
Geology Annex
Iowa City, Iowa 52240

WYOMING

Geological Survey of Wyoming
University of Wyoming
Laramie, WY 82070

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DON'T FORGET TO HAVE A DISPLAY

AT THE 1973 L. G. N. C. SHOW

"SATISFIED CUSTOMERS ARE OUR BEST ADVERTISEMENT"

TIPS FOR CUTTING BETTER BETTER CAPSULES by Roger K. Pabian

Many gem cutters make the mistake of trying to get too many stones from a single piece of rough material. Often a lapidary cuts many mediocre stones at the expense of a single prize winning stone. Most frequently these mistakes are made with agates and jaspers.

Agates can be divided roughly into two groups: banded agates and moss agates. When one cuts a banded agate, the most striking patterns are usually produced by the most strongly contrasting bands. The illustrations make it evident what stones are of higher quality and more pleasing to both the viewer and wearer. Even this advice must be heeded with moderation. Fractures, stains, and nicks should be avoided at all costs. The best result is usually obtained by using the most prominent bands for the subject of the stone.

Moss and plume agates present the same problems as banded agates. The lapidary should select the area with outstanding plumes to serve as subject of the stone. The cutter should avoid making large stones with border flaws as fractures, pits, and stains. It is to be remembered that neither size nor template fit are criteria for judging stones.

Jaspers frequently have scenic patterns and many are referred to with such names as Owyhee Picture Jasper. The cutter should attempt to work out the most artistic scene. The cutter should keep in mind that the picture has been formed by natural processes and that he must "frame" it.

The methods just outlined will result in abundant scraps, many of which will be small and of solid colors and ideal for matched sets as ear rings and cuff links, or for single items such as tie tacks. Smaller scraps can be tumbled. The lapidary should remember to select his agate and jaspers for pattern first and number of finished stones last.

* * * * *

The man who removes a mountain begins by carrying away small stones.
-Chinese Proverb

WORSE THAN RATTLESNAKES



You wouldn't fool around with a rattlesnake, would you? Well, then, be even more careful with a dynamite cap. They are, says Ronald Wallace, administrative aide to the Army Reserve unit here and a student of explosives, "A little like a rattlesnake, only worse."

A little bit of heat, a spark, a blow or even friction will make them explode. "All you have to do is drop one," he says.

Dynamite caps look like a very long 22 cartridge. They are usually copper, or aluminum colored. There are two common types. One looks like a shell with the bullet missing. The other has wires sticking out where the bullet should be.

They are usually found where there has been blasting. In the country it's where stumps have been blown out. In the suburbs, or cities they are sometimes found around construction sites. Ed. note: of course they may also be found in quarries.

Wherever you find them, leave them alone. And if you're not sure they are dynamite caps - just keep your hands off them.

"They are really powerful," says Wallace. Ounce for ounce, they're more powerful than dynamite." Most caps, he says, contain fulminate of mercury. When this explodes, it produces a shock wave that travels 24,000 ft. per second. One dynamite dealer said a cap is capable of lifting a 500 lb. weight off the floor when it explodes.

So, there's only one thing to do if you happen to run across a little tube, a little smaller than a pencil, with one end closed, or even with little wires running out of it - LEAVE IT ALONE. And there is a chance you'll find one. Dynamite dealers say they have never had one returned. -from the ROCK PILE vis the NEWS GRINDER

SOME EXCELLENT SAFETY RULES TO OBSERVE WHEN hunting in quarries are listed in the New Minerals and Gemstones of Nebraska by Roger K. Pabian. He warns:

1. Always obtain permission to collect. Even though the quarry operator may have given you permission to enter his property without first visiting him, be sure to let him know. It is to your advantage that the quarry people know where you will be so they will not "shoot" (detonate explosives) and will be on the lookout for you when dumping overburden from large trucks.

2. Never pull loose wires in rock quarries. These may be connected to explosives which did not go off during the regular blasting operations. The friction resulting from pulling a wire may generate sufficient heat to detonate the charge. Hapless collectors have lost life or limb from this type of accident.

3. Never climb on the rock faces in a quarry. The minerals you seek will almost always be in the rejected rocks on the dump piles. This is where you are expected to be. If rock faces have been severely shattered by blasting, kicking loose a keystone may bring several tons of rock down on the members of the collecting party.

