

THE PICK & SHOVEL



December

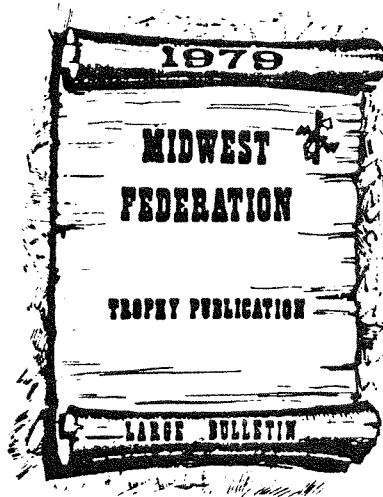
1981

highlights

in

this issue... BALLOONISTS - To Cosmonauts

"Thirty-one Seconds and Holding"



OFFICIAL PUBLICATION OF

Lincoln Gem and Mineral Club, Inc.

P. O. Box 5342

Lincoln, Nebraska 68505

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

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

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

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

1981 ELECTED OFFICERS:

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

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

STANDING COMMITTEE CHAIRPEOPLE:

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

LONG RANGE PLANNING AND BY LAWS COMMITTEE:

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

PICK & SHOVEL STAFF:

Chairman: Glen Litzenberg

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

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



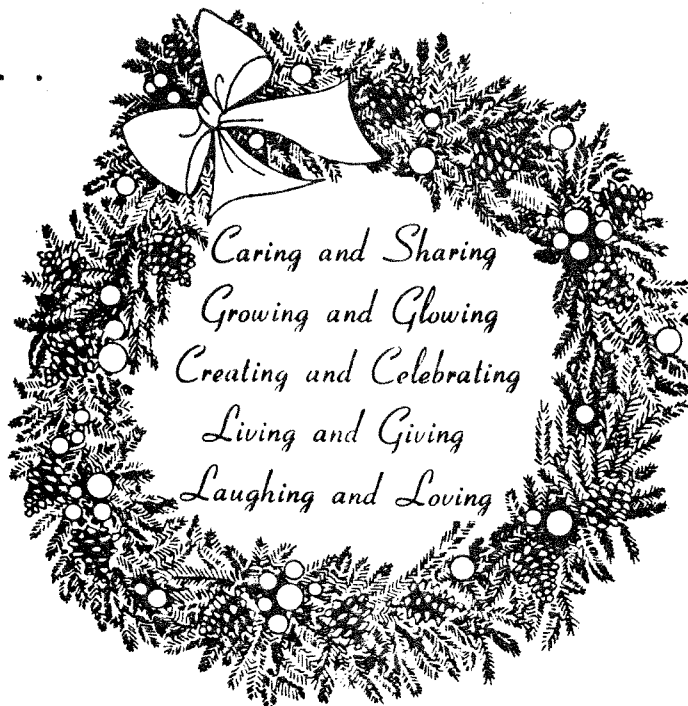
General Meeting: There will be no General Meeting held this month. We will have our annual Christmas Party instead.
This will be Saturday, December 12, 1981
6:30 P.M. at the Nebraska Center
COST: \$5.35 + tax (\$5.56) each

Board Meeting: Thursday, January 7, 1982 7:30 P.M.
AMERICAN CHARTER SAVINGS AND LOAN
4000 South 27th Street
All newly elected members and all outgoing members of the Board of Directors are asked to be present at this meeting.

BE SURE TO MARK YOUR CALENDARS!
* * * * *

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

CHRISTMAS IS. . .



HISTORY - "Ten and Twenty Years Ago"



December 1971 . . . Our annual Christmas Party was held at the W.O.W. Building. We had lots of Food - Fun - and Entertainment. Roger Pabian's 2nd Publication was off the press and ready. This was the Education Circular #2 entitled "Minerals and Gemstones of Nebraska".

1971 was a Good Year in LG&MC. December 1961 . . . This was called an "EATIN' and MEETIN' Program; our Christmas Party was a Huge Success. We had a covered dish supper; of course the LG&MC furnished the cream and coffee! We had election of Officers and a Gift Exchange - - - Fun was had by all.

1961 was a Good Year for our Club that was still growing.

* * * * *

GREETING FROM THE SUNSHINE CORNER:

Good News!

Noone was reported on the sick list this month, so no cards were sent.

Anyone who has been under the weather, we wish you a speedy return to health so you can enjoy this Joyous Holiday Season!



