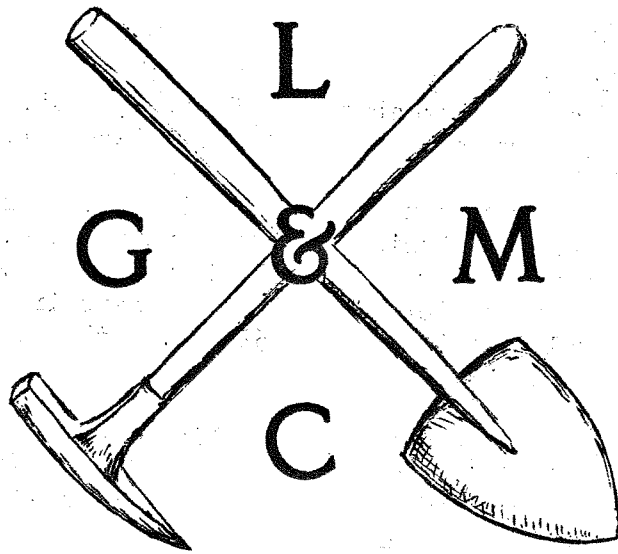


THE PICK & SHOVEL



JUN 1976

OFFICIAL PUBLICATION OF

LINCOLN GEM & MINERAL CLUB

LINCOLN, NEBRASKA

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

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

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

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

1976 ELECTED OFFICERS:

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

STANDING COMMITTEE CHAIRMEN:

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

PICK & SHOVEL STAFF:

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

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

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

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

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

Calendar

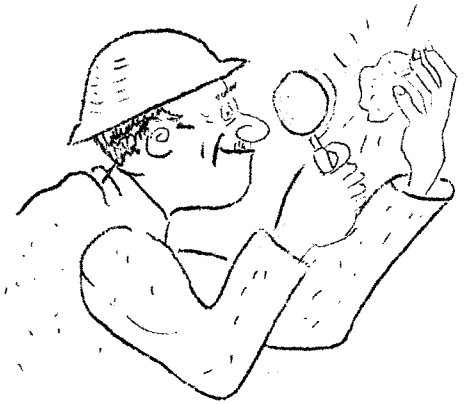
No Regular Meetings scheduled for June, July, or August

Welcome to New Members:

Barnes, Thomas (Betty) & Melissa, 5431 Martin 68504
467-3888
Doherty, David J., 3009 Holdrege #2 68503, 475-5717

Reinstatement:

Heller, Verne (Millie), Arlington, NE 68002, 478-4622 (Toll)
Mullinix, Gerald (Roma), 2431 S. 38th, 68506



1976 Dates to Remember

Lincoln Gem & Mineral Club's 10th Annual Swap
10th and Military Road
July 3, 4, 5, 1976

Saturday: Field Trip, 10 A.M., Pot Luck Supper 6:30 P.M.
Sunday : Free Pancakes 8:00 A.M., Auction 2:00 P.M.
Monday : All day swapping

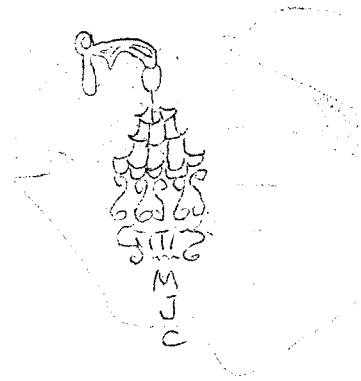
Field Trips:

Montana: Dryhead Agate Area - north of Lovell, Wyoming
Wagon Masters: Tom Simmons, Dick Hornung
When: Aug 28th thru Sept. 4th or 5th
For more information contact Tom at 488-1619

President's Field Trip: August 21st thru the 29th - For more information see Page 4

