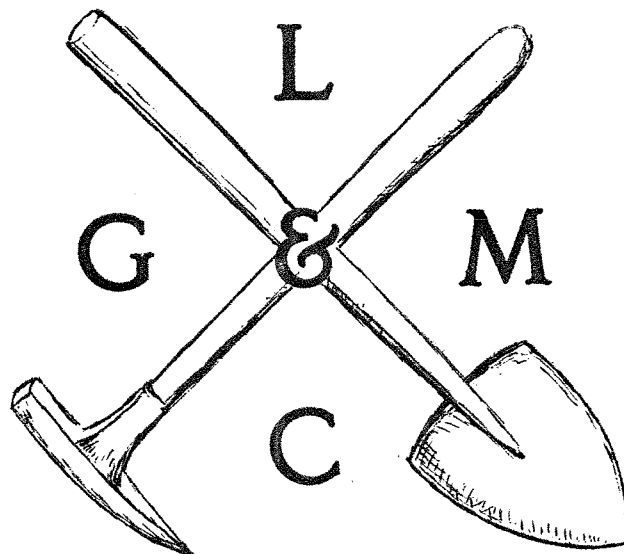


THE PICK & SHOVEL



~~MAY - 1972~~

JUN - 1972

OFFICIAL PUBLICATION OF

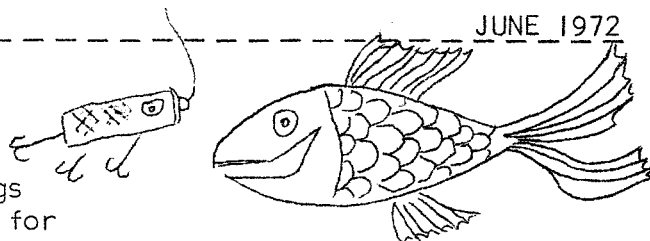
LINCOLN GEM & MINERAL CLUB

HOST OF COMBINED

MWF-AFMS NATIONAL SHOW AND CONVENTION
AND NEBRASKA STATE SHOW

JUNE 13-16, 1974
LINCOLN, NEBRASKA

CALENDAR

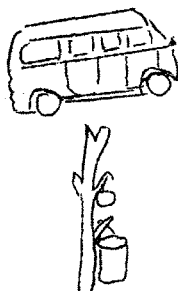


NO REGULAR MEETING THIS MONTH but see listings below and elsewhere in this issue for events 'round and about. Also check other gem publications for events.

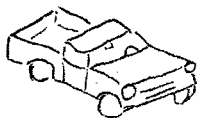
JUNE 16 FIELD TRIP...as stated in 1972 WHO'S WHO...cancelled due to lack of enough members who could make it at this time. Instead the trip is scheduled for Aug. 27 to combine with the Labor Day field trip to the Crawford-Chadron area. Meet at the Jack & Jill Parking lot at 8:00 AM, Aug. 27th, 27th & I Sts., Scottsbluff, Nebraska, for the guided trip into Wyoming for artifacts and material in the Lusk, Douglas & Guernsey area. Or join the group at Ft. Robinson, at Crawford, at 8:00 AM, Sat. Sept. 2, for material in this area - petrified wood, chalcedony roses, Fairbury agates (we hope), etc. For the Wyoming end of the trip you will need a digging tool such as a spade, chisel, rock hammer, carrying bags or back pack, and a sledge (6 lb.). In the Crawford area a rock pick, water bottle, carrying device, and good eyes. This Labor Day event is the traditional President's Field Trip and always is a fun, productive trip. Try it-you'll like it!



AUG. 4-6 LGMC hosted State Swap...to be held at the Park north of the National Guard Armory located at 1776 N. 10th St., Lincoln. On Saturday, Aug. 5 there will be a field trip to the Weeping Water-Louisville area for fossils, leaving the campsite at 1:00 PM. No special equipment is needed for hunting in this area. In the evening entertainment will be furnished back at the campsite by the Polka Band, and there will be a watermelon feed. On Sunday, Aug. 6, a pot luck dinner will held at 12:00 noon followed by an auction. FREE COFFEE...FREE CAMPING...no hook-ups. Water available. ADMISSION...(1) One good specimen per family for the auction. Flyers will be out soon!



Aug. 20 FIELD TRIP...rescheduled from Aug. 19. To be held Sun. Aug. 20...meet at 11:00 AM at the Kansas weigh station, 3/4 mile N. of Hwy 36 on Hwy 77, to proceed to Marysville, Kansas for gypsum nodules and satin spar. \$3 per bu. You will need regular rock hammer and a long chisel or pry bar would be handy. Also carrying units to haul your material. On all these field trips it is advisable to bring your mosquito and bug repellent as well as drinking water.



NEW MEMBERS...Harry E. Weakley, 2111 N. 57th, Lincoln, NE 68505 ph 466-5864
 Bill & Edith Holdorf, 4144 B St., Lincoln 68510 ph 488-5065 (reinstatement)
 Maurice & Elvira Houdersheldt, Rt. 1, Shelby, NE 68662 ph (112)527-3127
 Steve & Hazel Tarcza, 1305 Skyline Dr., Grandview, MO 64030 (816)763-1316

Welcome

ADD TO YOUR WHO'S WHO...phone number for Ray & Kathy Grabher - 488-1002

CHANGE OF ADDRESS to WHO'S WHO...Glen Ulrich, 4520 Calvert, Apt 7.

