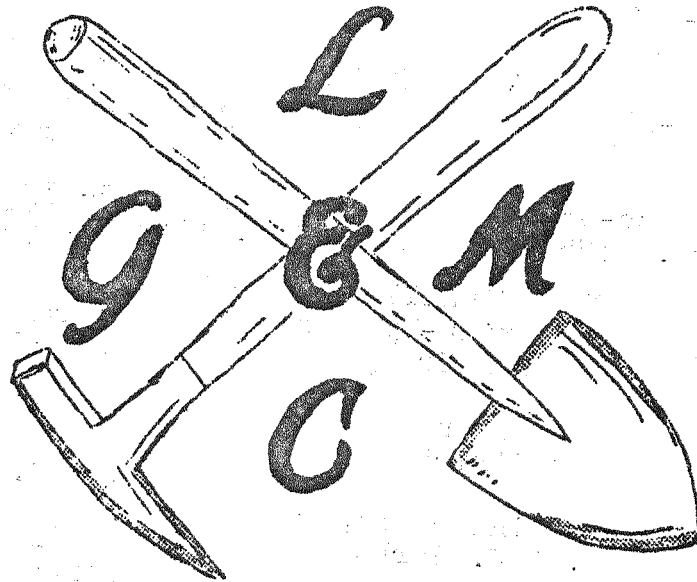


THE PICK & SHOVEL



Official Publication of
THE LINCOLN GEM AND MINERAL CLUB, INC.

Box 5342
Lincoln, Nebraska

MAY 1971

MIDWEST FEDERATION OF MINERALOGICAL AND GEOLOGICAL SOCIETIES
AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES
NEBRASKA STATE ASSOCIATION OF EARTH SCIENCE CLUBS, INC.
COMMUNITY ARTS COUNCIL OF LINCOLN

THIS MONTH

REGULAR MEETING...7:30 PM, Sat. May 22, 1971
WOW Bldg., 734 S. 27th St.

PROGRAM...Film titled "Rocks that Form the Earth's Surface"

ON STAGE...presented by George Balke. Subject - jade.

refreshments...Hazel & Dean Baumeister, Garry and Marjorie
Heedick, Wm. Hendrickson, Frank & Ruth Krejci
and Florence Boring

FIELD TRIP...Rock Swap, May 23rd, Ayr, Nebraska hosted by
Central Nebr. Rock & Min. Soc. Hastings, Nebr.

ROOM 104...closed...moving to Nebraska Hall. Will resume activity in
the fall. Call Engelhardt's or Van Cleaves for info.

NEW MEMBERS...Albert and Olga Olson, Ceresco, NB 68017 ph 665-2781

Mr. & Mrs. Herman Spomer & family, 5419 Greenwood 68017
ph 466-5408

BOOK REVIEW...by Drs. Berg and Forsberg, on the Book Shelf, Channel 12
7:30 PM, Tues. May 18. Black Elk Speaks by Dr. Neihardt

N.A.O.E.S.C.I...Car pennants available...7½ x 10½, price \$2. Phone
your order to Marie Wells, 435-6798 or leave your order
at the meeting.

AFMS UNIFORM RULES CHANGES...approved for use with the red covered
Uniform Rules booklet: Page 26-Part 1 (A new Trophy):
AFMS XVII. AFMS Trophy for Educ Exhibits, Jr. Class
Page 29 - Part IV: Trophy XVII. Educa., Junior, Given for
exhibits from Uniform Rules Classes E-1 thru E-6.

DELEGATE TO MWF Convention at Mansfield, Ohio - Ralph Ulrich. We are
entitled to two delegates...if you are going advise Phyllis so
you could be recognized officially.

CALENDAR OF EVENTS

May 15-16	Picture City Gem & Min Soc Show, Hot Springs, SD
May 15-16	Coteau Des Plaines Gem & Min Soc Show, Watertown, SD
May 22-23	Central Nebr Rock & Min Soc SWAP, Ayr, Nebraska
June 5-6	Siouxland Gem & Min Soc Show, Sioux City, IA
June 19-20	SWAP - Homestead Gem & Min Club, Beatrice, Nebraska
June 25-27	S Dakota State Gem & Min Club Show, Rapid City, SD
July 17-18	SWAP hosted by 100th Meridian Rock Club, Gothenburg, NB
July 22-25	MWF Show & Convention, Mansfield, Ohio
July 27-Aug 1	Iron Ridge Trail Along, Hibbing, MN
AUG 7-8	SWAP - LINCOLN GEM & MINERAL CLUB, CAMP MINISKUYA, 1st & VAN DORN STS., LINCOLN, NEBRASKA

announcement: A trophy will be available for competitive exhibits in
archaeology at the 1971 Convention in Mansfield. Prepare to
exhibit your Indian artifacts and win the prize.

"HATS OFF"...to Marie and Lynn Wells, our congenial, hard-working Show Chairmen, to Frank Rule - their assistant, to Phyllis Parks - 1971 LGMC President, to the various committee chairmen and their helpers, and to all who had a hand in the production of our Show! Without each one of you and your cooperation and helpfulness, the job could not have been accomplished.

The gayly decorated hall, the thoughtful arrangement of displays, features and dealers, the smoothly run competition division, the active participants in the working demonstrations, the busy program of events, the music, the swap and rock hunt, the special features... all contributed to the enjoyment of those in attendance.

Recipients of awards at the Recognition Breakfast were:



BEST IN DIVISION:

Educational	Ed Woten
Fossils - Adult	Sally Heald
Minerals -	Hazel Tarcza, Grandview, Missouri
Lapidary -	Edw. Steinfeld, Sioux City, Iowa
Lapidary Sub Div. A -	Frank Krejci (misc. carvings, spheres)
Lapidary Sub Div. A -	Ralph Ulrich (Faceting)
Fossils-Juniors	Bob Bass

BEST IN SHOW - Hazel Tarcza, Grandview, Missouri

Special Recognition Ribbons:

Open Display	Dorothy Hornung
Security Guard	Bob Bainbridge
Publication efforts	Norma Miller
Advertising, etc.	Marie Carveth

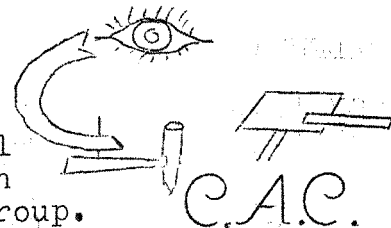
Again we say "Hats Off" and Congratulations on a job well-done.

