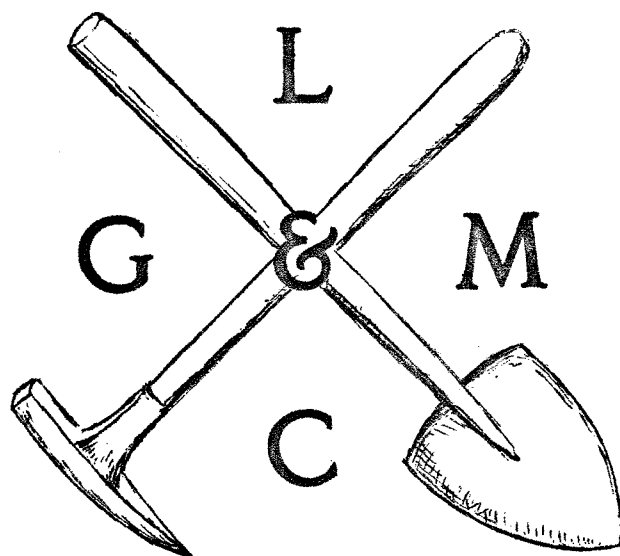


# THE PICK & SHOVEL



SFP - - 1974

OFFICIAL PUBLICATION OF

LINCOLN GEM & MINERAL CLUB

HOST OF COMBINED

MWF-AFMS NATIONAL SHOW AND CONVENTION  
AND NEBRASKA STATE SHOW

JUNE 13-16, 1974  
LINCOLN, NEBRASKA

C A L E N D A R

Regular Meeting--Sat., Sept. 28, 1974; 7:30 p.m. WOW Bldg.  
734 S. 27th St.



Program-----The program will be presented by Dr. Lloyd Tanner, Coordinator of Systematic Collections for the University of Nebraska, who is better known by his fans as the man who can look at any fossil bone and tell you what part of what animal it was, and how long ago.

Rock Feature-----Please bring your favorite finds of the summer--rocks, fossils, artifacts, or whatever--to be admired while we are having coffee. You will certainly all want to see the gorgeous Fairburn found by Pebble Pup Lee Pivonka, on the President's Field Trip.

Refreshments-----Will be served by the Refreshment Committee.

Business-----Nominating Committee for the 1975 Board of Directors to be elected. Be sure to come and take part in this very important Club activity.

Board of Directors Meeting- - - -Oct. 3, 1974, 7:30 p.m., 3909 Pace Blvd.

DATES TO REMEMBER

- Sept. 20-22, 1974 Kimball, NE-Plains Rock and Mineral Club Show, 4-H Bldg.
- Oct. 5-6, 1974 Topeka, KS-Topeka Gem and Mineral Soc. Show-Exhibition Hall, Fair Grounds
- Oct. 5-6, 1974 Sioux City, IA-Siouxland Gem and Min Soc. Show, Municipal Auditorium
- Oct. 11-13, 1974 Detroit, MI-Greater Detroit International Show, Light Guard Armory, East Eight Mile Road
- Oct. 12-13, 1974 Winner, SD- 4 Club Gem and Min Show, 4-H Fair Grounds, South County Road
- Oct. 25-27, 1974 St. Anne, MO-McDonnell Douglas Gem and Min Show, Northwest Plaza Auditorium, Lindberg and St. Charles Road
- Oct. 26-27, 1974 Manhattan, KS-Manhattan Gem and Fossil Show, Pattorf Hall, Cico Park
- Nov. 2-3, 1974 Chanute, KS-Chanute Gem and Min Show, Central Park Pavilion, S. Forest Ave.



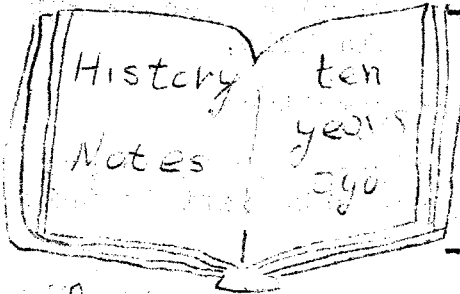
Don't forget to bring Betty Crocker coupons to the meeting. That nice little kitty, sculptured by Myrtle Young, needs to be well fed.

Remember that Betty Crocker coupons help worthy students.

Give a hoot! Don't pollute!

Please check bottom of page 9 for important message from Treasurer

LAST MONTH...August being vacation time, no regular meeting of the L.G.M.C. was held. However, two important Club activities took place-- the annual Swap and the President's Field Trip. Reports indicate that both of these events were very successful. Swapping is always fun as well as profitable to the swappers. A large, exquisite Fairburn was found in the Crawford area by Lee Pivonka, a Pebble Pup member. It is pink, as large as a fist, and so was a real find. It's encouraging to know that these lovely agates can still be found, and makes a person want to get out and hunt for them. Fortification agates seemed to be plentiful in Wyoming, and quite a few were collected on the President's Field Trip. We hope that they will be on display at the meeting so we can all enjoy seeing them.



Annual show - National Guard Armory  
170 cases. Door prizes, fishing hole, John Lewis' cab machine and revolving center display were some of the special features. It was suggested that these be used again.

VAJA CON DIOS - May God be with you

A card was sent to John Dugan  
(Wedding)

Item from "The Geode" (first place winner in MWF Bulletin contest  
"Three cheers for Marie J. Carveth and her "Upgrade the Rockhound"  
--she says such nice things about us."

From the Rapid City Journal, via "Points of Interest"

Two complete sets of mammoth bones were found by earth moving crews in the southern part of Hot Springs, South Dakota. One set was excavated and moved to Chadron State College. The other was covered again with hopes of making a permanent display at a future time.

In an article "Westward Ho!!" written by Rosemary Swartz for the September issue of "Calumet Gem" she states that the fish beds in Farson, Wyoming have been closed by the BLM.

An article in the Spring River Gem and Mineral Club News tells of a site on the Searcy Creek in a little valley north of the Missouri River which has been opened to the public by archaeologists for excavation. It is the dump of a rather obscure tribe of Indians known as Hopewell who inhabited the region 100 B.C. to 700 A.D. The public has been recruited to hasten the excavation because a highway is to be built in another year. The amateurs are supervised by Dr. Alfred Johnson, Professor of Anthropology at the University of Kansas, along with some of his students.

It is bad practice to use an old shelf from a refrigerator as a grid for broiling meat, as it may give off a poisonous substance. For holding pans, OK, for broiling, No!

--via The Piasa Gems

Board Minutes-----

President, Ralph Ulrich called the meeting to order with board members, Nelda Oliver, Howard Taylor, Frank Rule, Norma Miller, John Harrison, Jr. and Marie Wells.

Committee members: Marie Carveth, Frances Tracy, Florence Boring, Phyllis Parks.

1974 Show Committee: Bruce Simon, Irl Everett and Ray Grabher.

Meeting held Sept. 9, 1974, at State Federal meeting Room in Havelock.

Minutes of the July meeting were read and approved as read.

Treasurers report given by John Harrison, Jr. and approved as read. Motion by Howard Taylor to approve bills as read, seconded by Frank Rule. Motion carried.

A discussion on bills. Members are not getting bills, vouchers and statements to the treasurer. Latsch Bros. has been the biggest problem. Members are asked to send these to the treasurer as soon as possible.

Mr & Mrs Mulinix (Gerald & Roma) were approved to membership. Motion by Howard Taylor, seconded by Frank Rule to approve, as soon as dues are paid. Motion carried.

Marita Bigley not present to answer on the name badges that have been ordered, but not received.

