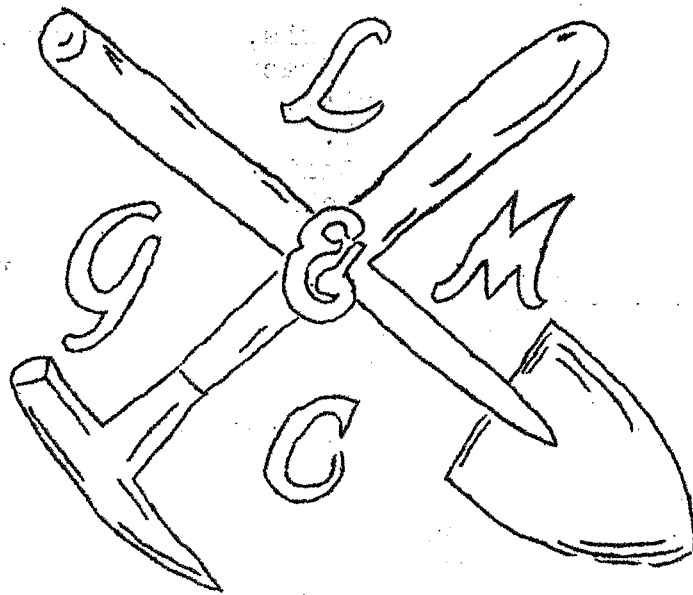


THE PICK & SHOVEL



AUG 1969

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

Lincoln, Nebraska

Official Publication of
THE LINCOLN GEM AND MINERAL CLUB, INC., LINCOLN, NEBRASKA
Box 29356

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

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AFFILIATED WITH
MIDWEST FEDERATION OF MINERALOGICAL AND GEOLOGICAL SOCIETIES
AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES

IN MEMORY...Lincoln Gem & Mineral Club members dedicate the following poem to our dear friend Clyde A. Miller, who departed from us on August 5th after a long illness. We extend our deepest sympathy to Helen and the members of her family.

ONLY FOR A WHILE

For a while we tarry on the streets of life,
Paved with wordly problems, marred with untold strife.

Some folks have a rough road, others have it smooth,
Some People are winners, others stand to lose.

For a while we suffer, tries are all in vain,
Then when least expected - sun follows the rain.

There are happy spaces, few and far between,
Lasting for a moment-darting from the scene.

Time is only borrowed, we cry and then we smile.
Life is not forever - it is only for a while.

- Ben Burroughs

REQUEST FROM YOUR SHOW FLOOR CHAIRMAN - FRANK RULE

For an adequate supply of tables it is necessary to know the approximate number of cases you intend to display, or the size of area needed for your displays. Please contact Frank Rule at 466-0453 now so he can make arrangements with the auditorium personnel or he will contact you. (Beat him to the draw...call him first and surprise him.)

A NOTE FROM YOUR PUBLICITY CHAIRMAN - BARBARA ALLEN

Some unique plans for publicity for our Annual Show are in the works and I urge each member to take full advantage of that publicity.

Tickets for advanced sale should be available by the time the next issue of the PICK & SHOVEL is out - start NOW to make a list of those you wish to contact. Advanced planning is what will make this Show a bigger and better success than ever.

Remember, nothing breeds interest like enthusiasm. And you have much about which to be enthusiastic! Just look over the marvelous displays and events the committee has lined up for the Show on the next page.....

SWAP NOTICE ...The Prairie Rockhounds, Ogallala, Nebraska
 East Side of Lake Ogallala, below Lake McConaughy
 at the State Recreation Area, August 9 - 10

CAMP OUT - BUY - TRADE - SELL - DISPLAY

Program - Saturday evening..comical old time movies..Abbott & Costello

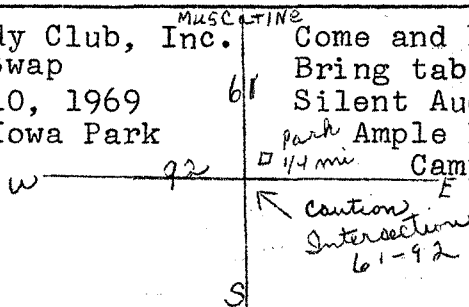
POT LUCK DINNER - Sunday Noon

Silent Auction - Saturday eve. 6:00 PM and Sunday 11:00 AM

Entry fee - rock specimen for auction

SWAP NOTICE ...Mineral Study Club, Inc.
 6th Annual Swap
 August 9 - 10, 1969
 Grandview, Iowa Park

Come and have a good time
 Bring tables & chairs
 Silent Auction
 Ample Parking
 Camping



COMING EVENTS

- Aug. 9-10 ROCK SWAP, Prairie Rockhounds, Ogallala, NB (above)
- Aug. 9-10 ROCK SWAP, Grandview Park, Grandview, Iowa (above)
- Aug. 16-17 Northwest Nebr. Rock Show, Crawford, Nebraska
- Aug. 17 Western Fairburn Geological Soc. Field Trip & Swap
 Meet at Standard Station 9 AM at Interior, SD
- Aug. 23-24 Sac & Fox Lapidary Club & Mid-Iowa Rock Club Swap
 Riverview Park, Marshalltown, IA
- END OF AUG. FIELD TRIP - TO WYOMING - CALL TOM SIMMONS OR HOWARD TAYLOR
- Aug. 30-Sept. 1 Nebraska State Rock Show, sponsored by Nebraska
 Mineral & Gem Club, Nat'l. Guard Armory, Omaha, NB
- Sept. 14 Fort Randall Gemites, Rock Swap & Picnic, Randall Park,
 Pickstown, SD
- Sept. 19-21 Plains Rock & Mineral Club Show, Kimball, NB
- Sept. 27-28 LINCOLN GEM & MINERAL CLUB SHOW, PERSHING AUDITORIUM
 LINCOLN, NEBRASKA

It has been reported that the Haith Quarry at Holmesville was entered without permission and a quantity of dynamite and caps was stolen around July 1 by unknown persons. Anyone having information that would lead to the apprehension of the guilty party (parties) please contact the Gage County Sheriff. As members of LGMC we have enjoyed collecting in this quarry and any help we can give the owner would be in order.

The new MWF Directory states that two years ago 56 clubs were listed as having attained 100% or more in participation in the AFMS Scholarship Foundation. Last year there were 89 one-hundred percent clubs and this year we have 106 that are 100% or better. (Scholarships are granted to Graduate Students who are working toward their Masters Degree in the field of Earth Science.) Two Nebraska clubs have attained 100% or more. It is interesting to note many of the clubs listed have reached 500%, 600%, 700%, and even 1000%. Let's try to get our LGMC club in an upper % by saving Betty Crocker and/or General Mills Coupons, and submitting them to Helena to bring up our standing.

CONGRATULATIONS...We read via the Rear Trunk that Claud and Rosalie Clary won a Blue Ribbon at the National Show at Salt Lake City, with their case of spheres. National honors are not easy to come by and we know they are proud and pleased with their accomplishments.

Claud Clary has also been named Chairman for Nebraska of the Johnny Horizon Clean-Up Days to be held Oct. 10, 11 and 12. His co-chairman is Charles Schafer. This pair of fellows are busy guys as they also are active in the Nebraska State Association of Earth Science Clubs, Claud as president and Charlie as the Association's editor.

LGMC members were again involved in hosting a Field Trip for some of the students attending the Science Teachers Seminar at Wesleyan. These outings are always enjoyable as well as educational. One trip was to the Holmesville area for crystals when the temperature hit 106°, and the following week-end some quarries near Weeping Water were visited for invertebrate fossils. A welcome swim at the State Lake at Louisville ended the enjoyable excursions for students from Pennsylvania, Washington, Utah, Iowa, Illinois, Minnesota, North Carolina, Alabama, Mississippi, California and New York. Perhaps next year will bring another such session.

NOTICE....Anyone interested in the collection of sea shells owned by Sister Ambrose on the staff of St. Elizabeth Hospital, please call Marie J. Carveth, 432-9100. My information on these is that it is quite a nice assortment and the sample I have seen bears this out. The price has not been discussed, but I am quite sure it will be fair. mjc

DEADLINE for September bulletin is Sept. 1st. Thanks much to all who are contributing, I am very grateful. Your bulletin is good reading because you are helping make it so. nm

11th Annual

Gem & Mineral Show

September 27 - 28, 1969

10 AM to 9 PM Saturday; 10 AM to 8 PM Sunday

Pershing Municipal Auditorium

Lincoln, Nebraska

FEATURING

The Great Seal of the United States

An 84 lb. reproduction of the Great Seal done in stones
Won the 1963 San Jose Federation Show!