-Editor

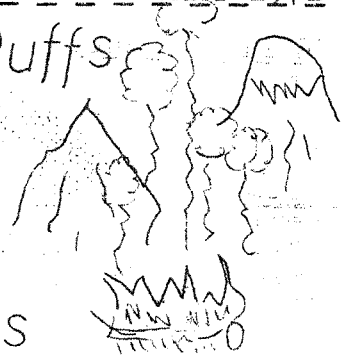
Edith Holdorf, LGMC Representative to the

COMMUNITY ARTS COUNCIL

At the April meeting of the Community Arts Council it was decided to try to continue the Council with voluntary contributions from each participating group. A minimum of \$10 was suggested for smaller groups such as ours, and not to exceed \$25, depending upon membership and income. Each club was also asked to have their representative serve on one of the committees and contribute some time in keeping the organization running as Thomas Carroll, the past Executive Director, can no longer be employed due to lack of funds. The main advantage to membership is the reduced mailing privilege and the availability of a list of 8000 selected individuals known to be interested in the arts. The operation of the Arts Council's Central Mailing List service has now been taken over by Specialized Computer Services at 5625 O St., Suite #3, owned by Wayne Walkenhorst. Member clubs may purchase 1000 addressed labels for \$8 or the entire list if they desire at that rate per thousand without paying the additional \$50 fee charged non-member groups. This might be good in connection with our shows, esp. '74 Show.



Final Puffs
from
Your
Chiefs



The members of the Lincoln Gem & Mineral Club can be very proud of a job well done. On behalf of Lynn and myself we wish to thank every committee chairman and their assistants, all the exhibitors, every worker and any I might have forgotten to name for their untiring efforts and enthusiasm in making this, our 13th Annual production a memorable one. Thank you, thank you.

I had hoped to make a financial report in the May issue of P & S but not all of the advanced ticket sale money and unsold tickets have been turned in as yet. All members who have not turned in their money and unsold tickets are asked to do this immediately and before Darline moves to Grand Island.

General comments made to me were that the over-all quality of displays excelled that of previous years. This is the goal we strive for each year and lets adopt the 4H motto - "Make The Best Better". Visitors, dealers and members expressed delight and satisfaction with the new location. The crowd was estimated at about 1800 people. Of one thing I am sure, the club can compete in spite of The Scout Circus at the auditorium, The Shrine Circus, U. N. All Sports Day, Mother's Day, rain, new location, and change of date!!!

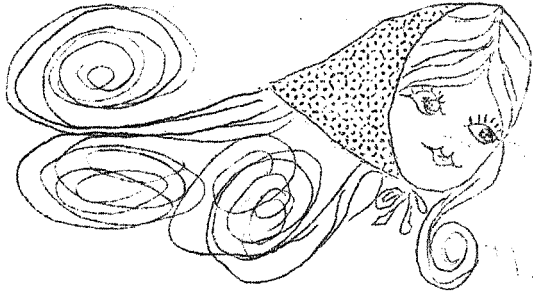
Congratulations to these new members of the club and their fine displays: George Balke, Norman Balliett, Robert Bass, Duane Butler, Fred Day, Merle Geyer, Dorothy Hornung, The Lybyers, James Marburger, Rev. & Mrs. Pfeiffer, and Ed Woten. To Bob Bass, Fred Day, James Marburger and Ed Woten of the new set, special thanks for their services! Thanks to Joe Pokorny, David Rupert and to these guys for the use of their truck: Tom Simmons, Virg Caryeth, Larry Van Cleave, and Jim Parks! What would we do without Norma and her trusty typewriter? How about the organ music by Darline Sprick on her Baldwin organ? Can you imagine a show without our beloved Pappy and his wonderful signs, Ralph and Frank not faceting, no work shop, George and the swap table, and our two Rogers? Didn't Hazel and her crew do a beautiful decorating job? Do you know that they used their own air to fill the ballons? That's what I call a windy job! The special features - weren't they fabulous? To this list can be added many more names but what about the ones that weren't there? That didn't bring their braggin' rock and didn't work? To you we say - be sure to be on hand next year.

Marie & Lynn Wells, 1971 LGMC Show Chairmen

I wish to thank all who helped with the decorations for our 1971 Show, and especially those who were on on my committee: Marie Carveth, Luella Paul, Eleanor Ruppert.

Hazel Bagg, Decorations Chairman

(Those gals did a great job...and did you know there was a wedding in the Rupert family the night before our Show for which they had to prepare as well? Never a dull moment, eh?) Ed.



GLENNA'S GLEANINGS

New addresses for our active duty servicemen:

CN/3 T. L. Rule (Tom) B59 7697
N. C. B-5, Detail Corral
F.P.O. San Francisco, CA 96101

Pvt. Tod Ashmun 505600830
Co. E, 2nd Bat., 3rd Brigade
Ft. Polk, La 71459

Displayers of a special feature exhibit at our show, Mr. & Mrs. Wm. Boltz, were surprised and pleased to receive an invitation from Dr. C. Bertrand Schultz to place a case of their fabulous Lake Superiors on display in the University Museum.

Dealers and displayers of the "Woodpile", Mr. & Mrs. Melvin Lentz, supplied Dr. Schultz with a beautiful Mexican selenite specimen to be shown at the museum also.

More weddings in the offing; Judy Weber will take the "big step" May 22nd when she becomes the bride of Mr. Leroy Louthan at Second Baptist Church in front of many friends and relatives.

LGMC and Central Nebraska Rock Club were united in the marriage of Miss Darline Sprick and Dr. Hal Jantzen at the Havelock Methodist Church on May 15th in front of members from both clubs and relatives. They met at one of the club swaps (so watch out, you bachelors!)

