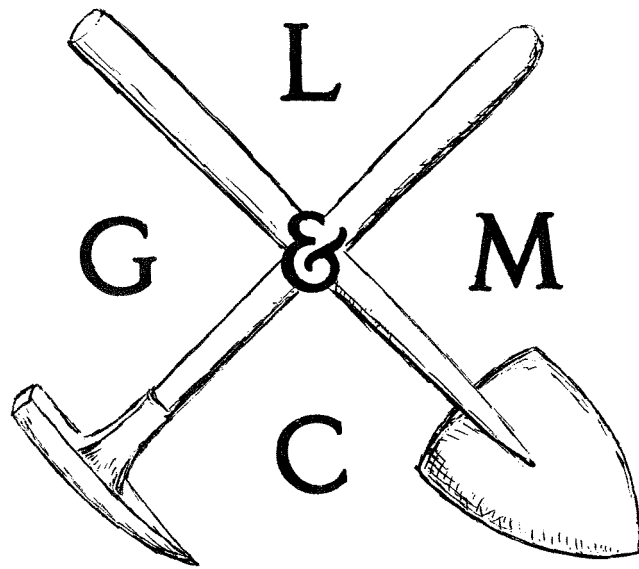


THE PICK & SHOVEL



OFFICIAL PUBLICATION OF
LINCOLN GEM & MINERAL CLUB

LINCOLN, NEBRASKA

Volume 17

Issue 10

May 1977

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

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

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

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

1977 ELECTED OFFICERS:

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

STANDING COMMITTEE CHAIRMEN:

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

LONG RANGE PLANNING AND BY-LAWS COMMITTEE:

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

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

PICK & SHOVEL STAFF:

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

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

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

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

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

Calendar

No May meeting. At the April General Meeting members voted to dispense with the May meeting because of Memorial Day weekend. A picnic and short general meeting will be held in June. Details will be found in another part of the bulletin.



Change of Address...Edward Ridge, 5228 Leighton, 68504
Telephone 464-6363.

LGMC Board of Directors' Meeting...June 2, 1977, 7:30 P.M.
Home of Larry Bigley, 6126 Hartley.

1977 Dates to Remember

May	14-15	Hot Springs, S.D.	Picture City Gem & Min. Show.
June	4-5	Council Grove, Ks.	Kansas Rock Swap, City Park and Fair Ground. No charges for camping.
June	10-12	Hebron, Ne.	NAOESCI Swap.
June	10-12	Salt Lake City, Utah	Gemboree of the Rockies, Salt Palace Convention Center.
June	17-19	Beatrice, Ne.	Homestead Gem & Min. Club swap..
July	20-23	Dayton, Ohio	MWF Convention & Show.
July	23-24	Columbus, Ne.	Loup Valley Gem & Min. Soc. Show.
Aug.	6-7	Mitchell, S.D.	Corn Palace Rock Club Show - Holiday Inn
Aug.	20-21	Crawford, Ne.	Northwest Ne. Rock Club Show.
Sept.	3-5	Omaha, Ne.	Nebr. Min. & Gem Club Show.
Sept.	9-11	Kearney, Ne.	Fort Kearney Rock Club State Show, Holiday Inn, 301 2nd Ave.
Sept.	16-18	Kimball, Ne.	Plains Rock & Min. Club Show.
Oct.	15-16	Grand Island, Ne.	Grand Island Earth Science Club Show, Fonner Park.

UTAH WILL HOST TWO REGIONAL SHOWS

The Rocky Mountain Federation will open the show season in Salt Lake City June 10-12 for a three day show, and will mark the 30th anniversary of the AFMS with a celebration on June 12, the day in 1946 Dr. Ben Hur Wilson and Dr. Pearl together with others from the then existing federation groups formed the American Federation.

This Rocky Mountain Show known as the "Gemoree of the Rockies" is sponsored by the Mineralogical Society of Utah and the Wasatch Gem Society and is being assisted by other clubs in Utah. Convention Center is Hotel Utah, where most meetings and dinner events will be held.

Aug. 18-21 Ogden, Utah National Gem & Min. Show. Hosted by Northwest Federation and Golden Spike Gem & Min. Soc. Weber State College.

Last Month...57 members attended the April meeting of the LGMC. The program preceded the business meeting. A film and a slide lecture were presented by Jerry Leech of the University Conservation and Survey Division. The film was entitled, "Mapping the Earth's Surface" and the slides were on the reading of topographical maps. Dick White, of the Community Arts Council, informed the Club about the Civic Center, a new construction being proposed, which would join the City Hall and Old Federal Building. He said such a construction would be ideal to fill in the area between the two old historic buildings which would be renovated. This structure, with an estimated cost of \$6,371,715.00, would seat 2500 people for symphonies, concerts, theater productions, and conventions. It would cost the average property tax payer about 3¢ a day in increased property tax. After the financing period this would be reduced to 1¢ daily. This bond issue will be presented to the voters May 3rd.

The business meeting followed the program. Shows and Swaps were announced and flyers available for inspection. Donations of rocks are needed for door prizes. 3 or 4 to be given at each meeting. Howard Taylor will present scholarships to our two University recipients. The checks are already in the geology department. A need for storage space for Club properties was presented. It was hoped that members could provide room for a few cases, etc. so that the \$15.00 per month paid for storage could be avoided. Phyllis Parks presented the proposed By-Laws changes. Most of the changes were accepted unanimously, but one or two will go back to the Committee for revision. A report on the Show was given by Roger Fabian. Approximately 4100 people attended, and a profit of about \$750 was realized. Myrtle Young reported on the progress that is being made on the plaque that will designate the LGMC as the donors of the cycad that is at the Neihardt Center in Bancroft. Members voted to dispense with the May meeting, and have a picnic in June. A bid will be made to host the 1978 State Show to be held March 31, April 1,2. Howard Taylor will be the LGMC delegate to the MWF Show and Convention in Dayton with Marita Bigley as alternate. A letter from Daniel Mount was read correcting the date of the Wyoming Memorial Day field trip, and giving information concerning sites for hunting fish fossils. There is only one place where they cannot be collected-Kemmerer. Nelda Oliver reported on NRL with information concerning LB 310-the bottle bill. The signatures of 31,590 people are necessary to get it on the ballot. Attention was called to the Club library and members urged to make use of it.

