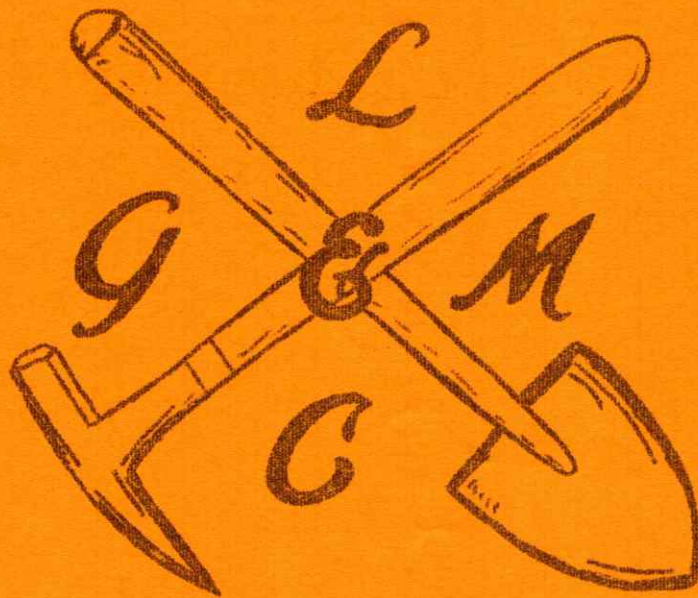


May 1962

THE PICK & SHOVEL



MONTHLY BULLETIN OF THE
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 Street

* * *

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

May



1962

THE PRESIDENT'S PAGE

GEE, what a swell FAMILY, this club is getting to be. Our members could be interested only in rocks and minerals but not so here. Our members are showing a genuine interest in "People (Rockhounds) and their problems." It is mighty thoughtful of some of our forward looking members to try to lighten the load for others when their burdens have increased. One example is how members have volunteered to help Frances with the "Pick and Shovel" while Maurice is recuperating in the hospital. I have never found it necessary to appoint members to a clean-up committee for the club rooms after meetings. The chairs just fold up against the wall and the dirt moves to the far end of the room. It is a joy to be associated with such thoughtful and helpful members.

My compliments go also to our program committee who has been setting a fine table for our large family. The refreshments have been palatable, nourishing and a nice selection for all. But remember - when the family is large we are going to have to reach out and grasp the food and not wait until it is passed.

Dick hedges informs me that we are still in need of cabochons for the Des Moines exhibit and also material for the Morrill Hall Display. Be sure to contact Dick (Phone 488-4141) and find out what you can do to help with these displays. The displays that are put on public display will bring credit to the entire club and not just to an individual so they must be the work of many members.

Aren't there any other horse traders in this club but me? Check the basement and attic for white elephants. I believe a page of swapping or free material would be quite interesting for our paper. For example: "If there is any member who would like to get a start of the Paradise tree, I would be more than glad to let him dig them out of my lot. There are many new shoots as well as one year old trees of this interesting variety of tree. You cannot beat this price anywhere.

You cannot beat this club anywhere mainly because you cannot beat the type of members that make up this club anywhere.

I've been hearing glowing reports of the Hastings show and the friendly way in which our members were received by the Hastings club members. It is nice to know that where one finds Rockhounds gathered he has found a group of friends. I am sure our members will emanate this same friendly atmosphere at our show and are looking forward to renewing old friendships and making new friends. Be thinking about those cases you are going to enter...if you need a new case now is the time to order it while Art has the time to work on it.

We are happy that we have been having some guests at each of our meetings and hope we will be seeing them again.

Rockspectfully yours,

John Alden Lewis



SATURDAY - MAY 26, 1962

Regular Meeting - 7:30 p.m.

Robert's Dairy Party Room
211 South 20th Street

PROGRAM - Mr. Don Hazelrig, instructor of silver smithing at the University of Nebraska, will be our guest speaker. He will speak as well as demonstrate jewelry making and silver work.

REFRESHMENT COMMITTEE - Miss Helena Baegl, Mrs. Ray Sincebaugh and Mrs. C. Ray Waddle.

* * *

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Be sure to fill in the blanks and bring your answers to the next meeting.

1. What is the chemical element symbol for gold? _____
2. In the Mohs Hardness Scale the hardness for gold is? _____
3. What is the specific gravity for pure gold? _____
4. Gold belongs to the _____ group of minerals.
5. What single characteristic of pure gold distinguishes it from a nonmetallic mineral? _____
6. What single simple test will distinguish gold from copper?

7. What mineral, other than quartz, is most associated with and sometimes mistaken for gold? _____
8. Gold can be alloyed with two other minerals. Name two: _____

9. Alloy gold may be 12, 14, 16, 22, _____ depending on the percent of gold in the alloy.
10. What is the current government price on gold? _____

Velma Bloyd

* * *



Something to Crow about

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D. NOTE. DID YOU SEE THE
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WE HOPE THAT YOU WON'T
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WE SELL ALL TYPES
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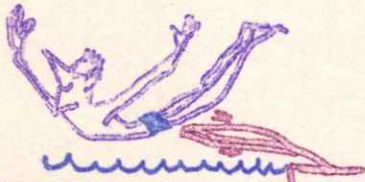
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LANTERNS
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R.T.S.

