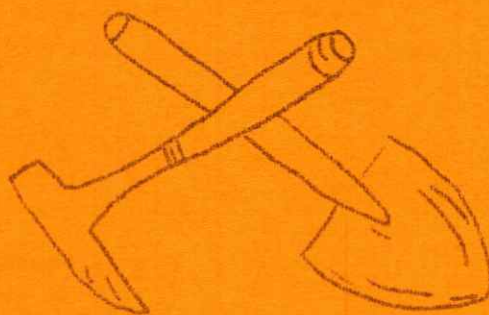


THE PICK & SHOVEL



LINCOLN GEM AND MINERAL CLUB, INC.

Lincoln, Nebraska



LINCOLN GEM AND MINERAL CLUB, INC.



- President. John A. Lewis
6225 Judson St.
- First Vice-President Mrs. V. A. Carveth
2526 South 11th St.
- Second Vice-President. Robert Bainbridge
1032 Charleston
- Recording Secretary. Mrs. John A. Lewis
6225 Judson St.
- Treasurer. Mrs. Arthur Bloyd
2818 North Cotner Blvd.
- Corresponding Secretary. Mrs. Maurice Tracy
3601 South St.

* * *

MEETINGS - FOURTH SATURDAY - SEPTEMBER THROUGH MAY
Roberts Dairy Party Room - 211 So. 20th St.

* * *

Affiliated with:

- Midwest Federation of Mineralogical and Geological Societies
- American Federation of Mineralogical Societies

* * *

BULLETIN EDITOR - Mrs. Maurice Tracy
3601 South Street
Lincoln, Nebraska

Telephone IV 8-5341



THE PRESIDENT'S PAGE

Dear Fellow Rockhounds;

OH BOY, another capacity crowd at the February meeting. Do you get the feeling at the meetings that this is sure a friendly brunch, I sure do. Every person should take it on himself to show our new members and visitors that this is true. Just keep the enthusiasm and conversations to a low roar.

At the March meeting, as a courtesy to the speaker, that is, not making him sit through our business meeting, we will have the program first. Everyone should make an effort to arrive on time so that they will see and hear all our speaker has to offer.

In order to find ways to shorten the routine of the meetings we will not read the Roll-call at this meeting. Each member will have to make it a point to sign the slip of paper showing that you are present. Keep in mind then that some folks might not know who you are so after the meeting you will have to go around sticking out your hand to everyone and introducing yourself, and getting acquainted.

The club has a new officer. The new office is HISTORIAN. The new Historian (with her many, many other duties) is Frances Tracy. While the club is still quite young and a few of the original organizers are still around, we should accumulate the information about the struggles of the past. Then at the rock show there should be a special place to show our glorious history. Any person who has snapshots, clippings or MEMORIES suitable for our history please make this known to Frances. All Ex-Presidents should be prepared to write a few paragraphs about their administration and also produce a wallet size picture of themselves. (That means two pages and two pictures from Irl).

HAVE YOUR REMEMBERED TO:

1. Read the proposed changes to the By-Laws carefully and thoughtfully, so as to be ready to discuss and ballot on them at the coming meeting.
2. Volunteer your services to some scout organization for the month of May? If not get at it, we could get a lot of good rockhounds out of this group if our cause is presented well.
3. Donate any rocks for the State Hospital? If you are like I am you have not gotten them over to Tom or out to the Hospital. Why don't you bring them down to the meeting and let Tom take them from there. The harder the rock the better as that will wear out the blade faster and Tom might make another sale.

John A. Lewis



SATURDAY - MARCH 24, 1962

Robert's Dairy Party Room
211 South 20th Street

*Program - Promptly at 7:30 p.m.

Refreshment Committee

Mr. & Mrs. Irl Everett
Richard Hedges
Mrs. Marjorie Heedick

*Lloyd Tanner of the University of Nebraska will show slides and speak on Nebraska and Paleontology. The program will be at 7:30 and the business meeting will follow. Please do your best to be on time. It is difficult for a speaker to talk when people are coming in, removing their wraps and finding a chair so please be just a little earlier, so you won't miss any part of the program.



W E L C O M E

Charles L. Messenger
3730 Normal Blvd.