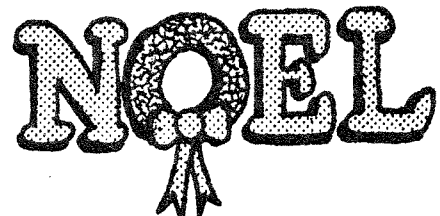
RAINBOWS OF HAPPINESS

Though the day may be rainy
And the sky may be gray,
Though the sun may be hidden
By dark clouds today.

Believe it's still shining
Though hidden from view,
Believe there's no cloud
That the sun can't pierce through.

Though your hopes may be waning,
Though the day long and drear,
Believe that God loves you
That to Him you're most dear.

Sister Mary Gemma Brunke



"MERRY CHRISTMAS" from Suze Sunshine

THE PRESIDENT'S MESSAGE

First of all, I wish to thank my fellow board members who have served during 1981. The year has seen several successes for Lincoln Gem and Mineral Club. The first has been in gaining quite a few new members. We also sponsored a rather successful mid winter rock swap and silent auction. The show committee was very successful in it's efforts to promote the hobby. The club has done a very good job in providing scholarships at the University of Nebraska. The club has climbed substantially higher in the AFMS scholarship fund percentage bracket. I do not have an exact figure but we are well over \$1,500, which which translates to a \$15.00 contribution per adult member. The club made several very successful field trips in 1981. Many good fossils and some good cutting materials were collected.

Programs at the 1981 meetings were quite good. We will strive to have many more fine programs in 1982. The identification night turned out to be quite successful as some 40 items of gems, minerals, and fossils were identified for the members and guests.

The club has had "Gems on Location" on continuous display for over one year now. The club also furnished a display of Nebraska materials at the State Fair. Members have been reasonably active in exhibiting at other club's shows and in attending other club's swaps. It would be nice to see better participation, especially in other club's shows as exhibitors, speakers, and demonstrators for 1982.

Coverage of club meetings and events has been very well handled by the Lincoln Journal and Lincoln Star and we owe a vote of thanks to Dale Griffing, Focus Editor, for supporting our club. Lincoln's Radio Stations have also given very good coverage of club events, and we owe all of these fine people many thanks.

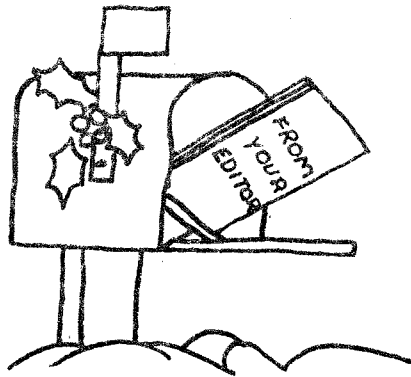
I also wish to express my thanks to the various committee members for their support during 1981, and to the many members who have participated in making the club's operations in 1981 a successful venture.

I wish for each and every member of Lincoln Gem and Mineral Club to have a Happy Holiday Season and many successful ventures and happy days in 1982.

Best wishes.

Roger Pabian
President

MERRY CHRISTMAS



This is one of the most joyous months of the year, and rightfully so. It is the time of year when we celebrate God's gift to us - JESUS - the gift of all gifts! May you wrap a little love and happiness in with each of the many gifts that you wrap this busy Holiday Season.

May all the love, joy and happiness that abounds on Christmas Day abide with each of you throughout each day of the coming year.

. . .MERRY CHRISTMAS EVERYONE!

* * * * *

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

Just a reminder

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



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QUALIFICATIONS FOR BEING A GOOD ROCKHOUND

- LOVE OF OUTDOORS - where else can you find rocks?
- STRONG BACK or GOOD JUDGEMENT - rocks gain weight with every step.
- SENSE OF HUMOR - being able to appreciate another fellow's find after you have just stepped over it.
- ONE LEG SHORTER THAN THE OTHER - it helps on the side hills.
- CHEERFUL - Smile; even if every muscle and bone in your body aches.
- ADVENTUROUS - daring to take that road, even though it looks like it goes straight up.
- DETERMINATION - a willingness to go again after you swore you never would.
- IMAGINATION - visualizing a beautiful gem from a plain looking rock.
- PERSISTENT - not satisfied until you have examined every rock in the dig twice.
- CONGENIALITY - you can hunt alone, but it's more fun and safer in a group.