Jeella Olson

COMING EVENTS:

JUNE 17-18 SWAP Chatauqua Park, Beatrice, Nebraska
 June 17-18 100th Meridian Rock & Gem Club Open House & Rock Swap, Lafayette Park, Gothenburg, Nebraska

(continued)

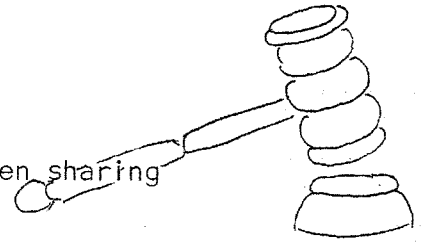
CALENDAR OF EVENTS...(continued from calendar page)

- May 1-Nov. 1 Collecting at Thunder Bay Amethyst Mining Co. Ltd., Thunder Bay, Ontario
- June 17-18 Chip & See Rock Club SWAP, Keota Park, Keota, Iowa. Free Camping-all hobbies
- June 17-18 Geode Gem & Min. Soc. SWAP, Delabar State Park, Oquawka, Ill. Auct. Sun.
- June 16-19 State Gem & Min. Show, Custer Nat'l. Guard Armory, Custer, SD. Collecting trips Friday and Monday
- June 20-Aug. 31 Open for collecting at 10¢ per lb., 6 mi. from Custer, SD, Kitty No. 1 Lode, B & H Mining Properties, Geo. Gland, Custer, SD
- June 29-July 2 American Federation Conv. & Nat'l Show, Anaheim Convention Center, Anaheim, Calif.
- July 2 Lapidary Auction to settle estate...IHAM, Nat'l Guard Armory, Maryville, Missouri
- June 23-25 Rocky Mtn. Fed. Show, Veterans Mem. Coliseum, Phoenix, AZ
- July 6-10 ROCKHOUND JAMBOREE, Box 86, Grantsville, Utah
- July 9 Hawkeye Gem & Min. Club SWAP, Corning Fairgrounds, Corning, Iowa
- July 14-16 Tri-State Gem & Min. Club Show, Kennedy Mall, Dubuque, Iowa
- July 15-16 Fort Butler Rock SWAP, VFW Bldg., Hebron, Nebraska
- July 15-16 Navajo Trails Gem & Min. Club Rock, Craft & Hobby Show, Gem Village between Durango & Bayfield, Colorado
- July 19-25 Midwest Federation Field Trip Convention, Ishpeming Armory, Hwy 41, Ishpeming, Mich. registration deadline-June 19.
- July 22-23 Colorado Springs Min. Soc. Show, Auditorium, Colorado Springs, Colo.
- July 31-Aug. 5 Prairie Rock & Gem Soc. Show, Regina, Saskatchewan, Canada
- Aug. 1-5 Bancroft Rockhound Gemboree, Box 691, Bancroft, Ontario, Canada
- Aug. 4-6 LINCOLN GEM & MINERAL CLUB hosting the STATE SWAP, Park north of Nat'l. Guard Armory, 1776 N. 10th St., Lincoln, Nebr. Free camping. no hook-ups Field trip Sat. Aug. 5 for fossils, 1:00 PM. Entertainment & watermelon feed Sat. night. Pot luck Sunday noon, auction follows. Admission-one good specimen for the auction (per family).
- Aug. 5-6 Mineral Study Club of Muscatine, Iowa SWAP, Academy Park, Grandview, IA
- Aug. 6 Chariton River Pebble Pickers Hobby SWAP & picnic, Benton Twp. Community Hall, Bluegrass Rd. between Russell & Chariton, Iowa
- Aug. 11-13 Lawrence Co. Rock Club SWAP 4-H Fairgrounds, Bedford, Ind.
- Aug. 15-16 Fort Butler Rock Club Show, VFW Bldg., Hebron, Nebraska
- Aug. 20 LGMC Field trip...rescheduled from Aug. 19...see 1972 LGMC Who's Who or calendar page of this issue for info.
- Aug. 19-20 NW Nebr. Rock Club Show, City Park Pavillion, Crawford, Nebraska
- Aug. 19-20 Mid-Iowa Rock Club SWAP, Marshalltown, Iowa on Hwy 14 at Riverside Park
- Aug. 20 NE Iowa Rock Club SWAP, North Woods Park, Sumner, Iowa
- Aug. 27-Sept 4. LGMC Field Trip...see info on calendar page of this issue of P & S
- Sept. 2-4 Nebraska Min. & Gem Club Show, Guard Armory, Omaha, Nebr.
- Sept. 15-17 Plains Rock & Min. Club Show, 4-H Bldg., Fairgrounds, Kimball, Nebraska
- Sept. 16 LGMC Field Trip - see '72 Who' Who or phone Tom Simmons
- Sept. 16-17 Golden Belt Gem & Min. Soc. Show, Knights of Columbus Hall, Great Bend, KS
- Sept. 23-24 Arbor Valley Gem & Min. Club Show, Memorial Bldg., Nebraska City, Nebr.
- Sept. 30-Oct. 1 Cedar Valley Rock & Min. Soc. Swap, Isaac Walton League Club House, Cedar Rapids, Iowa
- Sept. 29-Oct. 1 Platte Valley Rock & Min. Soc. Show, Guard Armory, N. Platte, Nebraska
- Oct. 7-8 Sac & Fox Lap Club Show, Coliseum, Ottumwa, Iowa
- Oct. 7-8 Topeka Gem & Min. Soc. Show, Fairgrounds Exposition Center, Topeka, KS
- Oct. 21-22 Hawkeye Gem & Min. Club Show, Page County Youth Barn, Calrinda, IA
- Oct. 28-29 Hutchinson Gem & Min. Soc. Show, Convention Hall, Hutchinson, Kansas
- Oct. 28-Nov. 12 DIG MEXICO...tour, write Haley Corp., 500 Sansome St., San Francisco, CA
- Nov. 18-25 LGMC tentative field trip to Arkansas - details still pending...see LGMC 1972 WHO'S WHO or call Tom Simmons for info.

Happy Hunting - Have a Good Summer!!

FROM YOUR PRESIDENT

I wish every member of the organization a wonderful summer and many happy hours spent sniffing out those rocks and then sharing them with us when we meet in September.



The Lincoln Gem & Mineral Club came home with the traveling trophy for placing First in the Club Case Competition at the Sioux City Rock Show on June 3-4. Roger Pabian assembled, labeled, and transported the case to the show. Those who contributed specimens in the winning case were Norman Balliet, Duane Butler, Lois Everett, Frank Krejci, Alma Lybyer, Norma Miller, Joella Olson, Roger Pabian, Herman Spomer, George McGinnis and Lynn Wells.