May everything but your jewelry

turn GREEN on

ST.
PATRICK'S
DAY



MAY 4-6, 1962

MAY 12-13, 1962

Central Nebraska Rock & Mineral Club
National Guard Armory
2015 West 3rd St.
Hastings, Nebraska

The Omaha Rock Hobby Show
The New Guard Armory
70th & Old Center
Omaha, Nebraska

JULY 27-31, 1962

NATIONAL GEM AND MINERAL EXPOSITION
Des Moines, Iowa



EVERETT LAPIDARY SHOP

2941 North 65th Street

Lincoln 5, Nebraska

Phone IN 6-6204

See Us For

FINDINGS

ROUGH SLABS

FLUORESCENTS

MACHINERY

Our 7th year as Capitol City's First Rock Shop

SATISFIED CUSTOMERS ARE OUR BEST ADVERTISEMENT

FOURTH ANNUAL HOBBY FAIR
WEDNESDAY - APRIL 25, 1962
SERVICE CLUB COMMUNITY CENTER
LINCOLN AIR FORCE BASE, NEBRASKA

Helena Baegl, Adeline Nolde and I represented our club at a luncheon meeting of the Lincoln Air Force Base Coordinating Council. This was held at the Cross Roads Motel on March 12.

The Lincoln Air Force Base Recreation Services are sponsoring their Fourth Annual Hobby Fair and are urging all hobbyists from the Lincoln Area to cooperate with them by attending and displaying their hobby. It's free. This has been a very successful affair and they do appreciate the help our club has given them in the past.

The hobby show will be divided into two areas: Junior Division (school age) and Senior Divisbn. An entry form must be submitted for each hobby put on display showing the table space required. They have to borrow or rent tables so need to have this information in their hands before April 23.

Hobbies must be taken to the Service Club ballroom between the hours of 1:00 and 6:00 p.m. on April 25. Mr. Robert Dula, Recreation Director, suggested that if you wanted to come out after 5:00 and remain with your display you may do so. There is a Snack Bar for your convenience. The hobby area will remain closed to all spectators until 7:00 p.m.; only the hobbyists will be allowed in the show area. The Hobby Fair Committee will not be responsible for any displayed hobby but there will be Air Police assigned to provide a greater protection over the hobbies.

There will be entry blanks at our March 24 meeting. If you can not attend this meeting but would like to help by displaying your hobby, please call me and I will see that you get an entry blank.

Frances Tracy

GROWTH FOR YOU IN "62"

I. What do these abbreviations mean?

- KL _____
- FL _____
- XLED _____
- PH _____
- XLINE _____

II. MATCHING (MOH'S SCALE OF HARDNESS)

name	hardness
example: X. Talc	<u>X</u> 1
A. TAAPFEITE	_____ 1
B. LABRADORITE	_____ 2
C. ULEXITE	_____ 3
D. RHODOCHROSITE	_____ 4
E. BORACITE	_____ 5
F. WULFENITE	_____ 6
G. BORON NITRIDE	_____ 7
H. SILICON CARBIDE	_____ 8
I. VIVIANITE	_____ 9
J. ODONTOLITE	_____ 10
K. GALENA	_____ 10
L. DOLOMITE	_____ 10

III

FALSE NAMES FOR GEMS - GIVE PROPER NAME

1. "BLACK DIAMOND" _____
2. "COLORADO JADE" _____
3. "HERKIMER DIAMOND" _____
4. "MEXICAN ONYX" _____
5. "CANADIAN LAPIS" _____

IV. INCREASE YOUR VOCABULARY

example: DOUBLET GEM CONSISTING OF TWO PARTS PUT TOGETHER

1. Thumbnail specimen _____
2. Riker Mount _____
3. Micromount _____
4. Hand Specimen _____
5. BRECCIA SPECIMEN _____

Roger Dimmons

BELT BUCKLES

MOUNTINGS

WHEEL DRESSERS



SLIM WAS SITTING AT HOME ONE SNOWY EVENING WONDERING WHAT TAAFFEITE WAS OR IS (?)

"ROCKS & MINERALS"
CRYSTALS

BROOCHES

GOLD PLATE

14K GOLD



SO HE WENT TO THE BASEMENT TO WORK OUT THE CHEMICAL FORMULA.