Other Dates to Remember

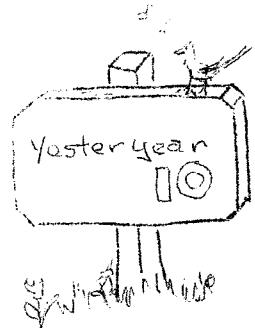
June 19 - 20	Beatrice, NE	Homestead Gem & Min. Club 7th Annual Swap, Chautauqua Park
July 22 - 25	W. St. Louis Co., MO	MWF Convention and Show Show Center 9785 St. Charles Rock Road
July 31 - Aug. 2	Norfolk, NE	NAOESCI State Swap
Aug. 21 - 22	Crawford, NE	Annual Show
Sept. 17 - 19	Kimball, NE	Plains Rock & Min. Club Show
Sept. 25 - 26	Nebraska Cit, NE	Arbor Valley Gem Club Show Memorial Bldg., 810 1st Corso
Oct. 2 - 3	Sioux City, IA	Siouxland Gem & Min. Show
Oct. 16 - 17	Grand Island, NE	Grand Island Earth Science Society Show



VAYA CON DIOS - May God be with you

Cards were sent this month to:

- Dorothy Englehart - Get Well
- Maurice Tracy - Get Well
- The James Parks Family - Sympathy



June 1966

There was no program listed. It was noted in the President's column about Nebraskaland Days and that our Club Float was one of the most colorful and nicest.

From the Notebook of Lois Everett, Club Historian

Fairburn Find

Tom Simmons, our Fairburn man, reports that he recently found one of the nicest Fairburns that he has collected for a number of years. It is about three inches in diameter, and is all covered with pattern. He found it in the Crawford area where he is building a vacation home. We congratulate Tom on his good luck, and are glad to know that these beauties can still be found.

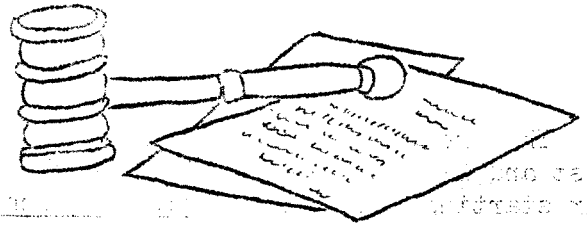
Pre-Publication Offer

A letter and catalog from the NORTH PLAINS PRESS, Box 910 Book Division, Aberdeen, S.D. 57401 offers Borglum's Unfinished Dream - Mount Rushmore, By June Culp Zeitner and Lincoln Borglum for a pre-publication price of \$8.95 a copy. The offer expires June 15, 1976. This is a lovely little catalog of western literature and art. You may obtain one, if you wish by writing to the above address.

Pub.note-Sorry that we didn't get this out in time for you to take advantage of the lower price - but it is still well worth your effort to obtain a copy.

We were happy to note that some of our exchange bulletins are printing Linda Park's puzzle. Good going, Linda. We are sure proud of our Junior members.

THE PRESIDENT'S MESSAGE



Dear Club Members;

The Memorial Day Trip to the Great Salt Plains of Oklahoma to collect Selenite Crystals was quite a success. We arrived early Friday evening around 7:30 PM and camped at the base of the dam. Late in the evening we received a visit from the Baars and Daniels who were staying in a motel in Cherokee. Upon arising the next morning we found that we had been joined during the night by the Barnes family who had camped next to us. It is a short trip over to the collecting area and by mid-morning we found that we had quite a group which consisted of the John Harrison family and Johns Mother Mrs. Madeline Harrison, Bob & Sylvia Daniels, Donald & Marie Baars, Stan & Hazel Greenwade, Norma Miller, Marie Wells, Frank & Tom Rule, Tom & Betty Barnes & Susie, Bud & Joella Olson, and the Bigley family. Also joining us were Howard & Alice Plant of Aurora, NE, Fred & Evelyn Huffman & Elmer & Marie Gieger both of Superior, NE.

Saturday evening most all gathered for a pot luck supper. After a day of digging in the heat there wasn't much left to be put away. After dinner all sat around and enjoyed each others company. By the time darkness fell we were all ready for bed. Sunday morning bright an early saw everyone on the move for that old hole that they knew had to be better or to dig a new one. The two days we spent digging were beautiful. I believe everyone found a sufficient amount of material to be proud of. Sunday evening everyone turned in early in preparation for their long trip home.

Even though all that had hoped to make the journey could not make it I feel that we had a fine turnout. The especially satisfying part were the members of other clubs who joined us. I feel that on trips of this nature we should always encourage our friends to join us. It makes for better inter-club relationships and participation in each others activities.