Word from Mrs. Kohn is that their oldest son, Jerry, will enter Dental college this fall, and on July 25th at South Street Temple he will wed Miss Janise Voss. Their other son, Rick, will embark on architectural engineering course at Nebraska U.

Ed Woten is transferring at semester's end to the University of Texas at Austin to continue his studies in architecture. He wishes to express his gratitude to the membership for the past year's pleasure in working with them. His address after June 1st will be:
351 San Gabriel, El Paso, TX 79905

Harry Gragg will celebrate his birthday on June 6th in the Veteran's Administration Center, Hot Springs, SD 57747. Congratulations are in order for an enthusiastic member of our hobby.

Bob Roots, 79, passed away on Febr. 24, 1971 in Van Nuys, California after a long illness. He will be remembered as an old-time mineral dealer who appeared in some of our pre-1965 shows.

Rod Woodcock won a 4th prize (\$100) in overall exhibits at the Greater Nebraska Science & Engineering Fair at Nebraska City. His entry, one of 125, was "A Biometrical Study of the Morphology and Development of a Pennsylvanian Brachiopod, Phipidomela Carbonaria."

Friends of Irl Everett will be surprised to hear he is in Bryan Hospital recuperating from a possible heart attack. A phone call

(continued)

Glenna's Gleanings (continued)

to Evy this morning (the 20th) reveals he is coming along nicely, everything appears to be normal...that he must rest and take it easy a few more days but then he says he'll be up and at 'em. We're behind you Irl...all the way!

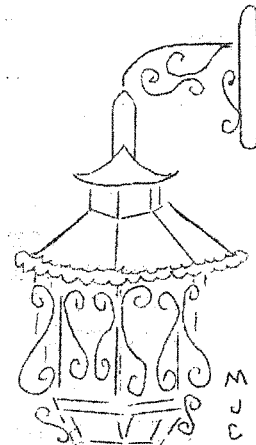
Another founding member of LGMC, Clyde Benham, is seriously ill in Veteran's Hospital here in Lincoln. Long time club members, take note! Cards would help give a lift.

Your reporter-Glenna McGinnis

P.S. Glenna herself was in the hospital shortly before the show and wishes to express her appreciation for the many cards, callers, gifts, and thoughts sent her way. Her back is still bothering some but with limited activity she is feeling much better.

VAJA CON DIOS...

- Cards have been mailed to:
- Harold Eno
- J. D. Young
- Dr. John Neihardt
- Mr. Parks, Sr.
- Larry Ruperts
- Glenna McGinnis
- Harry Gragg
- Louise Baugher
- Irl Everett
- Clyde Benham
- Darline Sprick
- Fred Claus's



-Marie J. Carveth

Dear Fellow Members of the LGMC:

I wish to express my appreciation most sincerely for cooperation I have received as publicity chairman for our 1971 Show. It exceeded all expectations, and I am truly grateful. The flyers went out, all 3000 of them. The TV appearances were just great, and also the radio interviews. We had purchased time on the radio, plus the "Community Events" announcements were used on all the radio stations in the area and out in the state. We had newspaper advertising. We had displays in the windows downtown. And we had a show! Which again proves -

A club that works together, stays together!

- Marie J. Carveth

SCHOOL APPEARANCES were made at Park School in March by Marie Wells and in April by Roger Pabian. Their presentation was to 5th and 6th graders. On May 14th Marie Wells will make a class presentation to 2nd graders at Havelock School.

Those who recall Bobbie Allen's Turkish slides will recognize the epicenter of the recent Turkish earthquake. Lying along the east-west fault line, it occurred just northeast of the Greek ruins of Genizli where Hal was stationed two years ago.

FLIGHT TO D. C.

Washington, D.C. and the wonderful Smithsonian Institution at last! The means of achieving it? A paper titled "Aerospace Science as a Step Toward Relevance" presented at the National Science Teachers Convention held in Washington March 25 through 30, 1971.

The historic airplanes in the National Air and Space Museum and the gem and mineral collection in the Museum of Natural History were the two things I had yearned so long to see, and they were well worth every ounce of effort. Lindbergh's Spirit of St. Louis; the Wright Brothers' 1903 Vin Fiz, first plane to make a transcontinental flight; the Bell X-1, first plane to fly faster than sound, were among those in the main Smithsonian complex. In the Museum where most of the Smithsonian's planes are stored in various stages of restoration were such famous history-makers as the Enola Gay, the plane that dropped the first atom bomb; the NC-4, first plane to fly across the Atlantic; the Sacred Cow, first presidential plane; Amelia Earhart's Lockheed Vega in which she soloed the Atlantic; the Messerschmidt Me163, world's first rocket plane; a funny old French World War I Caudron twin-engine bomber whose cockpit-bomb bay looks like a cloth covered bathtub - and more space capsules than are gathered together any other place in the world.

It was fascinating to watch restoration in progress and to see that every plane is restored to flying condition with as near authenticity as it is super-humanly possible to achieve, even to the point of keeping every shred of the original material, enclosing it tenderly with stronger structural members. Even the engines are restored to flying condition!

I was especially happy to see the proud old DeHaviland DH-4 mail plane whose loving restoration by Bill Hackbarth I had witnessed in progress in Santa Paula, California, and had visited in Omaha on an overnight stop as he flew it to its final resting place there among its other famous peers. The Smithsonian isn't just a resting place, however; the guide told us that they fire up old No. 249's twelve-cylinder Liberty engine every now and then, and that the clatter and roar is something satisfying indeed to hear.

But these gems of air and space could not outshine the gems of nature in the Museum of Natural History. Beautiful as the pictures are, even The Mineral Kingdom by Paul Desautels, supervisor of the division of mineralogy for the Smithsonian, had not prepared me for the size and splendor of the hundreds of natural specimens on display.

Perhaps even more impressive are the perfect, cut gems. Many of you have seen these beauties and, like me, you have your personal favorites. The imperial jade necklace of flawless, thumbnail-sized beads, glowing like translucent emeralds, the perfect 12 5/8-inch crystal sphere of Burmese quartz; the incredibly huge faceted gems of topaz, beryl, amethyst, and kunzite; the opals, star sapphires, and cat's-eyes; the 4-inch smoky quartz egg, faceted, as were a number of the other more special gems by Captain John Sinkankas, author of Gemstones and Minerals, Gemstones of North America, and other books -- how to choose?

