

THE PICK & SHOVEL



November

1981

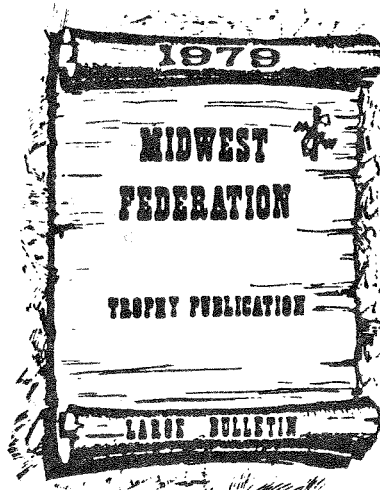
highlights

*in
this issue...*

"Once Upon A Silent Auction"

"A Weekend Into Antiquity"

"Bertrand - The Lost Steamboat"



OFFICIAL PUBLICATION OF

Lincoln Gem and Mineral Club, Inc.

P. O. Box 5342

Lincoln, Nebraska 68505

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

The purpose of this corporation shall be to study, promote an interest in, and disseminate knowledge of lapidary and various earth sciences including but not necessarily limited to geology, paleontology, and mineralogy. It shall be a particular purpose of the corporation to provide education in these fields to its members and the general public, particularly youth and student groups.

MEMBER: American Federation of Mineralogical Societies (AFMS)
Midwest Federation of Mineralogical and Geological Societies (MWF)
Nebraska Association of Earth Science Clubs, Inc. (NAOESCI)
Nebraska Academy of Sciences (NAS)
Community Arts Council of Lincoln (CAC)

Regular Meetings: 4th Saturday of the month, September thru May; 7:30 P.M.
At Nebraska Center, 33rd & Holdrege

1981 ELECTED OFFICERS:

President.....Roger Pabian	315 'D' St.	Lincoln, 68502	474-2034
1st Vice Pres...Irl Everett	2945 N. 65th St.	Lincoln, 68507	466-6204
2nd Vice Pres...Howard Taylor, Jr.	910 New Hampshire	Lincoln, 68508	476-3707
Secretary.....Nelda Oliver	5700 Otoe	Lincoln, 68506	489-5222
Treasurer.....Phyllis Parks	2435 S. 19th St.	Lincoln, 68502	476-6798
Board Member....Ray Lambert	1201 N. 79th St.	Lincoln, 68505	464-8552
Board Member....Virginia Green	6120 The Knolls	Lincoln, 68512	423-5032
Board Member....Lois Everett	2945 N. 65th St.	Lincoln, 68507	466-6204
Board Member....Florence Boring	2836 S. 40th St.	Lincoln, 68506	488-6243

Nominating Committee--3 years: Marie Taylor, Jim Parks
2 years: Bob Walker, Irl Everett
1 year: Wilfrid Wittman, Edwin Johnson

STANDING COMMITTEE CHAIRPEOPLE:

Programs.....Howard Taylor	1981 Show.....Howard J. Taylor, Jr.
Education.....Ray Lambert	Liaison/Calling.....Marie Taylor
Hospitality.....Bob & Mary Walker	Refreshments/Party....Marj Heedick
Historian.....John & Lillie Lewis	Scholarships.....Howard Taylor
Librarian.....Jim Parks	Outside Displays.....Frank Rule
Membership.....Mary Lambert	Housing/Property.....Bruce Simon
Field Trips/Safety..Walt McCoy	Publications.....Glen & Flossie Litzenberg
Sunshine Corner....Susan Taylor	Junior Activities....Mary Walker
NAOESCI Reporter....Vera Lyman	Auditing Comm.1980....Howard Taylor, Vera Lyman, Florence Boring

LONG RANGE PLANNING AND BY LAWS COMMITTEE:

1 year-Nelda Oliver, John Harrison
2 years-Jim Parks, Phyllis Parks
3 years-Howard Taylor, Marie Taylor

PICK & SHOVEL STAFF:

Chairman: Glen Litzenberg

Editor.....Vera Lyman, 420 N. 56th St. Lincoln, NE 68504
Club News.....Helena Baegl
Sunshine.....Susan Taylor
Circulation...Glen & Flossie Litzenberg

DEADLINE: 1st of Month of Issue. Original articles may be reprinted if credit is given the author and THE PICK & SHOVEL and a copy of the publication is sent to the Editor.

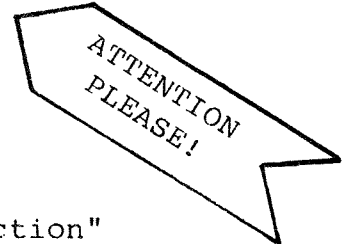
NOVEMBER

General Meeting: Saturday, November 21, 1981 7:30 P.M.
Nebr. Center for Continuing Education
33rd & Holdrege Lincoln, NE
Norfolk Room



Parking available north of building

Regular business meeting beginning at 7:30 P.M. with a Silent Auction.



Please note "Once Upon A Silent Auction" in this bulletin.

This is election month. PLAN TO ATTEND.

