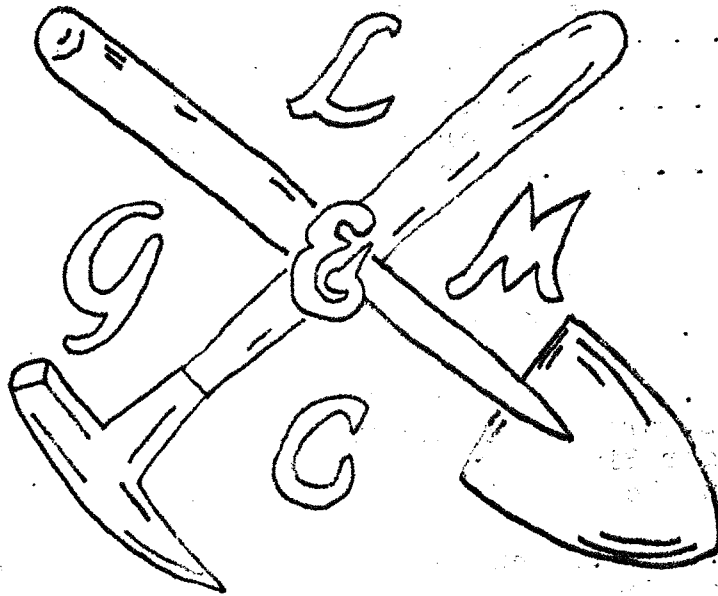


April 1967

THE PICK & SHOVEL



L I N C O L N G E M & M I N E R A L C L U B , I N C .

Lincoln, Nebraska

THE PICK & SHOVEL

Official Publication of

THE LINCOLN GEM AND MINERAL CLUB, INC., LINCOLN, NEBRASKA

The purpose of the 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 various fields to its members and the general public, particularly youth and student groups.

1967 ELECTED OFFICERS

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1967 ROCKRAMA	Howard Taylor	Editor-Member Natl.Bulletin Ed.Assn.
1967 Float for Nebraskaland	Ralph Ulrich	
Legislative	Frank Marsh	

affiliated with

MIDWEST FEDERATION OF MINERALOGICAL AND GEOLOGICAL SOCIETIES

AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES

Articles published in THE PICK AND SHOVEL may be reprinted if credit is given and a copy of the publication is mailed to the editor.

A MESSAGE FROM OUR PRESIDENT

I would like to express the grateful thanks of myself and my family for the help and kindness received from the many members of the club after our recent fire. The warm generosity in time, equipment and groceries was sincerely appreciated. God bless you all.

The next few months will see our club undertake several of our major efforts of the year. First the Nebraskaland Parade, then the Rock Swap and finally the Rockrama. All will need considerable effort by the majority of our club members. Work is already started on all three of these projects. It will be of great help to the chairmen of these projects if you will indicate your desire to help rather than requiring them to recruit their own crews.

Ralph Ulrich is committee chairman for the Nebraskaland Days and Float, and Howard Taylor as you all know is ramrodding the Rockrama. Why not give them a call now and tell them you would like to help?

Gene L. Eno

- - - - -

NEWS FLASH - - Show Chairman Taylor has just received word from The Union Carbide Company that we may have for display at our Rockrama the "Coronation Necklace" which is valued at \$25,000. They will also provide glass enclosed cases which show the steps in making those beautiful Linde stones which are coveted by many. This indeed sounds like a wonderful addition to our show.

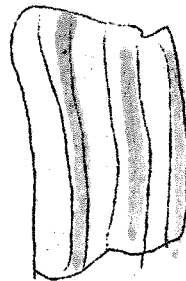
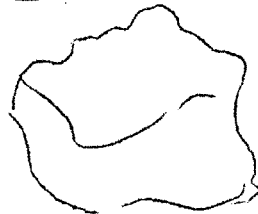
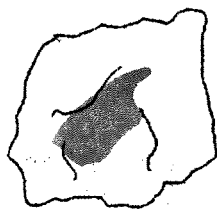
"ROCKS"

Rocks are found in many places,
Seen by a hundred different Faces.

Rocks may be large or they may
be small,
But most are found attractive
by all.

Rocks are made into many things,
From huge statues to tiny rings

A rock may be used as an
ornament or stepping stone,
But in the hands of a boy
it is bound to be thrown.



MARY MURPHY

This page is another example of the "THANK YOU's" which our Visual Aid Department received and was inspired by our 1966 LGMC Show. These students from the seventh grade at the Cathedral of the Risen Christ School showed their reactions in a variety of ways and all of them were interesting. We received these with permission to use them as we chose so we take this manner of sharing them with you - the rest of our Pick & Shovel readers. More about the visual aid programs will be presented on another page.

T H I S M O N T H

Regular Meeting - Saturday, April 22, 1967

Roberts Dairy Party Room, 211 So. 20th St.

THANKS!

We wish to thank the fine refreshment committee for the March meeting. The appropriate Easter Egg Cup cakes and cookies were all so tasty. Thanks to Mr. & Mrs. Tom Simmons (Tom on Coffee), Mr. & Mrs. Bruce Simon, Mr. & Mrs. Ray Smith and our Host and Hostess-Mr. & Mrs. Ray Sincebaugh.

Sincerely, Mr. & Mrs. Earl Amen, Chairmen

* * * *

NEW MEMBERS: Welcome to Mr. & Mrs. Ralph M. Lewis,
348 N. 29th St.

FIELD TRIP: Our next organized field trip should be to the Fremont Sandpits on May 28. It is to be headed by Virg Carveth and you will find details in your May Pick & Shovel or inquire at the next two meetings.

Don't forget the All-Iowa Rock Swap, Des Moines, Iowa on May 20 and 21.