(continued next page)

FLIGHT TO D.C. (continued)

How, I wonder, could man dare to touch a huge, flawless crystal, knowing that he could make a gem of even greater beauty--or he could destroy the crystal forever? It would certainly require a very special brand of courage.

The convention was very helpful for science teachers trying desperately to keep up with the new knowledge and new techniques in this decade of head-spinning advancements; and the delights of a first visit to Washington were beyond expectation. Among the highlights were a visit with my favorite pal of teaching days on Okinawa, the first time we had been together since we left that lovely island in June of 1961; dinner and a tour of the beautifully night-lighted city with a pair of Pentagon secretaries, sisters transplanted from Nebraska during the War; and a visit by telephone with the son of our own Mrs. Phyllis Parks, Michael Crawford, who used to play football in high school with my son Hershall. Michael now works in the huge IBM headquarters at Rockville, MD., and he graciously entrusted me with the word to his mother and step-father that he and his little family of wife and three children had just that very day found the house they plan to purchase.

Most impressive of all, however--and I would not have believed this had anyone told me beforehand--were the interiors of our government buildings--the White House, the Capitol Building, and the Senate and House of Representatives, both, to my good fortune, in session. Since I could not have believed it myself, I shall not try to persuade you. Let me only say that I came away with a sense of admiration and humility, of wonder, and of courage.

--Florence Boring

(As many of you know, Florence has her Commercial Pilot's License since 1963, having received her private license on Okinawa while teaching school there when her son was in the Navy in the Pacific. She especially wanted, and got, her commercial license so she could participate in the Powder Puff Derby in 1964 which she enjoyed tremendously.)

Aerospace Science as a Step Toward Relevance

Since this month (April 21, 1971, to be exact) marks the fiftieth anniversary of Dr. John G. Neihardt as Poet Laureate of Nebraska, his many friends in the Lincoln Gem & Mineral Club might be interested in his contribution to my paper presented at the National Science Teachers Convention in Washington D. C. March 29, 1971. This is a part of one of my most important arguments with regard to the importance of Aerospace Science:

"Cynical and misdirected as they often seem, young people the world over are nevertheless looking for romance, ideals, new frontiers. The spectacular accomplishments in this century in aviation and space lie far beyond the realm of mere technology, in the magnificent daring of the human spirit.

"Probably no other event in human history has so captured the imagination and emotions of so many people as Charles Lindbergh's solo crossing of the Atlantic. (continued next page)

Aerospace Science as a Step Toward Relevance (continued)

Let me quote for you what is probably the best of the many poems written at that time to commemorate that event--written by Nebraska's own poet laureate, John G. Neihardt.

THE LYRIC DEED

"We sighed and said, 'The world's high purpose falters;
Here in the West the human hope is sold;
Behold, our cities are but monstrous altars
That reek in worship to the Beast of Gold!

Now no rapt silence hears the bard intoning;
Our lurid stacks paint out the ancient awe,
And lock-step millions to the motor's moaning
Are herded into Moloch's yawning maw.

With men we stoke our diabolic fires;
Of smithied hearts the soaring steel is made
To dwarf and darken all our godward spires
With drunken towers of Trade!

We said it, blinded with the sweat of duty,
And now, behold, emerging from the dark,
Winged with the old divinity of beauty,
Our living dream mounts morning like a lark!

Of common earth men wrought it, and of wonder;
With lightning have men bitted it and shod;
The throat of it is clothed with singing thunder--
And Lindbergh rides with God!

We have not known, but surely now we know it;
Not thus achieve venality and greed;
The dreaming doer is the master poet--
And lo, the perfect lyric in a deed!

The sunset and the world's new morning hear it;
Ecstatic is the rhythmic motor's roar;
Not seas shall sunder now the human spirit,
For space shall be no more!

--John G. Neihardt

"Now imagine, if you will, the thoughts of Lindbergh himself, 42 years later, present as a guest of honor at the launch of Apollo 11, soon to set man for the first time on the moon. Certainly 'space shall be no more.'

"We have a long way to go before greater forces than seas shall 'sunder not the human spirit,' but surely these ventures beyond the earth are helping in some measure to give the human race some moments of unity, however brief. Probably at no time has there been a greater upwelling of universal goodwill and outpouring of international prayer directed toward a single event than during those anxious hours of Apollo 13's uncertain return. (continued)

AEROSPACE Science (continued)

"We recognize as teachers that whatever use we can make of these multi-faceted interests and concerns of our students helps us to accomplish our major objective--helping students to learn. . . ."

--Florence Boring

(Florence presented this paper again for the Nebraska State Science Teachers Convention at Wesleyan on May 1st. Thanks for sharing it with us as well Florence, your contribution is appreciated). nm

It is with deep regret that we note the passing of Mary Jane Claus, daughter of Jeanette and Fred Claus, long time members of LGMC who moved to Colorado in February. Many will remember Mary Jane was chosen Miss Rockrama during the Centennial year observance here. She passed away in April at the hospital in Omaha. We extend our sincere sympathy to the Claus family in their loss.

NOTE TO LGMC MEMBERS: "Thanks to the many members of the club who remembered us at this time. It's nice to have friends."