Board Meeting: Thursday, December 3, 1981 7:30 P.M.
5700 Otoe (Nelda Oliver home)

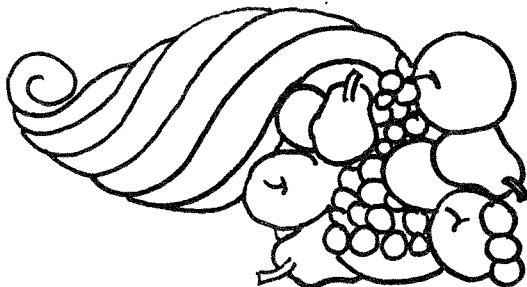
Jr. Activities Meeting:
Friday, November 20, 1981 7:00 - 8:00 P.M.
822 LaBrea Av. - Walker home

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ANNUAL CLUB SHOW: Lincoln Gem & Mineral Club
March 27 & 28, 1982
Agricultural Hall, State Fairgrounds
Lincoln, Nebraska

* * * * *

CHRISTMAS PARTY: Saturday, December 12, 1981 6:30 P.M.
Nebraska Center
COST: \$ 5.35 + tax (\$ 5.56) each



HAPPY THANKSGIVING

HISTORY - "Ten and Twenty Years Ago"



November 1971 . . There was a meeting called by Irl Everett, 1974 National Show Director, for all the Committees and all the LG&MC members to advise them on the '74 Show.

Regular Meeting was presented. Delmar Motycka of the State Highway Dept. showed slides and his mineral collection he had gotten while on a trip to Bolivia.

November 1961 . . We moved again- this time to Roberts Dairy Party Room, 20th & N St. This was considered the "Ultimate in Meeting Places" by Dr. Des Gibson. Program was a Rap Session on the "do's and don'ts" of the Show in October.

* * * * *

GREETINGS FROM THE SUNSHINE CORNER:

A year is . . .
the sparkle of snowflakes,
the sweet melody of robins,
the fragrance of roses,
and the gold and ruby
of fallen leaves.



A year is three hundred sixty-five days of beauty . . .
Three hundred sixty-five reasons for joy.

- - Tina Hacker

I have no illnesses to report for this past month. If anyone hears of any illness of a club member, be sure to let me know.

- Suze Sunshine

ALWAYS, AND FOR EVERYTHING, LET US BE THANKFUL!

THE PRESIDENT'S MESSAGE

The November meeting has been moved up one week to November 21st to accommodate the Thanksgiving Holiday. I would like to stress the importance of this meeting because election of the 1982 officers of Lincoln Gem and Mineral Club will take place. This is the members opportunity to determine the course the club will take for the next year.

In addition to the elections of officers, there will be a silent auction of gem and mineral materials. The proceeds will be set aside for the scholarship fund. I urge each and every one of the members to bring at least one specimen or piece of rough material for this worthy cause.

The November meeting will also be "Identification Night." This will be set up as follows. Members and guests may bring materials that they are unable to identify to the meeting. After the business part of the meeting, and during the silent auction, several members who have skill and expertise in several areas will be available to help you identify your materials.

We will have all of the necessary equipment for identifying cut as well as rough stones. There will be a microscope with bright and dark field illumination, a refractometer, a polariscope, a set of specific gravity oils, a dichroscope, and all of the other test equipment necessary to identify cut (faceted) gems. This should be a good opportunity for members to become familiar with gem testing equipment and how it is used.

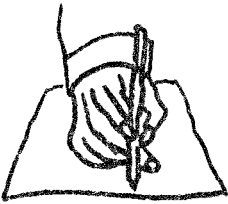
During the identification procedure, each person will be allowed to have two items identified at a time. In order that each member or guest will get a fair shake, the person having two items named must go to the end of the line. My experience has shown this system works most rapidly and fairly.

Identifications will be made solely for the purpose of informing the person with the material to be identified, and none of the identifications will be made for commercial, appraisal, or insurance purposes.

If you have any material to be identified, fossil, mineral, gem, or rock-related, bring it to the November meeting for identification.

By all means, show up for the election.

Roger Pabian
President



From the Editor

Time certainly does fly by; this year is nearly to an end. Since this is the month in which all of America celebrates Thanksgiving, it is very proper for every one of us to take the time to reflect on all the things which each of us have to be thankful for during the past year and in looking forward to the future.

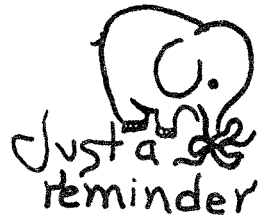
It has been one whole year that I have had the privilege to be Editor for the Pick and Shovel, and for this I am thankful. I hope you can see improvement since my first issue and will continue to grant me this privilege and help me in this endeavor.

Sincerest Thanks, for 1981.
Your Editor, Vera

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DUES ARE DUE for 1982
Due January 1, 1982
Delinquent January 31, 1982

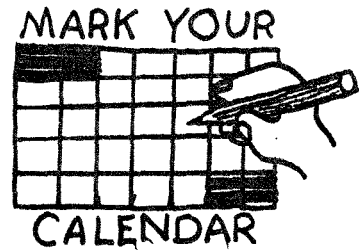
Adults - \$ 5.00 (age 16 & over)
Junior - \$ 1.00 (age 12-16)
Family - \$ 11.00 (Husband, wife and all children under 16 - permanent residents of household)



* * * * *

CHRISTMAS PARTY _____ December 12, 6:30 P.M. NEBR. CENTER

- Menu: Relish Plate
- Jello Salad
- Ham
- Potatoes
- Green Beans
- Rolls
- Apple Pie
- Drink - Coffee, Tea, Milk



You must pay for Christmas Dinners by December 1, 1981
\$ 5.35 + tax (\$5.56) per person

Checks may be mailed to Treasurer or paid at November Meeting. Receipt will be ticket to dinner.