After the meeting cookies, coffee and lemonade were served by the Refreshment Committee.

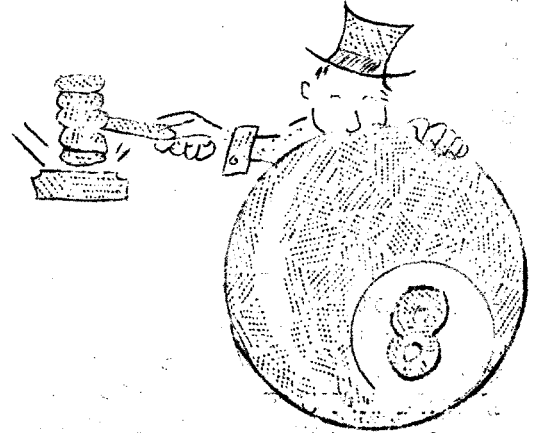
Get Well Wishes...

Cards were sent to:
Flossie Litzenberg
Tom Simmons

From The President's Desk

Dear Fellow Club Members:

Things have barely drawn to a close on our Annual Show for 1977 and plans are already well under way for 1978. The Show for 1978 will be the State Show in conjunction with our own Annual Show. It will be a gala three day affair March 31, April 1 & 2, so mark your calendar. Don Carter is the Chairperson for the Show, so Volunteer YOUR HELP TO THE CHAIRPERSON FOR THE SHOW AND THE VARIOUS CHAIRPERSONS, because it's going to be quite an event and a lot of help is needed.



Our club enters various shows and Community events, such as the Family Planning Show held at Gateway. People in our Club are needed to help in the various functions if we are to put on these type of events. Displays as well are needed. This is one way to find new members too for our club, but help is needed or we cannot continue to hold these shows - we have quite a few members in our club and many more can step forward to help.

Field Trips time is here and already we have had 2 trips (which I have missed) and the results have been very good - more trips are being planned and we shall try to keep you posted as well as possible. It may be an just a day or two notice by the calling committee, If you have an area that you have found and could make a map of it, would you please turn it in to the field trip Chairman, Larry Bigley, so that other members on their own trips can locate the findings. These maps may then be available to anyone in the club at any time.

May meeting is cancelled and more on June Picnic will be in the Pick and Shovel in June issue-

More next month -

John Harrison, Jr.

From the editor's desk...This is the last regular issue of "The Pick & Shovel" until September. There will probably be a mini-edition in June to inform you concerning the June picnic meeting and any other Club activities that may be planned. I'm sure everyone is anticipating a pleasant summer, and hoping to add some especially nice material to his collection. Some of you will be accompanying the Scottsbluff group on their Memorial Day field trip to Wyoming. We hope you will bring some of your finds to the September meeting so that we can enjoy them with you. It would also be very nice if someone would write an article about the trip for the September "Pick & Shovel". An account of a field trip is always interesting, so why don't some of you write up some of your experiences rockhounding? Articles written by our own members help make the bulletin more interesting. An account of shows attended would also be welcome.

May 1966

The president talked on "Collecting Rocks"- procedures, tools and their use. There was a panel discussion.

From the notebook of Lois Everett, LGNC Historian

The Cloud

I bring fresh showers for the thirsting flowers,
From the seas and the streams;
I bear light shade for the leaves when laid
In their noon-day dreams.
From my wings are shaken the dews that waken
The sweet buds every one,
When rocked to rest on their mother's breast,
As she dances about the sun.
I wield the flail of the lashing hail,
And whiten the green plains under,
And then again I dissolve it in rain,
And laugh as I pass in thunder.

- Percy Bysshe Shelley

Seen at a recent show; Owners of big jewelry stores, eagerly asking questions and making notes about agates, jasper, and other cutting materials they wouldn't even have looked at a few years ago.

via AFMS NEWSLETTER



BOARD MINUTES---APRIL MEETING.....

Lincoln Gem and Mineral Club Board meeting was held at 5700 Otes Street on April 6, 1977 and called to order by the President John Harrison, Jr. at 7:30 P.M.

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

Treasurers report Approved as read by Joella Olson, Treasurer. Bills were read by Treasurer with \$80.00 for accounting for 1976 included. Motion Norma Miller and Seconded Virginia Green to pay bills as read. Carried.

It was stated this was one of the greatest shows Lincoln Gem & Mineral Club has ever held. We are asked to participate in other shows across the state.

Send Pick & Shovel to anyone interested in our Club to remind them of the meeting.

Our club to participate in the Family Planning at Gateway April 30th, 1977 - 10 to 5 P.M.. Art Howlett will bring a tumbler. Contact Jim Marburger on when you can help.

Roger Pabian read the identification of a cycad by Dr. Karl. After discussion Howard Taylor suggested to contact the Youngs to see if the center will accept it, with this description. If they will accept it have it printed and sent up.

Roger Pabian to contact the Youngs to see if they will accept it with Dr. Karl's description.

Cases were discussed. Kearney has asked for loan of cases or if we will rent them. Motion Howard Taylor we loan cases to the Kearney Club and make them responsible for them, Seconded Norma Miller. They are to come after them and return them.

Secretary to check Journal for LGM.C meetings.

Motion Jim Marburger we get a committee together and look into design and cost of cases, seconded Ray Lambert. Carried, Ray Lambert to head the committee and pick three other people to help him.

By-laws were brought before the board.

Procedure of Operation was presented to the board. Motion Howard Taylor procedure of operation be brought before the Rank and File for their consideration, seconded Virginia Green. Carried.

MNF newsletter expires in June. Cost \$4.00 per month plus \$1.42 postage. Motion Norma Miller we purchase 10 months, seconded Howard Taylor. Carried.