Jupiter's Jewelry

15 giant pieces of jewelry weighing 122 lbs
Another award winner

The Masque of the Ancients

A copper mask, 1½ feet by 2 feet,
adorned with stones. Featured
in Gems & Minerals Magazine

PLUS

An extensive collection of
Indian Artifacts shown by
Charles Neerman of Nebraska City

An outstanding display of
Petritified Wood from DuBois,
Wyoming

Three illustrated lectures daily -
including talks of Turkey and Australia

Gem Faceting Demonstrations

Silversmithing Demonstration

Working Shop

Fluorescent Display

Over 200 Individual Exhibits!

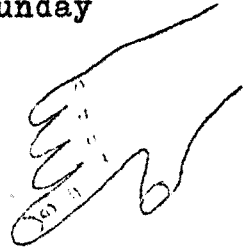
12 Dealers

and much more

LINCOLN GEM & MINERAL CLUB, INC.

Lloyd Lederer, Show Chairman

Box 29356, Lincoln, Nebraska 68529



PRESIDENT'S FIELD TRIP

Iowa or Bust! That was the slogan that hot July 3rd evening.

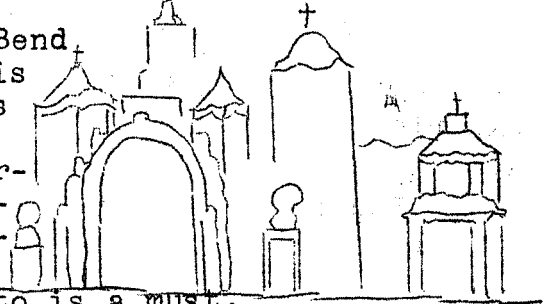
Ten members of LGMC arrived at Viking Lake east of Red Oak, Iowa, on or before 9:00 PM. The group included John & Lillie Lewis, Lloyd & Louise Baugher, Bob & Nelda Oliver and son Jim, Mac McKinney, Van & Vi Van Cleave.

We were met by Dr. Coulter of Red Oak, a rock hound of years standing. His help in locating a parking place was most appreciated - it looked as if Iowa had turned out every tent and camper for an outing.

After we were settled and had the mosquitos well fed Vi's big roaster and Louise's corn popper turned out popcorn for the crowd.

Friday the 4th Dr. Coulter gathered us all at Red Oak and led us to Quarry No. 1 where a fair quantity of rice agate was collected and some fossil crinoid and brachiopods. At the second quarry the picking was for "purple quartz" and some fossils.

Afternoon, we headed straight for West Bend and the "Grotto of the Redemption". This was the high light of the trip. This is one of the most fabulous sights to be seen. Not only for the beauty and interest of the Rock Hound but also the dedication of a Godly man to present the Redemption in a shrine for all to behold. For anyone of any walk of life the Grotto is a must.



We camped on the grounds by a mirror lake, took the tour that evening before dark and after the lights came on we went back and looked and marveled and awed at this "out of the world" place. Even the next morning long before most people are out of bed you could find members back again as if to try to memorize the place so as never to forget.

For the evening get together at the Grotto a pot luck supper was held, each bringing their contribution.

Daughter and son-in-law and "Little Larry" of the Baughers arrived to join the group Friday evening and travel with us the rest of the trip.

Saturday noon we left for Ponca State Park, Nebr. When we arrived the campers and tents were stacked two wide and four deep but we managed to park in an individual place. Entertainment that evening was Roast Wieners plus a Watermelon Feed and "Little Larry" who provided much of the show.

Sunday was the day for picking selenite (or gypsum) at New Castle. Specimens were small but there were quite a few real good feathers (leaves) and fishtails as well as the solid pieces with the perfect cleavage planes.

I would like to thank John Lewis in behalf of the group for his effort as host at the New Castle Volcano site. We lost count of

(continued next page)

PRESIDENT'S FIELD TRIP (continued)

our time which did not allow John to really fulfill what he had planned for this outing. We ask John to accept our apologies for shortening the stay and forego dinner at the river.

About 2:00 PM Sunday we took the road home feeling sad for having to give up what was a wonderful President's Field Trip.

- Van (Lawrence VanCleave)

NEBRASKA CITY FOLK send their thanks to LGMC members who participated in helping to make their Hobby Show a success. It was truly appreciated.

MY SINCERE THANKS for the many prayers, calls, cards, and words of wisdom and encouragement. I shall be eternally grateful for the kindnesses of so many friends. Lloyd's progress is slow. The doctor said yesterday (Aug. 3) that he would be in the hospital for three months. You have no idea how much therapy your cards administer. My sincere thanks - Louise Baugher

TO ALL MEMBERS OF LGMC - my heartfelt thanks for your support, both mentally and physically. I have enjoyed working with you as committees and individuals. This has been a truly enjoyable experience for me.

As a club we still have a big undertaking in our coming show. Lloyd Lederer and his committees have been working long and hard getting the ball rolling. In the long run individual members will finish putting the SHOW together. Let's give Lloyd and his crew our full support. This is a club project!

Again, Thank You one and all - Larry Rupert, Swap Chairman

Irl & Lois EVERETT received a letter from Ruth Hawkins (whom many of you know personally) stating she is opening a rock shop near a summer camp at Moose Lake, Minnesota. Follow the ARROW HEAD MUSIC CAMP signs out of Barnum, Minnesota about 2½ miles, Ruth's trailer-Shop is in the yard of her sister's home. Name on the mail box is Heller. Though she will not be able to attend our Show this fall she has attended AND participated in many in the past. Let's stop and see her when in her area.

WATCH - near the Varsity Theatre for the all-new jewelry shop as our members Margaret and Roger Simmons, are changing locations. Lots of luck to the new operation.

FIELD TRIP...THE DIRTY DOZEN HITS THE ROAD...Sound like fun? It will be! Some time during the last 10 days in August to the Labor Day week-end, or any part of that time. Details have not been firmed up as yet for printing. For further information contact Tom Simmons, Howard Taylor, or Jim Parks. On the agenda - Hay's Ranch...Eden Valley wood...Turritella...and more...

SHOW TIME is just around the corner...before you know it the day will be here. Are you Ready?

ATTEND the State Association Show hosted by the Omaha Club - August 30 through September 1. (Labor Day week-end) Guard Armory.

DID YOU KNOW

Mr. Jerry Kohn II is looking very professional in his white jacket, working as an orderly at St. Elizabeth Hospital. And handsome with that mustache, Jerry! Good Luck!

The past month brought visitors to the V. A. Carveth home, from sunny Hawaii. A.T./lc H.E. Schamp II and family traveled by air to Travis AFB, by car to Kingman, Arizona and on to Lincoln. A busy week at the Carveth house with three lively youngsters about and interesting to hear Hawaiian words spoken by the little ones. Virg's mother, Mrs. Mark Carveth of Burbank, California, is at present a guest with the Carveths.

Our prayers for a fast recovery of your health, Lloyd Baugher, and also Clyde Miller. And a special prayer too, for Louise and Helen -- Have Courage.

Jerry and Dorothy Kohn and Rick will enjoy fishing in Minnesota for two weeks. However, Rick will return to enter the state-wide chess tournament. Nice going, Ricky.

Ralph and Kay Ulrich visited Edmondton, Alberta, Canada, recently, spending a week with their son Fred and family. Fred is mastering French this summer, and his little daughter Britt has joined him! Kay and Ralph attended Klondike Days, similar to our Nebraskaland Days. Bagpipes and Kilts were representative of the Scotch clans in the parade. Kay says they met fellow rock-hounds, did some trading with them. Jasper National Park as well as Banff were visited; also Drumheller Badlands, similar to our Badlands in Nebraska. Many museums were visited along the way, and all proved most interesting.

Chris Engelhart will soon report to Fort Benning, GA, N.C.O. School and he is now a Corporal.

Millie and Bob Bainbridge are the proud owners of a new Winnebago trailer. It is a beautiful one, and a real home away from home. Millie and Bob had a fine trip to Phoenix, Arizona, this summer via United Airlines. They spent two weeks with their son at Mesa, who is a foreman on a dude ranch and a week with the Arthur Bloyds and Floyd Olsons. They were entertained very royally, Millie says, they had wonderful cook-outs, trail-rides and rock hunts via jeep. Velma is beautifully tanned, all feeling fine and enjoying their new home in Arizona.

Irl and Lois Everett are happy to have their daughter and husband, the Fred Smiths, back in Lincoln; Fred to be on the staff at Southeast Hi.

Frank Rule's family chalked up 5,664 miles this summer, via trailer, from Nebraska to Washington State, down the coast and back. Frank found a rare specimen, a Mastodon tooth, at Ames, Nebr., right here at home.

A guest at the Rock-Swap, Mrs. Ed Schnell of Omaha, was wearing a most unusual necklace, a "geode-like" coral with a tiny chipmunk peeking out! Unusual treatment to a piece of unusual coral.

(continued next page)

DID YOU NOW (continued)

Roger Pabian is the owner of a beautiful Afganastan Hound, jet black in color. She answers to the name of "Missy."