* * * * *



LINCOLN GEL & MINERAL CLUB INC.
Board of Directors
October 1, 1981

The Board of Directors meeting was called to order by President Rober Pabian with 7 Board Members present and Vera Lyman, Glen & Flossie Litzenberg, at 7:30 P.M. at 5700 Otoe Street.

Minutes were read and approved as read. Treasurer's report was read. A motion by Ray Lambert and seconded by Jim Taylor to approve as read.

Bills were read. A motion by Florence Boring and seconded by Ray Lambert to pay bills as read.

There was no old business.

NEW BUSINESS:

There needs to be a long range Planning Committee called. Show Chairperson Vera Lyman will have her first meeting next week. She has some people lined up for some of the jobs. Some people have turned her down. Roger Pabian is on Publicity.

Hastings got the State Show.
Program will have one by John Abel on Limestone Mining.

Ray Lambert was asked to report on the Colorado show in the November Bulletin.

Mr. Whitman had a massive stroke and is in Bryan Hospital.

The November Board Meeting is the 5th of November at Glen & Flossie Litzenberg's home.

A motion by Ray Lambert seconded by Virginia Green to adjourn the meeting.

Nelda Oliver, Secretary

Lincoln Gem and Mineral Club, Inc.

P. O. Box 5342

Lincoln, Nebraska 68505



FROM: Roger K. Pabian, President
TO: All Members, Directors & Agents
SUBJECT: Chain Letters

Lincoln Gem and Mineral Club has been the recipient of an illegal chain letter that originated in the San Francisco, California area. Although the letter claims to be not illegal, contact with U.S. Postal authorities has indicated to me that such letters are illegal.

The letter suggests that one can reap \$ 8,000 in 10 days for a loan of \$ 1.00. Such letters rarely reap rewards except for the perpetrator of the fraud.

The letter appears to be designed for club groups and club members. Should you receive such a letter, please forward it and the envelope in which it came to:

* United States Post Office,
Postal Inspectors
P.O. Box 1537
Downtown Station
Omaha, NE 68101

By executive privilege, I hereby forbid the use of Lincoln Gem and Mineral Club stationery or the use of the Lincoln Gem and Mineral Club Post Office box by any director, member, or authorized agent for the purpose of responding to chain letters of any form.

Roger K, Pabian
President

* Exchange bulletin readers should contact post office officials within their home state.

"Once Upon A Silent Auction"

Somewhere at our Silent Auction
I seemed to've lost reserve and caution,
Wrote my name on all the bid sheets,
Went back again for many repeats,
Attacked old ladies with my pen
When I was outbid again,
Walked over babies, knocked down kids
While trying to protect my bids.

I hovered over a trilobite
That would have, if it could have, taken flight.
I sighed as I fondled a jasper ring,
Wondering how much it would bring.
As I raised the bid another dollar
I could hear a nearby lady holler,
"I'm going to catch that nutty red head
And fill her pockets with a ton of lead".

So I hurried on to the next table
Where I paused to read every label
And then heard the last two tables called
As I stood there, so enthralled,
You can just imagine my chargin
When I learned I'd bought what I brought in.

By Cindi Probst via Pick & Dopstick

So our new members will know a little about our silent auction.

The Silent Auction is held once each year for the benefit of scholarships, this one for the A.F.M.S. Scholarship.

It is important that we, as members both old and new, do our best to support the auction with our donations.

Donated items consist of cutting materials, specimens both large and small, jewelry and findings, minerals, fossils, slabs or any other rock related items.

Remember this is a fund raising project with all proceeds going to scholarship funds.

This Auction is a good way for beginners in our hobby to start or add to a collection.

The last three people to receive scholarships from the American Scholarship Foundation are all enrolled at the University of Nebraska.

Carl Swisher III
Miss Carol Harlem
Dennis Low

- Howard Taylor, Sr.
Scholarship Chairman

A WEEKEND INTO ANTIQUITY

The end of September in Colorado brings forth two phenomena about which this article is being written. These adventures into the past and the present caused the Lambert family to saddle up and head off into the sunset over the last weekend of September.

The first stop was a visit to the "Loveland Stone Age Fair". I can hear you saying, "The what?" I must admit, this is not a household word.

The "Loveland Stone Age Fair" is a project of the Loveland Chapter of the Colorado Archaeological Society. Their mission is to enlighten and educate the public about the cultures of the first Americans. This endeavor began in a small schoolhouse at Cornish, Colorado in July 1934. The yearly meeting of amateur archaeologists moved to Loveland, Colorado in 1940. It continued until 1942. World War II caused its interruption until 1946. On November 18, 1946, the Loveland Chapter of the Colorado Archaeological Society was organized and took over this activity. With the continued sponsorship of the City of Loveland and the Loveland Chamber of Commerce, "The Stone Age Fair" has continued through 37 family-like exhibitions.