Roger Pabian gave a run down on the show and a rough cost for 1977. Show bills were read.

Ft. Robinson discussed. Lary Bigley suggested we cut a whole new case of Nebraska material and date them and leave the old case there also.

Field Trip this Saturday to Fullerton. Meet at Seward Park at 8:30. A.M.

Show at Hastings coming up. 10 cases from LGM.C, drop them - cases and displays by Roger Pabian's home.

Howard Taylor reported on establishing Scholarship fund. He is chairman of our local fund. He read letter of receipt of \$250.00 to be kept in clubs permanent file records.

BOARD MINUTES CONTINUED.....

Motion Howard Taylor and seconded Ray Lambert, possible by-laws change discussed. to be brought before the Rank and File at April 23, 1977 meeting. Article 1 Section 6 second paragraph. Carried. To be printed in April Pick & Shovel.

Howard Taylor will go to Ogallala the 24th. Roger Pabian to call him and let him know if the club votes to bid hosting the 1978 3-day State Show.

Regular meeting in May and a Picnic in June.

NOTE: MAY MEETING CANCELLED BECAUSE OF MEMORIAL WEEKEND.

May Board Meeting at 5700 Otee Street, on the 5th.

June Board Meeting at 6126 Hartley Street., on the 2nd.

Meeting Adjourned, Nelda Oliver, Secretary.

Article 1, Section 7 concerning membership as printed in the April 1977 P & S was turned down by the membership at the April meeting and turned back to committee for possible rewording, to be submitted at the June picnic/meeting after approval by the Board of Directors. At the May Board Meeting discussion brought forth this version to be presented to the membership for action in June.

This will be Article I, Section 7. (New section concerning membership.)

Any Club member who represents himself or herself as an officer, committee member or delegate of Lincoln Gem & Mineral Club without authorization or shall by his or her actions bring discredit upon Lincoln Gem & Mineral Club may be expelled from the membership by a majority vote of the Board of Directors.

Our thanks to Ray Lambert and William Holdorf for their work on this important addition for our By-Laws.

A FUN THING TO DO - by Myrtle Young

One of life's satisfactions is the joy of creating something useful or beautiful to share with others.

Here is an idea just in time to utilize that spring urge to change and rearrange things:

You can bring added light and cheer to your basement rooms by converting covered window wells into dioramas. If the wells are of cement, you can paint the walls. If the wells are of metal, line the metal wall with colored corrugated paper, cut to fit. Choose light, bright colors, such as yellow or pale blue to make the most of the overhead (free) light reflected into your rooms.

The bottom of the outside window well may be lower than the level of the window sill in the room. No matter! Just pour in "Leaverite" rocks to sill level, flatten them out to form a secure base for an overturned wooden box of desired size and depth to be conveniently viewed from the room. On the box surface arrange the objects you wish to display. Let your imagination romp freely - use figurines to commemorate a special field trip, small animal figures associated with the particular terrain, display your desert glass collection or any treasures especially dear to you and your family.

Select suitable background scenes from calendars or magazines to slip between the box and the well lining. If you are handy with the paint brush, paint a scene directly on the lining using the reverse smooth side of the corrugated paper. Lastly tuck in pieces of weathered wood, or sprigs of evergreen, or dried berries or leaves, on either side of the box to harmonize with and enhance the central theme of the main display.

Window well dioramas can light up your basement, provide additional storage space and even house those items that are "grievous to bear, toodear to cast away".

Have fun -

Sincerely, Myrtle Young

The Persian rug is becoming a thing of the past. "For over a thousand years these carpets were handmade by Iranian tribeswomen", explains A.M. Shapurian, a spokesman for the Iranian government. "But since the Shah has decreed compulsory schooling for all Iranians, women have become more educated and liberated. They do not want to sit around making rugs all day, especially since Iran's new wealth from oil means there are many other higher-paying and more interesting jobs available."

- National Enquirer via Reader's Digest

It's tough rock hunting behind someone who leaves no stone unturned.

via Ozark Earth Science News

Memorial Day Field Trip to Wyoming

There was an error on the date of the trip in the April issue of THE PICK & SHOVEL. This was corrected at the General Meeting, but some of our members who wish to go on the field trip may not have been at the meeting so this information is being given in the bulletin:

The group will leave the Jack and Jill parking area in Scottsbluff at 7:10 A.M. Saturday, May 28th. All other dates as printed in the April PICK & SHOVEL should be advanced one day.

A recent letter from Daniel Mount, the wagonmaster for the trip, states:

"I went over to Cheyenne, Wyoming yesterday, and saw the BLM people about fish fossils. I saw the state land people also.

Kemmer, Wyoming is the only place in Wyoming that is not open to the public. We can dig fish any place that we find them in Wyoming. So the sailing is all clear to go ahead.

There is a couple that lives at Boulder, Wyoming-47 miles north of Farson, that will take us to some good hunting sites, so we will go up there for one day.

Tell everyone that is going to check and see that his vehicle is in good shape for the trip, so we will have no delays, for it is costly on the road.

If I come up with something else within the next 30 days I will let you know. Otherwise it is go ahead."

Mr Mount further states that there are eight vehicles going from Scottsbluff club with others deciding. Several from Fort Collins, Colorado will meet the caravan at Muddy Gap, and two couples from Vermillion, South Dakota will leave with the group from Scottsbluff. There is also a party from Lusk, Wyoming planning to make the trip.

Do you know why some of our east coast cities have streets that are paved with cobblestones? The answer is that the old sailing vessels carried the stones to America as ballast, where they were exchanged for products from America to the old world.

Lode Down via Tule Smoke Signals

If you must say what you think, be careful what you think.