COMING EVENTS:

May 6-7	Manhattan, Kansas, Mineral-Gem and Fossil Show
May 12-14	First Annual Nebraska State Rock Show, Cushing Coliseum, Kearney, Nebraska
May 20-21	Central Iowa Mineral Society Rock Round-Up
June 9-11	Rocky Mt. Federation Annual Convention & Show, Casper, Wyo.
June 29-July 2	American Federation & Eastern Federation combined show & Convention, "Our Mineral Heritage", Washington, D. C.
July 27-30	Midwest Federation Convention & Show, Rock Island, Ill. "Our World of Stones"
Aug. 12-13	Lincoln Gem & Mineral Club 2nd Annual Rock Swap
Sept. 2-4	President's Field Trip to Crawford, Nebraska
Sept. 15-17	Plains Rock & Mineral Club Show, Kimball, Nebraska
Sept. 22-24	Lincoln Gem & Mineral Club - NEBRASKA CENTENNIAL ROCKRAMA
Oct. 7-8	Topeka Gem & Mineral Show, Topeka, Kansas
Oct. 7-9	Nebraska Mineral & Gem Club Annual Show, Omaha, Nebraska
Oct. 14-15	Prairie Rockhounds 1967 Rock Show, Ogallala, Nebraska

PLAN TO ATTEND SEVERAL SHOWS THIS YEAR -

BE SURE SOME OF THEM ARE FEDERATION SHOWS

LGMC members - Don't forget to dress up for Nebraska Centennial and carry some flyers for our CENTENNIAL ROCKRAMA with you.

1967 CENTENNIAL ROCKRAMA CHAIRMEN

General Show Chairman - Howard Taylor

Dealers & Dealer Trophy	Bruce Simon
Treasurer	Mrs. Louise Baugher
Hospitality, Registration, Housing	Mr. & Mrs. Ralph Ulrich
Publicity	Gene Eno
Show Bulletins (Programs)	Lloyd Lederer
Newspaper Advertising	Thomas Simmons
Radio & T. V. Advertising	Perry Douthit
Special Adv. to Clergymen	Mr. & Mrs. Ewald Paul
Printing	Mr. & Mrs. Jim Parks
Signs	? ? ?
School Tickets	Gene Eno
Advance Tickets - Distribution	Mr. & Mrs. Jerry Kohn
Special Exhibits	Irl Everett
Fluorescent Displays	Arthur Bloyd
Other Club Displays	Everett Weber
Our Club Display & Decorations	Mr. & Mrs. Virgil Carveth
Shop	Floyd Olson
Cracker Barrel Session	Mrs. Dorothy Engelhart
Slides and Lectures	Dick Hedges
Swap Shop and Auction	Lloyd Baugher
Traffic Mgr. & Floor Plan	G. W. McKinney
Security - Police	Glen Lyman
Insurance	? ? ?
Electricity	Frank Rule
Badges and Ribbons	Roger Simmons
Memory Table	Marie Taylor
New Display Cases	Dick Hedges
Banquet - Catered meal	? ? ?

As jobs are filled names will be added to the list.

* * * *

HOSPITALITY - CENTENNIAL ROCKRAMA STYLE

You-all come, you-all come, we're going to have a big Centennial Show September 22, 23, and 24, 1967!!!

Packets are available containing information about Lincoln. Included will be a city map, information on hotels and motels, and points of special interest in Lincoln. These will be sent out upon request. Send request to: Hospitality, Liason Officer, 2818 N. Cotner, Lincoln, Nebraska. 68507.

Camping information will be included in the packet. Information on church services will be found on the registration table at the show.

There's a lot going on in Nebraska this year! For information on doings in Nebraska, fishing regulations, camping guide, etc., write to: Nebraska State Game Commission, Information & Tourism Dept., State Capitol, Lincoln, Nebraska.

Hospitality Chairman - Kathryn Ulrich

TO ALL MEMBERS OF THE LINCOLN GEM AND MINERAL CLUB:

In five months our Centennial Rockrama will be in progress. Probably sounds real early to start a count on cases you are going to display at the show, but we do feel it necessary to know. You should let us know size or type of case and whether they will be lighted ones.

We do encourage open displays, but do not want them to run in length. Would rather have a case and then an open display, and this to repeat down the tables. Open displays can be anything of your own choice. Preferably something that will tie in with rocks, minerals or fossils.

Last year our show had 272 displays. We would like to increase this to 500 for this year.

Color scheme and your own origination creates a very special conversation piece, so please lets all try at least one open display. Our Centennial theme colors are blue and gold.

Junior members, we are expecting a number of cases from you and also open displays. Make your report to your junior show chairman and he can turn it over to me.

Please detach the form below (or make a copy of it) and mail to me as soon as possible. Tables must be arranged for well in advance.

Howard J. Taylor
910 New Hampshire
Lincoln, Nebraska 68508

Number of Wichita cases _____ Number requiring lights _____

Number of Lincoln cases _____ Number other cases _____
(state sizes)

Number of open displays _____

Approximate sizes _____

I will have displays and will let you know sizes as soon as they are planned.

I will not be able to have displays.

signature _____

If no reply is received from a member we will assume that at least ten (10) feet of space per family will be filled with displays.

CENTENNIAL GOVERNOR'S TROPHY

We encourage any and all who are interested in lapidary art to compete for this trophy.

R U L E S (Judging by LGMC Board)

- I. Winning jewelry to be given to Governor and his wife.
- II. Suitable for both (such as bolo tie, cuff links, ring, tie tack, or belt buckle, etc.) (earrings, pendant, pins, or rings, etc.) May be made of matching materials or different.
- III. Nebraska materials only.
- IV. Should be of top quality material and workmanship.
- V. Findings of your own choice, either purchased or hand made.

* * *

MANY OF US HAVE THE RIGHT AIM IN LIFE. WE JUST NEVER GET AROUND TO PULLING THE TRIGGER.

-from GEMS of Kalamazoo

* * * * *

N E E D O F C A S E S

Again this year our club intends to purchase more cases - (Wichita.) It is believed that in quantity of purchase we can get a better price per case. Is there anyone in the club who would be interested in cases for themselves?

These will be made of white pine, glass and hardware complete (no lock) but unfinished. If we can submit an order for 25 cases the price would be \$12.00 each. If less than 25 cost would be \$14.00 each.

If you would desire them to be finished (natural) this can be done for an extra \$2.00 per case.

