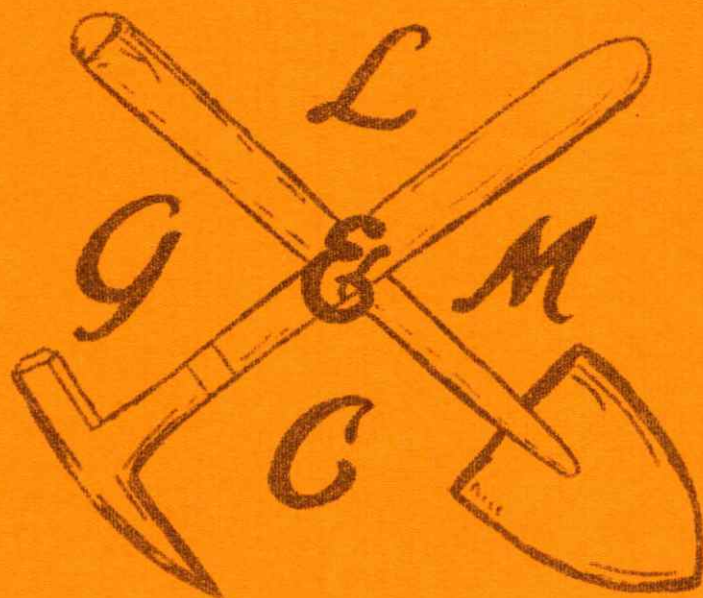


# THE PICK & SHOVEL



MONTHLY BULLETIN OF THE  
LINCOLN GEM AND MINERAL CLUB, INC.  
LINCOLN, NEBRASKA



LINCOLN GEN 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

\* \* \*

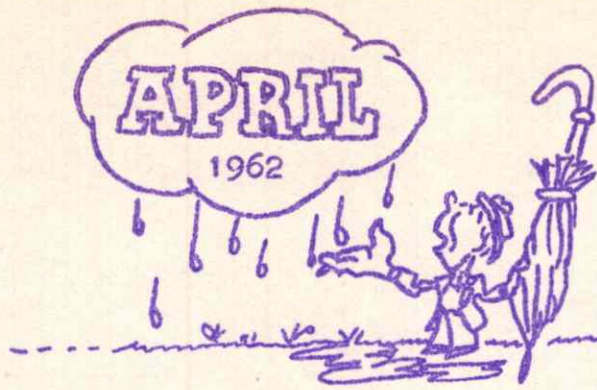
Affiliated with:

- 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



THE PRESIDENT'S PAGE

Dear Fellow Rockhounds;

As one Rockhound said to another "How's business?" and the reply (of course) was "Too darned long." This is an educational and social club and we are allowing our business meeting to interfere with our hobby. The executive board has met and handled most of the business, hence the business meeting will be limited to  $\frac{1}{2}$  hour. Come and see. The shorter business meeting will give us more time to view Virgil Carveth's display of STONES OF THE BIBLE. This display will tie in with the quiz STONES OF THE BIBLE -- a fitting theme for the Easter season.

I am getting some reports from people who have been out and collected material this spring. I think they should bring a few pieces to the meeting for us "Old stay at homes" to see. This might help some of us to decide which way to start out, if we ever get a day free.

We have sent in 28 names and addresses to the Morrill Hall Museum Notes. Be looking for your copies.

Although the Annual Show of the Lincoln Gem and Mineral Club seems a long way off, we are printing a list of chairmen to begin thinking (not worrying) about their assignments. At a later date full committee will be printed. If you have ideas or suggestions about any committees be sure to contact the chairman or me. This would also be a nice way to volunteer your services to the committee of your choice.

**BEFORE THE SHOW PREPARATIONS:**

CASES - Art Bloyd

TICKETS - Norman Engelhart

Congratulations Norman for having these done as well as some small signs.

PUBLICITY - (LAND SEA AIR) - Marie Carveth

ADVANCE MAILING OF NOTICES - Frances Tracy

There is a need for help with addressing, stapling and stamping these notices....Any Volunteers?

DEALERS - Executive Board

8 dealers have been contacted and have indicated that they will be looking forward to coming to our show.