Pegmatite via Solano Chieftain

THE SPIRIT OF ST. LOUIS FLIES AGAIN

Charles Lindberg made history when he completed his 33 hour flight to Paris, May 21, 1927. An instant hero, his namesakes ran from 5¢ candy bars to new babies. John G. Neihardt then was St. Louis Post-Dispatch literary editor. Joseph Pulitzer, the editor, asked him to write a Lindberg poem. Later, the poet said, "It took four punishing days to get into the mood. On the fifth day the poem spilled out as if I were reading it." It is not in any Neihardt books, and is in few anthologies. With an artist's drawing it featured much of an editorial page. A large copy was obtained from Post-Dispatch files by our club member, Florence Boring. Here is THE LYRIC DEED by John G. Neihardt.

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 alters
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 stroke 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 Lindberg 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!

A Lindberg postage stamp will be issued soon, and a replica plane is scheduled to land in Lincoln next August 13. The field in south Lincoln where "Lucky Lindy" learned to fly will have a plaque to commemorate Aviation History in Lincoln. Florence, an experienced pilot, is one of a committee of twentyfour to collect and preserve such history in Nebraska.

THE NEIHARDT CULTURAL CENTER

Articles about this unique addition to Nebraska's historic places, also listed in the National Register, have appeared in several issues of the Pick and Shovel. Many members have visited Bancroft and are planning returns..

Our Club noted for its renowned life honoary member, the Poet Laureate of Nebraska and Prairie Poet Laureate of America, John G. Neihardt whose major hobby was gemstones. It contributed one of the Center's symbolic features, the 700 pound fossil cycad from the "Hugh Glass country" in northwest South Dakota. This marks the central point in the circular Memorial Hall, to represent the eternal Tree of Life, revered by certain Indian tribes. It is a popular item, says Curator John Lindahl.

Green grass and ornamentals are increasing the beauty, and some original Neihardt plantings are still there. The Poet's house has been moved to a farm 8 miles east; the little, nostalgic "study" has been restored and houses some memorabilias; Neihardt's mother's former home is northwest of it.

The Nebraska State Historical Society and the local Neihardt Foundation together administer the Center; the State appropriated \$200,000.00 to help with the project. Bancroft is near the Omaha Indian Reservation, on Hwy. 51 and 6 miles west of the Hwy. 77 intersection. The local Neihardt Foundation was organized about 1965, is non-profit and has honorary members nationwide.

The Memorial Building has a main circular room with a series of descending concentric levels toward the Tree of Life symbol at its center, where the "dark road of worldly difficulties" is crossed by the "good red road of spiritual understanding", as in the Indian motif, and similar to the older living Prayer Garden west of the building. This skylighted room is entered through a sloping corridor of rainbow colors. Neihardt's Sioux name was "Flaming Rainbow", and the Omaha's called him "Little Bull Buffalo"..

The circular wall of the Memorial Hall provides many recessed cases displaying items relating to the Poet's life, his works and historical events. Changes will be made at intervals for increased scope and variety. These exhibits have been prepared by experts and are unusually attractive and interesting.

Other parts of the building include the Curator's office, a small sales counter, a library reading room and an audio-visual projection area. Beneath the rectangular portion is a storage space; in it are Neihardt's crude, home-made lapidary equipment with which he skilfully fashioned many jewelry items, mostly jade and crystal. Some of this has been in several of our shows and also in the National at Salt Lake City.

Displayed in the library are several items. One of Neihardt's busts created by his talented sculptress wife, Mona, is on a pedestal; his Grandfather Culler's big smithie-anvil is there. (Lincoln's Charles Culler was the Poet's uncle). Mona sculpted several busts of her famous husband, one of which is in our Nebraska Capitol's Hall of Fame.

By governor's proclamation annual Neihardt Day at Bancroft is the first Sunday in August, which this year falls on the 7th. The Center is increasing in popularity, even with foreign visitors, and is already too small.

Contributed by Julious D. Young

JUNIOR PAGE

We are happy to have a field trip report from David Green, one of our Junior Members.

QUICK NOTICE FILED TRIP ON APRIL 9, 1977

Friday night my Mom asked me if I wanted to go on a field trip the next morning. I said, "Yes, I guess." Saturday morning we were to meet in Seward at 8:30. Jim Marburger was the wagonmaster. Seven cars left Seward at 8:36. Then we went north on State Hwy. 15, then west on 92, then north on Hwy. 14 toward Fullerton. Before we got to town Jim led us to the grizzly piles. The weather was nice and sunny, but not too hot. We started looking on the rock piles. We found some petrified wood, jasper, a few fossil bone pieces, feldspar, chalk and a lot of what Mom calls leaverites, but we took some of them too. We found some pieces that looked like mud balls, but they had some crystals in them, particularly where there were cracks. We had lunch there before going to the next area.

We left that area and went through Fullerton and took Hwy. 22 toward Genoa. Jim took us to the second spot. The people were working so they told us the places we could hunt. Here it was real windy and the fine sand was blowing so hard it would sting your face and eyes. We found more fossil bone and teeth at this spot. We didn't find as much wood as at the first place. The workers dumped a new load of wet rocks on the pile and it dried out very quick because of the wind and sun.

We left there and continued on through Columbus on our way home. We went by the swimming pool and park where Columbus holds their summer swim meets. We stopped on the way home and had a can of pop. I really enjoyed going on the field trip with my Mom and the rest of the group.

David Green

FOHS' MFC-- If you have trouble remembering the Mohs' scale for hardness, use this handy scale from Gritty Greetings -

- The (1) Talc
- Girls (2) Gypsum
- Can (3) Calcite
- Flirt (4) Fluorite
- And (5) Apatite
- Other (6) Orthoclase
- Querc (7) Quartz
- Things (8) Topaz
- Can (9) Corundum
- Do (10) Diamond

via River Valley News

A television set is a device that changes a child from an irresistible force to an immovable object.

People who live in glass houses might as well answer the doorbell.

Middle age is that perplexing time of life when we hear two voices calling us, one saying "Why not?" and the other, "Why bother?"

via Flint Rock & Gem Club Newsletter

THAT'S ALL FOL'S TILL BAIL

Playing It Safe...Useful items for your camper.

A name, address and telephone number of someone to call in an emergency.

Spare fuses for the electrical system. Extra can of oil. Flash light.