Fred & Jeanette Claus

FOR SALE

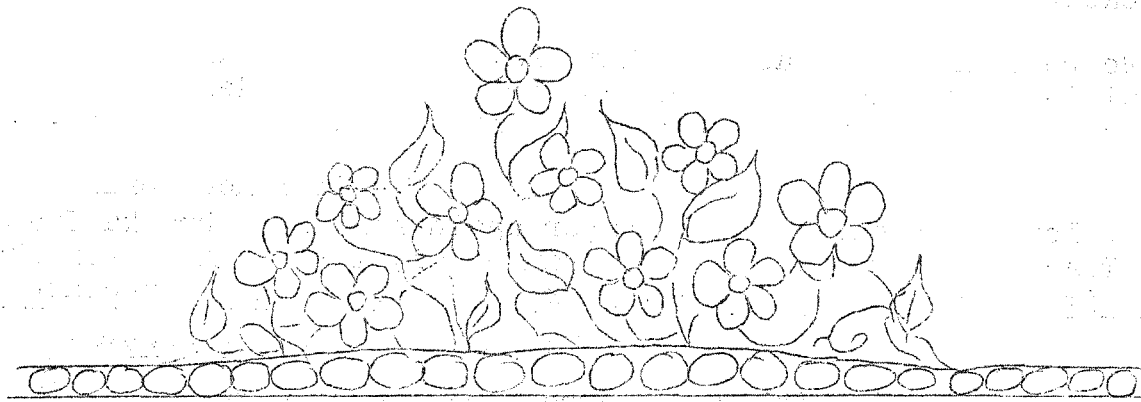
ENTIRE ROCK COLLECTION - POLISHED & UNPOLISHED

Arizona
PETRIFIED WOODS... Eden Valley
Dubois
Wyoming

AGATES JADE OPAL SEA SHELLS

Bill Brown Sat. May 22, 1 PM to 6 PM
1125 Ashland Street Sun. May 23, 9:AM to 6 PM
Beatrice, Nebraska 68310
(turn west at Bikes Burger Bar, 1/2 mile to Ashland Ave.,
then north...3rd house... GOOD BUYS

THE BEST OF EVERYTHING LEFT...ALL OTHER ALREADY SOLD



THE NEW "MISS NEBRASKA" CROWN

A certified gemologist, Mr. Rick Shalberg, revealed to those attending the Awards Breakfast of our 1971 Show the design and plans for the new Miss Nebraska Crown presented to the contest winner each year. Several designs were considered and the design above (a free-hand drawing of the real thing) was presented by John Brown, an architectural student at the University of Nebraska. At present it is designed as a tiara but the long range plan is to form a complete crown each year adding more gemstones of ruby, emeralds and diamonds, and more gold, until it finally forms a full crown.

Mr. Shalberg is building the crown in its entirety from flat and bar stock gold which has been supplied by the Nebraska and South Dakota Jewelers and Watchmakers Association. Some of the 12 major gemstones are being contributed by Nebraska and South Dakota Jewelers and LGMC member, Frank Marsh, has contributed the blue agate (our state gem stone) to be used in the first year's center flower. Pearls will stud the headband making it an attractive, original crown.

The flower carved of five petals of blue agate will be removed each year and made into a brooch. This will be presented to that Miss Nebraska as her personal possession after her reign of one year is over. The crown itself will be retained and a new center flower will be fashioned and inserted for the next year's contest winner.

All this is of interest to the lapidary but of special interest to LGMC members is the fact that Mr. Shalberg has engaged one of our own master craftsmen, Ralph Ulrich, to do the carving of the blue agate. Ralph will receive recognition for his efforts and those contributing the selected pieces of gem stone used will be recognized as well.

Mr. Shalberg kindly offered to speak to us at one of our regular meetings at some future time. This would prove to be very informative and perhaps keep us abreast of the progress being made as the headpiece grows from tiara to crown. We will look forward to viewing the completed tiara and will follow the Miss Nebraska Contest with a very "personal" interest.

Sad news accompanies this issue of the Pick & Shovel... a good friend, a fellow member, and an enthusiastic rock hound, Lloyd Baugher left this hunting ground on May 11. Both he and his wife Louise have been active on the local level and Lloyd has worked on the Federation level as assistant Field Trip Chairman.

We have missed his booming voice and friendly face since he was quite confined after a stroke in July, 1969. We extend our sincere sympathy to Louise, and to Joanna and her family in this time of loss.

Knowing Lloyd as a happy, active person this poem written by our friend Dr. John G. Neihardt seems appropriate



LET ME LIVE OUT MY YEARS.

Let me live out my years in heat of blood!
Let me die drunken with the dreamer's wine!
Let me not see this soul-house built of mud
Go toppling to the dust--a vacant shrine!

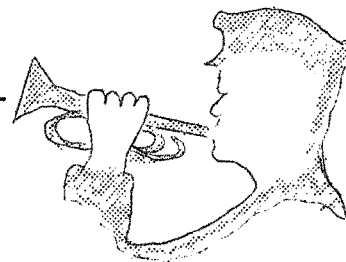
Let me go quickly like a candle light
Snuffed out just at the heyday of its glow!
Give me high noon--and let it then be night!
Thus would I go.

And grant me, when I face the grisly Thing,
One haughty cry to pierce the gray Perhaps!
O let me be a tune-swept fiddlestring
That feels the Master Melody--and snaps!

© from Lyric and Dramatic Poems of John G. Neihardt p 41
(printed with permission)

MEMORIAL DAY: 1971

They shall not grow old,
As we that are left grow old---
Age shall not weary them,
Nor the years condemn
At the going down of the sun,
And in the morning---
We shall remember them.



submitted by Marie J. Carveth

BITS AND PIECES

NATURE'S HOROSCOPE...April 20-May 20
 TAURUS--The Bull. Your ruler is Venus, goddess of beauty and love, especially sensual love. Your planet is Venus--the most brilliant star. Venus rules your metal copper from which ancient looking glasses (the symbol of your diety) were made. Your color from heraldry is the "Green tincture" verd. Your metal copper, when aged, turns green-and fittingly your element is earth. You are adamant, persevering, kind-hearted and often musical. Your mineral is malachite.