AND THIS VIA AFMS NEWSLETTER...about first aid kits...three items that should be a part of every first aid kit or box of supplies are matches, castile soap and bicarbonate of soda. Matches can be used to sterilize a needle or knife blade. Soap (and water) can be used to wash an area of body exposed to poisonous weeds or any other poisonous or irritating substances on the skin and for cleaning superficial wounds. Soda (with water) can be used for cleansing, ease pain of itching and burning of insect bites, relief of indigestion, and numerous other uses.

THE WASHINGTON SCENE by Kenneth Zahn via AFMS Newsletter...The mineral collectors have lost a friend in the resignation of George B. Hartzog as chief of the National Park Service. Hartzog was accused of overdeveloping the national parks by radical conservationists but he was interested in multiple recreational use of public lands. Another loss was the resignation of Gene Morrell, director of the Office of Oil and Gas, who felt that hobbyists should be allowed to hunt for rocks on lands being explored for gas and oil.

* * * * *

Sen. Henry M. Jackson (D. Wash.) is seeking early action on six environmental bills dealing with strip mining, land use planning, expansion of water based recreation plans, public land laws, wilderness preservation and the Youth Conservation Corps. Some of these bills passed the Senate in the last session but will be introduced again. This time 211,000 acres in 11 areas in the eastern United States is affected for a change.

The National Coal Assn. lobbyists are again very active since strip mining faces renewed attack in the Senate. Secretary of The Interior Roger Morton is under heavy attack since he asked for a moratorium on legislation suggested by Sens. Frank Moss (D. Utah) and Metcalf (D. Mont.). The bill would have empowered the Dept. of Interior to prohibit mining on slopes of more than 20 degrees and to prevent creation of "spoilbanks" on a downslope above 14 degrees. The lobbyists are asking us to support strip mining since "rockhounds benefit from strip mining." I am not sure just how we do but would appreciate any information you may have on this aspect of the hobby. I see one area in all of Maryland, Pennsylvania, Kentucky, and W. Virginia where the strip miners have opened up a fossil area which provided some fine fern fossils in shale. Otherwise, I see mostly destruction of the whole landscape.

EO 11644 - OFF ROAD VEHICLE USE. This order would classify every acre of public land either open or closed. It would affect one-third of the nation's land, is unnecessary and unrealistic and would cost millions to administer. We oppose the order as it now stands. We recommend controls and closures on ONLY those public lands where irreversible damage from off-road use is imminent. The rest should remain open to general use. Write your letter to Mr. Wm. W. Lyons, Deputy Asst. Sec. of Interior, Wash., DC. Send a Copy to President Nixon, your two Senators and your Congressman.

ROCKHOUNDING. The non-commercial aspects of the hobby should be recognized by Congress as an important leisure time activity. Statutory provisions should be made direct to land administrators to make such rules and regulations as are necessary to promote the hobby and its use of natural resources materials. Write your letter to Robert F. May, Division Chief on Minerals, Bureau of Land Management, Washington, DC. Send copies to your Senators and Congressman. from The Council Reporter, via Rock Rollers, Spokane, Wash. - Nov., 1972 via SIES Club News 3-73.

In light of the above it has been requested we voice our wishes now by sending the following on a card or in a letter to The Advocates, P. O. Box 1972, Boston, MA 02134

"A recent TV debate as to whether recreation vehicles (and all motor vehicles) should be kept out of all OUR National Parks asked for your vote on the following question:

SHOULD PUBLIC USE OF OUR NATIONAL PARKS BE DRASTICALLY RESTRICTED?

How do you vote? Yes _____ No _____

Name _____

Street _____

City _____ State _____ Zip _____

(Tom Windle, Chmn Johnny Horizon Prog. & Elsie S. Matthews, Chmn. Conserv. Comm RMF)

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 P. O. Box 1130, Des Moines, Iowa 50311



Issue No. 134 - April 1973

Convention News

Site of the 1973 Midwest Federation Show is fossil-famous Cincinnati, the hilly Queen City nestled in the Ohio valley along the curve of the Ohio River. The show will be held July 26 -29 in the modern air-conditioned Convention Center.

One of the show's highlights will be the Saturday night Banquet-on-a-Boat, a four hour Ohio River cruise and buffet supper with music for listening or dancing.

Competitive and non-competitive exhibit information for the MWF show can be obtained from Displays Chairman, Gene Claybaugh, 5331 Thrasher Drive, Cincinnati, Ohio 45239.

A complete show information packet is available upon request from Show Chairman Terry Huizing, 5341 Thrasher Drive, Cincinnati, Ohio 45239.