Fire extinguisher, First aid kit, Flares, Jumper cables, water hose.

Empty can for carrying gas (if you run out) or water.

A handy tool box with the following: screwdrivers, an adjustable wrench for tightening nuts and bolts that may work loose.

Tape for repairing broken wires or stopping small leaks temporarily..

Wire for temporarily holding a muffler or tailpipe.

Rags for drying your distributor or wet wire if your motor drowns out in a heavy rain or driving through high water.

A piece of sandpaper for cleaning dirty battery terminals.

(My apologies to the author of these fine suggestions. I forgot to make a note of the source of information. - Editor)

Safety Tip...If you get too close to a cactus when you are out hunting rocks, (or the flower garden) spread a coat of Elmer's glue over the stickers and let dry. When dry, peel off and the stickers come with it. This works if you get fiberglass in your skin too.

Springfield Rock Club News via Michigan Gem News

Burns - Flashbulb Safety...Safety letters throughout the country continue to report that people receive painful burns from carrying flashbulbs loosely in their pockets or gadget bags. The friction of one bulb rubbing on another can set a bulb off, and when one goes, the heat that it generates is likely to set the whole lot off at once. This is especially true of zirconium-filled bulbs.

Static electricity under certain conditions such as walking across nylon carpeting, can ignite flashbulbs already loaded in a camera. Although not widely publicized, airline companies caution passengers against carrying flashbulbs in their baggage. Radio transmissions and other discharges have been known to ignite flashbulbs aboard aircrafts.

American Federation Newsletter via Limestone Rattler

Nelda's News



Our publisher, Phyllis Parks will be going into Bryan hospital on Monday Morning for surgery on Tuesday at 11:00 A.M. Cards are most welcome.

The Pick and Shovel is again in the top 10 to be decided at the Dayton show. Let's all wish our Editor lots of luck.

Jr. member, David Green won 2nd place medals in both one and three meter diving at the Red Bridge YMCA meet in Kansas City, held April

2. This is in the Missouri Valley Association AAU. He also won 2nd place medals in one and three meter diving in the Midwestern Association AAU Jr. Olympics held in Omaha April 17.

NOTICE: "The Detroit Challenge Cup Competition" OF FINE MINERALS HAS BEEN ARRANGED FOR THE Detroit Gem and Mineral Show October 14, 15 & 16, 1977. This annual special competition is for the top quality specimen collector. Anyone interested in obtaining entry blanks and rules of competition may contact Ray Lambert or Don Carter.

NOTICE: The Lincoln Gem and Mineral Club is attempting to complete a special display case of Nebraska materials for the MWF show at Dayton, Ohio, July 21-24, 1977. Anyone having top quality specimens to loan (cabochans, faceted stones, agates, minerals or fossils) should contact Ray Lambert or Don Carter. Remember, this case is to represent our State, Please contact us. Only top quality specimens can do an adequate job of representing Nebraska rockhounds. All specimens should be to us by July 1, 1977.

I received a letter from Dan Mount from the Scottsbluff Club as follows: Let me know around the 18th of May if you can, how many are going on the Wyoming trip from your club. I will meet all of you at the Zoo Campgrounds at Scottsbluff, Friday evening, the 27th to get all of the names and vehicles numbers on my log book, for the roll call on Saturday morning. (If you are going to motel it might be a good idea to write Dan a letter to tell him your plans. Also if you are only planning on joining him for part of the trip, contact him before leaving Lincoln. Daniel Mount, Harrisburg, Nebr. 69345.) These are fun trips and if you can make it you should go.

Joella Olson has recently been hospitalized, but is home again with no bad reports.

Our Editor, Evelyn Ulrich is still a little under the weather, having a problem with some kind of virus.

There are no reports of scheduled field trips at this time, from our club field trip chairman, Larry Bigley. Be sure to watch for information on the June meeting/picnic. If possible there may be a Sunday field trip, if arrangements can be made.

Jim Harburger, our 2nd Vice President, needs a BIG THANKS from all the club members for setting up the display at the Family Planning almost by himself. Marita and Paula Digley came out to set up Paula's case and Jim set up three cases plus the maps and a display of rockhounding tools and a tumbler. Art Howlett brought out a tumbler (even though he had been quite ill with the shingles) that he had said earlier he would bring. He also brought some small tumbled stones to hand out to the small children who came to the booth. Newer club members Tom and Betty Barnes came out in the afternoon to help relieve. Much more help could have been used at this show. Several of us there had to cancel other things to put this on.

The NRL meeting was attended by me at 2 P.M. Saturday afternoon, also, and they voted to help support the bottle bill by the petition drive. I have attended the bottle bill meetings and we have received more information which we will have to send back if we decide to help on the support of the petition drive. This is a very important bill and the petition drive is to put the bill on the ballot for the November 1978 voting. The Legislature did not even take time to read the bill LD310, so that is why it is up to the public to try to get it passed.

Marita will end this with information on the Weeping Water Trip.

OUR CLUT FIELD TRIP to Weeping Water for horn coral was a fun day. Even before we left Lincoln we picked up 'Sundance' on channel 15. Pretty soon 'Radiator' came on looking for trouble---and we were off. We heard from that 'Mitchell Man' faintly---in Lincoln gassing up. On the way we picked up on the 'Silversmith'.

Everyone was ready to dig and dig we did. We started along the road and got a lot of good specimens. The digging wasn't too hard but we had to be fairly careful so that the tips of the corals wouldn't break off. Every so often someone would exclaim "look at the size of this thing". The same remark was made about some of the crinoid stems found.

About 11:30 AM we moved to the main quarry and stopped for lunch. It was windy and cool. The food and coffee tasted good. Some of us went off on long excursions to see what we could see. Others stayed nearby finding large concentrations of small fossils in the rock. The quarry sure has changed since this writer first hunted it.