Don Rankin's sister and daughter, Mrs. Jeanne Chamberlain and Coral, of Waltham, Mass., were probably our guests from the longest distance; to visit our "Rock Swap". Jeanne is a member of the Boston Mineral Club.

Who at the Rock-Swap picnic supper, ate her meal off of a most unusual - latest type - dinnerware - 2-part plate??

A young man attending our picnic was a most interesting personality with a terrific smile - Gene Pharaoh of Springfield, Nebraska. He tells this reporter he is 13 years old, has been a rock-hound since he was 1 year old and has hunted many places and over 8 states. His father is a science teacher at Springfield and active in Boy Scout Work. Come again, Gene!

DeLores DeRyke, her father, Jim DeRyke, and Uncle Joy Crandall entertained the guests and members with their wonderful "Ol' Time Fiddling". De wears a beautiful sterling silver violin, handmade for her, and it is perfect in every detail, not longer than 2 inches.

Mr. & Mrs. Waddle have had fun taking care of their grandchildren this summer. Lucky kids!

A side-light to the Murdo trip and a most interesting item - the J. D. Youngs have given a large beautiful piece of petrified wood to the High School there. Mr. Young, in the early days of his teaching career was on the staff at Murdo High School. Among his students was a very attractive young lady, namely Mrs. Young, but then a beautiful young miss! Romance blossomed and they were married! And they lived happily ever after. Our friends the Youngs!

Tom Simmons is enjoying his retirement from the Navy! The Simmons daughter has been visiting here from California, Tom informs us. Next year Tom and Caroline will head up the Alcan Highway to Alaska.

Peter Crawford, Jim & Phyllis Parks' son, was married recently in Paris, Illinois. The new daughter-in-law's name is Anne.

Another wedding of interest to the LGMC members was held Saturday, August 2. John Baumeister, the son of Mr. & Mrs. Dean Baumeister, took as his bride Miss Cecelia Griffiths.

Remember, Privilege has its obligations!

Until next time-Marie J. Carveth

P.S. Contratulations to Floyd Fellows and his wife, married 22 years August 2, 1969. (nm)

CHINESE PROVERB: You cannot prevent the birds of sorrow from flying over your head, but you can prevent them from building nests in your hair. mjc

MOON TALK

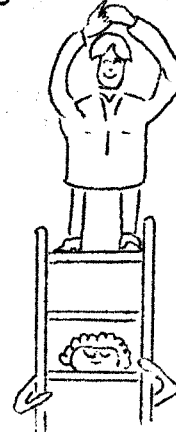
We add our applause to that already rendered our astronauts, and the many people involved in this great accomplishment. As Americans we all stand a little taller, hold our heads a little higher, as this is one tremendous advance in the space age that has been observed the world over.

We are aware of the precious parcel of rocks collected and brought back to earth and are following the results of tests being performed. Our interest lies here as well as in the flight itself.

Our congratulations to the trio. And to the wives also, our vote of thanks for their patience and strength in those hours of anxiety. The following poem is apropos.....

You men who climb the ladder of success
And stand upon the top, all flushed and heady
I hail you! but I also hail, no less,
Your wives, below, who hold the ladder steady.

- Richard Anderson



Punny:

CORE SAMPLES TAKEN FROM THE MOON WERE FOUND TO CONTAIN LITTLE BUGS
They are known as "luna-ticks" --via Irl Everett

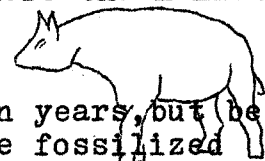
NEW MONARCH AT THE MUSEUM

Our good friend, Dr. C. Bertrand Schultz, Director of the State Museum here in Lincoln and curator of paleontology, has a new giant to reign over the University of Nebraska State Museum. Nicknamed Baluchi, the monarch is the life-size restoration of Baluchitherium, a hornless rhinoceros which lived in Asia during the late Oligocene and early Miocene Periods.

The BALUCHITHERIUM rhinoceros is one of the huge and bizzare mammals that inhabited Central Asia and the surrounding regions during the Tertiary Age. The present-day Indian rhinoceros would reach about a third of the way up its fore legs; so would an adult man of average height. A procession marching six abreast could pass comfortably under its body. The neck, similar to that of a horse, was 8 feet long and its skull over 4½ feet long though only two feet wide. He stood 18 feet high at the shoulders and measured 30 feet long. The earliest remains of these mammals were found in Asia in 1907-1908. In 1922 Prof. H. F. Osborn, former director of the New York Museum, described the fossil vertebrate as a new species, Baluchitherium grangeri. Baluchi stands for the country in Asia where the mammals lived; therium means beast.

These huge animals did not migrate to North America. Their relatives lived in Nebraska for some 35 million years, but became extinct in N. America prior to the Ice Age. The fossilized remains of the largest rhinoceroses in the New World were found in Nebraska and are on display here in the State Museum but they measure no more than 4½ feet tall. Mere midgets compared to Baluchi.

The restoration of Baluchi was made possible by a gift from Mr. & Mrs. Walter Bellon of Columbus through the U. of Nebr. Foundation. Restoration was begun in 1968 and will be completed by mid-November.



THE SECRET OF STONEHENGE REVEALED?

This summer the 3,000 year old mystery of Stonehenge in Wiltshire, England, may be solved as the great secret of antiquity yields to the archaeologist's spade. Many of you will remember the wonderful slide-lecture presented by Professor Bill Boxwell.

"Stonehenge One", built about 1800 B. C., was a circular bank, probably about 5 feet high with a ditch outside it and a ring of 56 pits inside. Their function remains a mystery.

"Stonehenge Two" was built between 1600 and 1550 B.C. of unique "bluestones" brought from southwest Wales. They were probably transported up the Bristol Channel, a total distance of 240 miles. The stones weighed up to four tons, and there were at least 80 of them.

"Stonehenge Three" was built around 1500 B.C. Over 80 gigantic blocks of stone, weighing from 7 to 25 tons, were dragged from the Marlborough Downs, 20 miles away, and set up in the pattern.

Many people are awaiting the answers that have been sought since the time of the Romans. The digging was expected to begin in June. (The truth will out)

SARDONYX and/OR PERIDOT BIRTHSTONES FOR AUGUST

According to the American National Jewelers' Assn., Sardonyx, with an alternate of Peridot for those who prefer a faceted stone, is listed as the August Birthstone. This was not deviated from in the 1938 Conclave of the American Gem Society.

Sardonyx is one of the Firststones used for ornamental purposes. We find in the Book of Revelations (21), that the 5th stone of the 12 Foundation Stones of the New Jerusalem, is the Sardonyx. Such stones are especially desirable for cameo work and were used by the Egyptians the Assyrians, and the Children of Israel at least 2000 years, B.C. The Sardonyx is Chalcedony (Agate), with straight parallel bands, or layers of reddish-brown to brown, alternating with other colors.

The Peridot has an interesting background of legend and superstition. It was called "the gem of the sun" by the ancients. Their belief that it had the power to dissolve enchantments and to put evil spirits to flight was probably due to this association with the sun, before whose life-giving rays darkness and all the powers of darkness were driven away. For Peridot to exert its full powers as a talisman, it had to be set in gold; worn in this way, it was thought to dispell the terrors of the night. If, however, it were to be used as a protection from the wiles of evil spirits, the stone had to be pierced and strung on the hair of a donkey and then attached to the left arm. When powdered, Peridot was used as a remedy for asthma; when held under the tongue, it was believed to lessen the thirst in fever.

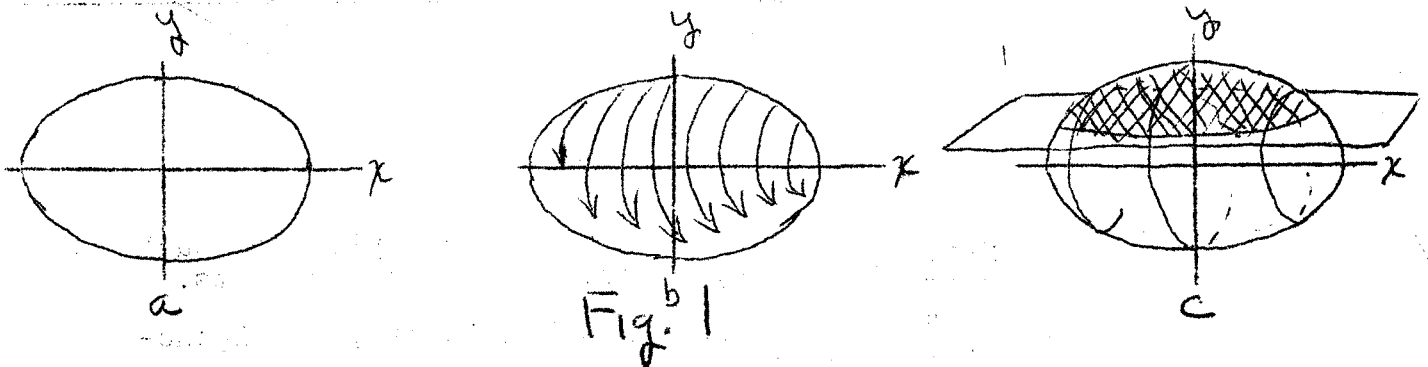
One beautiful example of Peridot is in the Diamond Treasury in Moscow. At the times of the Crusades, Peridot was brought back from the Mediterranean area and presented as emeralds to European cathedrals, where they still remain. (from the Gemological Institute of America.)