Your sign - - - - -



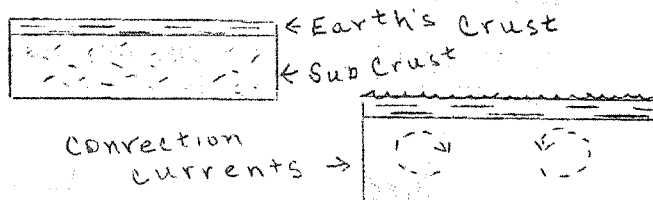
THE NAT'L SAFETY COUNCIL has issued a warning on the Epoxy Resin systems and their hazards. It is possible to contact a dermatites and so this warning should be heeded. Some liquid Epoxy Resin contains active skin and eye irritants. When the skin is contaminated with these materials Contact Dermatitis may result. Eye contact may cause severe eye damage and vapors may do the same to the eyes, nose, and throat. Resins may not be hardened for several days after using and dust from grinding, sawing, drilling or polishing may cause sensitization in workers previously sensitized. Therefore it is necessary to establish meticulous house-keeping habits. Bench tops, floor surfaces, and all working areas should be covered. Keep an adequate supply of paper towels available to wipe up spills and splashes. The reaction to the epoxy may be delayed for several days or months. Tools and other material that has been in contact with the epoxy, should be cleaned or disposed of. Any person suffering from respiratory irritation, headache, or other such ailments should seek medical aid. Anyone working extensively with these materials should seek out and read all literature obtainable.

via Golden Spike News

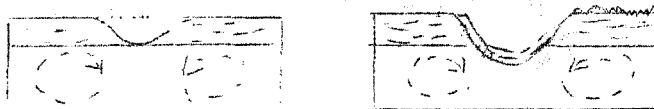
FLASH..Farel Hyland is in St.'s Hosp. and will be there some time yet. Cards and visits welcome

GEOLOGIC FACTS ABOUT CONVECTION CURRENTS. Stated briefly, radio activity within rocks in the sub crustal zone of our earth produces "hot rocks".

If we remember that hot air rises and cool air falls and we apply this fact to these subcrustal rocks, we have movement such as this -



What happens to the area above this movement? At first only a gentle geosyncline:



Then as this continues over uncounted centuries, the geosyncline deepens as the cooler rocks are drawn down into the hotter portion of the earth, while at the same time, upward moving convection currents are easing the "hot rocks" upward and eventually through the earth's crust. They are then the tiny beginnings of mountains. The geosyncline will be the valley between the mountains

This business of the cool rocks going down, ultimately to heat up, then to be pushed up, may help explain the pulsatory nature that is so characteristic of mountain growing. There is still some doubt as to whether or no convection currents are for real, but they make sense?

via Pick & Dop Stick

FLASH!!! Just rec'd word from Tod Ashmun (note his new address in Glenna's column)...he is doing some collecting wherever he goes...drop him a line to keep in touch.(ED.) NO SPACE LEFT for me to thank every one for the special recognition ribbon which I received at the Show... I am deeply touched and want you to know I appreciate your appreciation.

-Norma

Midwest Federation's NEWSLETTER



Published monthly except July and August as a service to member 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. 115 - May 1971

Progress Report

1971 Convention

Are you all set to come to Mansfield, Ohio in July? July 22-25 are the dates and the members of the Richland Lithic and Lapidary Society, hosts, are getting prepared to welcome you and make your stay with them an enjoyable one.

By now you should have exhibit entry blanks, advance registration forms, and accommodation lists. If any clubs are short of these items or were missed, let us know right away. You can help us by getting your exhibit entries and advance registrations in early.

Remember, the banquet is limited to 500 and is a bargain at \$4.25. Don't be disappointed - get your reservation in now!

Write B. F. Parr, show chairman, 1488 Marion Avenue Road, Mansfield, Ohio 44906 if you need any information.

Hiram and Wavie Swanson ACTIVE CLUB MEMBERS

There is an old folk song which contains the words, "Some come to dance, and some come to play, Some merely come to pass time away."

Are you in that category, just passing time away in the hobby? Hiram and Wavie Swanson, members of the Lake County (Illinois) Gem and Mineral Society aren't.

According to an article in a recent issue of the Beachcomber, the LCGMS bulletin, the Swansons have taken on the project of educating most of Lake County. In the past three years they have given over fifty talks about the importance and uses of minerals in daily living to fascinated school groups, usually right in the classroom. In their spare time, they construct custom-made mineral cases which they fill with 30 identified specimens. The cases are then donated to

In Elmhurst, Illinois

Spring Executive Meeting

On Saturday, April 3rd, the MWF held its spring Executive Committee meeting in Elmhurst, Illinois at Elmhurst College. The meeting was well attended by committee members and considerable progress was made in many areas to promote the rock hobby and assist the member clubs.

Reports were given by state directors and by permanent and special committee chairman.

The all day meeting was recessed at noon for a luncheon at the college and an evening dinner was served at the Lizzadro Museum.

A full report, in the minutes, will be sent to all member clubs.

CAN YOU HELP?

Donald Mikulic, a student at the University of Wisconsin, has been doing research on Silurian trilobites for the last five years. He needs to see specimens of Silurian trilobites, particularly of rare or unusual species that have been found in the Great Lakes area... the Grafton and Lemont, Illinois areas. If you have a large collection of Silurian trilobites and can help him, please write him at 7016 W. Acacia St., Milwaukee, Wisconsin 53223.

schools, libraries, Scout groups, and hospitals. Believe it or not, they have made and distributed 86 of these cases to different groups!

Hats off to the Swansons. If someone in your club is as active, we would like to give them recognition in the Newsletter. Send us his qualifications.

For Mansfield Show
CLERKS NEEDED

We want to enlist the help of a few competent people who would like to act as clerks for the judges of competitive exhibits at Mansfield, Ohio on July 22nd at the annual convention and show. This is good experience for those of you who are interested in becoming familiar with judging procedures. Only eight or nine clerks are needed, so please contact Betty Crawford, Chairman MWF Uniform Rules Committee, 1119 Seminole Avenue, Mansfield, Ohio 44906 soon and state which judging team you prefer to assist.

Your Help Needed

ORDERING AND RETURNING PROGRAMS

Evelyn Hirsch, our Library Program Chairman, asks that all clubs return programs immediately following their scheduled use. Programs have been kept as long as six days after use which causes another club to miss their scheduled showing of the program.

Clubs are requested to order programs at least 30 days in advance and to give three choices of when the program ordered can be used. Also a choice of programs so that your club will be sure to have a program for the date you request.

Be sure to include the program fee when ordering and give the exact, and correct, name, street and number, city and state and zip code to where the program is to be shipped.

The Library Program Service is always in quest of new programs. A program on lapidary for beginners and children and on tumbling is needed. If your club would like to supply programs contact Mrs. Hirsch.