- Helen Schooner, Idaho Falls
via Hells Canyon Gem Club

'82 BOARD OF DIRECTORS

During our November Meeting, we held our annual election. The following members were elected as our new Board of Directors for the year 1982. Congratulations!

As members of the Club, let us give them our full support.

- President-----Roger Pabian
- First Vice-----Jim Taylor
- Second Vice-----Glenn Lyman
- Secretary-----Nelda Oliver
- Treasurer-----Phyllis Parks
- Board of Directors---John Abel
- Florence Boring
- Irl Everett
- Virginia Green
- Nominating Committee - 3 years - Frank Rule
- Vera Lyman

* * * * *

A SPECIAL THANKS

I would like to say a special "Thanks" to the members of the Gem and Mineral Club for permitting the sale of some of my cutting material during one of the General Meetings, and to those who picked up the rocks and slabs at my home and delivered them to the meeting.



I still have some rough material and a few slabs for sale. If anyone is interested, please contact me and let me know when you wish to come over and see what I have.

1030 North 48th St. Lot 46
466-1484

Again, my sincerest thanks for your support.

Mrs. Lorene Messelhaiser

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DO YOUR SHARE TO KEEP
AMERICA BEAUTIFUL!
PUT LITTER IN ITS PLACE!

BALLOONISTS - To Cosmonauts

The May 1981 Pick and Shovel carried my article, "SPACE SHUTTLE - and such". This time I shall dwell mostly on the "and such", leaving the Space Shuttle bit to our LGMC member, Florence Boring.

As a youth, I first saw a man leave "terra firma" in a hot air balloon at a July 4th observance in my rural home town. Old-fashioned celebrations of our Nation's Independence were replete with an inspiring oration by the best local patriotic speaker, sack races with real burlap bags (no plastics), shooting the anvil, a balloon ascension and the evening fireworks, after a long day of celebrating.

The day's pleasures were enhanced by pink lemonage, bountiful family picnics, side shows (chuckle!), real giant firecrackers and hand pitched torpedoes. The crowning event was the evening pyrotechnic display, after we farm boys had galloped home to hastily do evening chores, and returned.

The afternoon feature, the balloon ascension, awed the local yokels of the pre-space age, still in the "pre" category. Explanation of the flight pattern follows, but no flight plan. The fabric bag was laboriously inflated with hot air and smoke from an open-fire-pit. (The controllable gas flame now carried aloft in balloons was not yet invented.) Helium was unknown and hydrogen was not feasible. The flight's altitude and duration were limited by circumstances.

After sufficient heated air and smoke rose inside to provide enough lift for the bag and the balloonist, the ascent began. Earth-bound spectators craned their necks and sunburned the roofs of their mouths watching the "magic" ascent of the contrivance, while the daredevil did acrobatics on his suspended trapeze bar.

Finally he deflated the bag, abandoned it and descended to earth via parachute while continuing to thrill the earthlings with more tricks on the attached trapeze bar. Hopefully, the spent balloon was recoverable and reusable with a few necessary repairs after encountering tree limbs, barbed-wire fences or antisocial bovine critters.

Time passed with a succession of aeronautical events, including Lindbergh's historic transatlantic flight in 1927. Myrtle and I saw him fly the "Spirit of St. Louis" over Rapid City, S.D. on his barnstorming later flight. Airplanes and balloons continued to make history for years; and now aeronauts are supplanted by astronauts, or even cosmonauts. We've come a long, long way - BABY! (no implied gender).

In 1934, The National Geographic Society sponsored a hydrogen filled stratosphere balloon flight from South Dakota's Black Hills' "Stratosphere Bowl", a natural protective, rock-walled feature near Rapid City. This flight seemed successful until the balloon exploded

BALLOONISTS - To Cosmonauts - - continued

near Loomis, Nebraska. The three men inside the pressurized gondola barely escaped with their lives by individual parachutes, just before it crashed to earth, destroying most of its precious scientific instruments.

The summer of 1935 marked the second stratosphere balloon attempt from the same Black Hills site. It used non-combustible helium gas instead of dangerous, though lighter-weight, hydrogen; and with two balloonists inside the gondola instead of three. On the first attempt at inflation, this huge bag, EXPLORER II, ripped when nearly inflated. All of the helium escaped and the several acres-area of fabric tumbled down into a disappointing heap. Needless to say - the flight was scrubbed! But the project was not abandoned.