FREE FORM OR ACCIDENT

by Roger Pabian

A common question to meet the gem cutter is: "Is a particular cut a free form or is it an happenstance?" What makes one stone a beautiful free form and another an accident? The answer is that a true free form stone is planned before the stone is cut.

Free forms can be defined but first, let us define a standard round or oval cabochon. See figure 1.

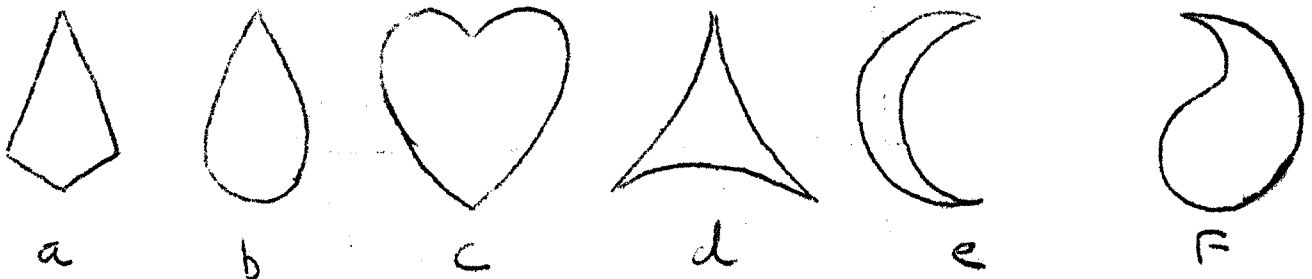


The oval cabochon is actually an ellipse (Fig. 1a) which can be expressed by the mathematical function

$$\text{Equation 1. } \frac{x^2}{a^2} + \frac{y^2}{b^2} = 1$$

Rotate the ellipse around the x-axis to produce a "football-shaped" ellipsoid (Fig. 1b). Pass an imaginary plane through the ellipsoid and an oval shaped cabochon solid is defined. A circular shaped cabochon is defined by Equation 1 if a = b. A free form cabochon, like a standard form, must be expressed as a mathematical function. Therefore, a free form cabochon is constantly reproducible.

How do we reproduce the following patterns?



a) Start on an x-y coordinate system. Two lines

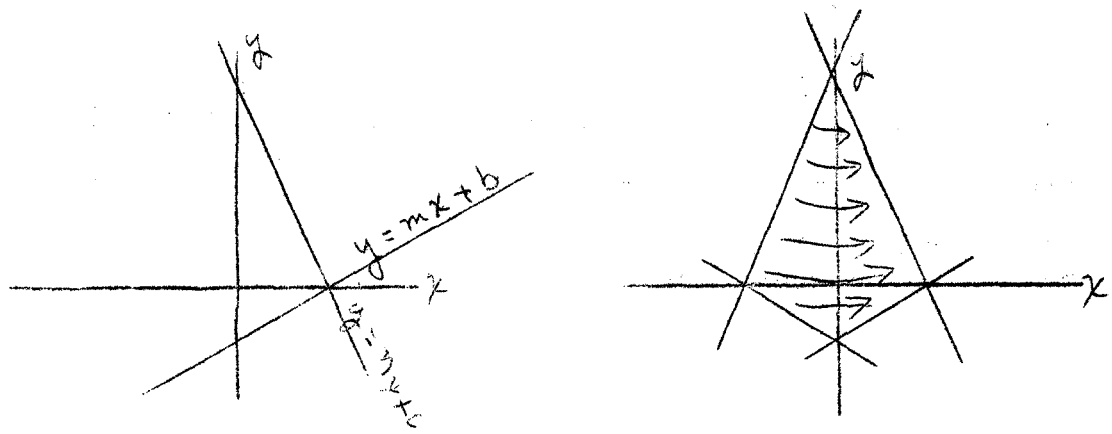
$$y = mx + b$$

$$y = nx + c$$

give the following:

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FREE FORM OR ACCIDENT? by Roger Pabian (continued)

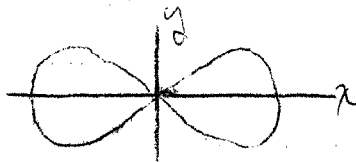


Rotate the triangle around the y-axis. Pass a plane through the solid, parallel to the x-y plane. The "kite" results.

b) The "tear-drop" is a section of a lemniscate, a trigonometric function expressed by

$$r^2 = 2 a^2 \cos^2 \theta$$

cos = cosine

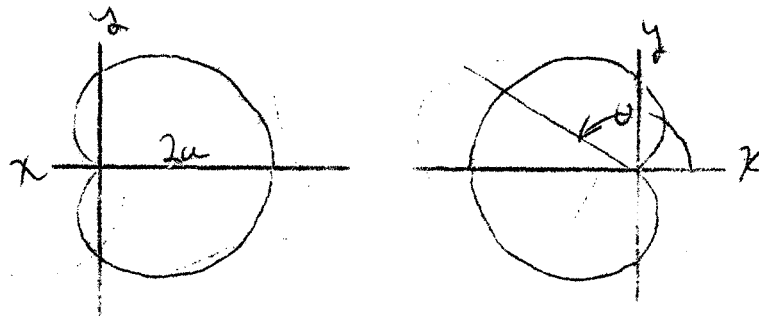


Rotate either half around the r-axis. Pass a plane through the origin, O, through any point on the droplet. A tear drop results.

c) A "heart" is a figure called a cardioid which has two functions:

$$r = a(1 + \cos \theta)$$

$$r = a(1 - \cos \theta)$$



Rotate around x, pass the plane along y, through o, at same angle to x. A heart results.

How do we do (d), (e), and (f)? Knowledge of math is not necessary if you properly manipulate the lines, circles, or ellipses. Try your luck. The answers will appear next month, as will a few more brainteasers.

REPORT OF MWF FIELD TRIP CONVENTION

The West River Earth
Science Society of
Murdo and their co-
hosts - The Badlands Sandhill

MWF '69

Earth Science Club of Mission, The Western Fairburn Geological Society of Martin and The Rosebud Geological Society of Winner are to be congratulated on a wonderful convention. These clubs are small but cooperation between them, the towns folk of Murdo as well as surrounding towns was in evidence everywhere.

On Wednesday afternoon a trip was planned for us to the Rosebud Reservation. Our guide was Mr. Howard Shunk of Rapid City, who was a former superintendent of the reservation. Everyone enjoyed him so very much. We visited their art center where many of the visitors purchased souvenirs. At the Agency headquarters we heard how these people have learned trades and have set up industries to support themselves. We then drove through the ruggedly beautiful canyon along the Little White River. Here the Rosebud Sioux operate and maintain Ghost Hawk Campground and a new camping trailer park where their ancestors have camped for generations and which is the oldest campgrounds in America. Many of us had taken along a lunch so we spent some time here enjoying the beauty of this park before returning to Murdo.

The Council meeting began at 9:30 Thursday morning. June Zeitner, President of the MWF presided. She appointed Leo Yanasak as timekeeper and requested that all reports be limited to five minutes because of the volume of reports that needed to be given.

The treasurer, Bill Dahlberg, reported a total club membership of 215, with a total membership of 14,707. This is a gain of 906 members. Three additional clubs were approved for membership, making a total now of 218 clubs.

The historian, Russell P. MacFall, reported that the federation archives in the geology department of the Field Museum of Natural History in Chicago now fill 12 standard file drawers. With the continued growth of the archives, a problem is developing and consideration is being given to micro-filming these records. He has had co-operation from a large number of clubs in sending in their club histories and consideration is being given to publication of them.

A "Bibliography of Earth Science Materials" has been prepared by the education committee and two copies will be sent to each club as a valuable tool toward helping the clubs with educational programs.

The ten State Vice-Presidents were called on for their reports. Seven of them had turned in written reports and a copy had been given to the delegates. It is interesting to read about the

(continued next page)

REPORT OF MWF FIELD TRIP CONVENTION (continued)

activities that the different clubs are undertaking and I am sorry that space in our bulletin doesn't permit printing these reports in full. Reports were given by the chairman of the division and permanent committees. The reports that were published will be turned over to Mr. McKinney for his review and files.