We had a nice surprise. It seems that Hal and Darline Janzen were in Lincoln at a dental convention. They not only made meeting night, but Darline also joined us for our trip. She found a little beauty, a marcasite nodule on matrix. She was taking pictures that day also, so she came up with a number of trophies. Jim, Ihyllis and Linda Parks joined us about noon and were pleased with their finds of small fossils. The rest of our crew consisted of Jim Harburger, Tom & Betty Barnes and Melissa. Missy thought all that dirt was great but Hether had reservations. Dick & Dorothy Hornung joined us and so did Wilfrid & Ollie Wittmann, Bud & Joella Olson, Laurence Wightman, Bob & Sylvia Daniels, Donald & Marie Baars, Don & Edna Carter, and Larry & I. We had a good day! I'm sure Don is going to get a lot of nice horn coral for his grab bags for the '78" show. If you are going to contribute uncleaned specimens I think the sooner the better. This cleaning process takes time. NOTE: Keep Sunday, June 26th open for a picnic and field trip combined. Here to follow via the calling committee.

Midwest Federations NEWSLETTER



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All news, articles, subscription orders and requests for information concerning publication
should be sent to the Editor, Haydon Peterson, Parrot Printing, 2125 Forest Ave., Des Moines, Iowa 50311

May 1977 - Issue No. 175

Time to choose your delegates

Have you chosen your delegate and alternate delegates for the MWF Council meeting at the Convention in Dayton, Ohio, July 23? Time is growing short as these people should be listed with the Credentials Chairman by June 1. A form has been supplied to you for this purpose. We urge you to fill it out and get it sent in to Esther Mullaly promptly.

Remember that this is your big chance to make your desires known with respect to MWF policy and other matters of interest and benefit to all clubs and members. It is your opportunity to take first-hand action in the affairs of the Federation. Please consider and follow carefully all the instructions given on the Registration Form. Let's have a fine large turnout of dedicated folks for this convention and make it the best ever. *Hazel Kuntz*

Five new programs

E. Donald Stinnett our Film Library chairman announces the addition of five new slide programs being made available to our clubs. In memory of his wife, a Mr. Walker of Indiana has presented the Midwest with a program on "Turquoise." Many of the slides in this program have been printed in Arizona Highways and are especially beautiful.

Through the combined efforts of John Jaeschke and two Wisconsin clubs, the Madison Lapidary and Mineral Club and Verona Rock and Gem Club, four programs on earth sciences are now added to the library service.

These programs are titled "Geology of Wisconsin," "Glacial Geology of Wisconsin," "Geology of Devils Lake, Wisconsin," and "Mining in Southwest Wisconsin."

Addition of these five programs fills a void in our film library but we are still in need of others. Clubs wishing to participate in providing programs for the Midwest should contact Donald Stinnett.

Clubs wishing to book the new programs for their club use, or for any programs in the library should send their requests to E. Donald Stinnett, 29462 Aspen Drive, Flat Rock, Michigan 48134. Be sure to include a first and second choice of dates and programs to avoid disappointment. Order early and include \$2.00 service charge for each program ordered.

Bureaucratic interference

There have been many articles in many club bulletins, lauding the activities of the Bureau of Land Management. This might be well and good if it were not for the fact that the BLM activities consist largely of bureaucratic interference in the lives of people who could very well govern themselves if the already existing laws were adequately enforced. The true history of the deterioration of our natural resources very clearly points up the fact our laws have been flouted thru congressional chicanery, manipulated by big money power groups. We don't need more bureaucratic regulations, we need better law enforcement. *Chips, Fresno Gem & Mineral Society*

More about Uniform Rules

The Uniform Rules are designed for Regional Federation Shows and American Federation Trophy Competition. Many local shows also have competitive exhibiting. While clubs are encouraged to use the Uniform Rules they are not forced to do so and quite a few clubs prepare their own rules.

The Regional Federation Rules Committee is responsible for the selection of judges at Federation Shows. Every attempt is made to choose only those persons who already have experience in judging under the Uniform Rules. Where do potential federation show judges get such judging experience? - club shows.

Umpires in the major leagues must first "ump" in Triple-A ball in order to maintain the level of officiating in the major leagues at a high level. So it is with judging at gem and mineral shows. Experienced judges aren't "born" - they are "made"! Hopefully they improve as they get more experience under their belt. Judging is a continuous "learning process" - there are new minerals, new locations, changes in names of fossils, improved display techniques, changes in rules.

There never seems to be "enough" experienced judges. The judging chairmen for club shows often must use the services of nearby professionals, such as college geology professors, jewelers, etc. There is nothing wrong with this, but remember these persons may not have very much, if any, background in the Uniform Rules and may assign scores based on personal criteria! It would be nice if the judges at all club shows were qualified for federation show judging. Until that time comes let's remember judges are human too, some have more experience than others, some are junior judges, some are "in training," but all judges are donating their time and energy to the hobby for the benefit of all of us. *Cal George*

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

Publication prices

In the April issue we announced three new publications Uniform Rules, How To Make and Present A Slide Program, and the 1977 Midwest Directory. Copies of the Uniform Rules and How To Make and Present A Slide Program have already been mailed to all clubs.

Prices for clubs and individuals desiring additional copies of two of the three publications - Uniform Rules and "How To Make and Present A Slide Program" - described in the April newsletter have been announced. Prices for the 1977 Midwest Directory will be announced later.

Uniform Rules - 4th edition, blue cover - prices are: \$.75 per copy at the MWF Sales booth/tables; \$1.00 per copy (1 thro 4) post paid mail single address; \$.85 per copy mailed to single address in quantities of 5 or more.

"How To Make and Present A Slide Program" - prices are: \$.25 per copy at the MWF Sales booth/tables; \$.35 per copy (1 thro 4) post paid mail single address; \$.30 per copy mailed to single address in quantities of 5 or more.

Orders for these publications should be sent to Clinton Heckert, MWF Director of Supplies, 725 Stewart Ave., Elgin, Illinois 60120. Be sure your check for the amount to cover your order is enclosed along with the complete name, address and zip code where the copies are to be shipped.