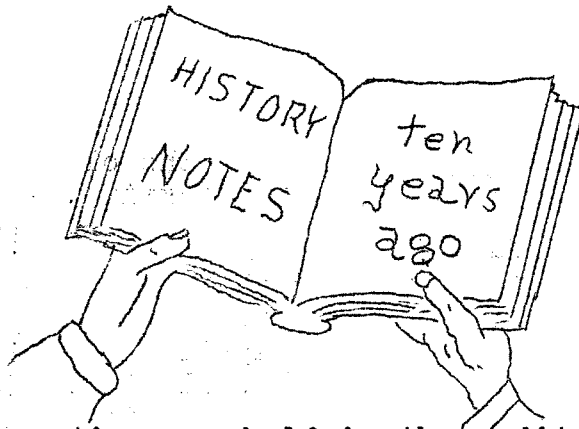
If interested please contact:

Mr. Richard Hedges

5844 South Street

Telephone 488-4141

CASH IS REQUIRED WITH ORDER



The April 15, 1957 meeting was held in the auditorium of Morrill Hall.

The president, Dick Hedges, asked for volunteers to serve on a program committee for the fall meetings. Clyde Benham and Irl Everett offered to serve with Dick on this committee.

Dick Hedges gave a lecture and demonstration on "What every rock-hound should know about equipment and field trip tools".

-from the notebooks of Frances Tracy

Gem for Thought - The race which does not value education is doomed ---
via mjc

Hint - Old telephone books make excellent wrapping paper for packing specimens. They are so neat to carry around!!
via ku

advertisement

NOW IS THE TIME TO GET YOUR
CASES READY FOR THE
CENTENNIAL ROCKRAMA
WE CAN HELP YOU BE IT
MINERALS JEWELRY
ROUGH FLUORESCENT

EVERETT LAPIDARY
2941 North 65th Phone 466-6204
SATISFIED CUSTOMERS ARE OUR BEST ADVERTISEMENT

DID YOU KNOW - - - - -

Our youngest "Pebble Pup" is now 3 months old! And has been officially initiated into the art of rock-hunting, - fossil trip last Sunday. Of course we are speaking of young Larry Pope - Joanna and her baby son will be leaving on Sunday April 9 to join her husband at Eglin A. F. B. 30 miles out of Pensacola, Florida. Larry has the house, just waiting now for the rest of his little family.

The Dr. Lange's enjoyed a visit with their son Howard who is just out of the Air Force. Howard will be doing graduate work at the University of Washington on 'The Far East.' Having spent three years on Taiwan, he finds the Chinese and Japanese very interesting.

Say, who are the "Drop-outs", anyway? Another title for the group enjoying their silver-work shop meetings.

The Lewis's, John and Lillie, are planning to park their vacation trailer at Harlan Dam this summer; plan to rock hunt also. This will be week-ends, and also their first official summer in Lincoln. This trailer will be a home away from home. Dr. Lewis, John's father, is making his home with his children in Lincoln, and has already started his garden. His favorite sport is golf, and the senior Mr. Lewis enjoys the game with his grandson, David. Judy Lewis has the most interesting part of "Alice" in the play "You Can't Take It With You." How exciting!

The "Float" committee met with the Ulrichs - some nice and interesting plans are shaping up.

When a catastrophe strikes, much hardship, heartache, and discomfort also arrives. Such was the occurrence recently at the Eno home. Everyday items were lost, wearing apparel, cooking utensils, furniture, a cherished dolly, or toy, books - and so forth. The aftermath is a horrible sight - But out of it all come helping hands - in one form or another. A friend in need is a friend indeed! How true this is the Eno's know. The blessing is - the family is safe - the children - they are safe. This is the bright side which we are grateful for. Such friends as the Nuns of the Cathedral of the Risen Christ who came to help in any way they could, thereby showing their respect and appreciation for the recent Earth Science programs which Gene had helped present to their school. Many, many others helped who could. A food shower was held for the family and a large quantity of gifts were received, - this all in a small way to show our friendship to a fellow clubmember and our President.

Until next time -
Marie J. Carveth

* * *

SCHRAMM PARK - Recently it has been announced that Mr. E. F. Schramm, former chairman of the geology department at the University of Nebraska who served as curator of mineralogy and rocks at the State Museum until 1958, has left much of his estate for scholarships at the U of N and several hundred acres for a park adjoining Gretna Fish Hatchery. More details will be available soon.

CENTENNIAL ROCKRAMA REPORT
(Special Exhibits)

Our Special Exhibits chairman, Mr. Irl Everett reports this group of outstanding features. These have already been secured for our Rockrama and there are many more "hanging" which should increase your anticipation for our Rockrama.

Mr. and Mrs. Ralph Bass of Vermillion, South Dakota, are bringing their Museum type display of polished wood sections. These are not slabs as a Rockhound thinks of a slab. These are sections and full rounds up to three and four inches thick - all polished to a high polish. First time shown in our area. You will talk of this display long after our show is over.

Glen and Ruth Hawkins of Marysville, Kansas, are bringing their spheres, fluorescents and other specimens. They are also bringing their world famous "Turk" cut in a sphere from limestone and when finished has a face and features which Glen calls "The Turk." You will want to take photos of this display.

Mr. Ray Anderson of Clearfield, Utah, will be here to chip arrow heads. This is as authentic as you can get as Ray is known throughout the midwest for his talent in this field. He will have all kinds of points here on display and for sale.

Mr. and Mrs. Claude Clary of Lincoln will have their famous sphere display. They are known throughout the circle of Rockhounds as the "Ole Pro's" on spheres. Both have entered in the Northwest Federation in competition and came out with a FIRST.

Mr. Cliff Stegman, from Pierce, Nebraska, will be our silversmith this year. Silversmithing has been his hobby for many years and his talents are one of a kind. Silversmiths all over the midwest look up to Cliff as he is one of the best.

Mr. Lloyd Lederer of Lincoln will display "World's Largest Fairburn". This one is a rockhounds dream and the first time displayed at a Rockrama.

Mr. and Mrs. Ray E. Ruske of Grant Lake, Colorado, and Tuscon, Arizona, will display "Ruske's "RocSan" Replicas." The painting is made by gluing layer upon layer of natural sands and colorful rocks which have been hand crushed by the Ruske's. They will be painting a picture or two for us and will answer questions. This is one of the top displays in all USA.

The Howard Taylors consented to bring their natural diamond which they found in Murfreesboro, Arkansas.