The tenth annual Rock Swap of the LGMC has been set for the 3rd, 4th, and 5th of July this year. We are looking for a better than average turnout by club members this year as it is over a three day weekend. The field trip scheduled for Saturday the third will be led by Roger Pabian to the Weeping Water area for horned corals and fossils and an educational talk by Roger on the area. Please remember that the rock swap is a family affair and is a club project whose proceeds help our club operate.

On August 1, 1976 we of the LGMC have been invited to the dedication of the John G. Neihardt Cultural Center in Bancroft, Nebraska. As you know John Neihardt is Poet Laureate of Nebraska and was an honorary member of our club for many years. There will be a special cachet cancellation on this Sunday. A 3:00 PM program is planned. This is a public event and everyone is welcome so if you are planning to attend friends are welcome. We understand that there is one small restaurant in Bancroft and a lovely picnic grounds adjoining the Cultural Center. Let's make a day of it!

The President's Field Trip

The President's Field Trip will begin by taking in the Crawford show August 21st and 22nd. The LGMC will use the Fort Robinson campground as a meeting area. Our starting time will be 8:00 AM each morning.

Monday Aug. 23rd we will hunt blue agate and chalcedony roses in the Crawford area. We will return to Fort Robinson Monday evening for the night.

Tues. Aug. 24th we will drive to Hot Springs, SD to observe the dinosaur dig in the middle of town. At last report this dig was being conducted by three Universities. Then we'll swing out to Fairburn to look for Fairburn agates. We'll camp on the west edge of Custer, SD at the Flintstone Campground.

Wed. Aug. 25th we plan to explore the garnet area approximately 13 miles west of Custer. Given time we'll go in search of black tourmaline crystals also. We'll camp again in the Flintstone Campground at Custer.

Thurs. Aug. 26th we will drive to Mount Rushmore and then to Lead, SD to visit the Homestake Gold Mine and tour the facilities. The Homestake is the largest gold mine in this hemisphere. After this we will go on to Rapid City, SD and camp at the KOA campground one mile east of Rapid City on Hiway 44.

Fri. Aug. 27th we go to another Fairburn agate bed and then on to the Badlands for more rock hunting. We'll camp at Interior, SD at the Interior Campground 2 miles north and east of Cedar Pass on Hiway 44A. (Federal - free camping)

Sat. Aug. 28th We will take the scenic drive through the Badlands for sight seeing and picture taking and on up to Wall Drug. From there on to Niobrara State Park in Nebraska to camp Saturday night. This will be a 350 mile day.

Sun. Aug. 30th Sunday we will journey on to the Neihardt Cultural Center. This will be a chance for the LGMC as a group to tour the Center dedicated to our honorary member Dr. John G. Neihardt in Bancroft, NE. The final lap home from Bancroft of approximately 110 miles will be at everyone's discretion.

On the camping; the KOA and state campgrounds charge a fee of \$3 to \$5 per vehicle. On an organized trip such as this we have to have organized camping and what is planned is as reasonable as we can find. Also a suggestion, if you wish to hookup to electricity bring plenty of cord. For any further information please contact me Larry Bigley at 466-0211.



GLENNA'S GLEANINGS

Dorothy Englehart is home after a long hospital stay. Friends will want to send "Get Well" cards and notes.

Frank Krejci was honored by being invited to compete with his faceting at the National Show in Austin, Texas in mid-June. Hope you win again, Frank!

Sympathy is extended to the Parks family. Phyllis' mother passed away on May 20th.

The Irl Everett's son, Gary, had a promotion at Burlington Northern which will take him and his family to Plattsmouth for several months.

Judy Walt presented President Ford with a Bi-centennial necktie when he was in Lincoln recently campaigning. In return, she got an autographed \$2 bill.

Lars Olson (of the 4-H Petrified Pebble Pups) and Lori Jones, daughter of Mr. and Mrs. Gary Jones, will be traveling in Europe this summer as part of the State Department's People to People Program. They will be living in local homes.