After Four Years of Work

WISCONSIN NAMES STATE ROCK AND MINERAL

Through the efforts of the Kenosha Gem and Mineral Society, after nearly four years of letter writing, attending hearings and telephone calls, etc. the Wisconsin Legislature passed a bill naming Red Granite the state rock and Galena the state mineral. It was signed into law on March 4, 1971 by Governor Patrick J. Lucey.

In the May-June Issue

EARTH SCIENCE MAGAZINE

Midwest shows have a way of bringing out the latent talents of host club members. Mansfield is no exception. Barney Parr (MWF First Vice President) has an article on Pugh Quarry for you in the May-June issue of Earth Science magazine. Betty Crawford did the illustrations. You will see photographs of Dick Lyons' silver chess set and coffee pot and you can read the story behind these shining beauties.

Ed and Mary McNamar
NEW SPECIAL DISPLAYS CHAIRMAN

Ed and Mary McNamar, 3517 Fifty-seventh street, Des Moines, Iowa 50310 now head the Special Displays committee. They are active members of the Central Iowa Mineral Society and also belong to the Dallas County Rock club and ESCONI. Charlene Berry of 238 North Ave., Mt. Clemens, Mich. 48043 is an assistant.

Ed and Mary will be looking for outstanding displays at club shows, and if they decide yours is excellent, they will be contacting you about the possibility of listing your display in a special directory which will be made available to all member clubs. If you know of any outstanding displays send the information to them so that it can be included in the directory. This directory will enable clubs to secure outstanding displays for their shows.

ARCHAEOLOGY DIVISION NEWS

Articles of interesting archaeological sites in the MWF region are being printed in Earth Science Magazine. The sites covered are all open to the public and are generally National Monuments or state parks.

A trophy will be available for competitive exhibits in archaeology at the 1971 convention in Mansfield, Ohio. If you have Indian artifacts, please consider exhibiting at the convention. Share your interest with others.

Anyone interested in learning about archaeological activities in your area may write to the MWF Archaeology chairman, Richard Ade, 641 Crest Lane, Lisle, Ill. 60532

INDIVIDUAL MEMBERS

Mr. and Mrs. Alan L. Palmer, 2825 North Troy St., Chicago, Illinois 60618, have been added to our individual members list.

WILL YOU HELP US HELP YOU?

When you write to any member of the Executive Committee or order programs from the program service or order Newsletters or write concerning them will you please give your name, your complete address and the name of your club. In this way we will be able to give your request complete and prompt reply.

Executive members, our program booker Mrs. Evelyn Hirsch and your Newsletter editor and shipping office receive many letters without the information needed to complete your orders and request promptly.

Midwest Federation's NEWSLETTER



Published monthly except July and August as a service to member 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. 116 - June 1971

Thursday-Friday-Saturday-Sunday, July 22-23-24-25, 1971

Mansfield, Ohio Site of 1971 Convention

PROGRAM

Thursday, July 22

- 9:30 AM Judges' meeting (F)
- 10:00 AM Show opens
- 1:30 PM Collecting in the Southwest - Mrs. June Zeitner (F)
- 3:00 PM Minerals of Mexico - Mr. Paul Desautels, Smithsonian Institution (F)
- 4:30 PM Archaeology of the Midwest - Mr. Dick Ade, MWF Archaeology Chairman (F)
- 7:30 PM Micromount Symposium - Mr. Mel Moyer, Moderator (K)
- 9:00 PM Show closes

Friday, July 23

- 9:00 AM Bulletin Editors' Seminar - Mr. Oliver Roskam (K)
- 10:00 AM Show opens
- 11:00 AM Junior Activities meeting (K)
- 1:00 PM State Directors' meeting (K)
- 1:30 PM Your Mineral Collection - Mr. David Wilber, Woodland Hills, Calif. (F)
- 2:00 PM MWF Executive Committee (K)
- 3:00 PM Rockhound's Paradise USA, Michigan's Upper Peninsula - Mr. Charles Markert, (F)
- 7:30 PM Exhibiting Seminar - Mrs. Betty Crawford (F)
- 9:00 PM Show closes
- 9:30 PM Square Dance - Fairgrounds (weather permitting)

Saturday, July 24

- 9:00 AM MWF Council (Ramada Inn)
- 10:00 AM Show opens
- 10:30 AM Fossiling Through the Midwest - Cele Duluk
- 12:00 N MWF Council Luncheon (Ramada Inn)
- 1:30 PM Minerals of Mexico - Mr. Paul Desautels (F)
- 3:00 PM Fossils of Pit 11 (Mazon Creek, Ill. Area)
- 4:15 PM The Cleaning and Preparation of Fossils - Dr. Dwayne Stone (F)
- 6:30 PM Banquet - Dr. John Clark, Field Museum, speaker (Masonic Temple)
- 9:00 PM Show closes
- 9:30 PM Outdoor Sing - Fairgrounds (weather permitting)

Sunday, July 25

- 9:00 AM Rollin' Rock Club (F)
- 10:00 AM Show opens
- 11:00 AM Rockhound's Paradise USA, Michigan's Upper Peninsula - Charles Markert (F)
- 1:30 PM Collecting in the Southwest - Mrs. June Zeitner (F)
- 3:00 PM Diamond Crystals - Mr. Paul Seel, President AFMS (F)
- 6:00 PM Show closes

Continuous Demonstrations 10:30-8:30 on Thurs., Fri., Sat. - 10:30-5:30 on Sun.

Fluorescent Display - Frequent performances - See posted times.

U.S. Geological Survey sound films shown in program area several times during the show.

(F) Indicates Fairgrounds Program Area. (K) Indicates Kingwood Center Meeting Hall.

Come and have fun. We are mixing some fun activities with the serious aspects of the show.

Contribute to the show by exhibiting. Remember, individual exhibitors for the full four days get free admission.

There will be come-and-go cases.

Swapping will be under cover close to the main show bldg.

Plenty of free parking and camping is permitted on the grounds for a small fee.

Send in your reservations now.