R E M E M B E R

COUPONS FOR SCHOLARSHIP - General Mills Coupons $\frac{1}{2}$ cent each

SAVE STAMPS FOR MILK - Feed refugee children

"CODE OF ETHICS"

THE AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES

- I WILL respect both private and public property and will do no collecting on privately owned land without the owner's permission.
- I WILL keep informed on all laws, regulations or rules governing collecting on public lands and will observe them.
- I WILL, to the best of my ability, ascertain the boundary lines of property on which I plan to collect.
- I WILL use no firearms or blasting material in collecting areas.
- I WILL cause no wilful damage to property of any kind - fences, signs, buildings, etc.
- I WILL leave all gates as found.
- I WILL build fires in designated or safe places only and will be certain they are completely extinguished before leaving the area.
- I WILL discard no burning material -- matches, cigarettes, etc.
- I WILL fill all excavation holes which may be dangerous to livestock.
- I WILL not contaminate wells, creeks or other water supply.
- I WILL cause no wilful damage to collecting material and will take home only what I can reasonably use.
- I WILL support the rockhound project H.E.L.P. (Help Eliminate Litter, Please), and will leave all collecting areas devoid of litter, regardless of how found.
- I WILL cooperate with field trip leaders and those in designated authority in all collecting areas.
- I WILL report to my club or Federation Officers, Bureau of Land Management, or other proper authorities, any deposit of petrified wood or other material on public lands which should be protected for the enjoyment of future generations for public educational and scientific purposes.
- I WILL appreciate and protect our heritage of natural resources.
- I WILL observe the "Golden Rule", will use "Good Outdoor Manners" and will at all times conduct myself in a manner which will add to the stature and "Public Image" of Rockhounds everywhere.

This "Code of Ethics" has been accepted by the American Federation and most of the affiliated clubs. In general the content of this code agrees with the Field Trip Rules adopted by the members of LGMC at the March 28, 1964 meeting. Therefore for the sake of uniformity the LGMC Board is recommending that we accept this as official and will ask for a vote on the Code in the near future. "Voluntary conformity by all collectors on field trips will insure continued use of collecting areas and build invaluable good will," are the words of Albert J. Keen, American Federation of Mineralogical Societies.

SUBJECT: Classes, Study, Work, Play and Education

Workshop, Room 104, is still meeting each Wednesday evening and on Monday mornings, preparing fossils and doing other needed work at the University of Nebraska Museum.

Roger Pabian's group has seven regular members studying the intricate subject of invertebrate paleontology meeting each Sunday evening. On April 2nd they welcomed a visitor, the friendly fossil digger, Mrs. Larry Pope. They shared with her a game originated by Roger, patterned after speedreading, and meant to increase their powers of observation in identifying small characteristics in the different fossils. They also enjoyed seeing fossils from Spain.

The March meeting of the Lapidary group had a better turnout. They had a good time and learned a few things about problems they had been faced with. The next meeting will be at Engelhart's on Tuesday, April 25th at 7:30. Anyone interested in Lapidary problems is welcome.

The Earth Science Fair was held for two weeks in February at the Cathedral of the Risen Christ School. It was another great experience in sharing our interest in rockhounding with students who seem avid for exposure to the gems, minerals, fossils, fluorescents, and lapidary work. An attempt was made to demonstrate every phase of the hobby to the more than 800 students who participated in this exhibition. The work in preparing slide programs, demonstrations, open and case exhibits was judged most rewarding by all who participated.

advertisement

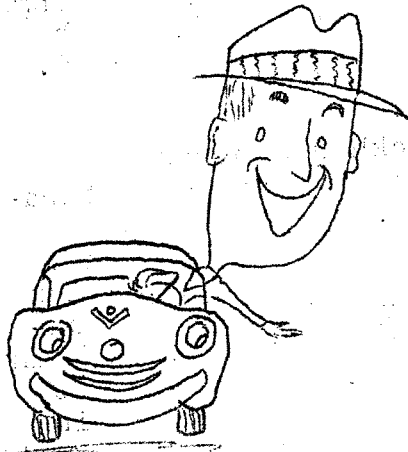
SIMMONS

R E N T A L A N D L A P I D A R Y

2970 South Street

Phone 488-1619

3 P. M. - 9:30 P. M.



V A C A T I O N ?

Need help planning your field trips?

Need equipment, tools, information?

Need gifts for a friend or relative

along the way?

We have your NEEDS. See us.

THE LAST HUNDRED YEARS

The human race is engaged in a desperate race against time and most people don't even know it! Some of them have read newspaper and magazine articles about the population explosion, food shortage, depletion of natural resources, water pollution, air pollution, garbage disposal, sewage disposal, junked cars and junk in general.

I am not going to argue with anybody or quote anybody, just state a few facts. Some experts give us something less than one hundred years, then this old ball of mud will not support life of any kind. Between now and then, if we continue as we have in the past, we will have too many people who will use up all of the natural resources, pollute the water so it is good for nothing, and pollute the air until it becomes a poisonous gas. Probably by that time there will be no room left anyway because of various waste materials piled all over the earth.

These problems are acute right now in many places and getting worse. Even now, smog, a mile deep, covers most of the state of California most of the time. Not only is the air being polluted but the oxygen is being burned up faster than nature produces it.

This is a problem as serious as the atom and hydrogen bomb. More serious than any war has even been. What about our children? Our grandchildren and great grandchildren? Will it be too late for our grandchildren to start doing anything about it? Certainly it will be too late for our great grandchildren. Whatever is done must be started now and our children can then correct any errors we make. The pattern will then be set for our grandchildren and they can follow through.

What can we do? We must subordinate our national, political, economic, racial and religious differences so that we can work together for the common good. We must have world wide birth control, distribution of food, conservation of natural resources, anti-pollution procedures and reuse of waste materials. All of these things must be done now. In many instances, voluntary action will not be enough. We will need strict laws and these laws must be enforced. We must support such programs.