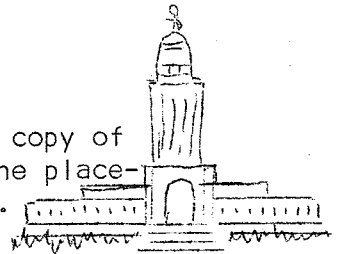
A most enjoyable picnic was held at the Dick Hornung Lake on our last meeting. The evening was perfect, the band pleased and surprised everyone, and the crowning event was the presence of Dr. Neihardt. Many said they would like to repeat this outing next year and so THANK YOU Dick & Dorothy for a perfect setting for the end of a perfect day.

-Marie Wells, President

Following is a letter received by your President regarding placement of Nebraska's Moon Rock:

Ms. Marie C. Wells, President, Lincoln Gem & Mineral Club

Thank you for your letter dated May 4 in which you mailed us a copy of the resolution from the Lincoln Gem & Mineral Club regarding the placement of the Moon Rock which is in the custody of Governor Exon.



The Governor's decision is to have the Moon Rock displayed at the Mansion, together with other items of historic nature, such as the silver pieces from the Battleship Nebraska, for viewing by the many individuals who tour the Mansion each year.

He does appreciate your feelings on the above matter, but it is the opinion of the Governor that this is a very appropriate place for the display.

s/ Norman A. Otto, Administrative Assistant

PETRIFIED PEBBLE PUPS

The cases to be displayed at the Lincoln Gem & Mineral Club Rock Show were discussed at a recent meeting by members of the Petrified Pebble Pups of Lancaster County 4-H Rock Club. The meeting was held at the Olson's house.



Three cases were displayed at the show, one explaining hardness, one showing the three classifications of rocks, and the last, uses of rocks.



A demonstration was given on what to take on a field trip by Carolyn Allen. For roll call, the members answered what they wanted to see at the rock show. Refreshments were served.

-Lars Olson, substitute club reporter

LAST MONTH...The May Meeting of LGMC was held a week early (due to the planned field on our regular meeting night) in the out-of-doors at Hornung's lake. It was a lovely evening, a slight breeze blowing, and the smell of broiling hamburgers or steaks was mouth-watering. A brief report of the LGMC Show was given, and various business items disposed of. Entertainment for the evening was furnished by a Polka Band organized by the Bob Olivers. Nelda, Bob and Jim regularly host the rehearsal of the group at their home on Friday evenings...and what a work-out we get - from 3 to 5 hours!. Bob plays the oompah, Jimmy the baritone, Nelda buys the music and generally keeps everyone on their toes during the evening...except for a short break the evening is a blast...and if practice makes perfect this too shall happen. Members of the group from LGMC are Bob and Jim Oliver, Joella Olson (and sometimes her daughter Joyce) and Norma Miller. Others in the group are Ed Pearlstein, Marilyn Churchill, Cheryl Frederich, John Dugan, JoAnne & Wald DeRijk, Greg King, Ron Bohling, and Tony Fejfar. As nighttime approached people began leaving by twos and threes and finally everyone, reluctantly it seemed, bid farewell to those remaining at lakeside. A beautiful moon rose and it was decided a repeat performance was in order so we're hoping the weather and the LGMC Swap (Aug. 4-5) will be conducive to another good time.

EDITORIALLY SPEAKING...in light of the letter on the preceding page, received by LGMC President, it would be appropriate, yes even mandatory, that we as members of LGMC and the Nebraska State Association should let our voices be heard in support of the resolution presented by our club and supported whole heartedly by the attendance at the State Association meeting in April at Hastings, to wit:

RESOLUTION: The Lincoln Gem & Mineral Club, at its meeting in April, 1972, passed a resolution that the moon rock, which is now in custody of the Honorable J. J. Exon, the Governor of the State of Nebraska, be made available for exhibit at the State Museum, University of Nebraska, at 14th & U Streets, Lincoln. The moon rock is the only one assigned to the State of Nebraska by NASA and the Smithsonian Institution, so it is important to have it displayed for the school groups and citizens of the State throughout the year. It should be pointed out that approximately 237,000 visitors, including nearly 45,000 boys and girls from various schools were at the Museum to view the science exhibits and planetarium during 1971. The Museum would provide the security necessary for the exhibit of the moon rock.

Rally 'round now, loyal members of LGMC, and get cracking...write the Public Mind of your local newspaper...write your legislator...write your governor...stating your desires as a taxpayer regarding the placement of the moon rock. As it now stands the moon rock (?) is on display in the basement of the Governor's mansion. The mansion is open to the public from April 1 to Nov. 1, excluding holidays and/or if any function is scheduled, and then only on Thursdays from 10:30 to 11:30 in the mornings, and from 1:30 to 3:30 in the afternoons!!! Is this ample time for the public to view the Moon Rock? Is this ample time for teachers to schedule visits of their classes to view the Moon Rock? Is this availability? Is this limited viewing what our tax money should produce? Would it not better serve the viewing public to be placed in the State Museum? Would not viewing time there better accomodate more persons? Would not security certainly be as good as that afforded at the mansion basement? Other groups have gone on record supporting this resolution. Think about it LGMC and write...write...write - fight...fight...fight... DO IT NOW!!!

71 71.

GLENNA'S GLEANINGS

Verg and Marie Carveth are host & hostess to three nieces and nephews for a month in the Mediterranean area. Chris Engelhart and Vickie Ayres were married on June 10th. Much happiness to them!

The Howard Taylors are the proud possessors of a new Chevy Suburban. Now they can attend those swaps.

Those who enjoy educational TV should know that this is Dedication Week for the Nebraska network.

Friends who observed Dr. Neihardt on NETV last week were pleased to see him looking so well after his illness. He recited for several minutes, parts of his famous poetry.