The ripped fabric was returned to Akron, Ohio for repair, and later sent back to the Bowl to await favorable weather for inflation, ascension and flight. This did not occur until Nov. 11, 1935, Armistice Day. Then everything was ideal, the weather and all; and the blow-out patch repair held the precious helium inside! Altitude achieved - about 14 miles; distance-east of the Missouri River, in South Dakota; a perfect flight and landing.

If that balloon had been inflated with combustible hydrogen instead of inert helium, no one knows what might have happened when it ripped open. Thousands of observers lined the upper rims of the great bowl when the blowout occurred. The ground crew in charge of the inflation scrambled to perimetrical safety as the enormous empty bag fell, almost trapping some of them beneath its folds. The great crowd looking down from the rims of the bowl, at first unbelieving, soon realized what had happened, hastily left the area. Our two small children slept soundly through the whole affair, snug in our car.

As we returned to Rapid City, with the bumper-to-bumper stream of cars, we met another similar cue still enroute to the bowl, and, as yet, blissfully unaware of what had happened. What a surprise awaited at the bowl!

When we arrived at Myrtle's parents' home down the Rapid Creek Valley, below the School of Mines, our two kids awoke, looked out of the car, recognized the old familiar area, and Kay exclaimed "Aren't we going to go see the balloon go up?" Yearling Don did not ask!

- Submitted by J. D. Young



"Thirty-one Seconds and Holding"

These were the words 37 Nebraskans heard early November 4, 1981, as we waited with cameras cocked and focused for the tremendous fire and thunder of liftoff of Space Shuttle II (STS-II). Even then we couldn't believe it really would be scrubbed. As attempts were made cycle back and pick up the countdown, the crowd began to grow somewhat accustomed to the slowly-mounting feeling of disappointment.

It was an interesting crowd. NASA had issued passes to 48,000 cars and buses. At 3:00 am we boarded our bus from Winter Park, an Orlando, Florida, suburb, for the nearly sixty miles through traffic to our observation site on Cape Canaveral for the scheduled 7:30 am launch. It was still dark as we parked in a bumper-to-bumper line of buses and cars, one of nine such lines near a lagoon across from the brilliantly illuminated Shuttle posed on its launch pad about six miles away. In the glare of our headlights we could see that some early arrivals had evidently been sleeping on the tops of their cars.

The brightening dawn revealed that the lines of buses and cars stretched in both directions as far as one could see--miles of vehicles. Another line also stretched in both directions as far as we could see--a line of little green portable privies set in pairs about 150 feet apart, each with its patiently waiting line of would-be occupants. To our amazement and amusement, the lightening day also revealed a huge alligator hiding in a water-filled ditch into which one of our group had unsuspectingly stumbled as he dashed down to the edge of the lagoon in the dark. The alligator seemed to be the only one bored with the whole proceedings.

The bright white Space Shuttle piggyback on its huge white fuel tank and booster rockets was a majestic sight against the black of the pre-dawn sky. It was a quiet sort of excitement one felt among the crowd--nothing of the pre-football game fever we are accustomed to feeling in large crowds here in Nebraska. Yet the same unity of purpose was there. It was the sort of unity that would cause a stranger to offer anyone who happened by a look through his telescope as the gaseous oxygen vent hood was being moved out of the way or the cockpit door was being secured and sealed. It was the sort of crowd that could accept its disappointment without a murmur, content that the safety of the astronauts and their mission should take precedence over all else. It was the kind of crowd one will be forever grateful to have been part of, although it was at least a full hour after the scrub before our bus could even begin its crawl through traffic back to the Orlando International Airport.

We were fortunate to have airlift in the Nebraska Air National Guard's Convair turboprop C-131, thanks to Brig. Gen. Lloyd Johnson and his fine crew. Since the airlift was primarily for teachers who

"Thirty-one Seconds and Holding" - continued

had attended aerospace workshops during the summer and could not accommodate all who wanted to go, Mike Larson of the Nebraska Department of Aeronautics flew a chartered eight-place Navajo for those who could afford the fare.