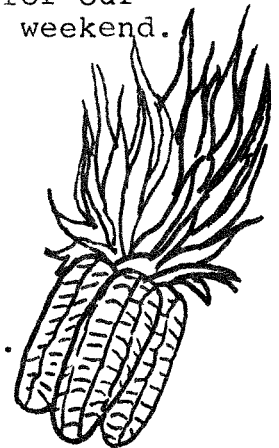
This endeavor is a non-profit exhibition supported by the collection of a free will offering and the selling of raffle tickets for a door prize. The items shown are collections of tools, artistry and items of religious significance which helped maintain the lives of the first Americans. All items are from private collections. Trading and selling are prohibited. Actual working exhibits of manufacturing technology are also presented. If you wish to see some fine examples of prehistoric stone technology, I would strongly recommend this show if you are in the area.

The other phenomena mentioned in the introductory paragraph, is one of nature's most famous. I refer to the changing of the color of the Aspen trees in the high mountain country. This is an added bonus, which produced a most pleasant outing for our family. The combination - created a terrific get-away weekend.

- By Ray Lambert

* * * * *

Oh Beautiful, For spacious skies,
For amber waves of grain,
For purple mountains' majesty
Above the fruited plains.
America, America, God shed his grace on Thee.
And crown thy good with brotherhood,
From sea to shining sea.



All the things for which we, as Americans, have to be thankful for are endless! Why don't we all "just take a moment"!

SHOW COMMITTEE REPORT

A Show Committee meeting was held at my home on Monday, November 2, 1981.

There was an excellent turn-out of chairpersons so a great deal was accomplished.

These are the following divisions of the Show Committee and their respective chairpersons:

- Floor-----Glenn Lyman
- Dealers-----Howard Taylor
- Publicity-----Roger Pabian
- Ribbons/Recognition---Marie & Susan Taylor
- Tickets-----Bev & Paul Rueter
- Breakfast-----Lois Everett
- Programs-----John Abel
- Silent Auction-----Joyce & Richard Haney
Carolyn & Donald Rose
- Working Shop-----Frank Rule
- First Aid-----Virginia Green
- Refreshments-----Marge Heedick
- Special Features-----

The Show Budget was discussed, and also the aspects of each division. These people are already working hard to make this another success. If you are asked by any of these people for assistance, please - - -



THANK YOU!

Vera Lyman - Show Chairman
Jim Taylor - Co-Show Chairman

* * * * *

HINT

Mend That Crack - - The secret of healing fractures in a cab with epoxy is to shape your stone and semi-polish it. To get rid of that nasty crack, heat the stone to 200 degrees in an oven. Mix the epoxy and apply it to the edge of the crack. Gradually apply the epoxy, working from one end to the other. This is very important. you will notice that the epoxy becomes very liquid when it touches the hot stone, and it flows right into the crack. By applying the epoxy at one end and working towards the outside edge of the cab, the air is driven out. Put the stone back in the oven for about twenty minutes. The epoxy will harden. Scrape off the surplus, and give the cab a final polish. If done right, the crack will be difficult to detect.

- via Chips & Tips
& The Southwest Gem

BERTRAND - - the lost steamboat, April 1, 1865

If you have not heard of the Bertrand and its legendary fabulous sunken cargo, you are not alone. You may know about it but have not visited the site, in the DeSoto National Wildlife Refuge, across the Missouri River from Blair, Nebraska. In less than two hours of safe-speed driving from Lincoln one can enter what is now believed to be in the top class of its kind of the nation's attractions.

The new multi-million dollar visitor center at the Refuge houses the recovered sunken Bertrand's cargo memorabilia, superbly displayed for viewing. It is about 25 miles north of Omaha and is easily reached from Blair, or westward from Missouri Valley, Iowa, on Highway #30.

The Missouri River steamboat Bertrand bound for Ft. Benton, Montana Territory, struck a snag and quickly sank April 1, 1865 with almost total loss of valuable cargo, but no recorded loss of life. This was near DeSoto Bend which is now part of a National Wildlife Refuge, popular with birds, fish and land animals, and people. The 161 ft. X 32 ft. stern wheeler carried a cargo of thousands of items consigned to the new settlements in Montana. There were tools, farm and ranch machinery, household goods, foodstuffs, clothing, guns, ammunition, mining equipment and supplies, etc.

Two items most publicized through the more than 100 years of burial in the river mud of the former channel were legendary; several thousand pounds of mercury and scores of barrels of whiskey. The mercury was for use in recovery of gold from ore, and the whiskey was to lubricate the "wheels of frontier trade", or to treat snake-bitten victims! The fickle Missouri had often changed its course over the years.

The sunken boat was lost to view until its discovery in 1968, and its exact location was not known. Jesse Pursell and Sam Corbino, with modern detecting equipment, found it and obtained government permission to salvage the cargo, for which they received a small share of the value. The costly and tedious salvage operation extended into 1969.

The procedure involved careful attention to details of scientific recovery, classification, labeling and storage of the hundreds of thousands of individual items removed. Much ordinarily perishable artifacts were remarkably well preserved for more than ten decades of time, protected by the unique type of sediment surrounding the materials. Decay or decomposition was greatly retarded.

The job was not for heedless, amateur treasure hunters. The salvage included something of almost every human need from baby rattles to Hostetter's stomach "bitters", the way the early settlers "spelled relief", embellished with alcohol. There were huge walking plows to break the prairie sod.