YOUR 1971 CONVENTION DELEGATE

Has your club selected its Delegate and Alternates for the 1971 Council meeting? And has the form been returned? If not, see that it is done as soon as possible. The meeting, a very important part of the 1971 Convention and show, is at 9:00 A.M. on Saturday, July 24 at the Ramada Inn, Mansfield, Ohio. The form should be returned to Mrs. Eva Clements, 382 Jade Ave., Mansfield, Ohio 44907.

GUIDE LINES FOR MAKING 35mm SLIDE PROGRAMS

Our program chairman, Mrs. Evelyn Hirsch, has made some suggestions that can be used as guide lines for clubs wishing to make 35mm slide programs for the Midwest Program Library.

On programs of proceedings, such as tumbling or lapidary arts, take the procedure step by step very explicitly... leave nothing to the imagination.

On field trip programs, people (a few) one person in a collecting area picture improves the picture as one gets the scale of the cut or quarry. Give geology of area formation whenever possible. Be sure to include slides showing what is found there. Use a ruler or some object to indicate size of specimen in your closeups.

Be sure that all pictures you use in the completed set are clear. If necessary retake pictures but never include fuzzy or poor pictures. Make sure your slide story has a definite starting place and follows through to an ending. Don't leave out things and lose your audience by skipping around.

For the script that accompanies your program, type it on 7x11 size sheets. These fit in our mailing boxes. Leave a margin around the sheet and be sure the pages are numbered, date of the program and the person or club that made it. We make zerox copies of your original and thus can keep fresh copies going out to the clubs.

If person making the program wishes to keep the original set of slides please be sure to tell us who to contact in case a duplicate is needed. If possible send the original and one set duplicates as this saves time if a slide or program is lost and needs to be replaced.

AFMS UNIFORM RULES CHANGES

Approved for use with the red covered Uniform Rules booklet the following changes should be noted.

Page 26 - Part I. (A new Trophy):
AFMS XVII. AFMS Trophy for Educational Exhibits, Junior Class.

Page 29 - Part IV:
Trophy XVII. Educational, Junior, Given for exhibits from Uniform Rules Classes E-1 thru E-6.

SAFETY

If you don't already belong, it's time to join the Hard-Hats! A while back Max Holiday, MWF Safety Chairman, alerted us at several Executive and Council meetings to the effect of the Federal Mine Safety Law on rockhounds.

In 1966 Congress passed a safety law applicable to all mines and quarries, except coal mines. The law directed the Secretary of the Interior to promulgate mandatory health and safety standards to deal with conditions or practices which might cause death or serious physical harm. While most of such standards apply to employees in mines and quarries, effective July 31, 1970 all persons were required to wear hard hats "when in or around a mine (or quarry) where falling objects may create a hazard." Similarly, effective January 7, 1971, all persons must wear "suitable protective footwear" and "safety glasses, goggles, or face shields" when "in or around an area of a mine (or quarry) where a hazard exists which could cause an injury to the feet or to unprotected eyes." While these safety standards are mandatory, the application of each is conditioned upon the existence of the hazard to which the standard is directed.

Correspondence with the Federal Bureau of Mines has confirmed that these requirements do apply to rockhounds. We are likely to see very soon mine and quarry owners requiring (as some owners have done for some time) at least hard hats and possibly safety shoes and goggles before permitting field trips on their premises.

Therefore, in addition to always keeping your rock hammer and other collecting equipment in the trunk of your car ready for any opportunity - you had better also add your personal hard hat (and goggles too, to be on the safe side)!

EDUCATIONAL NEED

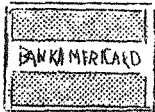
Would all MWF committee chairmen and State Directors who have not already done so please send immediately a brief resume of how their particular committee fulfills educational needs of the MWF members? This is needed for impressing the Internal Revenue Service with our solid educational aspirations so that we may be granted a tax status change to C-3. Send resumes to Jay C. Wollin, 8917 Austin, Morton Grove, Illinois 60053.

JUNIOR ACTIVITIES SEMINAR

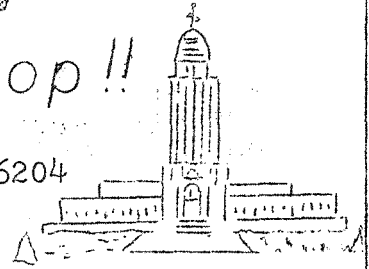
A Junior Activities Seminar has been added to the MWF Convention and Show program. It will be held on Friday, July 23, at 11:00 A.M. This will have a panel of rockhounds telling of ways they have handled Junior Activities in their clubs or communities. The seminar will be headed by Mrs. Calvin (Harriet) George. Calvin George will tell of ESCONI'S approach to Junior clubs and Mr. or Mrs. Ed Hirsch will speak of 4-H cooperation.

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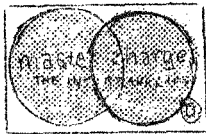
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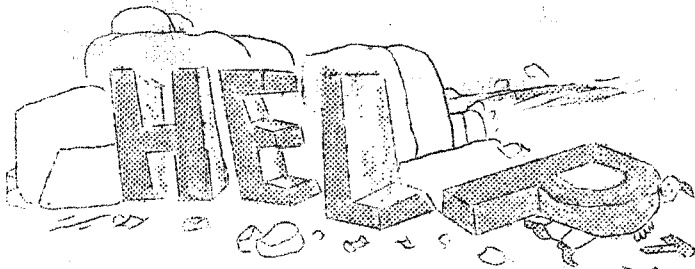


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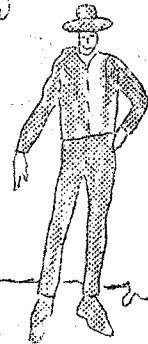
Lincoln Gem & Mineral Club
Historian
3601 South Street
Lincoln, Ne . 68506

THEME FOR 1971 - "EDUCATION" - JAY WOLLIN, MWF PRESIDENT
MWF CONVENTION & SHOW - July 22 thru 25 - MANSFIELD, OHIO
N.A.O.E.S.C.I. STATE SHOW-OCTOBER 8 thru 10-OGALLALA, NEBRASKA



*Johnny Horizon
Says:*

This Land
is YOUR
Land



keep it clean!