A file cabinet for Evelyn Ulrich, Editor, has not been purchased. Frank Rule appointed to purchase a file cabinet.

A discussion on storage. A garage was rented for \$12.50 a month to store the '74 show cases in. Denver wants to purchase cases, but we must store them for awhile. No permanent storage for club property has been found. We have 92 knockdown show cases @ \$40.00 each and after more discussion it was decided to sell the clubs Whichita cases @ \$5.00 each. Motion by Howard Taylor we dispose of the Whichita cases @ \$5.00 each, club members first choice. Appendent to the motion to dispose of the saw horses, seconded by Frank Rule. Motion carried. Frank Rule to dispose of the saw horses and to put a notice in the Pick & Shovel, that cases are for sale to members at above prices.

A short discussion on field trips. No one is attending the organized field trips. To be brought before the members at General Meeting, Sept. 28., to see if we should have club organized trips.

Sept. program will be by Dr. Tanner of the U. of N., with slides of his diggings in Egypt. Bring samples of bones or fossils to the meeting. Slides of the '74 show will be shown at the Nov. meeting, by Tom & Frank Rule.

Howard Taylor gave a report on NAOESCI. 97 copies of NAOESCI bulletin are being mailed at this time. They are hoping for more subscriptions.

Marie Carveth asked for \$15.00 for Vaja Con Dios. Motion by Howard Taylor to allow, seconded by Frank Rule. Motion carried.

A discussion on the clubs bulletin. They are mailing about 260 copies a month. 140 are needed for membership and 200 are needed for mailing privileges. It was decided we would continue to exchange and not cut the mailing.

Frank Rule would like to see the younger people helping with some of the committee or board positions. They should be 16 years old.

Frances Tracy would like information on the '74 show, so she can get the historian file in order.

Rock swap seems to have been a success again. Chairman not there for a report.

1975 show was discussed. Motion by Frank Rule we recommend to the membership at large we have a 1975 show, seconded by Howard Taylor. Motion carried. It was suggested we recommend a change from the fairgrounds, due to people comparing '74 show to '75 show. Suggestions were Villager Motel, etc.. We need about 30,000 sq. ft. plus 2 lecture rooms and a Black Lite room.

Due to the change to our voting procedure we will not know for sure who Vice Pres. will be until Nov.. We should be starting on the '75 show now. May have to elect a Chairmen.

A discussion on the 1974 show. Hopefully a full account on monies will be ready by Nov. 2, 1974. We had a report on expenditures of the '74 show. Moved by Norma Miller we approve expenditures for '74 show, seconded by John Harrison, Jr. Motion carried.

All of the 100 display cases were charged to the '74 show, instead of the LGMC. Motion by John Harrison LGMC assume cost of cases and ownership of cases, seconded by Howard Taylor.

contd.

Board Minutes Cont'd. ----

President, Ralph Ulrich read a thank you letter from Madonna Home, for helping bring the people to the show, as Mr. Hendrickson's last project. Announcements were also read.

Howard Taylor explained each of the federations were to receive a set of slides of the 1974 show. We will number the slides and in November at the meeting, members can select slides they would like to purchase. The Federations will pay for thier set of slides.

Motion by John Harrison, Jr. that Lincoln Gem & Mineral Club prepare a set of slides of the 1974 show and present them to NAOESCI for thier library.

Motion to adjourn Frank Rule.

Nelda Oliver, Secretary

ATTENTION!

Lincoln Gem and Mineral Club has for sale the following:

92 Knock-down show cases @ \$40.00 each

38 Whichita show cases @ 5.00 each

Anyone interested in purchasing these cases contact:

Frank Rule  
6333 Kearney  
466-1697

These are on a first come basis and as is.

Club members get first choice.

## FROM THE PRESIDENT'S DESK

We have had a very interesting, challenging, and successful year so far. It has been a real and pleasant experience to read all the letters of commendation and to hear the compliments from all the folks who enjoyed the National Show. As we grow into more advanced concepts in public service in behalf of the earth sciences hobby, our emphasis perhaps will need to be adjusted to include the needs and wants of our own members. The future looks even more interesting with our expanded viewpoint about big shows and public concerns.

We did have a rock swap the first weekend in August, and I want to say it was a good one. In spite of competition with other activities we still drew a sizable crowd, swapping was good, and the auction was, I believe, comparable to any other I know about. Thank you, Don and Arlene Duckett, for a job well done.

I really enjoyed the President's Field Trip. I only wish more persons could have found a way to take part in that activity. Tom Simmons is an excellent wagonmaster, and I want to say here that I appreciate his help and his guidance. Thank you, Tom. The collecting areas were unique and outstanding. At times I felt that Tom was a little disappointed in some of the sites, but I always found much more than I could collect and haul home. I also enjoyed the show at Crawford and the Sunday morning field trip led by Mr. Earl McGuire. I had to leave Sunday afternoon so that I could appear happy and well adjusted at work Monday morning.

We have a field trip to the Fairbury, Nebr., area scheduled for September 21, 1974. This will be a good chance to collect some selenite Xls and clusters, marcasite nodules, and limb casts. I have noticed that not very many go to these field trips. Perhaps our members prefer to arrange their own adventures, and this is most certainly an acceptable practice. The few times when I went out on an unscheduled field trip with a small group were rewarding and a lot of fun. I will be asking for your personal thinking on this at the regular meeting September 28.

Also, remember that the nominating committee will be elected at that meeting. This committee should include persons who are familiar with the Articles of Incorporation and the Bylaws. They should also be interested in both our own club activities and the regional functions. So, please come to that meeting prepared to nominate the person who in your judgment will best select the candidates for 1975 official positions.

Looking to the future, I believe we need to give serious consideration to some expanded educational programs. The present course in fossils now in progress is an excellent example. I am aware that the instructor is giving of his free time and his own money to support the program. We are fortunate to have this opportunity, and I hope that more of our club members will offer their services and share their knowledge with others. I am sure there are others who have special training applicable to our hobby. I know many say it is good to have all these offerings free of charge; however, it seems that registration in the course and attendance in classes are treated rather lightly because it costs nothing, therefore nothing can be lost if the opportunity is allowed to slip by. We should seriously consider placing a value on any future courses offered. Anyone who had paid, say \$10 for a ten-week course would only be paying a small portion of its worth, but would nevertheless realize that it did have real value.

We may also work with the adult education department of Lincoln Public Schools and help establish courses related to our hobby. These would be offered through the Southeast Community College as a selected adult special interest course much the same as those now offered in sewing, language, buying and selling a home, ballroom dancing, and others. Imagine such courses as Creative Collecting, Language of Fossils, Broadview Stratigraphy, and Everyday Gemology.

Your Board of Directors will best serve you when they know what your thinking is. Take just a little time to consider the possibilities then communicate with any one of them, express your ideas.

--Ralph L. Ulrich  
President

## EDITORIAL. . . .

Tempus Fugit--time flies! Just a few short months ago we were all anticipating the '74 National Show. Now it is just a wonderful memory. The Swap and the President's Field Trip also have come and gone. Now we must prepare for the coming year. The first thing on the agenda is to elect a nominating committee for the 1975 Board of Directors. Every member should be present at the coming meeting to take part in this very important Club activity. The direction in which a Club moves depends a lot on the judgment of its officers. Therefore it is very important to elect a qualified nominating committee to choose capable leaders. 1974 was a very good year under the leadership of our president Ralph Ulrich, and his able assistants. Let's make '75 a great year even though we are not hosting a national show.

Do read the exchange bulletins. They have many interesting articles and helpful hints. It is very gratifying to read the comments of visitors to the 1974 National Show that appear in many of these bulletins. We are so glad that they enjoyed it so much.