Roger Pabian deserves a pat on the back from L.G.M.C. He "brought the ham and bacon" from the Sioux City Rock Show in the form of the Traveling Trophy that was displayed at our own show last month.

Harry Gragg sent word that he appreciated the birthday cards sent to him by club members. He reported he was able to go in his wheel chair to the Hot Springs Rock Show and enjoyed it very much. Best of luck, fellow rockologist!

L.G.M.C. was represented at the Central Nebraska Rock Swap by the Don Lawsons and Bill, Bob Andersons and George McGinnis and yours truly; Our fellow club members Hal and Darline Janzen went "all out" to make it a most enjoyable event. The park where it was held was the envy of those who are constantly looking for such a spot for our own swap.

Rev. Raymond Pfeiffer is reported by his wife to still be undergoing tests for diagnosis of his illness but so far no consensus has been reached. The Julius Youngs celebrated their 49th wedding anniversary earlier this month. Many happy returns to them!

- Til next time - Glenna McGinnis

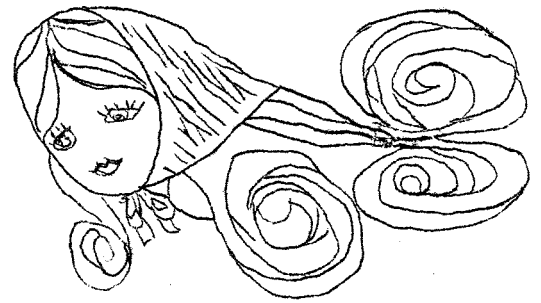
Dee Rankin sends this letter from Harry Gragg to share with you. It would be nice if those who know him would keep in touch and keep him practicing his handwriting.

"Dear Dee:

I am still practicing writing 3 days a week. We have bingo and movies and Chapel Service on Sunday. I am in a room with 2 other men, they are o.k. The room is on the west end of the building with a very nice view of the trees and grass and the hospital street. I have a stone-tumbler running in the O.T.shop. I bought it myself. I went to the rock show here in Hot Springs. The nurse took me and my wheel chair, and did we have a good time! Please thank club members for the birthday cards. I have not been feeling very good these past two weeks. I just got your card yesterday. Thank you very much.

s/Harry"

Glen Ulrich & Debbie Trout were married in a 5 o'clock ceremony on June 3 at Grace United Methodist Church. We Wish the young couple a happy married life together and God go with them in their new adventure. Their new address is 4520 Calvert, Apt 7.



REPORT ON MEMORIAL DAY week-end trip to Keokuk, Iowa -from Marie & Lynn Wells

An enjoyable and profitable trip was made to Keokuk, Iowa by the following folks on Memorial Day week-end: Norman & Sandy Balliet, Larry Bigley, the Don Eckel family, Marge & Garry Heedick, Bill & Laverna Hendrickson, Dick & Dorothy Hornung and grandson, Hal & Darline Janzen, Tim & Gladys Jeurink, Bob, Nelda & Jim Oliver, Joella & Bud Olson, Bill & Dorothy Schneider, Roger & Margaret Simmons and son, Tom Simmons, and Lynn & Marie Wells. We were also glad to have with us our Nebraska State Association President Leonard Hill, wife Pat and their son, and Mr. & Mrs. Barnhill from Barnston. On Sunday we were joined by Darline's brother, Bill Sprick and family from Peoria, Ill.

Various routes were traveled to reach the hunting area and all the rockhounds converged on the St. Francisville Geode Mine on Saturday morning for a hard days work that resulted in a collection of quality geodes, best described by Leonard Hill as being "alive".

The geodes collected by our group yielded specimens with calcite on brown iridescent calcite, pink dolomite, sphalerite, marcasite, fibroform pyrite - they just must be seen to realize the beautiful formations!!

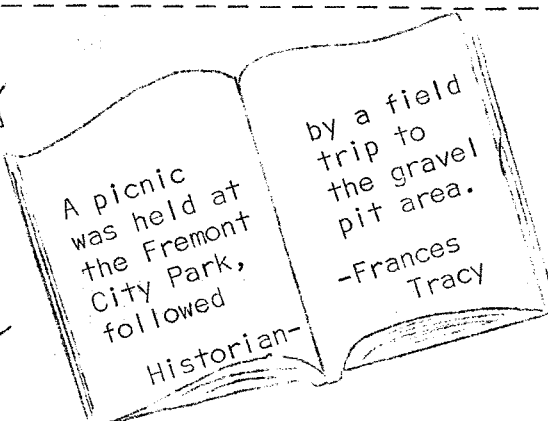
Sunday we crossed the Mississippi River into Illinois, met the Spricks, and made a stop at the Hamilton Chamber of Commerce tent for coffee and rolls. Then on to a creek bed in which the geodes were as numerous as apples on the ground of a well-loaded tree. Our caravan usually traveled in rain but when our hunting grounds were reached the rains ceased and the sun shone on us. In fact the caravan reminded me of the National Guard on the move.

For our noon meal we patronized the Revere Fire Department Smorgasbord of home-cooked food. They were overwhelmed to think we would drive all that distance to boost their fund-raising project!

Tom Simmons had been telling us all day Saturday about a Geode Paradise near New London that was so full of geodes we wouldn't know which one to pick up and which one to leave. After going over the same creek four times and three stops for directions he finally said "this is the place". (60 miles - 3½ hrs. says Lynn). The only problem was it had rained so much that we had to walk to the bed which was a good long distance and most of the geodes had to be left behind - because after all strong backs can only carry so much!

Before we all left and went our separate ways Mr. Hill said it best when he said, "At St. Francisville we had to sweat and work hard but I enjoyed it most because the geodes dug there were alive." Thus ended another fun field trip.