Margaret Yanasak, chairman of Uniform Rules, says that if you have a complaint send it to her but if you wish to order manuals, the order should be sent to Verne Montgomery. This committee is also working on a training program for judges.

All clubs are urged to send in directory information, as requested, so that clubs will have proper listing. Many of them come in too late and they have to use last year's information.

The proposed revisions of the By-Laws and an explanation of changes will be sent to the clubs in the fall for study and balloting. Mention was made that "Robert's Rules of Order" is now printed in a paper back form and clubs are urged to obtain a copy, if they do not already have one.

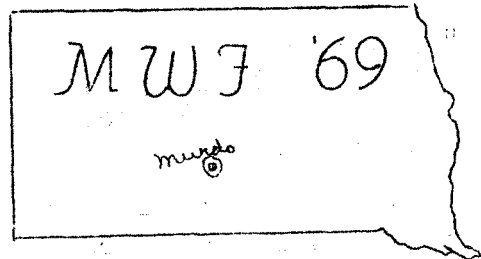
Only 35 clubs reported that they have a Safety Director for field trips. Clubs are urged to appoint one and send the name to Max Holliday so that he can send an outline of ideas.

The 1970 convention and show will be held July 23-26 in Minneapolis, Minn. The 1971 convention and show will be in Mansfield, Ohio, in 1972 at Ishpeming, 1973 is still open and in 1974 the combined American and MWF convention and show at Lincoln, Nebr.

The Special Displays Committee has prepared a simple list of exhibitors names and address and a description of the exhibit for club shows. Determining the quality or uniqueness of any display will have to be the responsibility of those arranging the shows.

The Scholarship chairman announced that we now have one 1,100% club in the MWF. She urges that we continue to send in Betty Crocker coupons for "Dollars for Scholars".

It was suggested that each club have a Public Relations Committee. Consideration is being given to printing up a certificate of appreciation for clubs to give as a special "Thank You." Blanks would be left for the club to fill in. Cost would be approximately 5¢ to 8¢ with the volume that the MWF clubs would probably need.



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page)

The following officers were elected for the fiscal year November 1, 1969 to October 31, 1970:

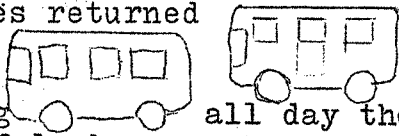
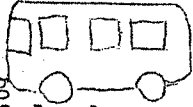
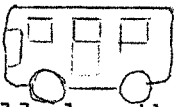
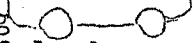
REPORT OF MWF FIELD TRIP CONVENTION (continued)

President - Russell MacFall, Evanston, Illinois; Vice-President - Jay Wollin, Morton Grove, Illinois; Secretary - Miss Jean Reynolds, Clarendon Hills, Ill.; Treasurer - B. G. Dahlberg, Minneapolis, Minn.; Historian - Elsie Popejoy, Normal, Illinois.

The Catholic, Lutheran and Methodist churches prepared the Executive Board Buffet, The Editor's Breakfast and the Delegates Luncheon as well as box lunches for the field trips. Very unique favors were given to all guests at each of these functions.

Gov. Frank Farrar of South Dakota gave an address at the ribbon cutting ceremonies. A free barbecue was served to over 2700 persons (in 57 minutes) by the Lion's Club.

All persons registering were requested to bring a specimen for the rock auction. A silent auction was held in the auditorium and some very special items were sold by three very lively auctioneers.

Friday a field trip to the Badlands was scheduled. Buses had been arranged for 1200 people for \$3.00 per day per person. Buses started leaving about 6:30 that morning in the rain. It rained - it rained and it rained. Some of the rockhounds did get off the bus but didn't hunt very long. Several of the buses returned  to Murdo and the rest of us went to  Wall where we shopped a while at the  famous Wall Drug Store. After nibbling  all day there were some who still had room for buffalo burgers. Upon returning to Murdo we found a lively swap session going. This was something new for many and really a lot of fun.

On Saturday we boarded the buses again and headed for the Bad Lands. Hunting was difficult as you soon had pounds of mud on each shoe, which you carried with you step by step. However, the "Fairburns" must have been easier to spot because a lot of them were found that day.

The annual banquet was well attended and was a very fine event. Each guest was given a slab of native stone with the State of South Dakota sand blasted on it. Mr. A. I. Johnson, South Dakota State Mine Inspector, gave the address and June Zeitner presented the Merit Awards.

Special events were scheduled for the children, more rock swapping, pictures and a street dance. The coffee pots were on - courtesy of the Pierre Chamber of Commerce, free shuttle buses were provided to take you from your motel, campground or parking lot to the downtown area or to the auditorium and you could hop on and off whenever you pleased.

Sunday field trips were scheduled but many people left for Salt Lake City for the American Federation show, their homes
(continued next page)

REPORT OF MWF FIELD TRIP CONVENTION (continued)

or other directions for the balance of their vacation.

The familiar faces we saw of the Lincoln Gem & Mineral Club were those of Lloyd and Louise Baugher, Joanna Pope & Larry Jr., Norman and Dorothy Engelhart, Norma and Randy Miller, Evelyn and Glen Ulrich, Ralph Ulrich and ourselves, Maurice and Frances Tracy. I am sure we all appreciated the many hours of work that these fine rockhounds spent in preparing for our comfort and enjoyment.

- Frances Tracy, Delegate

+ + + + +

THE TONGUE

"The boneless tongue, so small and weak,
Can crush and kill," declares the Greek.
"The tongue destroys a greater horde,"
The Turk asserts, "than does the sword."

A Persian proverb wisely saith,
"A lengthy tongue - an early death."
Or sometimes takes this form instead:
"Don't let your tongue cut off your head."

"The tongue can speak a word whose speed."
The Chinese say, "outstrips the steed."
While Arab sages this impart;
"The tongue's great storehouse is the heart."

From Hebrew hath this maxim sprung,
"Though feet should slip, ne'er let the tongue"
The sacred writer crowns the whole,
"Who keeps his tongue doth keep his soul!"

- Philip B. Strong
(contributed by Mac)

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REPORT ON MWF FIELD TRIP CONVENTION - Murdo, SD, June 12-15 '69

The MWF Trip Convention at Murdo, SD was one huge success! Thanks must go to the four host clubs, the West River Earth Science Society of Murdo, the Badlands Sandhill Earth Science Club of Mission, the Western Fairburn Geological Society of Martin and the Rosebud Geological Society of Winner. Also to all the South Dakota Clubs, MWF President June Zeitner, Show Chairman Bob Wilson, Lions Club representative Bob Evans, the various church and civic organizations, the Civil Air Patrol, and the many, many people involved in producing such a tremendous affair in such an orderly manner. It was heart warming to see and feel the cooperation and hospitality shown to the near 3000 registrants, and according to June the convention must have been pre-destined to be held in that area as the initials of the 4 host towns identify with MWF - that is - Murdo, Mission, Martin and Winner! So be it.

The meeting was called to order at 9:30 AM and this delegate came in 30 minutes late due to the Editor's Breakfast but
(continued next page)

MWF FIELD TRIP CONVENTION REPORT (continued)

reports from Frances and Glen will contain what I missed. Reports of the State Vice-Presidents were in progress as I entered. Most reports had been submitted in advance, assembled, printed and distributed at the meeting, but a maximum of 5 minutes was given to all officers and permanent committee chairmen to report from the floor also.

Ohio reported that one of their objectives is to upgrade their shows and exhibits. They have an anti-litter project in progress - on display they have a case of rocks and minerals collected, in another case they have only trash - they stress the fact that they may lose the privilege of the first if they produce the second.

Iowa reported that first statewide tin editors. Also successful in their

"Alliance For Progress", an exchange of materials from Iowa with a country in South America. Good foreign relations!

• Murdo
MWF '69

they had their meeting of bullet that they are successful project materials from

Michigan reported that displays from some of their clubs have been placed at rest stops along Interstate 69 and 94. (Me-thinks with our access to various interchanges to the Interstate 80 perhaps this would be a good project for Nebraska clubs.)

Division Reports followed: a micro-mount seminar would be held in connection with this convention. A lapidary seminar could be set up for any shows held. Mr. Bode reported for Jay Wollin that vertebrate fossils in most states are protected; that much judging is being done at the various shows; also, if you find a fossil you cannot identify contact J. Wollin or Mr. Bode and they will put you in touch with the qualified authority.

June Zeitner stated the Directory now lists 215 clubs, with 14,707 members. In 1954 there were 29 clubs, quite a contrast. She felt we have been lax in training new leadership and tried to rectify this by appointing new committees, and assistants to each committee head.

Mary Anderson was forced to resign from the Program Committee due to illness. June Alert was appointed assistant.