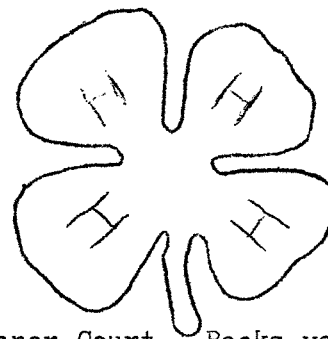
Thirty-six attended the pot-luck dinner held at the University Place Park on May 22nd, in spite of inclement weather, and it RAINED. A discussion was held on the plaque to be placed with the cycad the Club purchased for the Neihardt Memorial in Bancroft. A delegate for the Midwest Federation show in St. Louis is wanted. Please call Larry Bigley.

Evelyn Ulrich was informed that The Pick & Shovel placed in the top ten bulletins again this year. She was invited to attend the Breakfast at the Federation Show next July to receive an award. Congratulations to the Publishing Committee!

The Dick Hornungs have been in Mexico this past month. Did you get some goodies? Or was it a rock hunt?

S'all for this time.

PETRIFIED PEBBLE PUPS NEWS REPORT



The Petrified Pebble Pups met Saturday, May 8, 1976 at 1909 Manor Court. Rocks were displayed and judged by the displays. Mary Green won by a landslide. Mr. Roger Pabian talked and showed slides on Nebraska fossils. The business meeting was conducted by the president, Andrew Olso n. Nothing special was discussed.

Tom Harrington, 4-H Club News Reporter

LINCOLN GEM & MINERAL CLUB - 1976 SHOW REPORT

(May 21, 1976)

INCOME

Dealers	1,873.50	
Tickets	2,601.75	
Rock Pile	103.40	
Special Features	30.00	
AFMS Wishing Well	9.00	
		<hr/>
		4,617.65

EXPENSES

Dealers	15.68	
Printing	63.09	
Special Features	444.02	
Competition	74.21	
Security	52.00	
Programs	72.07	
Recognitions	19.47	
Publicity	449.19	
Show Chairman	48.20	
Floor expense	53.61	
Building	1,859.62	
Hospitality	28.19	
Tickets	450.00	
Sales Tax	65.04	
($2\frac{1}{2}\%$ of gate 2,601.75)		
		<hr/>
		3,694.39

Net Profit

\$ 923.26

Midwest Federation's NEWSLETTER



Published monthly except July and August as a service to members clubs.
All news, articles, subscription orders and requests for information concerning publication
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Issue No. 166 - June 1976

The Midwest Federation of Mineralogical and Geological Societies **1976 Convention and Show**

St. Louis, Missouri • July 22-25



a tribute to
Our Mineral Heritage

Final plans are now complete for the Midwest Federations 1976 show and convention in St. Louis beginning July 22 and continuing through July 25. Garald Hook is show chairman. His address is 932 St. Charles Avenue, St. Louis, Mo. 63301.

Following is a list of things to do while in St. Louis attending the convention and show.

ADMIRAL, Riverfront: Cruises on the Mississippi on the largest steel hull sight-seeing boat on the river. Day cruises Tuesday through Sunday, depart at 10:30A.M. and return at 3:00P.M. Evening cruises Thursday through Sunday leave at 9:00P.M. 621-4040

ART MUSEUM, Forest Park: Priceless permanent collection of paintings, sculptures and period displays. 721-0067

BUSCH MEMORIAL STADIUM, Downtown: Home of the Baseball & Football Cardinals. A 10ft. statue of Stan Musial adorns the entrance plaza. 421-6790

CAMPBELL HOUSE, 1508 Locust: The mansion of Lucas Place, home of the elite in the 1850's. 421-0325

EADS BRIDGE, Washington at 4th: The first steel truss bridge in the world. Opened in 1874 to mark the beginning of the end of the steamboat era.

FOREST PARK, Midtown: One of the largest, 1,400 acres, and most beautiful of all city parks. Forest Park is the home of the Art Museum, Jefferson Memorial, Jewel Box, McDonnell Planetarium & the world famous St. Louis Zoo.

GATEWAY ARCH, Riverfront: Jefferson National Expansion Memorial is a tribute to the pioneers who settled the West. Ride to the top and see the sights of St. Louis. 622-4465

GRANT'S FARM, 10501 Gravois Rd: This beautiful estate was Ulysses A. Grant's "Hardscrabble Farm." The log cabin Grant occupied before the Civil War has been preserved. A

Things to Do...Continued on Page 2.