GAS LEAKS FOUND IN RECREATIONAL VEHICLES

A report from the Center for Disease Control indicates "a potentially serious health problem" exists with the use of liquefied petroleum gas and carbon monoxide leaks in recreational vehicles.

In New Mexico out of 410 recreational vehicles checked last year during a four month period it was found that 173 (or 42%) were leaking liquefied gas in the living quarters. Investigation found loose or faulty connections on appliances and stove pilot lights left on and not lit were the cause of the leaks.

MARION GINGERY

Marion Gingery, charter member of the Flint (Michigan) Rock and Gem Club, died February 11. A past president of the club, as well as show chairman for 11 years, Marion was also active in Federation work, having served as State Director for Michigan, and later as Field Trip and Safety Chairman. A retired teacher, Marion continued his teaching career by teaching lapidary. He is survived by his wife, Genevieve.

UNIFORM RULES BOOK CORRECTIONS

Two corrections should be made in the new 4th edition (blue Cover) edition of the Uniform Rules:

Page 12. Classes A-4 and A-6, add: P,Q,R,S.

Page 15. Rule 7.11 should end: "...shall be a minimum of twenty (20)." (Emphasis added.)

New memberships

ILLINOIS VALLEY GEM & MINERAL SOCIETY

Michael Crisman, President
RR #1
Sheridan, Illinois 60551

ROLLING STONES

Christy L. Merz, President
3631 Gerbert Road
Columbus, Ohio 43224

INDIVIDUAL MEMBERSHIP

Mrs. Bonnie Faurote
3381 Pheasant Hill
Akron, Ohio 44313

Convention show plans

"Discover Dayton . . . Gem City 77" is the title given the Midwest Federation show and convention opening in Dayton, Ohio on July 21 and continuing through July 24. The Midwest will be hosted by The Dayton Gem & Mineral Society. in the Dayton Convention Center in downtown Dayton. The headquarters hotel, Stouffer's Dayton Plaza Hotel, is connected by walkways to the convention center and all meetings, dinners and special events will be held either in the convention center or the motel.

The host club, The Dayton Gem & Mineral Society, has made elaborate plans to make this 1977 show one of the finest in Midwest history. Over 77,000 square feet of dealer and exhibition space plus a large lobby area for registration and show information will give ample room for everyone without crowding. In the hotel there are 13 meeting rooms and an auditorium seating 720 people available for the various meetings and programs planned.

Camping facilities are nearby. The Montgomery County Fairgrounds is only one mile from the Convention Center and has a capacity of 800 campers with 320 sites available with water and electricity hook-ups. Shuttlebus service will be provided from the campground to the Convention Center. Those wishing to make reservations should write to Iris Reily, Riverbend Art Center, 142 Riverbend Drive, Dayton, Ohio, 45405. Rates are \$5.50 with hookup and \$4.50 without.

A special feature of the show is the "Hall of States." The exhibit will be made up of a booth for each member state in the Midwest Federation. Each booth will have exhibit material found in the state and pamphlets, maps and other items of interest from the state.

In our June issue we will publish a complete show program together with other information. Those planning to attend this Midwest Federation show should make reservations now so as not to be disappointed.

If you wish specific information on any particular phase of the show, write or phone the Show Chairman, Ted Cadeau, 263 Ridgewood Ave., Oakwood, Ohio, 45409. His phone number is 1-513-294-0679.

PLEASE... DON'T BE A LITTERBUG

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June 1977 - Issue No. 176

Convention plans completed for July show in Dayton, Ohio

General Show Chairman, T. T. Cadeau says plans are completed for the Midwest Federation show and convention opening in Dayton, Ohio on Thursday, July 21 and continuing through Sunday, July 24. The Dayton Convention Center in downtown Dayton is the site of the show and convention and is connected by walkways to the headquarters hotel, Stouffer's Dayton Plaza Hotel, and all meetings and events will be held either in the Convention Center or the hotel.

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terest from the state.

A very special editor's breakfast is planned for this year. The menu will be a little different. There will be printing demonstrations, and silk screening for bulletin covers will be demonstrated.

A demonstration on gold panning is planned throughout the four day show, done by one of our club members, who obtains his gravel locally and has been doing this for many years.

Speakers and displays include June Culp Zeitner - "The Gem World of Quartz"; and "Thundereggs, Those Fascinating Nodules"; Russell Kemp - "Carvings and Carvers of Idar-Oberstein, Germany"; and "The Lizzadro Museum Story." The Lizzadro Museum of Lapidary Art, Elmhurst, Illinois, will have an exhibit. The Lizzadro Family has a collection of carved Jades, one of the largest in the midwest.

The Headley Museum in Lexington, Kentucky, will show a jeweled bibelot that has never before been exhibited outside the museum. Dr. Claude Wilkes Trapp, director of the Headley Museum, will be one of our speakers.

Messrs. Jack Price, Dave Miller, and Ernest J. Michaud will speak on lapidary, faceting, sapphires and rubies. A continuous demonstration of star ruby cutting and polishing by Ernest Michaud. He will have on display the Big Mahoo of Flint Michigan, "the largest star ruby ever cut by an amateur gem cutter."

Dr. R. A. Davis will speak about Dinosaurs; Dr. Joseph Mandarino on a subject yet to be decided, and Russell MacFall on "The Treasure



of Tutankhamun."

The Museum of Heidelberg College, Tiffin, Ohio, will have an exhibit. The Charles H. Jones Collection of Minerals contains over 4,900 catalogued specimens, the bulk of which was collected by Mr. Jones between the years 1896 and 1916.

Geode Industries, New London, Iowa, will show an American Eagle picture in polished gem stones taking 600 man hours to complete and shown in many displays last year during the Bicentennial. Approximately 385 large stones are used in the picture.

The Goniea's, Ralph and Jane, of Michigan, will demonstrate custom creations in wirecraft art. There will be exhibits from the Cranbrook Institute of Science in Michigan, Carnegie Museum of Natural History in Pennsylvania, Kohokia Mound Museum of East St. Louis, Ill. plus the Dayton Art Institute and Wright State University.