What is an article like this doing in a rockhound magazine? Depletion of natural resources, that's why! Long before the saturation point, gemstones will practically disappear. It will become impossible to go out and pick up our own rocks. Soon we will have to buy all of our rocks and the cost will become prohibitive. Then our hobby will disappear. This is hard to believe with so many unexplored and virgin rock hunting areas. But stop and think. Ask any oldtimer how easy it used to be to find good rocks. More and more places are being closed to the rockhound. What will it be like in another generation? Hunters and fishermen found it necessary to set up programs for the conservation of wildlife even though the things they hunt reproduce themselves. Nature took millions of years to make gemstones and they will be gone in a few more generations.

It is up to us to do something about it as no one else will. We better start and support conservation programs of our own - right now!

by Arthur C. Howlett

THOSE BEAUTIFUL GEMSTONES

One of the many characteristics of a rockhound is his persistent curiosity. History does not tell us all of the details of man curiously probing into the ever-present wonders of Nature. No doubt one day many years ago some one, perhaps a young boy or girl, was wandering through Nature's playground and discovered a rather pretty stone. This they were very anxious to show to their fellowmen, perhaps brag a little. So everyone could easily see what he had found, he fastened the little gem to his clothing. Thus the custom of wearing jewelry was started. You can imagine the intense interest that was aroused when someone discovered one of the many crystals and all it's beauty -- how it sparkled!

But since man is always striving to improve things, he then decided to clean up and polish some of the less flashy specimens. This led to a whole new field of discovery. He found that he could polish even the dull pieces and many times expose the hidden beauty within them. Later this became what we today know as the art of lapidary and those of us who cut and polish, know many hours of enjoyment both in fashioning these gems and metals into jewelry and in wearing them for personal adornment.

The students of gemology have learned much as a result of the practice in many lands of placing the stone ornaments in the burial pits. From these burial pits we have learned the nature of the stones so highly prized by man thousands of years ago. We have also learned that these precious stones were traded, and sometimes transported great distances.

In about the year 1900 under the guidance of William Petrie, an important discovery was made at Abydos, Egypt. While clearing out the debris of the burial place of King Zer, a ruler in the second dynasty, during the year 4500 B. C., a portion of the mummy of the queen was found which disclosed four bracelets of exceptional workmanship. One of these contained in combination with turquoise, a number of beads fashioned from Lapis Lazuli. Since Lapis Lazuli is not found in Egypt but in a remote area in Afghanistan, we believe that even in that ancient time trading took place between the two countries.

The Greeks have given us names for many of the various gem stones. "Sapphiros," "Amethystos," and "Topazos" are but a few. From the Romans we get the name gemma signifying an engraved stone. Gemma ultimately was shortened to gem and when used with "antique" has reference to all of those relics of ancient times that were recovered from the ruins of nations that have passed into ancient history.

(Continued next page)

THOSE BEAUTIFUL GEMSTONES (continued)

However, many questions were still unanswered. Why did some crystals sparkle more than others? Or why did some stones take a brilliant polish while others did not? Then one day the lapidary decided to cut a few sides of his own choosing on the crystals. These we know today as facets. He soon discovered that the brilliance of the finished stone was related not so much as to how many of these facets he placed but more specifically how they were placed. This whole thing seemed to be related to some specific characteristics of the material of which the stone was formed and the angle at which the facets were placed.

So we find the word-givers busy again. This ability of a stone to bend light rays as they enter the stone was called refraction and when a stone divides the rays of light into its spectral colors before returning them to the beholder, they called this characteristic dispersion. Many scientists have studied these characteristics and invented instruments with which to measure not only these but many other characteristics so that we may conveniently judge the value of a piece of rough. However, the ultimate measurement of the beauty of a gem stone is in the eye of the beholder.

Thus it would seem that man's persistent curiosity, his constant search for the hidden beauty in Nature, his willingness to share his discoveries, and his appreciation of all the wonders of Creation have developed one of the most fascinating hobbies of our present day.

by Ralph Ulrich

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SUBJECT: LAPIDARY CLASSES

The City will soon be moving it's lapidary equipment to the new recreation facility at 25th and O streets. The director of these programs is interested in finding out if summer classes would be of interest to the people of Lincoln. In the past it has been impossible to hold them as Muny Pool building must be vacated for swimmers. If you or any of your friends are interested please contact Candy Kommers at 432-9368 or city recreation at 423-2391.

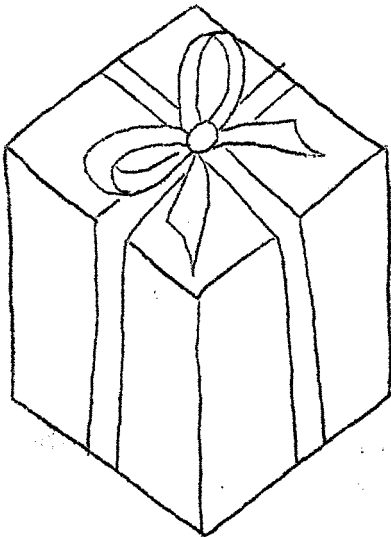
SUBJECT: "Confounded Machine"

John Lewis is looking for materials to add more life and greater versatility to his "Electronic Cabmaker" for this year's Rockrama. If you have anything that moves, makes an interesting noise or lighting effect, and which could be used with lots of other materials in the same general category - please contact John or Lillie.

SUBJECT: Central Nebraska Rock Show

Many Lincoln Gem and Mineral Club members were in attendance at the Hastings Show over the weekend. It was a most enjoyable time and many things of interest were seen. Some new features had been added and a change in location made it vastly different. It was wonderful to see so many "Old Friends" among the dealers and hosts at this first show of the season.

advertisement



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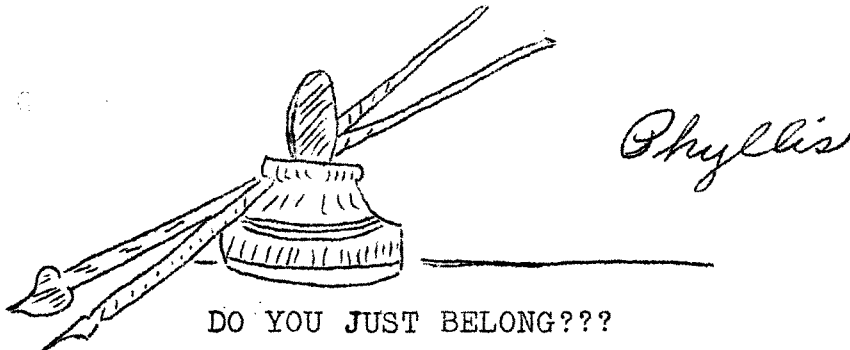
Get ready for the big Rockrama.