Of the top ten winners in the MWF bulletin contest, we exchange with seven--The Geode, Magma, The Pyriter, S.I.E.S. Club News, Gem City Rock News, The Glacial Drifter, and the Rock Pile. We have recently added the T-Town Rock Hound--first place winner in the AFMS bulletin contest and Rocky Echoes, 1968 AFMS award winner. Be sure to read these excellent bulletins. Other fine bulletins recently added to our list are: The Rockhound Scoop, the bulletin of the Golden Belt Gem and Mineral Society of Great Bend, Kansas; The Gem Cutters News of Baltimore; The Rockwood Rockhound News, bulletin of the Rockwood Gem and Mineral Society, St. Louis, Mo.; Gems of the Foothills, Monrovia Rockhounds, Inc., Monrovia, Calif.; and Tips and Chips, bulletin of the Denver Gem and Mineral Guild. The Geode NewsLetter from Miami and the Coral Geode, Tampa, are fine bulletins from Florida. A new bulletin from Minnesota is Rock Rustlers News. We are very happy to add a Wisconsin bulletin to our list--The Trilobite. It is our first and only bulletin from that state. A very fine bulletin from San Diego is the "Pegmatite", and a new bulletin from Iowa is "River Valley News."

If you wish to check out any of the bulletins to take home and read at your leisure, feel free to do so. We would like to have them returned as your editor finds many interesting items to borrow for the Pick & Shovel.

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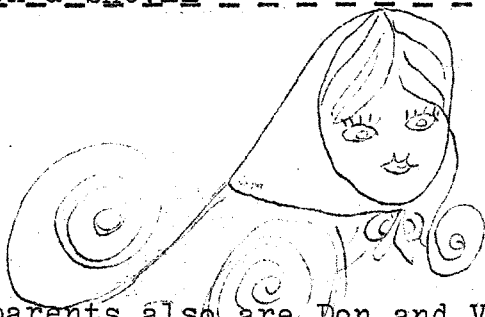
A couple went to the dentist. The woman said, "I want to have a tooth pulled--extracted immediately. We're in a hurry to get started on a rock hunt. I don't care about the pain. Just pull it right out, because we have to leave here right away. No novocain, no sodium pentothal--just pull out the tooth."....Looking at her in awe, the dentist said, "I've never met a person like you in my life. You're really a courageous woman. Which tooth is it?"....Turning to her husband, she said, "Show him the tooth."

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Teacher (after student has written "WEOATHER" on blackboard: "That's the worst spell of weather I've seen in a long time."

Don't speak about what you have done or are going to do--Do it, and let it speak for itself.

--via Skagit Gems



## GLENNNA'S GLEANINGS

Walt Moser was "proud as punch" when his grandson, Mark, won first place in the Des Moines soap box derby. Mark's brother, Jeff, also won a trophy for best design.

Proud parents also are Don and Virginia Green, whose daughter, Mary, brought home a "best in swim" and eleven first places in all classes of swimming on their vacation trip to Texas. Son, David, participated and won some ribbons, too. Congratuatuons to all!

Irl and Lois Everett are about to have their last "chick" leave the nest. Daughter, Nancy, leaves Oct. 23rd for a tour of duty in the Air Force.

Marie Wells reports they spent Labor Day weekend in Quinter, Kansas, field-tripping with the Henry Hohnholts of Kearney and Gerald Hays of Wood River. Marie's mother is hospitalized just since they returned. A speedy recovery is wished for her.

Quite a number of Lincoln Club members were in attendance at the Omaha rock show. It was a very interesting affair and the Club is to be commended on their new "home."

Eight members of Marie Wells' 4-H group are participating in a lapidary class led by George McGinnis. Thanks to the efforts of John Lewis, they are using the city recreation department equipment at 23rd and O Sts.

Norman Balliet and family report they field-tripped the Blue Forest in Wyoming this summer and came out with some fine specimens.

Glen and Debbie Ulrich are reported to be moving into a new larger apartment with room for a nursery. Congratulations!

Nelda Oliver had an unfortunate experience--got stung by a wasp and it caused blood poisoning in her whole arm. You have our sympathy, Nelda.

Lincoln Gem and Mineral Club extends sympathy to the Bud Wasser family on the loss of their son during the summer.

A second striking of the Commemorative silver medallion issued to honor the late Dr. John Neihardt went on sale at Bancroft, Nebraska, on Neihardt Day. The first one hundred medals were sold almost overnight, according to Robert Vassell of Omaha, who was instrumental in getting the medallion produced.

Husband, George, and self were pleased to have the "Fossil lady", Vone Luthi, and spouse from Topeka for the weekend after their attendance at the Omaha rock show.

The rock swap held by the Club in August was well attended by our own members and others from outstate. Swapping was brisk both days, and that potluck dinner brought out many who would not otherwise attend. Tom Rule showed slides of the National Show afterward, and Olivers' Polka Band entertained both old and young. The auction on Sunday netted the Club \$101.26. Don and Arlene Duckett are to be commended for handling the affair.

Our Trip North--by Glenna McGinnis  
As requested by the bulletin editor

Vacation this summer for the McGinnis family consisted of a leisurely trailer trip along the North Shore of Lake Superior and into Canada. This was new territory for us, but by the time the National Show was over, the temperature was soaring, and we were looking for a cooler clime. We found it in small rustic campgrounds on the shores of the largest of the Great Lakes, along with some lucrative hunting grounds for the famed Lake Superior Agates. None we found were fabulously large, but the number and quality made up for the size.

This area abounds in scenery. Stately birch and fir trees line the lake shores and the absence of people makes for a quiet contemplation of nature. Many rivers from northern Minnesota empty into the lake from rock-hewn gorges. The river waters are iron-stained since they come from out of the Vermillion and Mesabi Iron Ranges, but Lake Superior is clear and cold. Only in areas where the low grade iron ore is processed did we see pollution.

The lake yielded up many lake trout which were on the menu several times, along with herring and Menominee which we bought freshly smoked in small communities along the lake.

At Grand Portage, Minn., which is on a Chippewa Indian Reservation, we boarded a ship for a cruise to Isle Royale Nat'l Park for a day. It is twenty-two miles into the lake and on an island forty-five miles long. The park has only primitive accommodations and no vehicles are allowed, so many people, mostly young, were backpacking the area. We saw much wildlife, especially moose on the island.

Having heard of the amethyst mines at Thunder Bay, On., we decided to try our luck. We were much disappointed when we arrived at the mine to find the specimen material to be badly fractured by the blasting and use of heavy machinery, so we looked elsewhere. Some blocks away in the same occurrence was an area worked by two old prospectors who blast infrequently, and by working with chisel and mallet, one can obtain some pretty decent specimens. Not being too work brittle, we only dug one large and several small ones, but they are not hematite stained as much of the material is.

Having spent three weeks in the cool North, and Rock Swap time coming up, we headed back to Lincoln via West Bend, Ia., and the Grotto of Redemption where we spent two more days coking and aching at the fabulous gems and minerals there. All in all it was a satisfying vacation.

Tips for the Silverworker--A Stockton, California club member uses stainless steel solder in silver work, as it is cheaper, easier to handle, and does a beautiful job.....The use of a brass brush is a very efficient way to clean silver before soldering. It will also take out fine scratches. Use a circular brush and the center hole will fit the tapered spindle of the polishing motor...From several bulletins, via ESCONI

For more information on this subject - Write for Public Service Publication #1518 - Working with Silver Solder, to U. S. Dept of Health, Education and Welfare, Washington, DC 20201 via ESCONI - 1967

--Cedar Valley Gems

YOUNGS RECEIVE GOOD NEIGHBOR CITATION

The many friends of Myrtle and J. D. Young, long-time members of the Lincoln Gem and Mineral Club, will be delighted to know that Mr. and Mrs. Young have been presented the Ak-Sar-Ben Good Neighbor Citation for their tender loving care of our beloved poet laureate, Dr. John G. Neihardt, during the last seven years of his life.