BERTRAND - - The lost steamboat, April 1, 1865 - continued

The old Big Muddy Missouri River was said to be "too thick to navigate and too thin to cultivate". Now, several dams in the Dakotas and Montana act as settling basins which have reduced the mud, stabilized the flow, and lessened the tendency to change course. These provide havens for wildlife and water sports. The settling basin feature has its seamier side though - the lakes of impounded water tend to "silt up", later posing difficult problems for engineers to solve. Future boat wrecks may be less preserved for coming generations to salvage; mercury, Hostetter's Bitters and other commodities may be lost forever.

The new visitor Center at the DeSoto Sanctuary is unbelievable in its charm and extent. I cannot clearly describe it, but I hope readers may be interested enough to make the trip to see this remarkable attraction, if not yet this autumn, at least by next spring. You may see the enormous influx of migrating birds at the Refuge. In the unique Visitor Center are thousands of expertly displayed artifacts from the salvaged Bertrand, all cleaned and labeled. The building is so designed that wildlife viewing may be partially observed from indoors.

There are scheduled escorted tours and instructive auditorium presentations. Visitors of all ages and from widely scattered places arrive by bus or private transportation. Parking is easy and accessible, and there is no admission charge to park or to visit the interior of the magnificent new center.

The site of the Bertrand is a short distance from the parking area, where most of the hulk still rests where it sank over 100 years ago. The sediment and ground water were pumped out during the salvage operations, and later allowed to flow back into the excavation pit. Florence Boring, Myrtle and I visited the Center October 16th, and that point was temporarily closed, but was to open the next day.

The Visitor Center is open daily, 9:00 A.M. to 4:30 P.M., except Thanksgiving, Christmas, and New Year's Day. Fishing, picnicing and hiking close September 30th. Bird migration usually peaks in mid-November. Take our word for it, these are great attractions, and they are free!

- submitted by J. D. Young

P.S. Detailed information available at Visitor Center or by writing Refuge Manager, DeSoto National Wildlife Refuge, RR-1, Box 114, Missouri Valley, Iowa 51555

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YOU MUST SPEAK UP TO BE HEARD, BUT YOU HAVE TO SHUT UP TO BE APPRECIATED.

PUBLIC RELATIONS

June Culp Zeitner, Chairman
AFMS Public Relations Committee

It is vital to the growth of every club and every Federation to have good Public Relations and a positive Public Image. We know who and what we are and we are proud of our accomplishments, but in order to continue our progress, the community and the general public should also know about us. Our image should project vitality, education, public spiritedness, cooperation, concern, generosity, enthusiasm and involvement. To ask clubs to promote better Public Relations and Public Image is like the old Biblical injunction about not hiding your light.

The following clubs have become well known in their area and in their Federations by sharing their programs and accomplishments with all, by means of excellent communications. These clubs have good publicity, fine programs, multiple activities, and have become far more influential than their size or location would indicate.

The clubs have been recommended by Federation officers or members of the Public Relations Committee. The order of the list does not have any particular significance. The star for the Tucson is to remind each club that truly superior Public Relations is an achievable goal!

AFMS PUBLIC RELATIONS HONOR ROLL - 1981

1. ARK-LA-TEX GEM AND MINERAL SOCIETY - SHREVEPORT, LOUISIANA
 2. GEM CUTTERS GUILD OF BALTIMORE - MARYLAND
 3. ROCHESTER ACADEMY OF SCIENCE - MINERAL SECTION - ROCHESTER, NY
 4. MICROMINERALOGISTS OF THE NATIONAL CAPITOL
 5. LINCOLN GEM AND MINERAL CLUB - NEBRASKA
 6. FLINT ROCK AND GEM CLUB - MICHIGAN
 7. MICHIGAN GEOLOGY AND GEMCRAFT SOCIETY
 8. ROEHM GEOLOGY CLUB - OHIO
 9. PICTURE CITY GEM AND MINERAL SOCIETY - HOT SPRINGS, SOUTH DAK.
 10. TUCSON GEM AND MINERAL SOCIETY - ARIZONA *
 11. COLUMBIA ROCK AND GEM CLUB - ST. HELENS, OREGON
 12. MAGIC VALLEY GEM CLUB - TWIN FALLS, IDAHO
 13. MINERAL AND GEM CLUB OF CASTRO VALLEY, CALIFORNIA
 14. SAN DIEGO MINERAL AND GEM SOCIETY - CALIFORNIA
 15. FOSSILS FOR FUN SOCIETY - SACRAMENTO, CALIFORNIA
- * * * * *

MICHIANA CLUB GETS 1986 SHOW

The bid of the Michiana Rock and Gem Club of South Bend, Indiana, for the American Federation Convention and Show for 1986, was unanimously accepted at the Midwest Council meeting at Notre Dame University - July 25.

- via AFMS NEWSLETTER
October 1981

Best Wishes to the Michiana Club for great success for 1986 Show from all of us in Lincoln Gem and Mineral Club.

THANKSGIVING PRAYER

Lord God Almighty, at this time of national Thanksgiving we, the American people, unite in gratitude for the manifold blessing You have conferred upon us as a nation.

As You guided the founders of our country in the long ago, so guide us now. We need Your help as they did.

We humbly pray for a continuation of the peace we currently enjoy, for a prosperity that will include all our people and for a deepening of the fraternal spirit of brotherhood among us.

Grant Oh Lord that we may gratefully venerate and protect the wonderful land You have given us.