"ROCKRAMA"

As editor I form very strong opinions on various subjects and open my mouth too often - but -- as an active member of Lincoln Gem and Mineral Club - I'd like to say -- Think! and right now "Think Rockrama." Since the club has succeeded in so many preparations for a ROCKRAMA - now is a poor time to go backwards to ROCK SHOW. After a bit of research I find Rockrama is a coined word of Midwest Federation who ask that no unauthorized show be so designated. In order to encourage area participation shows the Midwest Federation is willing to help provide special displays and even advance financial assistance if it is needed. In turn the Midwest Federation is to receive 25% of the net profit from such authorized "ROCKRAMAS" (or 50% up to \$200.00 of any loss.)

Now for those of you who feel the local people will not recognize ROCKRAMA since they will be looking for our usual ROCK SHOW, this is not our usual ROCK SHOW. It is supposed to be an extra special ROCK affair, larger and much better than our customary show. It is to take it's place with CineRAMA, PanaRAMA, GemoRAMA. I think the local people as well as those who might see our bumper stickers at other locations would be apt to realize that ROCKRAMA is a special name for Rock show and would only be confused by seeing different designations on the different forms of advertising.

The important thing now is not a matter of producing a rock show but for everyone to get in the swing and help produce the best "ROCKRAMA" possible. This means each member should be planning at least a half dozen Rockrama displays. Now is not a time for any member to sit back and let the other fellow do it. Now is a time to think - THINK ROCKRAMA



Are you an active member, the kind that would be missed,
Or are you quite content that your name is on the list?
Do you always attend the meetings and mingle with the flock,
Or, do you stay away and criticize and knock?

Do you ever pay a visit to a member that is sick?
Or, leave the work to just a few and talk about the clique?
There is quite a program scheduled, that no doubt you've heard about.
We'll appreciate it if you, too, will come and help out.

So come to the meetings often, and help with hand and heart;
Don't just be a member, but take an active part!
Think this over, member, you know right from wrong,
Are you an active member, or do you.....just belong?

from THE EARTH SCIENCE NEWS.

MAMMOTHS, BEER CANS, BULLFIGHTS

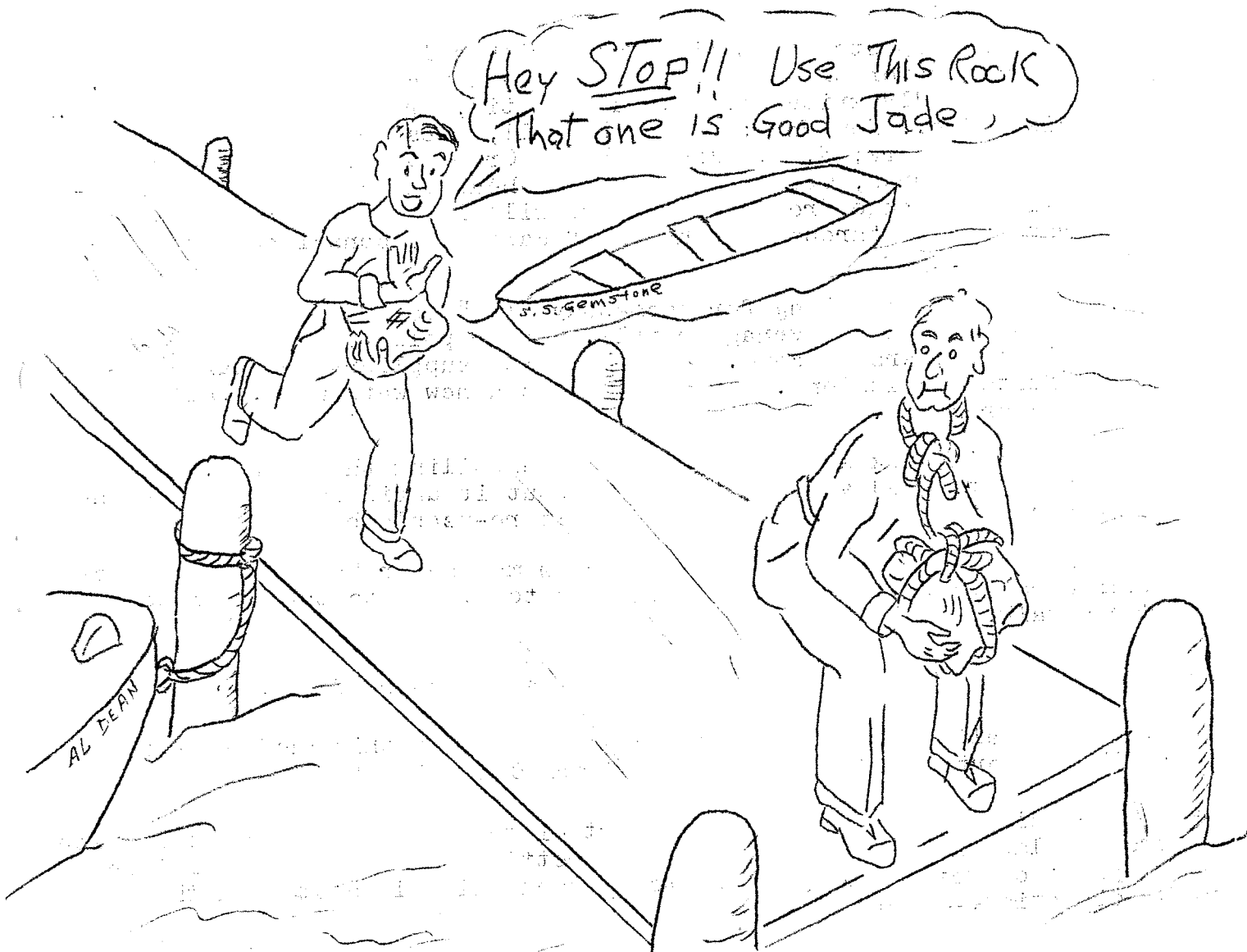
An AP release out of Chicago with the above heading went on to discuss the items that take up part of the time of legislators throughout the United States (when not involved in tax business). A foe of litterbugs stated that "In a few years we'll be up to our knees in broken glass". Another wanted the state's antilitter law printed on all bottles and beer cans. Nebraska came in for mention when they designated the mammoth as official state fossil, prairie agate as state rock and blue agate as gemstone. When the Iowa legislature passed a law making geode the state rock, geologists declared geode is not a rock. (It's a stone with a cavity containing crystals of mineral matter.)