Although the award was actually made earlier in the year, the Youngs' natural modesty kept it a secret from most of us. It wasn't until we returned from the President's Field Trip to find the framed citation in the mail that I knew of it myself!

The citation reads:

AK-SAR-BEN  
Good Neighbor Citation

The Knights of Ak-Sar-Ben are honored to recognize Julius and Myrtle Young cited by neighbors for unselfish and charitable deeds beyond the field of personal gain or welfare, thus exemplifying the good neighbor spirit of the Midwest.

Knights of Ak-Sar-Ben  
W. A. Strauss, President  
John D. Diesing, Secretary

Dated at Omaha, Nebraska, this 9th day of May, 1974.

The award couldn't have been presented to a more deserving couple.  
--Florence Boring

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AND THE MEMORY LINGERS ON. . . .

There will be comments for a long time to come regarding the "Great Show" at the Fair Grounds in June. Hardly a week passes that someone doesn't tell me they saw the "magnificent exhibits." People who had no connection with rockhounding went just out of mild curiosity and came away perfectly amazed.

Irl Everett did a fine job, and so did all of the committees. As a volunteer at the Info Desk in the dealers' building one day, I enjoyed every minute of it, what with lost keys, kids, and watches. I was able to help get them to rightful owners, we hope! Our five-year-old came to me and said his Daddy was lost and we would know him because he wore blue pants and a white shirt!! With the help of the intercom we found him. So, there were "lost daddies", too.

Everyone who stopped at the desk had favorable and enthusiastic comments to make. I'd like to make comments of my own about individual and general exhibits, but much has already been said by others, and we all feel that the show was fine--more, really great!

It was good that Father Greving from the Grotto of the Redemption could make it. He has a drawing card for sure!

Dealers, as the Show closed, remarked about the steady flow of onlookers and buyers which tended to help with the success of the Show. Everyone was pleased. The weather was beautiful, and for four days life was great.

Congratulations to those who made it possible!

--Deliliah Rankin (Dee)

## HIGHLIGHTS OF THE PRESIDENTS FIELD TRIP

Tom Simmons, Dick Hornung, Bob, Nelda & Jim Oliver started the trip from Scottsbluff at 0:800 on August 10, 1974. On the way to Gurnsey, Wyoming, we visited old Fort Laramie. A very interesting tour, for people interested in past history or antiques. After our tour we headed on west for Gurnsey and the Oregon Trail campground.

On the way to the Onyx mine, we met H. O. & Grace Carson, who made a fast 'U' turn to join us. We found very nice material at the Onyx mine and it was very plentiful. In a short time we had all we could haul. Thanks to 'Uncle Tom' we all can take more material than our vehicles can haul. We also find good limb casts in this mine.

During the evening Ralph Ulrich joined us and we started covering more area. We visited the world's oldest agate mine. This took several hours of climbing and I'M sure most of us would have brought more material back, if only rocks didn't weigh so much. H.O. Carson enjoyed this area, not knowing which piece to keep and which to leave.

We only travel the best of 'interstates' and the one to the Spanish Diggings was something else. At times we were speeding at 20 MPH., on this terrible washboard road. We camped all night on the hill with Flattop out our window. Much good material is found in this area. I collected lots of material here and now need someone to tell me if I really found a scraper or knife etc.

From Spanish Diggings we went to the Wintermoate ranch for Shawnee agates. Everyone who hunted found good material with 'Fairburn' pattern. There also is selenite and artifacts in this area.

On the 14, we were in the Lance Creek, Cow Creek area where the dinosaur outcroppings appear. Having no casting material, this area was only for looking. Many agatized bones were laying loose on the hills. The rancher at this area keeps a record of all the people who tour and work this outcropping. They have had a student from Pakistan work this outcropping.

From the dinosaur area we were on our way to Newcastle. We watched the black storm cloud as we drove the hiway and thought we had out-run the storm, but not so. When we arrived in the town we had one 'whale' of a hail and rain storm. This kept us out of the field until the next day. We found clam shells and some very interesting mud-balls, full of all kinds of fossils. Some material reminded one of the turritella agates.

On Aug 16, we were on our way to Edgemont, S. Dak., to find ammonites and beautiful quartz crystals. The crystals I enjoy and we found some gorgeous ones this time. I still have mine wrapped, hoping when it snows I'll have time to admire them and hi-grade.

From here we went to Crawford and met many of our friends who were there for the show and also some who were headed on west for yet another trip. The Youngs, Florence Boring, Howard Taylors, Mary Wareham (Sec. of NAOESCI), Frank Rule, The Pivonka's, Don Ducketts, Barnhouse's from Barnhill and a couple of other families joined us on Sunday morning, along with the President of the Crawford club, who took us out to hunt Blue Agate. There were about 15 cars going on this field trip and they even went to the R.R. station to get picks for those who did not bring thier own. After hunting this area for a while some of us left for the fairburn fields. Lee Pivonka (4-H member) found the best 'braggin' rock while we were there. Some day we all hope to find one like his.

We left for home on Sunday afternoon the 18th, thinking that next year we will go on another trip west, only to fill the basement with more material that Tom calls 'yaw' or leverite.

*Melda*

SHOP HINTS FROM EXCHANGE BULLETINS

Those plastic milk jugs make good rock holders. Just cut off the neck part, leaving the handle. We use them for collecting and for storage. Location information can be marked on them with Magic Marker type pens. And they aren't harmed by dampness or dirt.

--by Diane Dare in S.I.E.S. CLUB NEWS

Use a glass cutter on thin slices of agate.

It saves time and wear on your trin saw.

--from - Gems & Minerals

When lapping or polishing geodes, keep the crystals sparkling clean by packing them with damp Ivory flakes. The grit or polishing agent washes right out, and the remaining soal will soak away in warm water.

--Via Galco Pebble Patter and others via Geode Newsletter

POLISHING OBSIDIAN -- Obsidian is volcanic glass, and its lapidary treatment is the same as for artificial glass. It polishes easily with tin oxide. Felt buffs heat too fast and fracture it. Do not use grinding wheels under 200 grit, as a safety measure. It is not satisfactory for jewelry, as it breaks easily. --Slab Gab via Southwest Gen, Texas

TUMBLING ABALONE SHELLS...(Condensed via Rockhound Rambling)

Place shells between several thicknesses of paper and break to desired size. Or they can be sawed with a band saw. Shell dust is toxic, so take care. Wear gloves or gauntlets to cover arms when sawing to keep the fine particles from working into the pores.

The shells should be tumbled in clean beach sand and water; use enough to cover the shells. Tumble 24 to 36 hours. Wash thoroughly and dry. Replace shells in the tumbler and add tripoli, run for 12 to 15 hours. Again, remove shells, wash everything thoroughly and dry. Fill the drum half full and add enough hardwood sawdust to keep the shells from hitting each other.

Add tin oxide or chromium oxide to polish. Use approximately 1/4 cup of polish to 6 pounds of shell. This mixture is run dry for 2 to 3 hours. Remove shells from tumbler, wash off sawdust and polish mixture and you have beautifully polished shells.

--via Gen Line

To remove epoxy cement - use fingernail polish remover. Wash the stone with soap and water before using cement on the same surface again.