CELEBRATE 25th ANNIVERSARY

On Feb. 24, the Independence Gem and Mineral Society celebrated its 25th anniversary with a dinner meeting and appropriate program. On that date in 1948, 12 persons met and set up a club organization. Since then, membership has grown to well over 100.

The Midwest Federation congratulates this club not only on reaching its Silver Anniversary but also that it has remained an active, growing organization. We wish the group many more successful years.

NEW GEOLOGY CHAIRMAN

is Wayne Henderson, 2186 Auburn Avenue, Holt, Mich. 48842.

WELCOME

La Crosse Fossil and Mineral Club, Francis E. Sawyer, Pres., 2730 Bluffview Place, La Crosse, Wisconsin. 54601. And Individual Members, Mrs. Daisy B. Skidmore, 253 Central Ave., Mountain-side, N.J. 07092; Ora G. Langham, 410 S. Park St., Mason, Mich. 48854.

Scholarship Percentages

Since the council Meeting at Ishpeming the following clubs have advanced their percentage status:

- 1800% - West Suburban Lapidary Club
Peru YMCA Rock Club
- 1700% - Richland Lithic and Lapidary Society
- 1000% - Waterford Gem & Mineral Soc.
- 800% - Dallas County Rock Club
- 700% - Lake County Gem & Min. Soc.
Illowa Gem and Min. Society
- 500% - Wildcat Geological Society
- 400% - Michigan Mineralogical Soc.
Family Lapidary Club
- 300% - Independence Gem & Min. Soc.
Euclid Lapidary and Min. Soc.
Ozark Earth Science Club
Lake Agassiz Rock Club
- 200% - East Central Wisconsin Rock & Mineral Club
Pike County Mineral & Gem Soc.

ALL CLUBS WERE SENT

MWF Program Aids manual last April 1972. Club Program Chairmen, if you don't have it ask your president or liason officer where it is. Additional copies can be purchased from Director of Supplies - Mr. Paul Blocher, Pearl City, Illinois 61062 at a cost of 75¢.

IN OUR MARCH ISSUE

we ran a story in connection with the closing of a mine in the Ishpeming, Mich. area. There was not space to print the letter to MWF President Lee Kirby from Mr. and Mrs. Frazier Tubbs regarding this matter. This letter follows.

Dear Mr. Kirby:

At Bob Markert's suggestion we have just written to Mr. Walter McCartney and are sending a similar letter to you about the closing of one of our favorite rock hunting areas - the Copper Country.

Since living up here we have had seasonal passes for the mine dumps in the Keweenaw. When we returned our passes this fall we received a notice from Mr. Randall Weege, Director of Geology for the Calumet Division of the Universal Oil Products Company which had been issued by the company last summer. A typed copy of this notice is enclosed with this letter. We called Mr. Weege to see what could be done about it and he suggested that we write to the company - the more letters the better. He is not in agreement with the ruling and says the company doesn't understand how important rock hounds are to the tourist business of the upper peninsula. Of course you know that those persons who hunt on the piles without permits are trespassing.

As we understand it the vandalism referred to in the notice was not done by rock hounds but by students from Michigan Technological University. They pried the wooden cap off the shaft in the Iroquois Mine and were going down in it to get mineral specimens which they were selling. They also set fire to one of the buildings in that mine. A security officer caught the offenders as they were coming out of the shaft and turned them over to the school authorities for punishment. However, the same students were caught again, doing the same thing. This time they were turned over to the local police. Under these circumstances we can hardly blame the UOP Co. for making the decision they did, but it is too bad that so many people should be affected by the actions of a few students.

Mr. Weege said the oil company doesn't realize how important Copper Country specimens are to collectors or how far they will travel to hunt for them. A number of years ago we met a nice couple in McLain State Park who were rock hounds from Massachusetts. We had so much fun hunting on the Keweenaw rock piles with them and have kept in touch ever since. There was a note on their Christmas card this year saying that they intended to come back this next summer to our Copper Country but they had heard about the closing of the rock piles from members

of their club in Massachusetts. They wondered if it would be worth coming back under these circumstances. Mr. Weege said the company should know about this so we will write and tell them.

As for injuries, we wondered if the UOP Co. shouldn't be told about the three field trip conventions held here at Ishpeming and Houghton. To our knowledge injuries consisted of one sprained ankle at the first Ishpeming convention, black fly bites and cuts and bruises sustained by hitting fingers with rock hammers.