History
Notes
Ten
years
Ago -



Vaya Con Dios -
May God Be With You -

Wedding Congratulations
were sent this month to

The Glen Ulrichs

The Chris Engelharts

Nebraska State Association

ROCK SWAP

Sponsored by Lincoln Gem & Mineral Club

National Guard Armory

1776 No. 10th Street

Lincoln, Nebraska

(North side of Armory in wooded area)

AUG. 4th-5th & 6th, 1972

Free Camping - Plenty of shade

No Hook-ups, Water Available

Sat. afternoon Fieldtrip - Fossils, Horn coral

Sat. evening entertainment - Polka Band

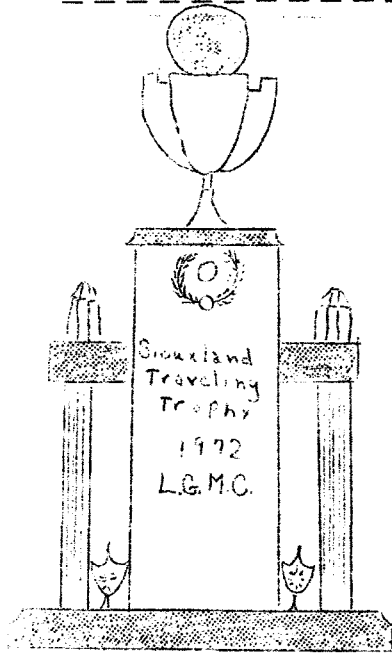
&

Watermelon Feed

Sun. noon - Potluck Dinner - Auction follows

Admission: Material for the auction

Swap Chairman: Howard Taylor, Lincoln



WE WON THE BIG PRIZE! --- The club case displayed by Lincoln Gem & Mineral Club won the large traveling trophy (seen at our show) which is sponsored by Sioux Land Gem & Mineral Club, Sioux City, Iowa. We have possession of it for one year. Then we can try again to win it for another year.

Specimens were furnished by Norman Balliet (fossils), Roger Pabian (lapidary and fossils), Herm Spomer (metalcraft), Alma Lybyer (metalcraft), Lois Everett (jewelry), Joella Olson (minerals), Norma Miller (minerals), Frank Krejci (lapidary), George McGinnis (agate), Duane Butler (jewelry), Lynn Wells (fossils), and Sally Heald (fossils).

Thanks to all who helped in this effort. Look for action photos (in color) and a more detailed write-up in the club history.

- Roger Pabian

SPECIAL NOTE...Phyllis Parks, program chairman, has just received word that Mr. Verne Montgomery, MWF Director of Information, will present a new slide production for us at our regular meeting in September (the 23rd to be exact). This should be a very special program...plan now to attend our first meeting in the fall.

THERE WILL BE NO PICK & SHOVEL in July and August...vacation time is here for all of us. Phyllis and I want to thank Marie Wells, Tam Dutcher, Luella Paul, Pat & Don, & Bill Lawson, Jim & Linda Parks, and Kathy Grabher for their willing hands in assembling-help with bulletin the past couple of months. Your impromptu help is greatly appreciated. Fun, too. We'll resume full steam in the fall. Deadline for the September bulletin is Sept. 7th...any write-ups from meetings or trips you wish included...get them to ye auld editor and we'll do our best to produce. Pleasant journies. (Ed.)

A SPECIAL REQUEST...save and bring those Betty Crocker Coupons to the September meeting...we want to make a good contribution to the Scholarship Fund.

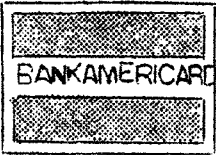
HOW ABOUT THIS FOR A CLUB PROJECT...The Prairie Rockhounds of Ogallala were commissioned to make a cross for a small chapel being built in the remodelled portion of the Ogallala Hospital. The cross was cut from alabaster and stands 18" high and 24" long with a hole drilled in each end for a candle. (Nice project, eh? Ed.)
via Little Gem

LATE NEWS...John Lewis underwent surgery at Providence Hospital on July 15...reports have it that he has come through OK and everything should be going along nicely...he may be home on Saturday. Hang right in there, John...and get well fast!

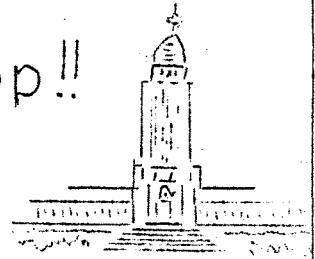
IN MAY Marie Wells spoke to the Girl Scouts of Unit 8 at their Day Camp held at Pioneer Park. Last week she and Lynn led the 4-H Pebble Pups on a fossil hunting expedition to Weeping Water. They had a sack lunch at noon, then proceeded to the Sass Museum, and then on to a sandpit at South Bend. It was hot but they enjoyed the trip and it was productive. Those kids always have so much energy and enthusiasm. Lynn and Marie, too?

Everett Lapidary Shop

capitol city's first rock shop!!



2941 NORTH 65th STREET - PHONE 466-6204



COME OUT AND SEE THE
HOT BARGAINS AT OUR SHOP

"SATISFIED CUSTOMERS ARE OUR BEST ADVERTISEMENT"

NEW METHOD OF TUMBLING...this has been a popular reprint in several bulletins...

The writer believes that the following can take much of the work from the popular method of polishing rocks and or gemstones by tumbling. All of the instructions we have seen state "Wash stones and tumbler very clean between each change of grit or final polish materials." At the same time stating "if liquid is too thin add some slurrp or grit from previously used material." We know some will argue against our method but here goes.

DON'T WASH AT ALL AFTER EACH WEEK OF TUMBLING WITH GRIT. Start with #80 grit, tumbling a week. Then DON'T EMPTY THE TUMBLER BUT ADD 5 TEASPOONS OF NEW GRIT TO THE MIXTURE in the three pound tumbler. Follow this procedure through #190, 320, and 600 grit. Now, thoroughly wash the stones and tumbler before prepolish and final powders.

For a really glossy finish take one more week (after washing out the powder polish) adding three spoons of sugar, one level spoon of Cascade or All or any non-sudsing detergent, and about ten drops of Muriatic Acid if you have some. Let stand one minute open, close tub and tumble for a week.

We have run eleven tubs using this method and found that even ordinary sandstone comes out highly glossed. Except for extra final steps you save three washings and getting rid of the slurrp each time. Saves time, work and mess; still gets a better polish on rocks and gemstones. We hope the above will be helpful to you.