--From Gems & Minerals, Feb. 1962, via Rock Box

A message from your club treasurer, Mr. John Harrison - Please everyone with any unpaid bills, especially pertaining to the 1974 Show, get them to the attention of the committee so all of the tabulating can be finalized. It is most necessary that it be completed. PRESENT THOSE BILLS!

## SAFETY PAGE



## HAZARDS OF CHARCOAL

I am sure we are all aware of the hazards of using gasoline or lighter fluid to start a barbecue fire. We can also see the danger of children playing close to a hot barbecue pit. What we may not know is that burning charcoal gives off carbon monoxide gas that can cause death.

When it began to rain during a backyard barbecue in Chicago, the two braziers and the guests moved into the garage to continue the party. Within half an hour a number of persons became ill. One fell unconscious and could not immediately be revived. 15 of the party-goers were rushed to the hospital, five remained over night. The cause of the illness was carbon monoxide poisoning.

Broiling food over charcoal briquets has become extremely popular. Usually the briquets are burned outdoors where there is no danger, but lately an alarming number of persons are committing the dangerous error of using grills in enclosed areas such as garages, basements, porches, patios, cabins, tents, automobiles and even living rooms. Often the purpose is for cooking, but sometimes for heating.

A 13 year old boy, on a camping trip with his family, slept in a station wagon one night. Since it was cool, a hibachi with burning briquets, which had been used to cook supper, was placed in the vehicle to keep him warm. All the windows were closed except one that was left open a crack. In the morning the boy could not be wakened. An autopsy showed his blood was saturated with 52% carbon monoxide.

Another example was a couple found dead one morning in their tent. Although the husband was an experienced camper, he had set a charcoal-burning stove in the tent to keep them warm in the night.

Two hunters died from a charcoal-burning stove in a pickup truck. Their blood had 60% carbon monoxide poison.

The National Safety Council reports that it appears that many persons regard briquets as perfectly harmless to use indoors, never dreaming of the large quantities of carbon monoxide that can accumulate. Some persons have been poisoned by using a Japanese-style hibachi right on their dining room table.

After one state had a severe storm that caused a prolonged fuel shutdown, many families resorted to charcoal briquets to cook food indoors. The State Board of Health received so many complaints of severe headaches that it conducted tests to determine how dangerous briquets could be. The technicians burned only 17 charcoal briquets in a small chamber and then tested the air for carbon monoxide. It was determined that in a kitchen 8x10x8 feet the carbon monoxide level would surpass the safe breathing concentration in a few minutes. After 45 minutes the concentration in this room would be extremely high--1920 parts of carbon monoxide per million parts of air--enough to cause unconsciousness and possible death to anyone who breathed it for 20 minutes.

What makes this poison so treacherous is that its presence cannot be detected by the senses. It is an invisible, odorless and tasteless gas and can overcome a person without warning. Another cause for alarm has been that manufacturers of charcoal grills and retailers have promoted the indoor barbecue. Department stores often advertise hibachis for indoor and outdoor use. One producer urged people to take the grill indoors and use it in the family room. A picture of the grill set up indoors, surrounded by the family enjoying the barbecue, was shown. It all comes down to one fact, and that is, that if you want to enjoy your next barbecue, be sure to do it in a well ventilated place. OUTDOORS is the best and only safe place.



JUNIOR PAGE



Dear Juniors:

Did you know that there are contests for the best Junior articles written in Club Bulletins? I just learned about it this summer. The 1974 winners were: Dan Seurer, East Central Wisconsin Rock and Mineral Society, for his article "Silver Mound"; David Reeves, McDonnell Douglas Gem and Mineral Society, St. Louis, for his article, "Go East by West"; and Deidre Prince, Calco Pebble Patter, Galveston, Texas, for his "I am a Rock." I know we have some good writers among our Juniors, so let's get busy and get some articles written for the Pick & Shovel." Another year we just might have a winner.

--Mrs. Ulrich

NIT: A snake snapped at me!  
WIT: Snakes don't snap. They strike.  
NIT: This one snapped. It was a garter snake!  
--Via Gem Time

Members of the Petrified Pebble Pups 4-H Club held their ACHIEVEMENT DAY the evening of September 9 at the Van Dorn Park shelterhouse. Their families joined them in a potluck supper. (If you want to know where the good cooks are, these can compete with any group.)

Record books were turned in to leader Marie Wells. An identification contest of 33 samples was enjoyed by all--members, parents, and some most promising younger brothers and sisters.

President Brent Jones sent Marie and her co-leader, George McFinnis, on a treasure hunt, which ended with a group gift from the young people. In addition, each member had searched his or her collection and presented both Marie and George with a specimen. The boys and girls were then given three different specimens, which had been provided to George with the condition that they were to discover the proper identification themselves.

To end a most enjoyable evening, a swap was enthusiastically carried on among the members.

The National Geographic Society has reported that the game of marbles started in the Stone Age. It has been played by people in every land. Nuts, alabaster, agate, clay, jade, and turquoise have been used. Bits of marble, chipped round, gave the game its name. Now most marbles are made of glass. West Virginia is the world center for their manufacture. Five plants there turn out about 10,000,000 a year.

--The Rockatier via Gems and Minerals  
via The Fox Rox News

To work out the flat area in the center of a cabachon, mark the pre-form with intersection lines forming a cross at the center. When you have ground and shaped the stone to its proper curve, the cross will have disappeared and the flat spot along with it.

--From Petrified Log, via the Geode

## JADE RETAINS ITS ANCIENT CHARMS

The jade craze is sweeping Hong Kong.

Along with gold, the stone has become one of the major attractions of the British Crown Colony. According to a recent report, even the local residents have made it the fashion of the year.

Superb jade at reasonable prices is still offered in the city, but most of the work is modern. Little precious antique jade remains in all Hong Kong.

The Chinese have revered jade for thousands of years. At one time they wore pendants and plaques of the stone as talismans to ward off evil. At burial, jade charms were placed inside the mouth, over the eyes, and in the hands of the body to preserve it from decay.

Describing jade, the great sage Confucius wrote: "It is soft, smooth and shining--like intelligence. Its edges seem sharp but do not cut--like justice. It hands down to the ground--like humility. When struck, it gives a clear, ringing sound--like music.

"The strains in it are not hidden and add to its beauty--like truthfulness. It has brightness--like heaven. Its firm substance is born of the mountains and the waters--like the earth."

The word "jade" is used to describe two quite different minerals, jadeite and nephrite, which are similar in appearance.

Nephrite, a calcium magnesium iron silicate, was mined near Khotan in ancient Turkestan as early as 1,000 B.C. Called yu by the Chinese, it was first found as boulders in stream beds. Since then, deposits have been worked in Alaska, British Columbia, Wyoming, California, Siberia, and New Zealand.

Jadeite, a sodium aluminum silicate, is now the more valued variety of jade, especially in its fine emerald-green, translucent form. The world's only source of this Imperial jade lies in Burma, near Magaung. At first jadeite was found only in the bed of the Usu River, but in the late 1800's a deposit was discovered on the Tawmaw plateau.

With this abundance of material at hand, Chinese sculptors--who had long fashioned objects from nephrite--turned to the production of large ornamental pieces from jadeite.

From National Geographic Service  
Printed in Chronicle Telegram  
Submitted by Mary Smith  
--via Magma

Did you know? Apache tears are not obsidian. According to findings as far back as 1945, Apache Tears are marekanite, a variety of perlitic rhyolite glass. The principal volcanic glasses are obsidian, perlite, pitchstone, vitrophyre tachylite, pumice, and vitrie or glassy tuff. Positive distinction between obsidian, perlite, and pitchstone is based upon water present....Gem City Rock News, via Loess Bulletin.