New committees are recommended for the clubs, i.e.-safety, public relations, legislative, social courtesy and protocol, etc., and clubs are encouraged to appoint a chairman in each of these categories. Sometimes the committees or chairmen double up, for instance the anti-litter campaign could be coupled with the First Aid committeeman; safety director would work with the Show chairman or Field Trip chairman, and others would work equally well together, all for a smooth operating club.

A listing of source material titled "Bibliography of Earth Science Materials" has been prepared in booklet form and two copies will be sent to the member clubs for their files. This includes books by subject, such as Gemstones, Jewelry Making,

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MWF Field Trip Convention Report (continued)

and Lapidary, Geology, Mineralogy and Paleontology, and also materials available from each of the 14 Midwest Federation States. (A tremendous amount of time and effort has gone into this publication.)

October 11 is the date set for a learners session or training program for anyone who would like to learn to judge.

Cal George, Legislative and Conservation chairman, reported we should be concerned with conservation, especially with that concerning the rockhound.

Clubs should be careful as tax laws say the club's tax status may be lost if the organization officially takes action or position on legislative matters. Instead, contact your legislator (for or against an issue) on an individual basis to retain the tax exempt status.

A plea was given to begin on applications for next year's AFMS All American Awards and MWF Merit Awards. Appoint someone now to collect items for the merit award for 1970, this should be clippings and announcements of service activities that the club has done within the year.

The Directory Chairman asks club presidents to fill out the forms on time for directory information. Next year there will be a dead-line for receipt of information. Cost 50¢.

June presented Lafayette Funk with a Certificate of Appreciation for the Show at Normal, Illinois, in 1968.

After Sept. 1, new by-laws and explanation of the revisions will be sent to the clubs for careful consideration.

There will be new uniform rules to be worked on at the National Convention and will apply for the 1970 show.

Roberts Rules of Order are available now in paper back form for 75¢, and MWF will try to get each club a free copy. It is hoped proper procedure is carried out during official meetings.

MWF Anti-Litter Chairman, of North Platte, Nebraska get their anti-litter for tabulation.

MWF '69 CONVENTION

Mrs. Beeler asks that clubs forms returned

Max Holiday, safety chairman, reported that 37 clubs now have safety directors. He also reported on the various safety precautions they took to make this 1969 Field Trip Convention a safe one.

The Long Range Planning Committee will be formed of past-presidents and must start micro-filming the archives as available space is filling up. Also, a permanent address must be obtained for MWF.

Vern Montgomery, Director of Supplies and Information, reported on material available to clubs. Also that a MWF booth is available for club shows. (continued next page)

MWF FIELD TRIP CONVENTION REPORT (continued)

The events Committee listed the 1970 Convention and Show will be held July 23-26, Minneapolis, Minn. The chairman was selected a year ago; 28 copies of meeting minutes go out to the various chairmen and back-up chairmen; applications for showing at this show will be sent out, dealers contracts are all set; exhibitors space is all ready; housing has been organized; and they are working out other details.

The 1971 Show and Convention will be July 22-25, Mansfield, Ohio.

The Chamber of Commerce of Ishpeming, Michigan, sent a letter of invitation to MWF President for the Field Trip Convention at Ishpeming, Mich. in 1972.

The 1973 Convention and Show is still open but will be somewhere in Indiana, Illinois or Missouri.

The 1974 combined AFMS and MWF Convention and Show will be held at Lincoln, Nebraska. No show chairman has as yet been appointed.

The Special Displays Committee would like the names of people with special displays so they can complete their list and make it available to clubs for use in shows.

A total of \$21,508 has been given by MWF to the Scholarship Foundation! Four awards are to be given at Salt Lake City Convention. All scholarship nominees shall receive a certificate from MWF verifying this fact (retro-active) so that nominees in the past who have not received a scholarship will at least have this form of recognition.

Certificates of appreciation are to be printed and made available to clubs to give to individuals for service to their own club.

It was reported that \$5,154 was turned to the MWF by delegates from Normal, Illinois.

Something should be done, and will be done, for the Junior members. - "If we have no time for good for our youth, someone will have time for bad." The future of MWF depends on the Junior Members and it was stressed that constructive activity should be done on the local level, and is in the works along this line in the Federation.

The nominations chairman, Ellis Courter, presented the following slate of officers for 1970. They were approved and elected:

President: Russ McFall, Evanston, Illinois. Retired editor of the Chicago Tribune. He has served MWF in many ways, recently as historian since 1965.

Vice-President: Jay Wollin, Morton Grove, Illinois. Teacher, writer, mineral collector, and enthusiastic amateur hobbyist. He writes the Trilo-Bits column for Earth Science Magazine.

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MWF
1969

Secretary: Miss Jean Reynolds, Clarendon Hills, Illinois. She is now completing her second successful term as Secretary of MWF.

Treasurer: B. G. (Bill) Dahlberg, Minneapolis, Minn. He has had a successful first term as treasurer of MWF.

Historian: Mrs. Cecil (Elsie) Popejoy, Normal, Illinois. A teacher and writer. At present she is Assistant State Vice-President for Illinois.

Following these proceedings a standing vote of appreciation was given President June Zeitner, and the meetings adjourned.

A free Bar-B-Que sponsored by the Lions Club followed the day of meetings. I was told that 1200 lbs. of beef were roasted in a covered pit near the auditorium and that 2700 persons were served in 59 minutes! Quite an accomplishment when you consider the menu - bar-b-queed beef, baked beans, cole slaw, roll, ice cream and a drink! DELICIOUS!

A donation auction was held in the evening with three efficient and enthusiastic auctioneers officiating, one of them a girl. (All very good.) The material sold was a part of each registration fee and there was a large amount of good material auctioned off.

The various churches (three) were open each morning from 6:00 to 8:30 serving breakfast and from 6:00 to 7:30 in the evening serving supper, along with the restaurants there in Murdo. This is the kind of cooperation and hospitality that was given. Many campers and trailers proved that home cooking left fewer than anticipated to partake of the churches offerings.

The transportation to the agate fields was provided by chartered school buses, was well-organized and worth the fee. A ticket was available for \$3.00 for the approximate 180 mile round trip. You could make the trip with your own car if you preferred but it was great fun to board the bus with your box lunch, chat with a neighbor, the host on the bus, or just plain rest on the trip out and back. One day it rained but we hunted anyway. The next day was sunny and warm, just what the doctor ordered. On Sunday, my extra scheduled trip was to Tin Mountain mine at Custer, SD, where we hunted garnets and staurolites with success. As I said, this was an extra bonus trip and on this one everyone took their own car.

The banquet Friday night was held in the auditorium, the building where all activities concerning the convention centered. It had been touched with a magic wand so it seemed, and was transformed into a lovely dining hall. Long dining tables were covered with white cloths, favors placed at each of 609 places, service all laid out and center pieces of rose quartz with large red paper roses. Beautiful! And Fun. June Zeitner, with all her poise and ability, presided over the lengthy and enjoyable program.

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M W F
'69

MWF FIELD TRIP CONVENTION REPORT (continued)

One of her prize statements was "Our hobby is a big subject because it is the whole world." Quite a profound statement, don't you think?

The Civil Air Patrol leader spoke at the banquet also, and summed up the feelings of all of us when he said he had never "worked" with a nicer group of cooperative people. I say, I've never "played" with a nicer group of cooperative people because to me this delegate bit was a "play" type of assignment - I enjoyed every minute of it. Thank you for the opportunity to serve as

Your Delegate, Norma Miller

A FIELD CAMP REPORT by Tod Ashmun

I have just returned from a Field Camp offered by the University of Nebraska in conjunction with the University of Ohio, which took me through seven states during the last seven weeks.

The first days driving got us out of the great plains and into the mountains around Centennial, Wyoming. This town was established on a gold strike in 1876, one-hundred years after the signing of the Declaration of Independence, thus Centennial. Since that time there has also been platinum discovered. The big mining companies have the whole area pretty well tied up as they use helicopters to stake their claims and can line out a hundred claims in a day. At the time we were there, however, the standard secondary business provided the lifeblood for the town, namely tourism.

The second day took us to Salt Lake City, Utah, where we stopped at Brigham Young University, which is a really beautiful campus, set right at the base of a mountain. The next stop was for two weeks in the town of Lund in east central Nevada.

Lund is a Mormon mining town, if you can picture that dichotomy of good and evil. This came about, I think, as a result of the good Mormons separating themselves from all the bad influences in Ely, where most of the miners lived. Needless to say, we spent our Saturday nights in Ely. While at Lund, we spent our time learning what the geological formations looked like, measuring their thicknesses and mapping them on aerial photographs.