-Al Nutile, Tulip City Conglomerate via The Jaspilite via The Rock Box.

LEFTOVER LAND: America's legacy of "left over land" areas in the public domain, which nobody has yet wanted for commercial purposes, can provide fabulous vacations, according to the United States Dept. of Interior. Write for "Room to Roam", Supt. of Documents, U.S. Government Printing Office, Washington DC 20402. Price- .75¢

NEWS ITEM...Talented member, Edith Holdorf, received the Purchase Award from the Lincoln Artists Guild for her painting "Trees". The picture was presented to the permanent collection of Bennet Martin Library! Quite an honor...Congratulations Edith!

To Keep You Posted on THE WASHINGTON SCENE,
Here is a report by Kenneth V. Zahn, appearing in the April '72 AFMS
Newsletter.

We are concerned with the outcome of several on Land Use Policy and Reform of the Mining Laws and Mineral Leasing. S.2726 and H. R. 11526 and S. 2727 and H.R. 11527 are now being marked up for debate. The Mining Association has been working overtime and lobbyists have been very active during the "mark-up" of the hearings on these important bills. I have spent several days with staff members of the Interior and Insular Affairs Committee of both Houses and have presented statements of the WRA and AFMS. Both organizations are fighting to assure multiple recreational use of public lands and to assure hobby collecting of minerals and artifacts for educational purposes. At the moment Interior officials and legislators are not sure whether separate legislation will be required for hobby and non-commercial collecting. Much depends on the revision of the Mining Laws of 1872 and the Mineral Leasing Act now in preparation. I prefer that hobby collecting can be controlled by regulations and administrative orders within legislation. We have a good rapport with the Department but if Congress and the Administration must prepare legislation it will take a long time and we may not be able to participate in the "legislative decision making process" to the same extent that we can work with the Executive Branch of the Government. Also, the Department of Interior has been far more understanding of our problems and is not influenced by lobbyists who contribute to the campaign funds of the legislators.

We object strenuously to the individual who posts claims on collecting areas and uses the "present" mining laws as a subterfuge to exclude all collectors and charge fees for "mining. This practice of scientific and educational endeavor, or assure multiple recreational use of public lands. I think we have just about reached the point where we will have to do extensive letter writing to let legislators know that we are very much interested in the revision of the mining laws and mineral leasing. I feel that we will have an opportunity for public participation before the bills are enacted into law. A number of organizations here, including our own, are asking for a minimum of 60 days to study any legislation or regulations. In the past, 30 days has not proven adequate for participation.

Bills for Land Use Policy are being marked up for action early in March. As previously reported there are two bills by the Department of Interior and S. 632 sponsored by Senator Jackson (Washington). The Interior Department feels that "since planning resources are not infinite, some effort must be made to set priorities". S. 632 places much more emphasis on statewide planning but does not provide for priorities. The national interest would not be served if States and Urban planning groups would take care of the local needs-- and local politics. The administration exercising control through federal funding, would identify critical planning needs in relation to the environment, and would restrict state interference in local affairs to those issues of more local concern. S.362 places primary emphasis on developing more plans. What is needed is carrying out good plans already existing by use of regulatory powers. The administration feels that its bills are more flexible because they ask the states to work with their local governments, through regulations and state criteria with "judicial review" and enforcement.

Con't. next page

THE WASHINGTON SCENE CON'T.

I think a compromise will be worked out somewhere between the Administration bills and S. 632.

The voices of conservationists and recreationists are gradually being heard and the pendulum is swinging. Harrison Loesch, Interior Asst. Secretary for Public Lands Management has set up a Committee composed of representatives from BLM, Geological Survey The Fish and Wildlife Service and the Solicitors Office to assess environmental and recreational effects of the Outer Continental Shelf leasing. Lease offerings are being accelerated but the Committee will:

- a. Study environmental requirements and make recommendations to protect it.
- b. Enter into necessary studies to determine what detrimental effects oil and gas and mineral operations may have on marine resources and recreation and how effects can be reduced or avoided.
- c. Consider what effects development of renewable and non-renewable resources of the Shelf will have on economy and environment.

The State of Maryland has awarded a contract of almost \$800,000 to study the amount, extent and complexity of seepage of sulphuric acid and other contaminants entering streams from abandoned mines. Pennsylvania and Colorado are planning similar studies.

The Sierra Club and a group of George Washington Law students have testified before the Washington Public Service Commission attacking the policies, rate studies, and environmental impact of the Potomac Electric Company. This is the first time that any group, not directly concerned in litigation, has been permitted to intervene directly in an electric rate case. In the past the pendulum has swung sharply in favor of the pollutionists, industrial and otherwise, but I would like to point out that as the pendulum starts to swing in the direction of the conservationists we should think carefully about the other extremes. Radical conservationists can harm our future in a different way. If we are to enjoy some living recreation and a little mineral collecting there must be a balance between pollution control and complete waste of resources. We better take a fresh look at the relationship between economics and controls. Some groups are advocating rigid control of off road vehicles because they cause soil erosion problems. Another would restrict all surface digging unless there is a valid mining claim. Still others are exerting pressures to stop all oil drilling on the outer continental shelf. Somewhere we have to strike a balance.

The Interstate Commerce Commission has been working with the States on weight loads of recreational vehicles. Your fully loaded vehicle should be checked at a weighing station or truck scales. Look at the dash board plate or owners manual for data on front axle, rear axle, and gross vehicle capacity. Usually, total vehicle weight is less than the total of two axles systems, Therefore figuring by the added axle capacity is not a sure indication to the total bulk that can be carried. Most persons do not read the Federal Register and regulations they are given such limited distribution that you can get caught off guard.

Con't. next page

THE WASHINGTON SCENE CON'T.