* * *

J A D E

On Wednesday, January 25th, 1967, a bill was sent to the Wyoming state Governor naming JADE as the official state stone of Wyoming. It thus became the ninth state to officially adopt a state stone.

* * *



THE WORLD OF BROKEN GLASS

via The Rockpile

It is growing into a towering mountain of DANGER...danger to the welfare of our children and their children. Yet there is time to do battle. For years the "no deposit, no return" beer bottle has insinuated itself upon the American public. There has been no consumer organization powerful enough to combat the lobbyists of glass manufacturers. The glass pollution of beaches, highways and parks has cost millions of dollars to taxpayers. But, unless there is concerted action, this is only the beginning. Now, soft drink makers are beginning to flood the market with throw-away containers of glass adding to the tidal wave of broken glass strewn across the countryside.

BROKEN GLASS IS FOREVER!

Broken glass never disappears. It never rots or rusts away like most cans. As it breaks into smaller pieces each tiny bit is needle sharp, ready to enter a child's hand or foot, or a hunting dog's pad. Glass will not burn. It will not compress or dissolve. Before it is harmless it must be buried underground, a costly, impractical and space consuming answer to the problem.

WRITE A LETTER!

You can help stop this tidal wave with a letter .. to your congressman or senator of course, for legislation can curb this menace. But more pointedly write to: J. Paul Austin, President, Coca-Cola Co., 515 Madison Ave., New York; Donald Kendall, President, Pepsi Co., 500 Park Ave., New York; W. E. Uzzell, Royal Crown Cola, 10th Street and 10th Ave., Columbus, Georgia. These men head the companies that, unless policies change from YOUR urging, will FLOOD our world outdoors with broken glass through the hands of careless, conscienceless consumers.

We've waited too long for "somebody else" to do something about the throwaway, glass beverage bottle. Water pollution is going to be licked in the years to come. Food and drug suppliers are warned against further delusions. Auto safety is a new watchword...all thanks to public pressure.

Now let's talk about broken glass despoiling the nation. Let's YELL about it, loud and long. Write about it until suppliers see the light and return to the far less fragile re-usable bottle.

Unless we do, the child of tomorrow may never know the thrill of running barefoot .. or the risk will be too great to take your dog for a walk.

By Mort Neff
Michigan Outdoors Club Digest

Editors of all publications are urged to reprint this article with credit to Morton Neff, Michigan Outdoors Club Digest.

4-10-67 - Editors note: Since the start of this campaign for elimination of broken glass hazard we note that the bottling companies have raised the deposit on returnable bottles to 3¢ each which is a step in the right direction. pnp

Midwest Federation's NEWSLETTER

Published monthly except July & August as a Service to Member Clubs.
Editor Haydon Peterson, Route 5, Box 229; Des Moines, Iowa 50317



Issue No. 73 - April 1967

THE EYES HAVE IT!

From: California Federation Newsletter

The most precious thing we possess, other than life itself is the sense of sight. Why, then are we so careless in the care and protection of our eyes?

I am going to suggest the following methods of eye protection, or eye sight preservation:

A. FACE SHIELDS. Face shields, available at most hardware stores, Sears, or Wards, offer protection not only to our eyes, but also to the face from kerosene or other cutting oils used in saws or for lapping. Face shields also offer good protection when chipping or working obsidian or similar materials, and are invaluable protection when using a centrifugal caster for gold or silver casting.

B. GOGGLES. The most comfortable type of goggle available, one which also provides better than average protection against particles flying in around the edges of the goggle, is the "Motorcycle" type of goggle. This goggle uses a soft clear plastic frame fitting closely around the goggle, while using a replaceable hard plastic or safety glass lens. This type is recommended since it is easy to clean, can be worn over regular glasses, and is relatively inexpensive. They are usually available from 69¢ to \$1.25, depending on the quality of the lenses. Goggles should always be worn on field trips when chipping materials, while grinding or sanding materials, or at any time when flying particles can get in to the eyes.

C. SAFETY GLASSES. Those persons normally wearing glasses should invest a very small additional amount and purchase prescription glasses made from safety glass. These glasses greatly reduce the danger of eye injury resulting from splatter or splashing.

D. COLORED GLASSES. Light blue glass is very good to prevent eye inflammation when

silver or gold soldering. This type of glass also eases eye fatigue when working under a bright light for any length of time. However, they are not practical with some materials due to the slight color distortion.

I would, therefore, classify proper eye protection as follows:

1. Face Shields - grinding, sanding, sawing, or at any time as a replacement for goggles.
2. Goggles - grinding, sanding and while on field trips for chipping of rocks, mining, etc.
3. Safety Glasses - Always to be purchased in place of standard glass for those persons normally wearing glasses.
4. Colored Glasses - Blue tint for eye protection while silver or gold soldering; also to ease eye fatigue. Polaroid or dark tint glasses for daylight use when driving or on field trips; invaluable for desert use.

Always protect your eyes, use proper eye protection at all times. You have only one pair, protect them and use them properly.

OUR VICE PRESIDENT IN MICHIGAN

Russell Greer is the MWF Vice President for the State of Michigan.

Russ, by training, knows machinery and tools. He knows both how to use them. Just what they can do, their limitations. Consequently, cutting and polishing is a "natural" for him. He likes to do this work. In addition Russ has the unique faculty of being able to effectively impart his techniques to others.

It is a pleasure for him to share his knowledge and experience with others. This is done through courses he teaches in cutting and

polishing as well as talks and demonstrations. At shows his displays portray the fine work he and his wife Helen do as well as show the depth of their mineral collection (350 different minerals on display in their basement).