We lift up our hearts to the noble hills and snowcapped mountains and give thanks for the fertility of the vast areas where the wind caresses waving grain, for the cattle on a thousand hills and all other evidences of Your abundant goodness.

In these United States of America, the land of opportunity, men and women from every race, which You have created, are gathered together and they all name You as their God and Father. We give grateful thanks for the unity we have developed in diversity - Americans all, united in faith and in love of country.

On this Thanksgiving Day we pray that You will preserve the United States of America forever and ever.

AMEN

By Dr. Norman Vincent Peale

* * * * *

A PRAYER FOR ROCKHOUNDS AT THANKSGIVING

Dear Lord, we thank Thee for the blessings Thou hast bestowed upon us.

For the earth, the rocks, and the minerals, and the beauty of Thy work that is displayed to us in them.

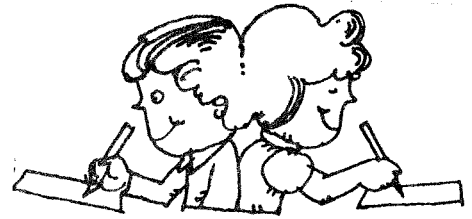
Grant that we may continue to find a closer association with Thee and a better understanding of the wonders Thou hast created through our study of the work of Thy hands.

Amen.

- via The Template
Nov. 1977

HI JUNIORS:

This is the month for Thanksgiving, as all of you know. I hope each of you has a pleasant day with your family and that you remember to take the time to recall just a few of the things you should be thankful for.



A neat and fun game is to take the word "THANKSGIVING", and using each letter, write down one thing beginning with that letter for which you are thankful.

Example: First letter "T" - I am thankful for TIME to play.

"H" - I am thankful for my HANDS.

See what different things your family comes up with.

* * * * *

Here's also a puzzle for you to work.

FIND THE "LAP" LANGUAGE:

F R A C T U R E T S U L 34 lapidary terms are written upside down, backwards, sideways, diagonally, and sometimes right side up....

O T L E F S L A B Y G A

C A B O C H O N C N R P

L A T S Y R C N I O I I How many can you find?

G R A M Y I Z Z S A N D Alloy Grit

T R I M X Y R E M O D A Arbor Lapidary

R O I L O G A N I G O R Bezel Luster

O R E T P C T J E B E Y Cabochon Oil

L S A W E O Y O L L A P Carat Ore

O H R W A X D E B S E E Carve Pebble

C R B A L E Z M L V S B Chatoyancy Rock

A O O T M E U A R O H B Color Sand

G C R E B T B A Q I O L Crystal Saw

R K G R F A C E T T W E Dop Show

Epoxy Slab

Facet Trim

Felt Tumble

Fracture Water

Gem Wax

Geode

Grain

Gram

Grind

- Via The Polished Slab & via Breccia Jan. 1981

Midwest Federations NEWSLETTER

Published monthly except July and August as a service to member clubs. All news and articles should be sent to the Editor, Mrs. BETTE SmNh, 10807 Mary Ann, Zeeland, MI 49464. All subscription orders should be sent to Parrot Printing Service, 2125 Forest Ave., Des Moines, IA 50311.

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Fountain City, WI 54629



NOVEMBER 1981 - Issue No. 218

MESSAGE FROM YOUR MWF PRESIDENT

It is the beginning of a new club season, as well as a new administration for the Midwest Federation. As the newly elected President, I wish to thank you for your support for last year. It wasn't an easy task to fill the vacancy left by the passing of MILFORD SHARP.

As with all new beginnings, this year is shaping up to be an exciting one. I would like to introduce you to your new administration.

DIANE DARE, a resident of Evansville, Indiana, is your new First Vice-President.

REX WEBB, this former Minnesota State Director, comes to the Second Vice-Presidency.

JEAN REYNOLDS remains the Midwest Federation Secretary. JEAN has held this position for a number of years.

BILL PARCH continues as Midwest Federation treasurer.

While I'm on introductions, I would like to introduce two new committee chairmen.

Minnesota State Director PAUL BOUDREAU, 400 Woodland Drive, Burnsville, MN 55337. PAUL comes to the Executive committee through the recommendation of REX WEBB.

Micromounts Committee Chairman DAN BEHNKE, 2981 Landwehr Rd., Northbrook, IL 60062. DAN will be taking on the duties of STEVE TARCZA who spent the last eight years as the very capable Micromounts Chairman.

It was a pleasure to meet and talk to a great number of our club delegates at our convention held in South Bend, Indiana. It was an exciting time for all of us. MR. JAMES RUSSELL went out of his way to provide us with the outstanding meeting facilities.

Your Midwest Federation Executive Committee will be meeting in Evansville, Indiana, November 7 to conduct the business of the Federation. These working sessions help to plan the direction of the MWF in the coming year.

LARRY NAWOJSKI, MWF President

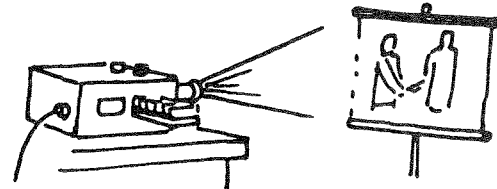
safety

SAFETY RULES FOR CLUB SHOWS

As guidelines for the clubs promoting shows, I have drawn up the following:

1. Good housekeeping...floors should be swept clean.
2. A doctor and nurse and first aid attendants should be available at all times.
3. A clean cot with blanket and a First Aid area should be maintained.
4. Personnel with CPR training should be available.
5. Ambulance, doctor and hospital phone numbers should be easily accessible.
6. The Safety Committee of the sponsoring Club should be alert to safety hazards...and the Safety Committee must have the authority to enforce safety at the show.
7. The Safety Committee should wear Safety identification armbands.