The Environmental Protection Agency and recreationists are in for a hard time if Representative Jamie L. Whitten, the conservative and powerful second ranking Democrat on the House Appropriations Committee carries out his threat to cut off additional funds for antipollution and enforcement. Rep. Whitten has no plans to change the Environmental Policy Act of 1969 but he is critical of judges who have granted injunctions which he claims "is costing delays of from 3 to 5 years on scores of public works projects, ranging from flood control and navigation to soil conservation." Rep. Whitten yields great power.

Senator Lee Metcalf (Mont.) and Rep. John Dingell (Mich.), two conservation minded legislators have been probing the Departments of Interior and Agriculture concerning orders of the administration for budget cuts to fill positions of personnel engaged in recreation and environment.

Interior has started a series of background briefings with the press. Assistant Secretary for Mineral Resources will conduct the first briefing January 19th. The public is not invited to this public relations gimmick to plant ideas with the media without being quoted by name.

Nolan F. Keil has been appointed Assistant Director for Resources for BLM. He has had excellent experiences with Agriculture Forrest and Soil Conservation Services and with the Grazing Service.

Fight to preserve the wide open spaces of public lands. In the East the camper problem has reached staggering proportions. States have had to restrict camping and issue all sorts of regulations to keep up with the demands. 12 States now forbid overnight roadside parking and 11 more have some restrictions. The small state of New Hampshire had 4 million visitors this year and were forced to prohibit "doubling up" or having outside visitors in any state campground. It could happen out West. We must preserve land for multiple recreational use.

We hope to provide information regarding the Washington events in future Newsletters. If you hear of any news which you think should be included please write to me.

AFMS SILVER ANNIVERSARY RESUME...A revolving birthday cake was atop the display commemorating the 25th Anniversary at the reception. Each of the six sides of the base represented a Federation. The Midwest Federation through its president, Mr. Barney Parr supplied the flint specimens for their particular section.

The tiered cake held the cabachons given by the members of clubs from across our country. Greetings were extended by Mr. Russell MacFall, National Coordinator. Mrs. June Culp Zeitner added that the Midwest Federation had sent in the most cabs as a Federation. And that Idaho, as a state, had sent in the most - one club gave a cab for each of its members. The total was 3000 cabs - a gift to our nation from the American Federation. The gorgeous cake was cut by Paul Desautels, Curator, Division of Mineralogy, Smithsonian Institution; Dr. S. Dillon Ripley, Sec., Smithsonian Institution, and Mrs. Zeitner, Chairman of Birthday Cabachons. (These excerpts via the Beachcomber and Gem City Rock News)

(At least 21 LGMC members contributed cabs to this celebration...feel proud of yourselves now, and know that your cabs are now a part of the Smithsonian collection. Howard, who was chairman of this department, and your club officers thank your for your participation.)

DO YOU WANT YOUR NAME IN A ROCKHOUND'S DIRECTORY COVERING THE U.S.??? P. R. Page, Box 1233, Gainesville, Florida 32601 writes: "We are in the process of preparing the 1973 edition of the Rockhound's Directory. You may list your name, address and collecting interests at no cost to you. Please limit total listing, including address, to 25 words, and info as to whether you wish to buy, sell or trade. Listing of prices will not be permitted. The purpose of the directory is to provide a means for Rockhounds to contact people with similar collecting interests and to furnish information concerning local collecting sites. Dealers may list as individual collectors but business names will not be listed. Deadline is Nov. 15, 1972. The Directory should be available in early January, 1973. Those listed will be notified when the Directory is available but will be under no obligation to purchase a copy. The 1972 edition sold for \$1. The price of the '73 edition will be determined by printing costs at the time it goes to press." (It's up to you...we're just keeping you informed. You can do this individually...this is not a club project. Ed.)

SOVIET SCIENTIST CLAIMS ANCIENT "LIFE" revived...the Magazine, Soviet Union, reports that Microscopic organisms that lay dormant for 250 million years have been returned to active life and are now reproducing normally! Geochemist, N. Chudinov, discovered the organisms accidentally while trying to determine the origin of the red coloring of some potassium ore. He dissolved a specimen of potassium rock in distilled water and noticed "that strange flakes, like bits of moss, were beginning to float away from the rock." Under microscopic examination, each flake turned out to be a "world of micro-organisms." When Chudinov again examined the flakes a few days later under the microscope, "The primeval microworld had come to life and the tiny drop of solution was swarming with reanimated organisms from the Paleozoic era." The organisms grew in a test tube and reproduced normally. (Test tube life a thing of the future?)

ARCHAEOLOGISTS PONDER NASHVILLE FIND...the First American National Bank of Nashville, Tenn. was in the process of excavating a site for a proposed 28-story building when construction crews uncovered a muddy cave while digging foundations for the new building. When bones started turning up in the cave they were turned over to archaeologists for identification. The bones as well as one fang have been identified as those of a saber-tooth tiger. The saber-tooth tiger is believed to have disappeared from North America somewhere around 10,000 years ago. Archaeologists will now try to determine if the tiger killed human victims and disposed of them in the cave or if man himself could have taken the tiger carcass and other animals into the cave. There is surprisingly little known about the early American Indian although they are thought to have originally migrated from Asia. It could prove or help to prove a dating period when the American Indian first appeared on this continent. The bank plans are being altered so the site can be preserved for further study. via The Assn. via Rock Dobber & Rock Box

THE FIRST PLANT ON EARTH...Club moss (Lycopodium) grew in the form of a tree, up to 100 feet high. This was about 600,000,000 years ago. Today this same plant is no more than MOSS.

LONGER LIFE FOR GRINDING WHEELS...a prime reason for chipping/wearing too soon is the fault of the user. Letting water run on wheels after stopping the motor causes them to absorb water unevenly and causes soft spots. When wheels are used again the soft spots wear unevenly or chip. Avoid this problem - never stop the motor running the grinder before first shutting off the the water feed to the wheels. After shutting off the water, let the motor run five full minutes. The centrifugal force will throw off water left on the wheel and dry its surface. A wheel will not absorb water while it is running as it throws off water as fast as it is fed to it. via Jaspilite

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

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

MEMBERS OF: Midwest Federation of Mineralogical and Geological Societies (MWF)
American Federation of Mineralogical Societies (AFMS)
Nebraska State Association of Earth Science Clubs, Inc. (NAOESCI)
Community Arts Council of Lincoln (CAC)

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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.