One day we were taken about forty miles south into a new world. This was the site of recent volcano which modified the landscape all around it. The basalt flows that came from it formed caps for large mesas all around it. Upon climbing the flow we saw a duplicate of what the whole world must have looked like a few thousand years after it cooled off. In the distance we saw three cinder cones made of material blown out and piled up. The walk to the cones showed us the definition of desolation. The lava, which was a basalt with walnut-sized phenocrysts of plagioclase, pyroxene and amphiboles, was broken and, in places, columnar jointed. As you walked over the blocks you could look through the holes between the blocks for about five feet. There had not

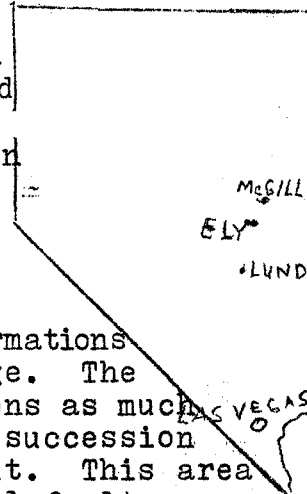
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A FIELD CAMP REPORT by Tod Ashmun (continued)

been time for a soil to develop and there was no life of any kind except small scorpions.

Our next move took us to McGill, Nevada where the copper mill was located that reduced that was dug from Kennecott's open pit Ruth, Nevada. There were many days when up to see not a cloud in the sky except produced by the mill. The fumes just the town because there was a mountain stopped them from blowing away.

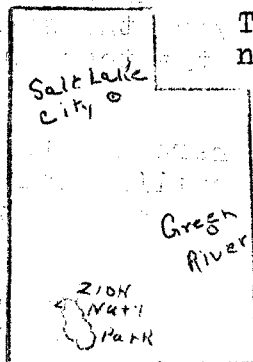
While at McGill we were mapping the formations part of the Northern Egan Mountain Range. The here wasn't in recognizing the formations as much as it was to try to explain why the order of succession "mucked up" as our teachers explained it. This area was all faulted up with thrust faults and normal faults.



where the ore mine at we woke those hung over which

of a problem as it was all

Our final trip took us into the domain of the last type of rocks. This was a three day camping and mapping trip into the outback of western Utah where we mapped metamorphic rocks around a bunch of granite plutons. Due to the fact that we kept our beer in a mountain stream, the theme song of the campout became "Shall We Gather by the River".



The trips that we students took on our own were, naturally, in search of "mins". We brought back such things as malachite, azurite, molybdenite, chalcopryrite, bornite, scheelite, actinolite, and beryl.

The trip back took us through Zion Canyon, the Grand Canyon and Mesa Verde. This trip was very instructive with the help of a set of Geological Highway maps published by the American Association of Petroleum Geologists.

Now for the Rock Swap. - Tod Ashmun

ROCK SWAP - 1969 - "Well-done" are the words for Swap Chairman, Larry Rupert, and his petite wife Eleanor. They, with the help of a willing and working committee, have written "finis" to another successful SWAP.

Several campers were on hand Friday evening with more joining the ranks Saturday, until a total of 17 units (I think) filled the area at Miniskuya. Many people could not come to camp but attended at various times over the week-end.

The delicious pot luck supper, the evening's entertainment, the swapping, were enjoyed by all. Sunday AM the batter was flying and the griddle hot to cook delicious pancakes. (Those men were really handy with the turners and Howard's hat helped a lot, too). A tidy sum for the Scholarship Fund was netted from the auction thanks to the donations and the lively auctioneering of Harley Fesler! (FOOD FOR THOUGHT--at our next swap everyone could bring a folding table and chairs to eliminate hauling the heavy ones. Many neighboring clubs handle the problem in this manner. nm)

REPORT ON THE EDITOR'S BREAKFAST
MIDWEST FEDERATION FIELD TRIP CONVENTION - JUNE 12, 1969, Murdo, SD

It was my pleasure as Editor of The Pick & Shovel, to attend the Editor's Breakfast along with 139 other editors and interested guests, held in the basement of St. Martins Catholic Church in Murdo. Ellis Courter, Past President and MWF Long Range Planning Committee member, was the master of ceremonies. Guest speaker Russ McFall, MWF Executive Committee Historian, gave an enlightening and instructive lecture on "Creative Editing of a Mineral Club Bulletin". Hopefully I will implement several of his suggestions into our own P & S in the coming months as many were sound reasoning and applicable to our club publication. One such suggestion was the awarding of a prize for articles, or best article, submitted for publication, thus stimulating membership participation in the material of the bulletin. Good idea?

June Zeitner, MWF President, gave encouraging words and reiterated the fact that competition in bulletin editing, as in any other field, is what keeps us ahead of the game and makes for continuing improvement.

Conrad Peterzen, Chairman of MWF Bulletin Exchange Committee, gave pertinent suggestions for editing and producing a mineral club bulletin. One was that each page of every bulletin should contain the page number, date, and name of bulletin, as the archives are bulging and in the future single sheets of bulletins may be taken to put on file and if it is not identified it may be lost in the shuffle. He reported that next year the contest will be judged on a single issue of your publication and that in April next year we will be informed which month's copy will be judged. Bulletins then must be mailed by April to Mr. & Mrs. Elmer Cawthon, Northlake, Illinois, Senior Judge for 1970. The Junior Judge will be Mrs. Alan L. Palmer (Tee), of Chicago, Ill.

Mr. Peterzen announced the top 10 winners in the Bulletin Contest and awarded plaques to those editors present, the first place going to THE PICK & DOP STICK, Chicago Rocks & Minerals Society. A complete list of the winners follows this article.

Senior Judge for 1969 was Phyllis Parks, Lincoln, Nebraska, and Junior Judge was Mr. & Mrs. Elmer Cawthon, Northlake, Illinois. A Lake Superior agate was given by Mr. Peterzen as a token of appreciation to this year's judges for their time and effort in judging the 69 entries in the contest.

Appropriate decorations decked the tables, souvenirs were in abundance, and door prizes made by a local club member were received by each one present. Everyone signed the guest book which was later presented to MWF President, June Zeitner.

I cannot close this report without commenting on the efficiency and hospitality of the ladies serving, it was great!

I feel I have profited from the information received at the meeting and have a pleasant memory of fellowship with those of kindred interest. Join the fun - become an editor!

submitted by - Norma Miller, Editor THE PICK & SHOVEL

1969 MIDWEST FEDERATION BULLETIN CONTEST 1969

Winners presented at the SOUTH DAKOTA FIELD TRIP CONVENTION,
Murdo, S. D.

- No. 1 THE PICK AND DOP STICK - Chicago Rocks & Minerals Society
Editor: Mrs. Alan L. Palmer, 2825 N Troy, Chicago Ill
Associate Editors: Gerald E. Ostram, Russell P. McFall
Anthony Gricius
- No. 2 THE PETOSKEY STONE - Family Lapidary Club
Editor: Betty Van Horn, 5216 Greenview, Clarkston, MI
Co-Editor: Marie LeClair
- No. 3 OZARK EARTH SCIENCE NEWS - Ozark Earth Science Club
Editor Olive M. Knight, Rt. 3, Mt. Home, Arkansas
- No. 4 THE PROSPECTOR - Muskegon County Rock & Mineral Assn.
Editor: Nancy E. Schulze, 3061 Eastland Rd, Muskegon, MI
- No. 5 THE ROCKETTE - Mid-Iowa Club
Editor: Virginia McMurray, 703 W State St, Marshalltown
Staff: Robert McMurray, Norma & Dale Gallentine, Vera
Ennen
- No. 6 SEEKER - Charles City Rock & Gem Club
Editor: Marion Wikert, 512 Ave 4, Charles City, IA
Co-Editor: Milton Boleng
- No. 7 THE PYRITER - Dallas County Rock Club
Editor: Willard Lamb, Rt. 1, Redfield, IA
Staff: Margaret & Glee Harsh, Mae & Lyle Voas, Alma
& Scott Shirley, Vivian Harvey and Edna Lamb
- No. 8 ROCK RAMBLINGS - The Lake Shore Mineral & Lapidary Soc. Inc.
Editor: Mrs. Joanne Cline, 8879 Spring Valley Dr.,
Mentor, Ohio
Staff: Leslie Horn, Earl Cline, Beatrice - Robt. Lamb
- No. 9 SERENDIPITY GEMS - Evansville Lapidary Society (Indiana)
Editor: Mrs. James A Dugan, 6314 Hogue Rd., Evansville
Staff: Mrs. Roy Seright, Miss Virginia Neale, Mrs.
Lloyd Owen, Dr. Thomas Westfall & Mary J. Smith
- No. 10 THE CONGLOMERATE - Michigan Mineralogical Society
Editor: Ellis Courter, 26120 Rouge Ct., Southfield, MI
Staff: Kenneth Elwell, Mable & Russell Kamerer, F. Jose
Engel, Daphene & Robt. Hansor, Marie Clevering

MWF Bulletin Exchange Committee,
Conrad Peterzen, Chairman

Handwritten: Congratulations

Success comes slowly? Is that your complaint?
This thought perhaps will console -
In only one thing do you start at the top
And that is digging a hole!