HELEN R. NEUMANN, Safety & Field Trip Chairman



PROGRAM REQUESTS

This part of the Midwest Federation usually has the closest contact with local clubs - since this is one thing that can be used monthly. What are we? We have over 100 slide programs on all phases of subject matter pertaining to our hobby. The paleontologists in our membership have given us a wide range of programs from trilobites to Nebraska invertebrates. These authors are people who have made a dedicated study of their "hobby" and are enthusiastically willing to share with you. The ten programs on our list are authoritative and interesting.

There are at least fifteen programs on minerals of various kinds. Educational - yes - but to enjoy our hobby "we want to know!" There are many field trip programs showing many wonderful spots to rock hunt.

There are specialty "how to" programs, such as "Close Up Photography". What is a picture program doing on our list? How would you take pictures of your earthly treasures! Then there are others, wire-wrap, faceting, silver work, various phases of rock polishing.

All very nice, you say. How do we use these? First, your program chairman decides your chain of study. Look over our list and see what fits your needs. Then write to the address shown. Try to give us a minimum of thirty days. Many chairmen give us a list for a whole year and we work around orders on file to fill your desires. We do our best to get your program to you a week in advance so you can familiarize yourself with it.

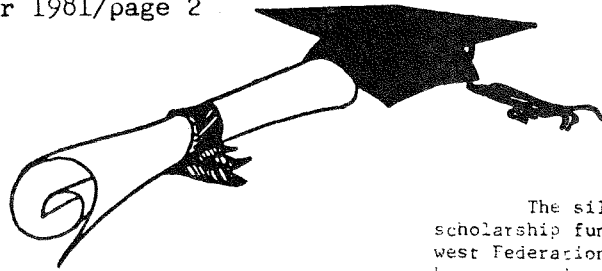
Again, TO ORDER: 1. Select your program. 2. Write to C. LOUISE STINNETT, 9462 Aspen Drive, Flat Rock, MI 48134. 3. Tell me program desired and date needed. 4. Include your name, address (phone if Box or Rte #), City and Zip code. 5. Always list alternate choice in case first choice is already on order. 6. Wait for confirmation. 7. Wait for delivery by U.P.S. We deliver this way because of convenience and speed. If not convenient, send back per U.S. Mail.

C. LOUISE STINNETT, MWF Film Library Chairman

DID YOU KNOW???

"By-Laws of the MWF of Mineralogical & Geological Societies: Article V, Section 9: LIAISON REPRESENTATIVE: Each member society may designate from among its members a Federation liaison representative who shall serve for an indefinite term. His duties shall be to receive reports and other communications from the Federation secretary and transmit them to officers of his society. He shall furnish promptly to the Federation secretary all changes in the officers of his society and other pertinent information."

DIANE DARE, 1st Vice-President MWF



SILENT AUCTION NETS \$2-21.50

SCHOLARSHIP AUCTION..

Congratulations to our Midwest Scholarship Auction Committee and thanks to all of the clubs that participated in the Scholarship Auction at South Bend, Indiana. A grand total of \$2421.50 was given to the Scholarship Fund from this auction. Following is a list of the clubs that participated and the amounts they have been credited with. Many of them advanced their status considerably. The clubs that did so are being notified.

ARKANSAS: Ozark Earth Science, \$24.00.

MISSOURI: Independence Gem & Mineral Society, \$16.25; McDonnell Douglas Gem & Mineral Club, \$39.75; St. Louis Mineral and Gem Club, \$1.50; Heart of America Geology, \$5.75.

WISCONSIN: Rock River Rockhounds, \$10.00; Driftless Area Gem & Mineral Club, \$23.15; Verona, Wisconsin Rock & Gem, \$4.25; Racine Geological Society, \$6.50; Neville Public Museum Geology Club, \$99.40; Wisconsin Earth Science Club, \$145.85; Coulee Rock Club, Inc., \$168.15.

OHIO: Licking County Rock & Mineral, \$4.75; Parma Lapidary Club, \$39.75; Fairview Park Lapidary Society, \$44.00; Miami Valley Mineral & Gem Club, \$63.95; Akron Mineral Society, \$8.35; Lapidary Park Lap. Society, \$0.50; Rolling Stones, \$4.50; Toledo Gem & Rockhound, \$154.45.

IOWA: Cedar Valley Rock & Mineral Society, \$158.40

INDIANA: Muncie Rock & Gem, \$25.50; Grant Geological Society, \$58.25; Evansville Lapidary, \$17.00; Indiana Rock & Gem Club, \$2.25; Oshkosh Earth Science, \$21.10; Three Rivers Gem & Mineral Society, \$9.50; Peru Rocks & Minerals Club, \$72.15; St. Joe Valley Rockhounds, \$22.75; Duneland Gem & Mineral, \$96.10; Michiana Rock & Gem, \$213.05; Calumet Gem & Mineral, \$65.50.