BOOKS
ABATE

MEXICAN LACE

TRIM SAWS

ROCKS



BUT, BEHOLD HE COULDN'T DISCOVER WHAT MADE IT TICK SO--

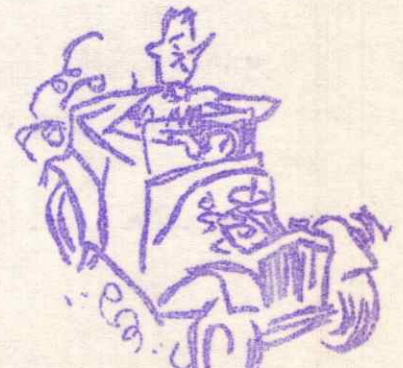
GRINDING WHEELS

RINGS

MAPS

STERLING SILVER

"LAPIDARY JOURNAL"



HE HOOPED INTO HIS MODEL T AND HEADED FOR TO FIND OUT.

APRONS

IF WE DON'T HAVE WE GET IT!

SIMMONS RENTAL & LAPIDARY SERVICE

2970 SOUTH ST. — LINCOLN, NEBR.

RTS


THE MINERAL LIGHT

by Dick Hodges

What minerals are found in limestone quarries? Have you ever wondered what those pretty crystals are that are found in the quarry? In Nebraska, usually those crystals are CALCITE. However, some are quartz, gypsum, barite, celestite and pyrite, as well as a few others.

How can we tell the calcite from the others? First, what is calcite? It is calcium carbonate. It is three in hardness, so will not cut glass. Calcite can be cut by a knife but not by the fingernail. It is almost every color of the spectrum but usually it is of pale tints, white and very frequently it is colorless.

I have seen calcite fluoresce white, blue, pink, red, yellow and orange. When heated, aragonite crumbles to powder and loses its fluorescence. Even when not previously fluorescent, calcite usually becomes so after heating.

It has many different crystals, shapes and sizes. I have seen dozens of complete crystals on a space the size of a pencil eraser and have seen a calcite crystal two feet tall. I have heard of seven foot calcite crystals. Calcite has perfect cleavage in this shape  called rhombohedral. Luster is glassy to pearly.

The best test for calcite is a drop of cold diluted hydrochloric acid. Marble, cave formations, Mexican onyx and travertine are all calcite varieties. It can fill up a vein in a mineral area after all the other minerals are already deposited. If you dissolve the calcite out with hydrochloric acid you often find good crystals within the other minerals.

MINERAL TIP OF THE MONTH: Test all specimens with hydrochloric acid, if they can first be scratched with a knife. On a field trip carry a little acid with you in a plastic bottle to test for calcite, either muriatic or hydrochloric. Remember that diluted hydrochloric acid cut ten parts water to one of acid will not eat you up but it will your clothes.



Something to Crow About

Choice Slabs

Cabochons

Rough Cutting Material

Used Motors

Lapidary Equipment and Supplies

C L Y D E B E N N A M

1711 Harwood

GA 3-4163

"GROWTH FOR YOU IN '62"

MIDWEST FEDERATION
L E T T E R - A - M O N T H
for March 1962

Subject: Your Club and Community Service
By: Dr. Benjamin Moulton

Clubs of purpose interests such as ours in the realm of our hobby are generally not considered in the same category of the many service clubs that coalesce to provide social and welfare benefits for those less privileged in most communities. This, however, does not imply that our clubs should not contribute some services to the community in which it exists and it would be advantageous if each club would see what contribution it makes to the overall community life. The contributions listed below might serve as a check list to see what your club does for those beyond your immediate membership.

1. Temporary loans to schools of collections of minerals, rocks, and maps, particularly of the local environ of the state.
2. Provide encouragement and help to boy and girl scouts and their leaders that wish to know more about our hobby. The club could contact local leaders and offer this service.
3. Donate to local library volumes related to our interests. Most community libraries are lacking in books related to our interest. Some of these books could be memorial volumes in honor of past members. Libraries usually provide book plates for such volumes, appropriately indicating donor and memorial.
4. Advise and aid participants in Science Fair projects.
5. Award prizes in related areas of our interests in the Science Fair.
6. Donate or provide specimens and items to local museums and school collections.
7. Support and enrich local hobby fairs, county fairs, art shows, and related projects with examples of our related interests and club activities.

Obviously we have not exhausted all possibilities but this is a good start on cataloging the functions and services a club may provide a community.

Dr. Benjamin Moulton
Director of Mineralogy for
Midwest Federation

Dept. of Science
Indiana State College
Terre Haute, Indiana