HOUSING - Maurice Tracy

INSURANCE COVERAGE - Virgil Carveth

INTERIOR SIGNS - C. Ray Waddle

FRIDAY NIGHT COFFEE - Lois Marie Gibson, Marie Carveth & Velma Bloyd

ADVANCE SALE OF TICKETS - John Lewis & Velma Bloyd

(Continued)

The President's Page Continued

AT THE SHOW:

- ADMISSIONS - Dean Baumeister
- SNACK BAR - Norman and Dorothy Engelhart
- CUTTING & POLISHING DISPLAY - Dick Hedges
- CLUB HISTORICAL DISPLAY - Frances Tracy
- SPECIAL PROGRAM - Ray Sincebaugh
- FLOOR MANAGER - Desmond Gibson
- TABLES - Virgil Carveth
- POLICING - Bob Bainbridge
- PUBLIC ADDRESS SYSTEM - Mr. York
- DEALERS' HELPER - Frank Knott
- DISPLAYS BY JUNIOR MEMBERS - Tod Ashmun
- JUNIOR MEMBER HELPERS - Nancy Gibson

Remember that this is not a complete list of the workers at the show. We expect and hope to have every member of the club helping in some capacity to make the show this year as successful as the past shows have been.

And now for the controversial question on Article IV Section 4. Quorum: After much discussion and some research we submit the following:

"Ten percent of the membership, plus at least three of the executive board shall constitute a quorum for the transaction of business at any meeting of the organization. A majority of the Executive Board shall constitute a quorum for Executive Board Meetings."

John A. Lewis

\* \* \*



W E L C O M E

William Schneider  
2220 South 37th Street  
483-6788

\*Kimball Simon  
3922 South 20th St.  
423-2984

\* - Junior Member

We are happy to welcome these new members to our Club. Please add their names as well as the two following names to your copy of "Who's Who and Where".

G. W. McKinney  
6720 Ballard  
466-0196

Bruce Simon  
3922 South 20th St.  
423-2984



SATURDAY - APRIL 28, 1962

Regular Meeting - 7:30 p.m.  
Robert's Dairy Party Room  
211 South 20th Street

PROGRAM - Mr. Robert Killen of the State Fish & Game Commission will show slides and speak on the State Parks and Recreation Facilities. Mr. Killen is a rockhound like the rest of us and we might be able to get him to tell us of his favorite collecting spots. He travels all over the State and has access to all the latest finds since his duties take him to the sites where they are excavating.

REFRESHMENT COMMITTEE - Mrs. Robert Dannar, Miss Adeline Nolde and Mrs. Howard Taylor.

Remember the show at Hastings, Nebraska on May 4-6, National Guard Armory, 2015 West 3rd Street. On May 12-13 the Omaha Rock Hobby Show will be held at the New Guard Armory, 70th and Old Center.

## 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

## AN APPLE FOR THE TEACHER

What is a mineral and how do I know one when I see it? These were two of the questions we were asking ourselves twelve weeks ago. We have just completed a course in the study of minerals with Dick Hedges. He conducted his class through informal sessions, creating an atmosphere which was not only easy to learn in but was interesting also. Starting with basic local minerals we advanced slowly and steadily up to some of the rarer minerals found elsewhere in the United States. By showing us how to run tests he put us at ease to pick up a specimen and find out what minerals were there. Through knowledge acquired from the course we were able not only to enlarge but to improve our own collection.

We sincerely want to thank you, Dick, for enabling us to learn about minerals and to thank your wife for being the perfect hostess.

Velma and Arthur Bloyd

Many, many thanks to Dick Hedges and his lovely wife, Lucille, for the fascinating rock class. Dick's patient instruction has changed an amateur rock hound who hadn't dared expose her ignorance in the field to an enthusiast who is looking forward to many happy hours of hunting.

Florence Boring

The Engelhart's have been very busy this winter studying hard to make future dreams come true. "A Field Guide to Rocks and Minerals" by Pough, an avid mineralogist Dick Hedges, without a doubt we have had a ball, hard work but it just was fun, what a wonderful hobby. Thanks to Dick for opening the doors of knowledge. We have never spent a more enjoyable time in our lives, a fine collection, other curious rockhounds, a wonderful way to go rockhunting in the cold, cold winter.

Thanks again to Dick, his charming wife and sons, who made it all possible.