NEW CLUBS

Eastern Missouri Society for Paleontology
Henry A. Porter, President
Big Bend & Clayton Rd., (Oak Knoll Park)
Clayton, Missouri 63105
joined April 21, 1976

Arbor Valley Gem & Mineral Club
Marie Holliday, President
1525 N. 10th
Nebraska City, Nebraska 68410
joined April 21, 1976

Scholarship Honor Awards Announced

The AFMS Scholarship Foundation is proud to announce the six Honorary Award Winners for 1976, the twelfth year the awards have been made. From a modest beginning of one award in 1965 when one scholarship of \$300.00 was granted, the support of the AFMS membership over the years now makes it possible to provide six Honorary Awards. These Awardees will each choose a school where a grant of \$1,000.00 per year for a two-year period will be made to a graduate student in earth science. Following are the Honorary Award Winners for 1976:

California Federation - Mr. Leslie L. Darling, Past President of the California Federation and of the American Federation.

A third generation member of a pioneer Kern County family, his background is one of geology and mineralogy. A graduate of Bakersfield schools, Les continued his interest in mineralogy and joined the Kern County Mineralogical Society in 1952. This was the beginning of a long career of service to his hobby and fellow rockhounds. The highlight of his days was October 12, 1935 - the date of his marriage to Miss Winifred Van Neman. Now retired from the U.S. Postal Service, he devotes his time to "Winnie", intense study of his pet subject "fossilized wood", and work on P.L.A.C. with special emphasis on the controversial Mojave Desert.

Awards...Continued on Page 2.

Awards...continued from page 1.

Eastern Federation - Dr. Otto C. Kopp, Professor of Geological Sciences, The University of Tennessee, Knoxville.

Dr. Kopp received his B.S. from Notre Dame, his M.S. and Ph.D. from Columbia University, and has been on the staff of the University of Tennessee since 1958. He is also a consultant for the Oak Ridge National Laboratories, specializing in the study of the actions of plutonium wastes on halites. In this age of increasing use of atomic energy, the disposal of the waste products is of vital importance to mankind. The author of 33 papers, Dr. Kopp has also collaborated on three books.

Midwest Federation - Dr. Paul Brian Moore, Professor of Mineralogy and Crystallography, The University of Chicago.

Born in Stamford, Connecticut, he received his B.S. from Michigan Technological University and his M.S. and Ph.D. at the University of Chicago. Dr. Moore studied for a year in Sweden on a NSF fellowship before joining the faculty at Chicago in 1966 where he has been a full professor since 1972. He has published 86 papers on atomic arrangements and inorganic materials. In 1975 he received the Humboldt Medal, one of the highest honors in mineralogy. Dr. Moore has given freely of his time to speak before mineral clubs and federations. In 1976 he will spend six months in Gottingen, Germany to complete two books on mineralogy.

Northwest Federation - Mr. Quincy D. Howell, Instructor in Lapidary and the Identification of Petrified Wood, Boise State University.

A native of Troutdale, Oregon and graduate of the University of Oregon, Quincy has been retired from the Air Force since 1961. A master faceter and graduate gemologist, he has also become proficient in the microscopic identification of fossilized woods. He gives unstintingly of his time to organize, encourage and teach classes for those interested in earth science so that they can become more proficient in the art of lapidary and in identification of petrified wood.

South Central Federation - Dr. Elbert A. King, Professor of Geology, University of Houston.

A native of Austin, Texas, Dr. King received his B.S. and M.A. from the University of Texas and Ph.D. in Geology from Harvard. After working as geologist for NASA at the Manned Spacecraft Center and as Curator of lunar samples, he has been Chairman of the Department of Geology at the University of Houston since 1969. Dr. King was principal investigator of mineralogy and petrology for all Apollo missions and has done research on the geology of Mars and Mercury. A member of many professional societies, Dr. King is also a member of the Houston Gem & Mineral Society where he has been of great assistance with programs and exhibits.

Rocky Mountain Federation - Dr. D. Jerome Fisher, Emeritus Professor of Geology, Arizona State University, Tempe.