## MONTHLY ROCK FEATURE, PYRITE-----

One of the first minerals that a collector will encounter is pyrite. There are several reasons for this: (1) pyrite is abundant and is easily collected in the field; further, attractive, high quality specimens can usually be purchased at very reasonable prices. (2) Pyrite is easy to identify and only the very beginning collector could confuse it with its' polymorph, marcasite. (3) Pyrite is distributed the world over; it is not likely that pyrite has not been found in any of the United States.

Properties of Pyrite

Hardness, 6 to 6.5, very hard for a sulfide

Specific Gravity, about 5.00

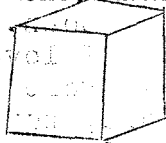
Luster, metallic, brassy color,

Streak, green or brownish black

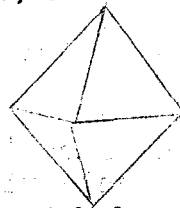
Composition, iron disulfide,  $FeS_2$

Crystal system, isometric, cubic, octahedral, or pyritohedron most important forms

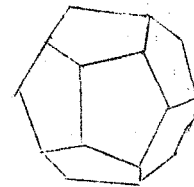
Cleavage, none, hackly fracture



cube



octahedron



pyritohedron

Notes on Pyrite

Cubic crystals of pyrite display an interesting habit. Observe that each crystal face is striated (fine, parallel lines) in such a manner that the striations on adjacent faces are perpendicular to one another. This is caused by the pyritohedron form being superimposed upon the cubic form.

Pyrite is frequently mined for the copper, silver, or gold associated with it but is rarely used as an iron ore unless oxide ores are unavailable. Smelting of pyrite would form considerable amounts of sulfur dioxide, a key air pollutant.

Pyrite may most likely be confused with either marcasite or chalcopyrite. The former is also iron sulfide,  $FeS_2$ , but is a low-temperature form crystallizing in the orthorhombic system; its' luster is much more dull than that of pyrite and it frequently smells like rotten eggs. The latter is much softer than pyrite and crystallizes in the tetragonal system.

Pyrite derives its name from the Greek word for fire since it will give off sparks when struck with steel.

What to do with Pyrite.

Bring some specimens to the meeting in order that all may see the many variations in this particular mineral.

Roger Pabian, Education

The Petrified Pebble Pups added to their accomplishments during the summer by exhibits and a demonstration at the County Fair. Purple ribbons for Wichita showcase displays were won by Mary Green, Brent Jones, Lee Pivonka, and Sandra Wright. Leroy West received a red ribbon and Paul Sailor a blue ribbon for their first-year project egg carton collections.

Lars and Andrew Olson presented their demonstration, for which they were awarded a blue ribbon. They were then invited to participate in the State Fair, and also won a blue ribbon for competing on that level.

Our congratulations to each of you!

### JUDY'S JOURNAL

July 30, 1974

Well, folks, it's been over six weeks since our big show, and some memories came back to me from our good times at the Fair Grounds today when I picked up my pictures downtown. They are of the "Opening Day Ribbon Cutting Ceremony." I love to take pictures of good times, and I can't think of anyone who had a better time than I did. I only wish I had more, but I'm glad for what I've got.

My trip to Minnesota was most refreshing, but we also had some hot days there. While I was there I went to see a lady who used to have a rock shop. I'll go into more detail about her next month. Mary Anderson, who I told you about in my last article, wrote to me the other day. I was so glad to hear from her.

I hope the drought isn't affecting too many people this summer. I seem to be doing all right. Maybe we'll have a rainy September which would be okay with me.

Until next month, I'll leave you with this thought on "Age." The Metallic Age is usually associated with mines, but some folks we know have also arrived at the "Metallic Age." They have gold in their teeth, silver in their hair, and lead in their pants.

--from the Telegram (Rawlins, Wyo.)

--Judy Walt

MINATURE DISPLAY CASE...With a penknife and a bit of careful dexterity, you can make your own miniature display case for minerals, or what have you, from a used camera flash cube. I use the Sylvania Blue Dot Magicubes, but you may wish to experiment with other makes.

By carefully inserting the knife blade at the base of the flash cube, the clear plastic covering can be lifted off and the separate sheet in the top with the advertising printed on it will drop out leaving a clear plastic covering.

Remove the shiny reflector insert as well as the flash bulbs. You will then have just the base with four wire loops attached, which can be spread apart to hold your specimen. The plastic cover then may be replaced and attached to the base with transparent tape. The case may be mounted on styrofoam.

--George Springs via Slab and Gab



# Midwest Federation's NEWSLETTER

Published monthly except July and August as a service to members clubs.  
All news, articles, subscription orders and requests for information concerning publication  
should be sent to P. O. Box 1130, Des Moines, Iowa 50311



Issue No. 147 - September 1974

## Mark Harris reports on the Lincoln show

June 13-16, Lincoln, Nebraska, were the dates for one of the largest shows ever seen among the rockhounds in America. Hundreds of exhibits, both competitive and non-competitive, covered the space of the main exhibit hall and overflowed into the dealers hall. There were about fifty dealers on hand offering just about every kind of jewelry and cutting material and mineral specimens from many countries of the world. As great as the show was, there were more important things for some of us.

On June 12, the American Federation met. The most controversial item on the agenda was a dues increase voted. The new increase was five cents per member. It was understood at the time that it would not take effect until after all the regional federations had met and voted either to accept it or reject it. Later it was decided by the Board of Directors, Midwest delegation not being present, to hold a mail ballot to start it beginning in 1975. Your representatives, President and First Vice President, voted against the measure as had been advocated by the Advisory Committee and Long Range Planning Committee. I am sure that no club in the Midwest Federation would object to a moderate dues increase if it had been explained that all reasonable attempts had been made to cut some expenses not deemed necessary by your representatives. It was not apparent that any attempt had been made to cut what many believe to be unnecessary expenses.

On the same day, AFMS voted that the president appoint a committee consisting of one member from each federation under the chairmanship of Cliff Anthes of Tucson, Arizona. At this writing, a Midwest Federation member has not been appointed. It is hoped this will be done by the middle of July. This committee will look into the matter of the clubs which decide to join a federation outside its territory. The event which raised this question was the announcement that the 1977 National Show and Convention will be held in Ogden, Utah, a Northwestern Federation Club located in the Rocky Mountain Federation Territory. The same year about seven weeks earlier the Rocky Mountain Federation has scheduled its Federation Convention at Salt Lake City, about thirty miles from Ogden.

The Midwest Federation met on June 15th. Fifty-two per cent of the clubs were represented by delegates or alternates. Minutes of the meeting will be published by the secretary. A few of the highlights were a discussion of the dues increase and a report that Rocky Mountain Federation had selected a representative to negotiate with Midwest on a boundary dispute which has been in the minds of the federation officers for about twelve to fourteen years. The Council Members voted to appoint the  
Report...please turn to page 2

## Welcome new members

- Baraga County Gem and Lapidary Club, Bernard O. Brockett, President - Aura Road, L'Anse, Michigan 49946
- Mineralogical Society of Cleveland, Paul C. Clifford, President - 2955 Berkshire Road, Cleveland Heights, Ohio 44118
- Hiawatha Gem and Mineral Society, Herman E. Lacy, President - 433 Draper Road, McHenry, Illinois
- Belvidere Gem and Mineral Society, Howard A. Curry, President - Route #1, Box 139, Belvidere, Illinois 61108
- Heights Gem and Mineral Society, Mari Poss, President - 3565 Lytel Road, Shaker Heights, Ohio 44122
- Michigan Geology and Gemcraft Society, Lee M. Kirby, President - 3660 Embracadero, Drayton Plains, Michigan 48020
- Lea Area Petra (Rock) Society, Charles O. Ehlert, President - 151 - 5th Street S.E., Glenville, Minnesota 56036
- Edwards River Earth Science Club, Robert Hoffman, President - 509 N.E. 5th Avenue, Aledo, Illinois 61231

## New slide program

We would like to announce that we have a new program - "1972 Ispeming Convention and Field Trip" - 100 slides. At this time, we are retiring the "1962 Des Moines Exposition" program. As you know, "Stones in Religion" is retired due to age and "Field Trip to Tri-State Area" was lost in the mail. Very recently we discovered that half a program is lost. Anyone who has seen "Life Revealed in the Rocks", we need the other half. Check your projector. The slides may be in there.