The Dayton Museum of Natural History should be presenting a pictorial archaeological display of the Indian Village, discovered in Dayton.

WELCOME NEW CLUB

CENTRAL ARKANSAS GEM
& MINERAL SOCIETY

President, Bruce Smith
1006 S. Maple Street
Little Rock, Arkansas 72119

New program

Our film library chairman, Donald Stinnett, announces a new program has been added to those available for booking by our new clubs. Title of the new program is "Three Kinds of Rocks" furnished by the Madison and Verona Rock and Gem Club. This program is very basic, showing the place to start with your collection.

Stinnett would like the help of all Midwest State Directors in helping him compile a new program aids manual giving the names of speakers, and distances they would travel and their fees to appear on club programs.

Send your lists of speakers and requests for slide programs to Donald Stinnett, 29462 Aspen Drive, Flat Rock, Michigan 48134. Be sure to include the complete name and address of the person to whom the program is to be shipped and attach your check in the amount of \$2.00 for each program ordered.

CLUB SHOWS - HELPING JUDGES HELPS EXHIBITORS

By Calvin George

In order for judges to do their best, the Host Club must assist the persons they have asked to judge. What should a club do to help judges?

1. Well in advance of the Show the person who has agreed to judge should be told:
 - a. The time he is expected;
 - b. Where he is to report;
 - c. What to bring, if anything;
 - d. If there is a time set after judging when exhibitors can talk to judges;
 - e. Whether clerks will be provided;
 - f. Whether judging sheets will be furnished.
2. Provide the official references for the Mineral Division, plus other official references.
3. Try to determine what kind of fossil exhibits are entered, advise the fossil judges and obtain the proper references.
4. Furnish a pass for the judge and spouse.
5. If ribbons for show officials are provided, comparable ribbons or other form of identification for the judges is appreciated.
6. Make some arrangements to compensate the judges, as the club is able; usually as an honorarium. It is not reasonable to ask a judge to give a full day or more of his time with nothing but a "thank you!"

OUR ARCHAEOLOGY CHAIRMAN, DICK ADE,

suggests that persons in the Chicago area might want to visit the Chicago Field Museum to view the King Tut exhibit on loan from Egypt. The exhibit will be at the Museum until Aug. 15 when it will be moved to other U.S. cities.

WE WERE SORRY TO HEAR

one of our former Midwest treasurers, William Dahlberg, has suffered a stroke. He is now home at 5744 Standish Ave., Minneapolis, Minn. 55417. A speedy recovery to Bill.

CORRECTIONS AND ADDITIONS TO 1977 DIRECTORY

Regardless of how careful the annual Directory is prepared errors are found and corrections become necessary. In the 1977 Directory the name of our Environmental Chairman was omitted. He is Dr. David Hess, Dept. of Geology, Western Illinois University, Macomb, Ill. 61455. The Credentials Committee should show Mrs. Lavonne Grove as an Assistant, not Mrs. Lavonne Grace. Haydon Peterson should have been shown as Newsletter Editor and not as an assistant.

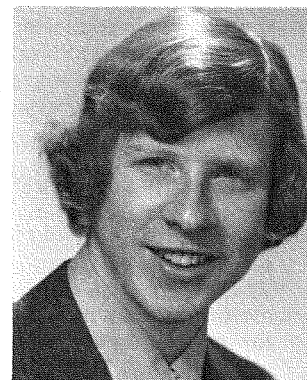
A club listing was omitted from the Iowa section.

GEODE GEM & MINERAL SOCIETY, President, Frances Oge, 925 Hayes St., Burlington, Iowa 52601. Liaison and Editor, Loyd Dietsch, 505 Swan, West Burlington, Iowa 52655. Bulletin, "Rockhounds". Meeting, 2nd Saturday, 7:30 P'M' at Midwest Federal Savings and Loan Community Room, 3rd and Jefferson, Burlington, Iowa.

SCHOLARSHIP AWARDS

By Russell MacFall

Edwin Robert Hajic, a geology major at Cornell College, Mt. Vernon, Iowa is the 1977 choice of the Midwest Federation of Mineralogical and Geological Societies for the grant for graduate work under the American Federation's Scholarship Foundation. He was chosen by Dr. Fritiof M. Fryxell, geology professor emeritus at Augustana College, Rock Island, Illinois.



Edwin Robert Hajic

Hajic, who will be 22 years old this summer, first became interested in archeology at Northwestern University, where he has taken part every summer in the excavations at Kampsville, Illinois, directed by Dr. Stuart Streuver, Scholarship Award winner in 1973. There and at Cornell College he has continued study of clays, their origins, properties and use in ceramics as well as in geological and archeological relationships.

Dr. Paul L. Garvin, chairman of the geology department at Cornell, wrote of Hajic: "I believe that Edd has the capacity for creative independent research. Currently he is doing independent work in clay minerals using X-ray diffraction. His work is well organized and he is doing it with a minimum of supervision. His ability to make critical evaluations, plus the care and precision with which he works, should insure him success in graduate research. He plans to make a career of teaching and research at the college level."

Hajic's home is in Oak Park, Illinois.

The Midwest Federation of Geological and Mineralogical Societies was granted a "wild card" extra opportunity for 1977 to give scholarship aid to a graduate student through the Scholarship Foundation. The person to whom this has been awarded is Melvyn Peter Machin, a graduate of London Technical College in mineralogy at the University of Chicago, who was honored with the Scholarship award in 1976.

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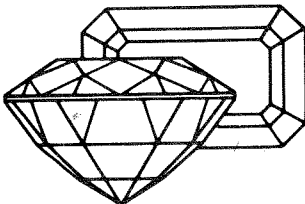
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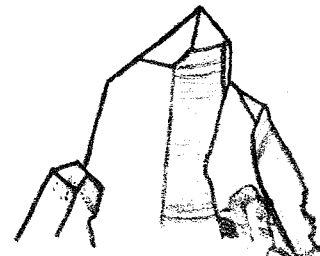
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