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

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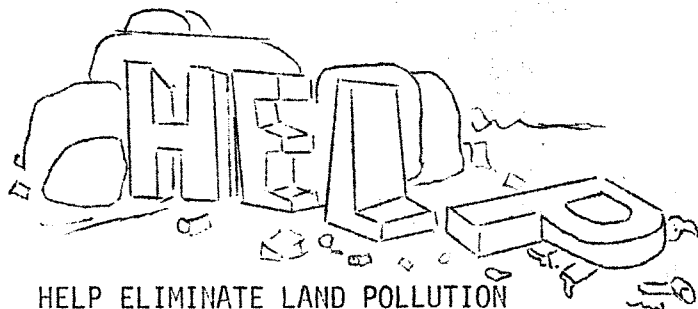


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"THE PLACE TO GO IN '74"
Nat'l Gem & Mineral Show
June 13-16 Lincoln, Nebr.

LINCOLN GEM & MINERAL CLUB ANNUAL SHOW, May 12-14, 1972, Fairgrounds, Lincoln, Nebr.
NEBRASKA STATE SHOW - April 13-16, 1972, Hastings, Nebraska
MWF FIELD TRIP CONVENTION - July 20-24, 1972, Ishpeming, Michigan
THE KEY TO PROGRESS-'COOPERATION' - Barney Parr, MWF President 1972



HELP ELIMINATE LAND POLLUTION

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combined

MWF - AFMS NATIONAL SHOW & CONVENTION

and

NEBRASKA STATE SHOW

JUNE 13-16, 1974, LINCOLN, NEBRASKA

Marysville, KS

Sunday, Aug. 20...field trip for pink gypsum nodules and satin spar gypsum (@ \$3 per bushel). Meet at 11:00 AM at the Kansas Weigh Station 3/4 mile north of Hiway 36 on Hiway 77. This is a one-day trip. Bring your rock hammer and a long chisel or pry bar, and some of the best muscles you've got. Also boxes or basket to haul out your material. Don't forget your drinking water and bug repellent. For those who don't like cleaning shoes, galoshes or overshoes would be in order as this material is found in a creek bed.

 Contact Tom Simmons or Marie Wells if you can make this one:
 The Wyoming Field trip is scheduled to just precede the Labor Day week-end trip... so whether or not you can make the complete trip, or join the group at Crawford, following is the information as outlined by field trip chairman, Tom Simmons:

Meet at 7:00 AM, Sunday, Aug. 27, at Jack & Jill Grocery Store, West 27 and Ave. Eye, Scottsbluff, Nebraska. (This is the scheduled departure time so plan to be there ahead of 7 AM). Daniel Mount of Harrisburg will be our guide. We should hit Guernsey, Wyoming at about 8:30 AM on August 27 so if you want to catch the group there this is possible. From Guernsey we will travel north to Hartville, Wyoming, then east to Sunrise for iron ore. At one point we will stop at the Sudsberry Ranch for flint, agate and artifacts. At 12:00 noon, Aug. 27 we will be at the Spanish diggings (dinner time). At 1:30 we proceed to Flat Top Mountain for more artifacts. At 3:00 PM we will leave the Flat Top area for Crystal Cave for collection of quartz crystals. Then back to Guernsey, Wyoming to spend the night.

In the evening a meeting will be held to decide which of the areas we may want to repeat on Monday, August 28, so you could catch the trip at Guernsey, Wyoming the evening of Aug. 27. No plans have been made as to where we will be the night of Aug. 28. This will be decided that day. On Aug. 29 the trip will be in the Lance Creek, Wyoming area. Plans for the 30th will be made at the site. Plans for the 31st will be made at the site as well ... in other words...after the first two days we will make plans as we go along until Thursday night, August 31, when we plan to be in Custer, South Dakota. If we are not camped at Ken's Rock Shop in Custer you should be able to get information from his shop as to our whereabouts. (Actually, I just found out, it's Ken's Minerals, Rt. 3, Custer, SD., on the east edge of Custer. His name is Ken Spring) We will leave Custer, S. Dakota at 8:00 AM Friday, Sept. 1st, to collect Teepee Canyon agate at Hell's Canyon (west of Custer).

Plans are that we will be in Crawford-Fort Robinson area on Friday night, Sept. 1 Saturday, Sept. 2, 8:00 AM we will leave from Eli Wasserburger's Standard Station in Crawford for collecting Fairburn, wood, agate, jasper, etc. in the area north of Crawford. Sunday, Sept. 3rd, 8:00 AM leave Eli's Station again for more hunting around Crawford. Sept. 4 can be used to hunt fossils if there is enough interest...Tom is ready, willing, and able for those who can stay the day.

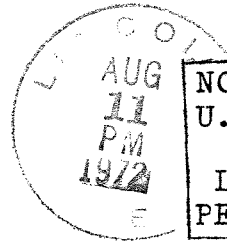
This is the schedule that we hope to follow, the Lord willing and the creeks don't rise...and we hope many of you can make it for this annual President's Field Trip to renew the memories we hold of Fort Rob.

 Thurs. Sept. 7, 8:00 PM...Board meeting at home of President, Marie Wells, 2940 Vine.

Sat. Sept. 16, 10:00 AM...Field trip to Peru, Nebraska for fossils...meet at College Park in Peru, Nebraska, football game or not. This is a one-day trip.

Sat. Sept. 23rd..7:30 PM...Regular LGMC Meeting, WOW Bldg., 734 S. 27th. Phyllis has a good program on the agenda so don't miss. Let's get the season off to a flying start. ALSO...BRING YOUR BETTY CROCKER COUPONS FOR THE MWF SCHOLARSHIP PROGRAM...Helena is counting on you to produce...OK? OK!!

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