Dorothy and Norman

\* \* \*



*Something to Crow about*

Used Motors

Lapidary Equipment and Supplies

Choice Slabs

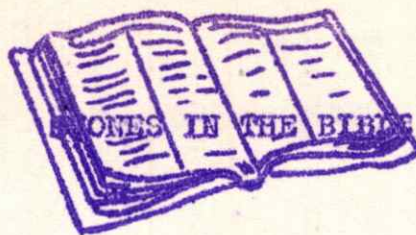
Cabochons

Rough Cutting Material

C L Y D E    B E N H A N

1711 Harwood

GA 3-4163



1. And I will make thy windows of \_\_\_\_\_, and thy gates of \_\_\_\_\_, and all thy borders of pleasant stones.  
Isaiah 54:12
2. And the building of the wall of it was of \_\_\_\_\_: and the city was pure \_\_\_\_\_, like unto clear glass.  
Revelation 21:18
3. And when I looked, behold the four wheels by the cherubims, one wheel by one cherub, and another wheel by another cherub: and the appearance of the wheels was as the colour of a \_\_\_\_\_ stone.  
Ezekiel 10:9
4. O thou afflicted, tossed with tempest, and not comforted, behold, I will lay thy stones with fair colours, and lay thy foundations with \_\_\_\_\_.  
Isaiah 54:11
5. And before the throne there was a sea of glass like unto \_\_\_\_\_: and in the midst of the throne, and round about the throne, were four beasts full of eyes before and behind.  
Revelation 4:6
6. The sin of Judah is written with a pen of iron, and with the point of a \_\_\_\_\_: it is graven upon the table of their heart, and upon the horns of your altars;  
Jeremiah 17:1
7. And there was a rainbow round about the throne, in sight like unto an \_\_\_\_\_.  
Revelation 4:3
8. And thus I saw the horses in the vision, and them that sat on them, having breastplates of fire, and of \_\_\_\_\_, and brimstone:  
Revelation 9:17
9. And thou shalt take two \_\_\_\_\_ stones, and grave on them the names of the children of Israel.  
Exodus 28:9
10. She is more precious than \_\_\_\_\_: and all the things thou canst desire are not to be compared unto her.  
Proverbs 3:15
11. And said unto them, What will ye give me, and I will deliver him unto you? And they covenanted with him for thirty pieces of \_\_\_\_\_ (precious metal)  
Matthew 26:15
12. The \_\_\_\_\_ of Ethiopia shall not equal it, neither shall it be valued with pure gold.  
Job 28:19

## STONES IN THE BIBLE Continued

13. Who, when he had found one \_\_\_\_\_ of great price, went and sold all that he had, and bought it.

Matthew 13:46

14. Then Peter said, \_\_\_\_\_ and \_\_\_\_\_ have I none; but such as I have give I thee:

Acts 3:6

Permission granted by the Strombeck Press Inc., Moline, Illinois to use in our bulletin.

\* \* \*

## THE MINERAL LIGHT

by Dick Hedges

SAFETY, safety. How many times have you been warned of this and that? This month I want to warn you about rock collecting hazards. Yes, there are hazards even to a rockhound.

First I will list a few of the hazards found in our homes. Most of these you probably already follow, some you were going to follow and some you haven't had time to do yet. Don't store your chemicals where you can't see them when you reach into a shelf. If they are on a high shelf you may knock them over spilling them on you. Don't store your chemicals on a shelf where little people can meddle. Always mix the acid into the water. Don't use a chemical until you learn about its properties. Don't go around licking all the rocks you see as the guy before you may have had the flu. There are several that are very poisonous, such as arsenopyrite, which has a lot of arsenic in it. When you make a rock case always use at least double strength glass.

Don't grind too large a rock on too small a wheel. Be sure to check the size of the shaft of the machine before putting on too large a wheel. When you put on a new grinding wheel always run it for several minutes at higher speed than normal and get out from in front of it. It could be cracked in shipping.

If you run mineral blow pipe tests be careful that if the rock explodes it does not hit your eyes. In my mineral class a red hot sample flew off and went right into the inside of my shoe. Blow pipe samples and silver solder can start a house on fire.