MICHIGAN: Central Michigan Lapidary & Mineral Society, \$5.00; Cass River Gem & Mineral, \$3.25; Bay de Noc Gem & Mineral, \$13.00; Petoskey Rock & Mineral, \$8.00; Grand Traverse Area Rock & Mineral Club, \$5.00; Livingston Gem & Mineral, \$5.00; Ishpeming Rock & Gem, \$3.00; Indian Mounds Rock & Mineral, \$2.25; Blossomland Gem & Mineral Society, \$3.25; Tulip City Gem & Mineral Club, \$114.00.

MINNESOTA: Austin Gem & Mineral, \$62.25; Anoka County Gem & Mineral, \$33.25; Richfield Mineral Club, Inc., \$47.00; Minnesota Mineral Club, \$11.00.

NEBRASKA: Lincoln Gem & Mineral, \$85.20.

ILLINOIS: Blackhawk Gem & Mineral, Rock Island, \$34.25; Chicago Lapidary, \$6.75; Elgin Rock & Mineral Society, \$11.50; Earth Science Club of Northern Illinois, \$37.30; Worthen Earth Searchers, \$21.60; Park Forest Earth Science, \$68.70; Geology Section, Peoria, \$28.75; Gem City Rock Club, \$111.85.

Rollin Rock Club, \$64.00

KENTUCKY: Capital City Gem & Mineral, \$7.00.

KATHARINE STEINBRENNER, MWF Scholarship Foundation,
Chairman

The silent auction for the American Federation scholarship fund held in South Bend, Indiana, at the Midwest Federation show and convention is now history and happy memories.

Approximately fifty clubs participated and the auction chair people were inundated with rock and/or rock oriented material. The majority of the material donated was good to excellent.

At the 1980 show in Lincoln, Nebraska, magazines did not go well tied in bundles of a given year. This year we chose to untie the bundles and offer them at 25 cents a copy (no auction). People came with long lists of various publications they wished to get to fill in their magazine library. It was necessary to keep one person (sometimes two) on selling magazines whenever the booth was open.

The total taken in at the auction was \$2421.50 and a check in this amount was turned in to Kate Steinbrenner.

NORMAN & ALICE BROWN, CHAIRPERSONS

BERNICE LUCIA REXIN

MRS. BERNICE LUCIA REXIN had as her motto, when President of the American Federation, "We Stand on the Shoulders of Giants". Now she is with the Giants! She passed away September 8, 1981, after a long illness. Her husband, ELMER, preceded her in death on July 13, 1981.

BERNICE served as secretary to the Midwest Federation for many years preceding her election as president in 1962. In 1967 she was elected president of the American Federation.

When the REXINS retired to Mountain Home, Arkansas in 1969, they both became active in the Ozark Earth Science Club. In 1970 BERNICE was co-editor of the O.E.S.C. News, and in 1971 she was elected president.

SCHOLARSHIP REPORT

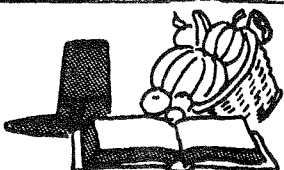
Since the Midwest Council Meeting in South Bend, Indiana, thirteen Midwest Clubs have contributed over \$760 to the Scholarship Fund.

Because of these generous gifts the following ten clubs have advanced their Scholarship Status as follows:

Peru Rocks & Minerals Club	3500%
Ashtabula County Rock & Gem Club	1000%
Madison County Rockhounds	1000%
Minnowa Rock & Gem Club	1900% - 2600%
Illinois Valley Gem & Mineral Society	300%
Anoka County Gem & Mineral Club	100%
Missouri Valley Gem & Mineral Society	500%
Calumet Gem & Mineral Society	1200% - 1400%
Earth Science Club of Northern Missouri	2200%
Dayton Gem & Mineral Club	1000%

Our sincere appreciation to all of our Midwest Clubs for their loyal support of the American Federation Scholarship Foundation.

KATHARINE STEINBRENNER, Chairman Midwest Scholarship Foundation



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Read your bulletin to spot *new materials* or *specials* of the above advertisers.

Advertising by a rock-hobby business or interest is permitted with approval of the Board, at a rate now set at \$10.50 per full page per insertion, paid in advance. 1/2 page \$5.25, 1/3 page \$3.50, 1/4 page \$2.75 (min). These ads will be placed throughout the bulletin as space permits.

Subscriptions to THE PICK & SHOVEL are \$3.00 per year mailed.

Dues to LINCOLN GEM & MINERAL CLUB are as follows:

Adult membership fee \$5.00 (age 16 and over)

Junior membership fee \$1.00 (age 12-16)

Family membership fee \$11.00 (husband, wife and all children under 16 - permanent residents of household)

New membership must be approved by the Board, after applicant attends at least one (1) regular meeting of the club, and pay the above dues plus \$1.00 registration fee.

PLEASE WATCH CAREFULLY

There may be a change of date for our November Meeting!
Be sure and check the Calendar Page, in this, the November
issue of the Pick & Shovel.

DON'T FORGET . . . It is also the meeting when we have our
annual election. It's very important that we all, as members
of this club, show enough interest to attend the meetings and
cast our ballots.

WISHING YOU ALL A VERY HAPPY THANKSGIVING!

Lincoln Gem & Mineral Club
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Lincoln, Nebraska 68505



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