A native of Canton, N. Y., he received his B.S. from the University of Chicago where he was center on the football team and captain of the track team. After service with the A.E.F. in France, he returned to receive his M.S. and Ph.D. magna cum laude in Geology. Dr. Fisher then served on the faculty at Chicago from 1921 until 1961 and at Arizona State University

Things to Do...Continued from Page 1.

wild-life reserve surrounds the area. 843-1700

JEFFERSON MEMORIAL, Forest Park: Home of the Mo. Historical Society, whose exhibits show the history of St. Louis, and the westward expansion. 726-2622

JEWEL BOX, Forest Park: Seasonal floral exhibits housed in this unusual greenhouse. 371-9228

MCDONNELL DOUGLAS PROLOGUE ROOM: Reflects the heritage of more than half century of aerospace science and engineering at McDonnell Douglas, tracing the history of the company from its founding in 1920. It is located in the McDonnell Douglas World Headquarters building at Brown and Airport Roads near Lambert International Airport. Open weekdays only 9:00A.M. to 3:00P.M. Inquire at the information booth or 232-5421.

MCDONNELL PLANETARIUM, Forest Park: Projectors showing the wonders of the universe offer an entertaining and educational celestial show. 535-6810

MUNICIPAL OPERA, Forest Park: Built in a natural amphitheater in the world. The stage is the largest and the only open air revolving stage anywhere. 367-8686

MUSEUM OF TRANSPORT, 3015 Barrett Station Rd: Unrivaled collection of locomotives and assorted rolling stock, city transit vehicles from the horsecar till today.

OLD COURT HOUSE, 4th & Market: Scene of famous Dred Scot trials. It now houses exhibits of old St. Louis history. 622-4465

ST. LOUIS CATHEDRAL, 4431 Lindell: A magnificent Byzantine styled structure, internationally famous. Headquarters of the Catholic Diocese of St. Louis. 533-2824

DIRECTOR APPOINTMENTS

Midwest President Howard Taylor announces the appointment of Truman J. Ramsell, 715 Greenfield St., N.E., Cedar Rapids, Iowa 52402 as the new State Director for Iowa. Two new Assistant State Directors for Iowa are Larry DeSotel, 247 Sussex Drive N.E., Cedar Rapids, Iowa 52402 and Hugh Carroll, Route 2, Fort Dodge, Iowa 50501.

SPRING MEETING

The spring meeting of the Midwest Federation was held Saturday, April 10 in Cedar Rapids, Ia. A number of matters were discussed and a complete report of this meeting will be sent to all clubs by the Secretary as soon as possible.

from 1968 to 1974. He also served as a geologist for the USGS and for the states of Illinois and South Dakota. The author of 100 publications on mineralogy, geology, crystallography and refractometry, he also served many scientific organizations, including being President of the Mineralogical Society of America and of the International Mineralogical Association.

Everett Lapidary Shop

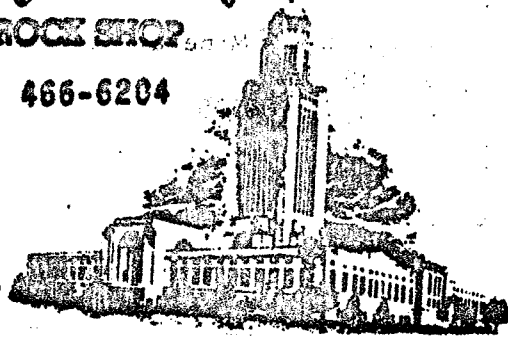
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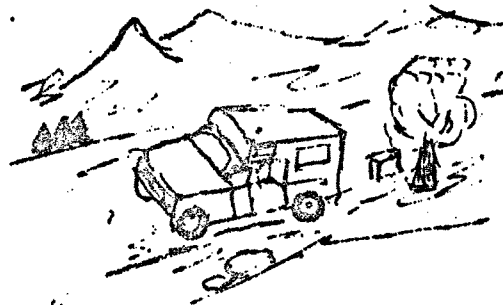


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They are always willing to assist when you have a gift problem or need
materials to work with on your vacations.

For July Evy sez -- United States is 200 years old this month.
We are starting our 22nd year.
Happy Birthday USA.

For July Frank reminds you no need to wait for winter - come anytime for your
lapidary needs.

NO PICK & SHOVEL TO BE PRINTED IN JULY OR AUGUST !!

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