Mr. Weege said the company is afraid of lawsuits resulting from injuries. Couldn't this be taken care of with the releases we sign at most hunting areas? We have seen local children in the Cooper Country doing things on rock piles that rock collectors wouldn't think of doing; for example, riding bicycles up and down the piles. How is the company going to stop them?

Recently there have been articles in the Marquette Mining Journal to the effect that the UOP Co. wants to develop their land holdings into recreational areas and to realize some income from their property. Mr. Weege mentioned this in our conversation. He said the company wanted to encourage tourism but didn't realize how many tourists are rock hounds. We have heard Mr. Frimodig of Michigan's Department of Natural Resources say that rock hounds are the best tourists the upper peninsula has.

Guess this explains the problem, now what do we do about it? We have suggested to the Ishpeming, State Line and Toledo clubs that they write letters, and also include articles in their bulletins. We thought we might drive up to Calumet one of these Saturdays, weather permitting, and talk to the man who owns the Ace Hardware store. He is very active in the local chamber of commerce and worked hard to keep the copper mines from closing. Frazier talked to Mr. Dominic Jacobetti, a Michigan State Legislator from this district, who was in the store one day. He wants to help us because he realizes what a blow the UOP Co. decision could be to Michigan tourism. He wants copies of the letters we send to the company. We will see that he gets them if they are sent to us.

Please contact us if you have any questions or suggestions. We hope the UOP Co. and the MWF can get together and work out some agreement that will permit us to enjoy our favorite hunting area again. When we say this we know we are speaking for a great many rock collectors.

**THIS IS YOUR LAND
KEEP IT CLEAN**

IS YOUR CLUB

now receiving a copy of the American Federation News letter? Each club in the AFMS is entitled to receive two copies. If your club is not receiving this monthly Newsletter, have your club secretary send your club name and the persons in the club who is to receive it to Parrot Printing Service, P. O. Box 1130, Des Moines, Iowa 50311.

We would suggest that the club officers to receive the Newsletter be the president, and/or liaison officer, and the editor and/or the secretary. However the decision is up to each club. The March issue was devoted to safety. The April and May issues will be carrying the news of the combined American and Eastern Federation show being held in Charlotte, N. C.

WHEN YOU DRIVE



IF YOUR CLUB

has a change of address to where your Newsletter is to be sent will you please send the address change to P.O. Box 1130, Des Moines, Iowa 50311. Include your zip code and please tell us who received the mailing so that we may remove this name and address from our file.

NEW LOOK ! ! ! !

You will note the revised appearance of the back cover which we use as a label and important reminder page. The little owl was submitted by Glenna with her Gleanings and selected by our editor as a timely note. The following writing accompanied the HOOTER as printed in our Nebraska map:

"In this relatively unspoiled part of Nebraska, it seems that pollution could never be a problem, but environmental protection here, as anywhere else, is a must. One unsightly piece of litter left by each of thousands of visitors adds up to ugliness. So stash that trash in a litter bag, save it for the garbageman back home. He gets paid for dumping it. Man is the spoiler of the environment, of wildlife, and of plant life. In the summer, acres and acres of dry-grass prairie can be destroyed by one match or one campfire not properly doused. The Pine Ridge, or Box Butte Plains, and the Badlands are the sort of natural wonders that are becoming more and more rare. Locked in layers of rock are the secrets of centuries gone by. Don't lock the secrets of our generation in a layer of trash. Your children and your children's children will understand and appreciate your concern."

 "MAMMOTH EVENT" NOTES- from Phyllis

You'll find no minutes of a 1974 Show Committee meeting this month as we skipped from March 1 to April 26 for the regular meeting. There's much to report of enthusiasm and activities related to preparations and planning for the event though. Various of the Steering Committee and '74 Show Division Directors have having committee meetings and encouraging progress has developed. This includes Building and Site, Publicity, Registrations, Special Features, and Security. Several outstate clubs have invited visits and enjoyed discussions about the 'Mammoth Event'. Our big, bright banner has been on display at several regional shows including the annual Central Nebraska Rock Show at Hastings.**

Just found this note:- ATTENTION LGMC MEMBERS: If you find any references to the 1974 Show in any of your publications, will you please clip them and send them to me? We are going to write a history of the 1974 Show and would like to have all such information. signed Evelyn Ulrich, Contents Editor and Assistant Secretary, 1974 Show.