We have gained one program but lost three. How about a club project to give the federation a program? We'd like it.

\* \* \* \* \*

Please note! All requests for programs should be sent directly to the Program Chairman Donald Stinnett, 29462 Aspen Drive, Flat Rock, Michigan 48134. Please be sure to include the program fee and the exact and complete address to which you want the program shipped. Also, give a choice of programs and alternate dates so that you will be sure to have a program for your meeting. Order at least 30 days in advance as programs are popular and are booked well in advance.

## All American Merit Award winners

by June Zeitner

Congratulations to the Midwest Merit and AFMS All American winners, and thanks to the 58 active Midwest Clubs which entered making our federation tops on the list of participants. With almost a quarter of our clubs participating and all of the entries so well done, our judges, the Verne Montgomerys and Earl Cornwells had a difficult, though interesting task. We are indebted to them for the time and effort they spent on this.

Topping our honors list for AFMS is the number one All American Club, the Cedar Valley Rocks and Minerals Society of Cedar Rapids, Iowa. The Midwest Special Merit Award for the most outstanding service project went to West River Earth Science Society of Murdo, South Dakota. Runner up for this award was the Michigan Gem and Mineral Society of Jackson.

Certificates were presented at the Midwest Council Meeting in Lincoln by June Zeitner, Chairman and Mark Harris, Midwest President. La Docia Ellis, AFMS Education Chairman congratulated the enthusiastic Midwest clubs. Trophies were presented at the Awards banquet by Mrs. Ellis for AFMS and Mrs. Zeitner for Midwest, assisted by Dorothy Lee and Mark Harris respectively.

As usual the Midwest winners were cited for specific achievements as well as being judged all around All American Clubs. Following are the winners and the judges comments. Thanks again to all who entered. We are proud of these winners. (Except for Cedar Valley there is no significance in the order.)

**CEDAR VALLEY ROCKS AND MINERALS**, Cedar Rapids, Iowa. Presentation somewhat rambling, but a careful perusal revealed that this club has apparently earned itself an excellent reputation in its community by the various services it has rendered, namely devoting show proceeds to geology scholarships at the University of Iowa; presenting magazine subscriptions in our field to 8 schools and 2 libraries; giving demonstrations, specimens, and field trips for children and short courses for adults. The club showed good will towards other clubs by initiating a program to eliminate duplication of show and swap dates in Iowa. Diversity of authorship among bulletin items testifies to the high degree of membership participation.

**BLOOMINGTON MINERAL CLUB**, Bloomington, Minnesota. The presentation was well organized. Judges rated the club's cooperation with the St. Paul Science Museum highly from the standpoint of furthering earth science education. Services to Gillett Children's Hospital not only spread knowledge of gemstones among the children but nurtured the selfless giving without which a club fails to achieve its highest potential in the AFMS tradition.

**WEST RIVER EARTH SCIENCE SOCIETY**, Murdo, S. Dakota. Presentation admirably succinct. Services performed by this club are maximized by the smallness of membership, only twenty. By its contacts and cooperation with the South Dakota Geological Survey and the U.S. Forest Service, the club has helped to establish an image of rockhounds as serious responsible hobbyists. Erection of the sign on the National Grasslands advising fellow collectors where and what to collect legally was a novel and valuable contribution. Services to schools were also commendable.

### MIDWEST MINERALOGICAL AND LAPIDARY SOCIETY

Report ...continued from page 1.

president to negotiate with Rocky Mountain representative on the matter and to place the final vote on the dues increase in the hands of the Board of Directors and the five elected officers. A study will be made of ways to reduce AFMS expenses.

The president reports that progress is being made in the negotiation of the boundary between RMF and MWF.

President elect Terry Huizing is attempting to work out a solution with South Central Federation concerning Midwest Clubs located in Arkansas.

The following slate of officers was elected. President,

of DEARBORN, Dearborn, Michigan. Despite a tendency towards over-statement in presentation, this club demonstrated very real achievements, notable gifts of mineral kits of the great Lakes region to twenty schools; displays at libraries and public places, establishment of study groups, wide participation in federation shows and activities. The intellectual curiosity fostered by the club has resulted in a high degree of versatility among members interest and accomplishments.

**CENTRAL MICHIGAN LAPIDARY AND MINERAL SOCIETY** Lansing, Michigan. Presentation well organized, with strong supporting data. Under the direction of a central education chairman, members expert in a particular branch of lapidary or earth science taught groups of other members on a regularly scheduled basis. The club underwrote one half of the tuition fee for members who enrolled in a special geology course at Michigan State. Support of education was further demonstrated by gifts of scholarships to M.S.U. and Lansing Community College. A novel and imaginative item in the clubs service program was rock and mineral specimen gifts sent to host families in foreign countries by Youth for Understanding students.

**HONORABLE MENTIONS:** Lincoln Gem and Mineral Club, Lincoln, Nebr.; McDonnell Douglas Gem and Mineral Soc. St. Louis, Mo.; Michigan Gem and Mineral Society, Jackson, Mich.; Ozark Earth Science Club, Mountain Home, Arkansas. Pike County Mineral and Gem Club, Bowling Green, Mo.; Northwest Wisconsin Gem and Mineral Club, Rice Lake, Wis.

Midwest Federation Merit Award: **WEST RIVER EARTH SCIENCE SOCIETY**, Murdo, South Dakota. The club showed its zeal to help other collectors and the public find minerals and gems within the framework of federal regulations by erecting a regulation Forest Service sign on National Grasslands advising what materials may legally be collected there. The club officers and members also provided field guidance and information for the National Geographic article "The Glittering World of Rockhounds" which gave favorable publicity to the hobby of rock and fossil collecting by amateurs.

Runner up: **MICHIGAN GEM AND MINERAL SOCIETY**, Jackson, Michigan. Although the '73 activities of the club did not include any dramatic or novel project, the judges were impressed by the extraordinary energy and time which members expended in lecturing and demonstrating to schools, hospitals, museums, scouts and other organizations and groups. A great and coordinated educational effort.

## Holotype fossils

Thanks to Cecilia Duluk and her committee, the Midwest Federation now owns a permanent display of holotype fossils, each one of which was named for a member of the Midwest Federation.

The holotype display is composed of 9 marlite panels, aluminum framed, easily detachable, and each 32" x 42".

This holotype display is under the jurisdiction of the Special Display committee and may be borrowed for display at shows by clubs by contacting the new committee member, Richard T. Johannesen, Curator of Holotype Display, 1508 W. 38th St., Davenport, Iowa 52806 and by paying the freight both ways. We do hope clubs will make use of it. - Mary McNamar, Special Displays Chairman

Terry Huizing, Cincinnati, Ohio; 1st Vice President, Howard J. Taylor, Lincoln, Nebraska; 2nd Vice President, Miss Hazel Kuntz, Quincy, Illinois; Secretary, Miss Jean Reynolds, Clarendon Hills, Illinois; Treasurer, Mrs. Joseph McCloskey, Elm Grove, Wisconsin.