W E L C O M E

Fred H. Gadtner
615 North 12th
Beatrice, Nebr.

We are happy to welcome Mr. Gadtner to our Club. Please add his name to your copy of "WHO'S WHO AND WHERE".

ROCKY NUGGETS

Florence Boring was going to fly the Dick Hedges to the Wichita show, arriving at the airport they found the winds were too high, so they went to Wymore instead to dig blue Celestite geodes. Catching insects, digging plants, and geodes kept Florence almost too busy to eat. We hope her muscles weren't too sore for her classes to enjoy the specimens she brought back.

Dr. Gibson and Dick Hedges went out "A" Street almost to Pleasant Dale to an old quarry and found some real nice leaf prints in sandstone.

Lloyd Lederer certainly has a bragging rock. He found a beautiful, large Fairburn, north of Orella.

Adeline Nolde had a very fine demonstration and silver display at the Hastings show.

We thought it might be fun to have a rocky news column. So please call us and we will do the rest. Can't think of anything better than talking to a rockhound, unless its another one.

Velma Bloyd ID 4-4781

Dorothy Engelhart IV 8-5383

Editors Note - The deadline for all news, articles, advertising etc. is the 1st Monday of each month.

MIDWEST FEDERATION'S "LETTER-A-MONTH" for May 1962

Subject: Paleontology by Jay Nollin Chicago Rocks and Minerals Society
Presented by Miss Gertrude M. Hannen, Paleontology Chairman

The Midwest is well endowed with fossils at the expense of cutting materials and things of a crystalline nature. Paleontology offers a great amount of potential material for Education. A fossil is an animate thing. It once lived. It crawled among other potential fossils hundreds of millions of years ago. When it turned to stone it preserved many clues that can tell an interesting story of life in the far past, if you have learned to read them.

Unfortunately, a great number of club members attend their Club's fossil-collecting field trips without having more than a vague idea of what they are looking for, what they are finding, and what to do with them after they have found them. Such a trip is more interesting and valuable when the Field Trip Chairman or the Paleontology Group is able to tell them ahead of time something about the area to which they are going. (Many Field Trip Chairmen have been and are doing this.) What is the age of the area? Why is it exposed here? What types of fossils may be encountered? Here is a good opportunity to show some actual specimens from the area with their proper names, also, a geologic map of the State with the field trip locations marked. A follow-up in the Club Bulletin gives a permanent reference.

At least, the member should be aware that he has found a crinoid or a brachiopod and that it is Silurian in age from the Niagaran limestones. As he becomes more interested in fossils, he may wish to find more information about them, for instance, generic and specific names. Also, he should be given the opportunity to do so by availability of good reference material in the Club library, or elsewhere, such as "Index Fossils of North America" by Shimer and Shrock; "Invertebrate Fossils" by Moore, Lalicker, and Fischer; the superb "University of Kansas Studies" of specific areas; "The Wilmington Coal Flora" by Langford, and many more. For children and beginning laymen, the fossil guide books put out by the Geological Surveys and Universities of the different States are of great value. Many of them contain geologic map or maps.

As more is learned about the fossils themselves, a greater interest will come in what can be interpreted from them. "Search for the Past" by Beerbower, or the "Fossil Book" by the Fentons, place emphasis on what a fossil can tell about ancient times almost down to what the brachiopod was wearing the day he died. Club lectures along these lines are of immeasurable help.

A crystal with a location is still a pretty (and valuable) specimen, but a fossil without origin is just another stone. It cannot be too strongly urged that anyone collecting a fossil should label that specimen with as much information as possible about location, not only the name of quarry or map of the area, but specific information such as: "Black shale layer, one foot thick, lying above seven-inch coal seam, five feet from quarry floor." This may seem silly and like a lot of busy work, but it is invaluable for later identification. Often strata of several different ages are exposed in one quarry or road cut.

MIDWEST FEDERATION'S "LETTER-A-MONTH" Continued

Many old collections from areas that are now overgrown, flooded, built over, or used as garbage dumps, could furnish valuable information about the area if they had been properly labeled. Your specimens may have more value to other people that you realize. The names can always be added later, but when the location is lost, it can never be added again with certainty.

The Midwest Federation will be glad to give information to any Club wishing to embark on a more informative approach to fossil collecting and study.

Good hunting,

(Miss) Gertrude M. Hannen
Paleontology Chairman

Our President suggested that we start a swap column in our bulletin. If you have something you would like to swap with another member please send your information to the editor so that it reaches her before the 1st Monday of the month.

In addition to the free offer on the President's Page John says "Make an offer, I like anything I could use in the lapidary shop."

I have -

One 5 $\frac{1}{2}$ " x 7" fuse box, it is a single pull - double throw switch with a fuse in both lines. Good fusing for a shop or a motor of the shop.

One 8" x 12" house fuse box. It has a main fuse, a range fuse, and four circuits. Good for fusing small house or your shop.

Five - one gallon jugs. Good for storing oil or carrying water on field trips.

See or call John at 6225 Judson Street - Phone IN 6-7289.

Tom Simmons says he could still use more cutting material for the State Hospital.