- Roger Delvlin in Tulsa Tribune via MAGIC VALLEY GEM NEWS

REMINDERS FROM MWF - submitted by Glen Ulrich

1. Be careful what club does. Do not lose tax exemption status.
2. Fill out information for directory as soon as possible. If not in by given date, club will be cut off from listing.
3. Every member is urged to buy a directory for 50¢. Push the sale of directories. 2 free directories are sent to each club.
4. Begin on applications for next years' merit club winner. Appoint someone to get started on applications. Contact Gail Alexander for information.

The Corn Belt Club won the outstanding National award of merit this year.

5. Upgrade shows and exhibits.
6. Follow uniform rules.
7. Use exhibitor's manuals.
8. Help in Federation.
9. Encourage micromounting. Smaller crystals are more perfect.
10. List special displays.
11. Have an anti-litter committee. Leave places as you found them.
12. Send in news for MWF newsletter.
13. Keep coupons and money rolling in for scholarships. Put your club name on check.
14. Take a complete first aid kit on all field trips. Have someone along who is trained in first aid. Be sure to protect your eyes when breaking rocks.
15. Stress junior club membership. Do something for the juniors.
16. Be sure to use zip code on all communications.

The Pick & Shovel is long on reports this month which only goes to prove we have been active and participating. Not every person can attend or partake of all of the events but this month you can't say you aren't informed. We didn't know what to leave out so printed everything that came in. Color us happy... 😊
(nm & pnp)

NEWS FROM MWF FIELD TRIP CONVENTION

Submitted by Glen Ulrich, alternate delegate

Minnesota now has a state stone - the Lake Superior agate.

Iowa held a statewide meeting of editors of club news.

Thirty-six states have Latin American sister states. The gem and mineral clubs exchange materials.

A club in Iowa held its rock show in a shopping center, and was paid for doing so!

There are 215 clubs in the Midwest Federation. 10 years ago there were 54.

The MWF Newsletter reaches 7,000 - 9,000 monthly.

New rules will be released shortly. They go to the printer in September.

Midwest Federation is probably the largest, it has 14,707 members.

Two new clubs to join the federation are:

James Valley Nature Club - Huron, North Dakota

Sycamore Valley Lapidary and Mineral Society - Mason, Mich.

Revision of the by-laws will be ready for fall meetings.

37 clubs have safety directors.

5 scholarships have been given to people working for degrees in earth science. 4 more are to be given.

\$21,508 have been given for scholarships. Some clubs will receive 600% plaques. 1,000% clubs are anticipated.

Federation shows:

1970 Show - July 23-26, Minneapolis, Minnesota

1971 - Mansfield, Ohio

1972 Field Trip - Ishpeming, Michigan

1973 - Open

1974 - Lincoln, Nebraska

"Thank you" certificates will be available to clubs to issue to people performing services for the club. A sample will be sent to each club.

"Something will be done for Juniors!" ---Zeitner

A long-range planning committee is to be made up of past presidents.

A JOB WELL DONE

The Field Trip Convention at Murdo, South Dakota, was a smooth success! Others from the good old Lincoln Gem & Mineral Club who also attended will fill you in on the details.

The program was interesting and stimulating and I am sure that a tremendous amount of work was done in order to arrange all the details to accomodate that large group of eager Rockhounds.

I was particularly impressed with the cooperation and the spirit of eagerness that was offered by those who had anything to do with the convention.

The host club was the West River Earth Science Society of Murdo. However, they had teamed up with the Badlands-Sandhills Earth Science Club, The Rosebud Geological Society, and the Western Fairburn Geological Society. The total adult membership of these four clubs is 128 eager beavers. This is a good example of what can be accomplished by the combined efforts of several organizations.

It must have been through the inspiration of this nucleus of workers that they were able to get the help and support of so many other non-geological organizations. The Chamber of Commerce, the Lions Club, the Forest and Conservation Service, the National Guard, Women's Service Organizations from the churches, and many other groups were all on hand to help out.

Each of the supporting organizations were educated before hand concerning the impact that this convention would have on the town and, in fact, on the State. Even the Governor personally attended the ribbon-cutting ceremony. I am sure that he was convinced of the high calibre of these hobbyists who had come to visit the State of South Dakota. He extended a very warm welcome.

The many problems associated with the housing, feeding, transportation and entertainment of this large crowd were handled with remarkable skill and efficiency. Thus we can see that these problems are not an impossible barrier to our having the big convention here in Lincoln.

As I think of our own club situation here in Lincoln I see two obstacles that we need to deal with right now. The first is the rather small group who say "it cannot be done" or "it will be such a mess that we will be ashamed of it." If one individual has this feeling the detrimental effect will not be serious but if that one spreads the word around and talks long and loud enough he may convince others. The club members have already decided that we are going to have the convention in 1974 so let's all act as if we can have it and it will be a success!

The second obstacle is the notion that we don't need other organizations. I have heard almost arrogant remarks that the Lincoln club can operate and progress without help from those other

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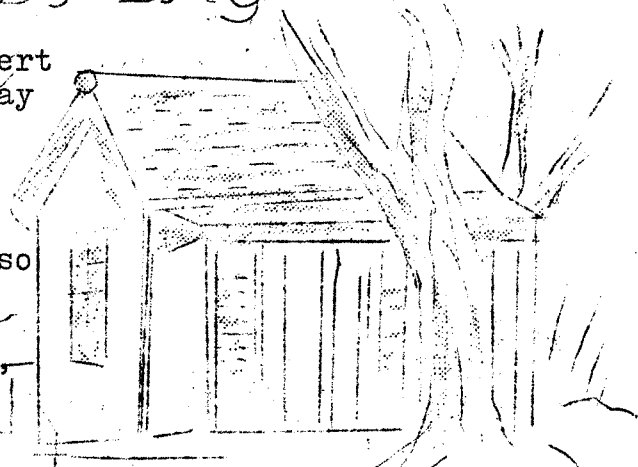
A JOB WELL DONE (continued)

clubs. The individual friends that each of us may have around town and in the State are not enough to swing this deal. We DO need the help and cooperation of other organizations. We have created a fairly good image for ourselves in nearly every group around the State and in some out-state clubs. Now it is time to let it be known that we are going to need their help and that we are not too proud to ask for it.

- Ralph Ulrich

NEIhardt DAY

In 1968, Governor of Nebraska Norbert Tiemann, proclaimed the first Sunday in August as 'Neihardt Day'. For many years the people of Bancroft, Nebraska, have been honoring our Poet Laureate and again this year on August 3, our Dr. Neihardt was so honored. The program was held at Bancroft under the direction of Mrs. Charles Thone, with Tom Allen, Staff Writer for the World-Herald, as Master of Ceremonies. Guest speakers were Dr. Marvin Kivett,



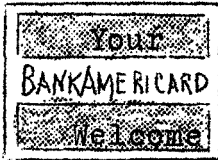
Director of the Nebraska State Historical Society, and Ron Hull, Assistant to the Director of the Nebraska ETV. Senator Hasebroock, Nebraska State Senator from 18th District, was on the program, and Ron Nicodemus, producer-director of Nebraska ETV, presented several vocal solos, accompanying himself on the guitar.

It was in the Bancroft area that Dr. Neihardt produced many of his famous works and his study has been restored on its original site, near the PRAYER GARDEN there.

It was a lovely afternoon and the program well-attended by local people, state dignitaries, members of his own family, friends, and Lincoln Gem & Mineral Club members paying tribute to our honorary member.

LET ME LIVE OUT MY YEARS

Let me live out my years in heat of blood!
 Let me die drunken with the dreamer's wine!
 Let me not see this soul-house built of mud
 Go toppling to the dust - a vacant shrine!



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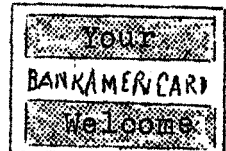
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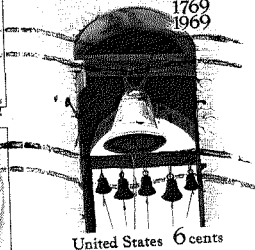
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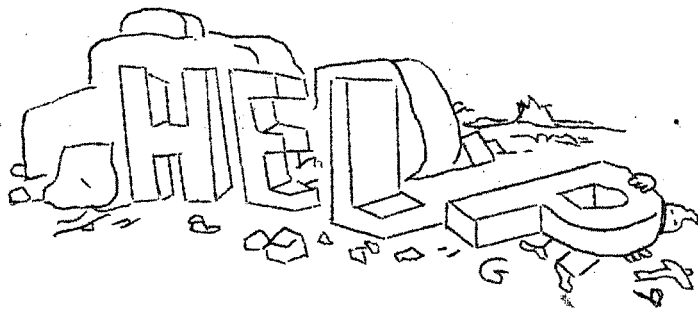
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