President elect Huizing will be seeking committee chairmen to fill vacancies that will occur. Also three or four state directors are to be appointed due to expiration of terms and resignations. If Terry calls on any of you to fill one of these jobs, please consider very carefully the call to serve your hobby to the extent of your ability. If you have been selected, it is sure that someone has nominated you because he or she feels that you can do that job.

## Junior activities

reported by Diane Dare, Junior Activities Chairman

A pat on the back from the Junior Activities Committee to: Jane Arney and Sandra DeNudd of State Line Gem and Mineral Society of Michigan who arranged for a special Children's Table at their club's big annual swap. Bidding was open only to those 12 and under to "give younger ones a chance to learn how to bid and find out what fun it is getting into a Silent Auction".

Edward Wilder, Junior Advisor for Racine (Wisc) Geological Society, Instructor of Lapidary at Wustum Museum of Fine Arts, conducted enrichment classes in lapidary for a group of eleven-year-old inner city students. He provided portable equipment and directed classes during which children cut and polished several stones in different shapes and materials.

A new Junior Activities Manual is now available. Copies will be sent to all clubs with junior members listed in the Directory. If you or your club would like a copy and have not received one, contact Clinton Heckert, Director of Supplies, 725 Stewart Street, Elgin, Illinois 60120. The first copy is free, additional ones \$1.50. Resource lists, program and project suggestions, sample agenda, etc. are given.

## Bulletin winners

At the National Show in Lincoln, Nebraska, the Midwest Federation announced thirteen winners in their annual bulletin contest.

1. THE GEODE, Willis D. Smith, Editor - McDonnell-Douglas Gem & Mineral Society, St. Louis, Mo.
2. MAGMA, Mrs. Eleanor Losiewicz, Editor - Lake Erie Gem and Geological Society, Lorain, Ohio
3. THE PYRITER, Willard Lamb, Editor - Dallas County Rock Club, Adel, Iowa
4. S.I.E.S. CLUB NEWS, Diane Dare, Editor - Southern Illinois Earth Science Club, Benton, Illinois
5. FLINT ROCK & GEM CLUB NEWSLETTER, Betty Fought, Editor - Flint Rock & Gem Club, Flint, Michigan
6. OZARK EARTH SCIENCE NEWS, Bernice Rexin, Editor - Ozark Earth Science Club, Mountain Home, Arkansas
7. GEM CITY ROCK NEWS, Rita C. Hagerbaumer, Editor - Gem City Rock Club, Quincy, Illinois
8. THE GLACIAL DRIFTER, Arthur A. Ferguson, Editor - Grand Rapids Mineral Society, Grand Rapids, Michigan
9. THE ROCKPILE, Joyce Hanschu, Editor - Midwest Mineralogical & Lapidary Society of Dearborn, Dearborn, Mich.
10. TULIP CITY CONGLOMERATE, Bette Smith, Editor - Tulip City Gem & Mineral Club, Holland, Michigan

1. FLINT CHIPS, Peg Crow, Editor - West Central Ohio Rock Club, Lima, Ohio
2. PICK 'N' POLISH NEWS, Roberta L. Smith, Editor - Pick 'N' Polish Club, Houghton Lake, Michigan
3. FACETS, John Larsen, Editor - Huron Hills Lapidary & Mineral Society, Ypsilanti, Michigan

## Walter H. Steinbrenner

It is with deep regret that we note the passing of Walter H. Steinbrenner in this issue. "Walt" was the husband of Katharine Steinbrenner, a past president of the AFMS and well known to hundreds of rockhounds throughout the country.

Services were held on May 16 at Merle Hay Funeral Home in Des Moines, Iowa.

Walt will be sorely missed by his numberless friends.

## Mrs. Helen Greer

We express our deepest sympathy to Russell Greer, former state director of Michigan, on the loss of his wife. Mrs. Helen M. Greer, former secretary of the federation, passed away on June 23rd and was buried on June 27th.

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

Regular Meetings: 4th Saturday of the month, 7:30 P.M., September thru May  
W. O. W. Bldg., 732 S. 27th St., Lincoln, Nebraska

1974 ELECTED OFFICERS:

President -----	Ralph Ulrich	3909 Pace Blvd.	Lincoln, 68502	423-0484
1st Vice Pres. ---	Frank Rule	6333 Kearney	Lincoln, 68507	466-1697
2nd Vice Pres. ---	Larry Bigley	6126 Hartley	Lincoln, 68507	466-0211
Rec. Secretary ---	Nelda Oliver	5700 Otoe St.	Lincoln, 68506	489-5222
Treasurer -----	John Harrison	Hickman, NE.	68372	792-3825

1974 BOARD MEMBERS: (Elected)

Norma Miller -----	931 Cottonwood Dr.	Lincoln 68510	489-8840
Tom Simmons -----	2970 South Street	Lincoln 68502	488-1619
Howard Taylor -----	910 New Hampshire	Lincoln 68508	432-3707
Marie Wells -----	2940 Vine Street	Lincoln 68503	435-6758

STANDING COMMITTEE CHAIRMEN:

Liaison -----	Norma Miller
Hospitality -----	Virginia Green
Refreshments -----	Stan & Hazel Greenwade - Don & Edna Carter
Membership -----	Marita Bigley
Vaja Con Dios -----	Marie J. Carveth
Historian -----	Frances Tracy
Librarian -----	Joella Olson
Housing & Property -----	Frank Rule
Field Trips -----	Larry Bigley, Tom Simmons, Don Carter
Education -----	Roger Pabian
Program -----	Florence Boring
Calling Committee -----	Wilfrid & Ollie Wittmann
Community Arts Council -----	Rev. & Mrs. Raymond Pfeiffer
NAOESCI Reporter -----	Luella Paul
Scholarship -----	Julius & Myrtle Young
1974 Swap -----	Don Duckett
1974 Show Director -----	Irl Everett

STEERING COMMITTEE 1974 SHOW - Ralph Ulrich, Howard Taylor, Bruce Simon, Irl Everett

PUBLICATIONS CHAIRMAN ----- Art Howlett

PICK & SHOVEL STAFF ---Editor - Evelyn Ulrich Phone 488-9051  
3521 So. 48th St., Lincoln, NE 68506  
Typist - Rosa Lee Wright  
Publisher - Phyllis Parks

Contributions from members are welcome and needed. Deadline for material is the 5th of the month. Please send to the editor.

Articles published in THE PICK & SHOVEL may be reprinted if credit is given the author and the bulletin, and a copy of the publication is sent to the editor.

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MEMBER: Community Arts Council

Maurice & Frances Tracy  
3601 South Street  
Lincoln, NE 68506

Exchange Editor: Evelyn Ulrich  
3521 S. 48th St.  
Lincoln, NE 68506

A MAMMOTH EVENT

NATIONAL GEM & MINERAL SHOW

LINCOLN GEM & MINERAL CLUB - 16th ANNUAL SHOW - June 13-16, 1974

Host to: The American Federation of Mineralogical Societies Show & Convention  
The Midwest Federation of Mineralogical & Geological Societies Show  
and Convention  
The Nebraska Association of Earth Science Clubs Annual Show and Convention

THE PLACE TO GO IN 1974 - NEBRASKA STATE FAIR GROUNDS - June 13-16, 1974  
LINCOLN, NEBRASKA