In the field, I can testify about a couple of things not to do that we did today at the mineral site at Wymore. Don't ever build a fire on bare limestone. I was telling Lloyd about this danger and we had built a little fire to cook on above the mud when it exploded with a big bang. Luckily no rock hit us but it sure got ashes and dirt on the hot dogs and beans. Also, when using a pick or sledge keep your friends well back. A pick in the head would not be very comfortable. Be careful of key stones in digging rock. Don't ever go above someone below even if very careful.

Continued

### The Mineral Light Continued

Now, as a special warning in quarries. Dynamite caps and dynamite are very dangerous and will not let you make a mistake twice. When you see a wire in a quarry - leave it strictly alone. By pulling on an electric cap you could explode a charge of dynamite. Dynamite looks like saw dust when it is not in a casing and could be exploded by hitting with a hammer.

Don't let a chisel head get too round, as a piece of steel can fly off and hit you. Also don't try to save money by buying a cheap rock hammer. I still have a piece of steel in my arm from about five years ago. The head on a sledge can be a good missile if its head comes off and goes through space. A sharp chisel is much safer to use than a dull one.

Mineral tip of the month - Drive carefully and come home safe from those rock trips. Carry a simple first aid kit and know how to use it.

\* \* \*

### KNOW YOUR FEDERATION

The committees of the AFMS are divided into three categories; those of administrative nature, the educational and advisory, and the type which offer service. Strictly speaking, there is not a clear line of demarcation between these sections for all of them represent service to you, but for the purpose of defining the duties we will use this division.

#### Administrative Group

Our Bylaws state the specific duties of the Historian and the Nominating Committee, and for the latter designates the manner in which its members are selected. Your club has received a copy of this document so we will not repeat this information now. At the prescribed time the president will activate the Nominating Committee, who in 1962 are Henry Graves, Chairman, Helen Rice and Russell Trapnell.

A special committee was appointed to study and present a manual of operating procedures. Such a handbook, if accepted by the Board and put into practice, would augment and interpret the bylaws, and provide a valuable guide to incoming administrations. It is intended to insure continuity of the work of officers and committees so that there is no blank space or breakdown in service during the transition period between terms. It will avoid the necessity of revising the bylaws in order to define in detail a procedure which is acceptable by virtue of precedent or obvious need. Such procedures would require a vote of the Board before being incorporated into the operating manual.

(Continued)

## KNOW YOUR FEDERATION Continued

Educational - Advisory Group

The Scholarship Foundation Committee, headed by Henry Graves, is charged with the responsibility of writing a workable Constitution and Bylaws, and Operating Procedure. Until this is accomplished, donations to the fund are held in escrow where they draw interest. The fund is something over \$1200. Regular contributions are received from several clubs who have made it a part of their educational program.

The roster of duties of the Bylaws Revision & Tax Advisory Committee includes recording such changes in the Bylaws as are made by the Board of Directors, and notifying and supplying all clubs with the revisions; filing Articles of Incorporation with the proper authorities; advising the officers and directors of any ruling or act that might jeopardize the AFMS "educational" tax exempt status; and assisting the affiliated clubs in understanding their own tax liability. In fulfillment of its appointed tasks, the Constitution & Bylaws, as revised and accepted at the annual meeting in Miami, Florida in 1961, has been mailed to all of the societies. The Articles have been filed. Copies of the Tax Report, made in 1960, were distributed with the Bulletin.

Service Group

At the meeting in Miami the AFMS was asked to assist in solving the problems encountered by regional federations which encompass a large geographical area. Therefore, a Special Study Committee (Midwest's Robert Markert is Chairman) has been activated to examine and evaluate suggested means of overcoming the difficulties. The Chairman is assisted by one or more representatives from each of the six regionals. A full report will be presented at Des Moines.

Nomenclature Committee

This preliminary report from Veryle Carnahan, Chairman of the Nomenclature Committee, outlines its work:

Richard Kirwin prefaced his Elements of Mineralogy, published in 1793, with these words; "Previous to the year 1780, mineralogy, though tolerably understood by many as an art, could scarce be deemed a science, being, for want of precise definitions of its objects, incapable of communication; the same substance, from some slight variation of appearance was often denoted by different names, and different substances by the same name; its descriptive language was, for the most part, arbitrary, vague and ambiguous, each author using that which seemed to him best to answer his purpose."