Russ was one of the organizers of the Muskegon County Rock and Mineral Association, President for two years, plus Chairman of their Rockrama.

Russ and Helen Greer live at 1554 Pine Street, Muskegon, Michigan 49442. Not only can they lend constructive help in organizing a new club but also have ideas for club activities, plus are most willing to present programs.

Michigan clubs especially should not fail to tap this reservoir.

ASSISTANT CHAIRMAN

M.W.F. Credentials. R. K. Lampe known to many rockhounds by his famous beret has accepted this position and will be working with O. M. Fether. "Lampe", as he signs his mail, is a founder member of the Tri-State Gem and Mineral Society of Dubuque, Iowa. He has served this club in many capacities, President, Liaison Officer, Editor, to mention a few.

OUR VICE PRESIDENT IN IOWA

Howard B. Shanks, the MWF Iowa State Vice President, grew up in Iowa. As a boy he collected fossils from the many Devonian deposits in the state.

This was the springboard to his present interest, Paleontology and Mineralogy, plus the building of an extensive Paleobotany collections from the Pennsylvanian of Iowa.

Howard and Laura, with their two boys live at 1429 Clark Avenue, Ames, Iowa. He is employed as a solid state physicist in the Atomic Energy Commission's Ames Laboratory doing research on the growth properties of singly crystals.

Over all Howard is greatly concerned with the recreational needs of our Iowa clubs - rock swaps, field trips, shows, collecting areas.

Our Iowa State Vice President has a wealth of material to help Iowa clubs. Just call on him.

PLAN TO ATTEND THE MIDWEST FEDERATION CONVENTION
JULY 27-28-29-30 - Davenport / Rock Island

MIDWEST SCHOLARSHIP

Dear Friends of the MWF: The AFMS Scholarship Foundation can now report that by the time this Newsletter reaches you the fund will be nearing the \$35,000.00 mark of which nearly \$10,000 has come from the MWF in the form of either cash or Betty Crocker coupons. At the rate the MWF is currently responding it appears that they may shortly become the second Federation to reach the 100% mark and receive a plaque for this accomplishment. Texas reached this plateau in time for the Las Vegas meeting in 1966, it is possible that the MWF could reach this mark by the 1967 meeting in Washington, D.C. To reach this mark the MWF would have to have contributed an average of only \$1.00 per person for each member of the Federation, with your membership of approximately 12,000 you can easily see that with a slight push by each MWF member you can reach the 100% Federation mark by mid-June. We certainly hope that we have the honor of presenting this plaque to the MWF in the near future.

The Director for the MWF, Mrs. Katharine Steinbrenner, has been doing an exceptional job for the Foundation, keep on sending your coupons and contributions to her. She will be representing you at the Washington meeting the last week of June. If you have any suggestions or questions pass them on to Kate.

As of this date, the MWF has 55 clubs 100%, which is more than any other Federation. Total number of 100% groups in the nation is 180 and growing.

We wish to thank the MWF members for their strong support, keep up the good work. Best wishers

MORE CLUBS REACH 100%

Congratulations to the Racine Geological Society, Racine, Wisconsin; Mid-Iowa Rock Club, Marshalltown, Iowa; Flint Rock and Gem Club, Flint, Michigan. All have reached the 100% status. Thanks to you all. Kate.

SAVE STAMPS FOR FOOD

TO ALL MIDWEST FEDERATION MINERAL COLLECTORS:

As an added aid to the mineral collectors of our Federation, we have prepared a list of persons qualified by training and experience to identify, or help to identify, minerals. This list was obtained by writing to the Chairman of the Earth Science or Geology Departments of a number of midwestern universities.

The following quotations taken from the above-mentioned letter explains the purpose of this list.

".....The primary purpose of this committee (nomenclature) is to help club members to properly identify or name their rock or mineral specimens.

"With so many amateur mineralogists or rock-hounds trying to give names to their discoveries, this is becoming a serious problem. We feel that only a professional mineralogist is properly qualified for this.

"In most clubs there are at least one or two who can do fairly well in identifying the more common specimens. It is with the more rare or uncommon materials that we need help.

"It is our hope that we shall be able to list at least two mineralogists in each midwest state who would be willing to help club members of their state in identifying their specimens...."

A few have not yet answered our request, and some have turned it down, but the great majority expressed an interest and willingness to help. One or two stated they were willing to help as far as the policies of their institutions, time and equipment would permit.

Any club member planning to send a specimen to one of the persons on the list should first be sure he has exhausted all local sources of help, then refer to the person listed for his own state for help. A self-addressed, stamped envelope should be enclosed with the request. This letter should accompany, if possible, the specimen being sent. Specimens should be large enough to make identification easier (send more than one specimen if possible). No request should be made

for the return of the specimen. A brief but accurate description of the source, location, and other pertinent data should accompany the specimen or be included in the letter. No request should be made concerning the monetary value of the material. And finally, be sure to give the name of your club. In other words, this is to be strictly identification only, with no returns, all costs to be born by the sender and planned for Federation members only.

With this understanding, the following have graciously agreed to accept requests and to give whatever help they could:

Indiana

Harlan H. Roepke
Professor of Geology
Ball State University
Muncie, Indiana 47306

Iowa

Dr. Donald L. Biggs
Associate Professor
Department of Earth Science
53 Science Building
Iowa State University
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Kansas

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Head of Department of Geology
Kansas State University
Manhattan, Kansas 66502

Professor Riseman
Department of Geology
Kansas State University
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Dr. Vian
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Dr. Elliot Gillerman
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Mr. George Hanson
Wisconsin Geological Survey
Madison, Wisconsin

Dr. Robert M. Gates
Chairman - Department of Geology
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University of Wisconsin
Madison, Wisconsin 53706

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Prepared by
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Nomenclature Chairman Midwest Federation
3421 S.W. 14th, Des Moines, Iowa

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Phyllis Parks, Editor
2435 South 19th St.
Lincoln, Nebraska 68502



TO

Mr. & Mrs. Maurice Tracy
3601 South St.
Lincoln, Nebr. 68506



CENTENNIAL ROCKRAMA

PERSHING

AUDITORIUM

LINCOLN

NEBRASKA

SEPTEMBER

22, 23, 24-1967