Added thoughts- If you don't want to clip it make a note of its source and we will try to secure copies for our files. Special note to all involved persons- Copies must be kept of all correspondence, advertising, or other written material and given to the secretary department for our History. Get them to either Evelyn Ulrich or myself-Phyllis Parks

 ** Speaking of the Hastings Show-Jim, Linda and I went up on Sunday and spotted in the crowds the John Harrisons, the Frank Krejcis, the Ray Grabbers, Frank and Tom Rule, Roger Pabian, and the Don Glesses. We hear that the McGinnis two and the Greenwades had been up earlier. It was a fine show (as it always is) and we enjoyed the many fine displays which are exceptionally well lighted. We were quite pleased to see the fine displays from our own Lincoln 4-H group and the numerous displays from a Clay County 4-H group working in geology. Plaudits to Darline Janzen, show chairman for a job well done. pnp

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 State Association of Earth Science Clubs, Inc. (NAOESCI)
Community Arts Council of Lincoln (CAC)

REGULAR MEETINGS: 4th Saturday of the month, 7:30 PM, September thru May
W. O. W. Bldg., 732 S. 27th St., Lincoln, Nebraska

1973 ELECTED OFFICERS:

President-----	Roger Pabian	300 Sycamore Dr. Lincoln, 68510	489-3081
1st Vice Pres.-----	Ralph Ulrich	3909 Pace Blvd. Lincoln, 68502	423-0484
2nd Vice Pres.-----	Don Lawson	6328 X Street Lincoln, 68502	434-2427
Rec. Secretary-----	Nelda Oliver	5700 Otoe St. Lincoln, 68506	489-5222
Treasurer-----	James Parks	2435 S. 19th St. Lincoln, 68502	423-6798

1973 BOARD MEMBERS:

Tom Simmons-----	2970 South Street	Lincoln, 68502	488-1619
Howard Taylor-----	910 New Hampshire	Lincoln, 68508	432-3707
Don Eckel-----	3858 Randolph St.	Lincoln, 68510	488-3678
John Harrison-----	Hickman, Nebraska	68372	792-3825

STANDING COMMITTEE CHAIRMAN:

Liaison-----	Roger Simmons		
Hospitality-----	Virginia Green		
Refreshments-----	Bob & Carol Anderson		
Membership-----	Marita Bigley		
Vaja Con Dios-----	Marie Carveth		
Historian-----	Frances Tracy		
Librarian-----	Kathryn Ulrich		
Housing & Property-----	Frank Rule		
Field Trips-----	Larry Bigley		
Education-----	Phyllis Parks		
Program-----	Marie Wells		
Calling Committee-----	Wilfrid & Ollie Wittman		
Community Arts Council-----	Rev. Raymond Pfeiffer		
NAOESCI Reporter-----	Norma Miller		
Betty Crocker Coupons-----	Helena Baegl		
1973 Show Chairman-----	Ralph Ulrich	3909 Pace Blvd.-Lincoln, Ne. 68502	423-0484
1973 Rock Swap -----	Don Carter	-1101 Driftwood Dr. Lincoln, Ne. 68510	489-3442

1974 SHOW STEERING COMMITTEE:

Chairman-----	Ralph Ulrich	Vice Chairman---	Howard Taylor
Sec. & Show Dir.-----	Irl Everett	Financial Chmn.---	Bruce Simon

PUBLICATIONS CHAIRMAN:-Art Howlett

Publisher-Phyllis Parks

PICK & SHOVEL STAFF:-Editor-Evelyn Ulrich-3521 S. 48th St. Lincoln, Ne. 68506 488-9051

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Lincoln, NE 68505

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Member: Community Arts Council

Historian
3601 South St.
Lincoln, Nebraska 68506

"THE PLACE TO GO IN 74"
Nat'l Gem & Mineral Show
June 13-16 Lincoln, Nebr.

HOST TO
NATIONAL GEM AND MINERAL SHOW, June 13-16, 1974

LINCOLN GEM & MINERAL CLUB 15th ANNUAL SHOW - May 12 & 13, 1973
Exposition Bldg., Nebraska State Fairgrounds, LINCOLN, NEBRASKA

NEBRASKA STATE SHOW - Sept. 28-30, 1973, North Platte, Nebraska
MIDWEST FEDERATION SHOW & CONVENTION - July 26-29, 1973
Convention Center, Cincinnati, Ohio

"PROGRESS THROUGH PLANNING & PARTICIPATION" - Lee Kirby, '73 MWF President

H. E. L. P. Help Eliminate Litter Please