The average "rockhound" today, is in need of educational material to impress upon him the need to call minerals and lapidary material by their correct names. He needs to realize

(Continued)

## KNOW YOUR FEDERATION Continued

that the professional mineralogists have priority in the use of the suffix *ite* in naming new minerals. He must help in bringing these basic facts to the attention of members of his society and all others concerned with the gem and mineral hobby.

Plans are being made to have a Nomenclature Report available to all clubs this summer, giving the basic rules in naming a new mineral, help in learning the language of mineralogy, and an outline for study within the local clubs. Mrs. Marian Godshaw of Santa Monica, California, a member of the committee is working with graduate students of the University of California on an up to date listing of new minerals and discredited minerals published since Hey's Index in 1955. This listing will be available for the use of those displaying and judging in local and national shows.

The AFMS Bulletin had its beginning as an occasional brief newsletter instituted in May, 1958 by Henry Graves, who was then AFMS Secretary. It was sent to the officers and directors only, and was intended to keep these people informed of the activities at the organization's administrative level, and to draw them together in a closer bond through their knowledge of one another's work.

When Mrs. Helen Rice became president in 1959 she recognized the need to expand this service to all of the American Federation and to publicize the work being carried on. She appointed the secretary, Russell Trapnell to the post of editor of this newly created bulletin. During the 1959-60 administration approximately 540 copies were mailed each quarter, one to each club (there were about 490 then) and one to each of the officers, directors, past presidents and committee chairmen. In 1960-61 publication was changed from quarterly to bi-monthly and now we print 800 copies each time. The number of clubs has increased to something over 600, and all of the regional committee chairmen have been added to the mailing list. Katy Trapnell is the present editor.

The goal of this paper is to familiarize every rockhound with the work of federation offices. To many "the federation" seems a nebulous group whose duties are vague and of little importance to the individual. We believe that well informed members make a more active, interested and therefore, interesting club; it is our responsibility to tell you of the service the federation renders.

\* \* \*

Our President suggested at our last meeting 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.

MIDWEST FEDERATION'S  
L E T T E R - A - M O N T H  
for April 1962

Subject: Rockramas 1962  
by: Russ Kemp, Rockrama Director

Without a doubt, this will prove to be the finest year enjoyed by members of our Federation. Every member and every Society of the Midwest Federation will find there is a show close to home to enjoy, visit and display at.

Our most important show will be the National Gem and Mineral Exposition, the combined American and Midwest Federation Shows to be held the last 5 days of July, hosted by the Des Moines Lapidary Society in Des Moines, Iowa.

In addition to this major show, there can each year be 3 Rockramas, one in each of the regions not holding our Convention. This year we have a full compliment of Rockramas in the planning stages.

For the Central Region, hosted by the Rock River Valley Gem and Mineral Society a Rockrama will be held in the Rockford, Illinois Shrine Temple, June 8-9-10. For information, contact the General Show Chairman, Mr. Dick Bolander, 3620 Guilford Road, Rockford, Ill.

For the Eastern Region, hosted by the Muskegon County Rock and Mineral Association a Rockrama will be held in the Walker Sports Arena, Muskegon, Michigan, October 6-7. For information contact Mr. Russ Greer, 1554 Pine Street, Muskegon, Michigan.

For the Northern Region, hosted by the Rib Mountain Gem and Mineral Society, a Rockrama will be held in Wausau, Wisconsin. The place and dates will be announced later. For information contact Mr. Ronald Hoffman, Secretary, Rib Mountain Gem and Mineral Society, 933 S. 5th Avenue, Wausau, Wisconsin.

Besides these fine shows many clubs and societies are planning local shows, you can learn about these from the bulletins, magazines and the Midwest Calender of Events.

Each of the above listed Rockramas will feature special displays, programs of interest to all rockhounds, demonstrations, swap tables and the chance to purchase cutting material and specimens from reputable dealers displaying at the Rockramas.

The clubs and societies that put on these shows do so for the benefit of all rockhounds. To make a show successful they need not just many visitors but interesting displays from individuals as well as societies. Have fun in your hobby, visit and display at as many shows as you can this year!

Rockramally yours

Russ Kemp