Even without the actual launch, the Nebraska group agreed that the trip was "worth every minute of it." NASA had arranged for educators' briefings and a banquet with Dr. Ivan Bekey, Director of Advanced Programs, as speaker, and had invited about 125 educators throughout the United States, including all the Smithsonian Air and Space Museum's Regional Resource Persons. Since the Nebraska Association of Aerospace Educators wanted to take as many of its members as possible, we were not really a part of the NASA group. We were the only state with its own delegation. However, NASA generously shared with us their briefings, their banquet, and their fine materials. We rented our own tour bus and hired our own official NASA tour guide for the tour of Cape Canaveral and the Kennedy Space Center. The materials these teachers brought back, together with their increased knowledge and enthusiasm, will have a wide-reaching impact on their students.

The Space Shuttle is a most unusual vehicle. It takes off as a rocket, operates in orbit as a spacecraft, and lands on Earth as an airplane. It is the only aerospace vehicle that has returned to Earth and then been launched into space again. It is capable of re-launch for at least 100 flights. What a difference this will make in space costs. Up to this time, space travel has been comparable to flying a commercial airliner from New York to San Francisco and then throwing the airplane away.

Nebraskans had to see only on television the perfect launch of November 12 and the faultless return to Earth at Rogers Dry Lake, CA, November 14, with Shuttle's planned 84-hour mission cut to 54 hours because of a faulty cell which left only two functioning. Even so, nearly all the STS-II objectives were met. The remote manipulator system, the arm carried in the cargo bay, which can set satellites in orbit or retrieve them for repair, functioned perfectly. With the Shuttle flying upside down and the cargo bay doors opened toward Earth, such projects as the night/day optical survey of lightning and storms on Earth, photographing ocean color to find fish by the concentration of food, mapping air pollution, locating and identifying geologic formations that might indicate earthquake-prone areas or probable sources for oil were carried out. Although winds at the landing site were too high for the planned crosswind landing, the maneuverability tests during the approach to landing confirmed the effectiveness of the aerosurface controls.

In this age when satellites have become a way of life, the reusable Space Shuttle will give us more, better, and cheaper space transportation. The 60 ft. by 15 ft. diameter cargo bay can carry as many as four satellites at a time to orbit--satellites for communication, navigation, meteorology, earth surface mapping, crop survey,

"Thirty-one Seconds and Holding" - continued

insect population surveillance. On many missions small self-contained experiments will be flown for fees of \$3,000 to \$10,000. These "get-away specials" are already sold out until well into the 1980's.

The Shuttle promotes international cooperation too. The remote maneuvering arm, tested for the first time on STS-II, was financed and built by Canada. Spacelab, a reusable spaceborne laboratory to be carried in Shuttle's cargo bay, is being designed and built by ten member nations of the European Space Agency. Spacelab's most spectacular piece of equipment, a big electron accelerator, is being developed by Japan and is expected to help us understand how the sun's cycles affect our long-term climate. Manufacturing in weightless space could reduce costs of certain drugs, create new alloys, produce drugs and lenses of unusual purity, and enable crystals to grow very large and flawless. All of these will be projects on Spacelab.

Eventually the Space Shuttle is expected to be used for fabricating very large structures in space, where weightlessness enables beams and girders to be less than a hundredth the weight of comparable ground construction. One aerospace company has already developed an automatic beam builder to fit in the Shuttle that can extrude triangular girders from compact coils of ultra-light metal plate. The plate is fed through rollers that shape it to the desired form similar to the way continuous aluminum rain gutters are formed in your back yard. Huge solar array panels for energy beamed to earth, manufacturing plants in space, multipurpose communications platforms--one aerospace firm has identified 150 opportunities for profit-making space industrialization. Move over, Age of Aquarius; we're in the Space Shuttle Age now.

- by Florence Boring

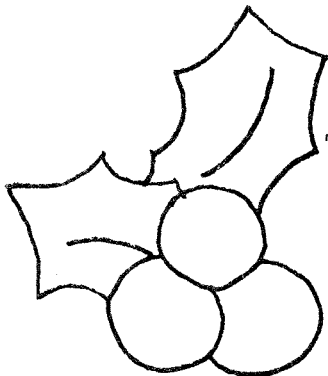
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THINGS WE CANNOT CONTROL:

Someone else's faults;
How long we will live;
The other person's opportunities.

THINGS WE CAN CONTROL:

Our attitude;
The kind of life we live;
What we do with our opportunities.



SOFT ROCKS?

Slate H 1-3 Mohs

A dense fine grained metamorphic material of clay, shale and quartz compressed into bedding planes. Predominately black, other colors are red, green, grey and chocolate colored.

The black from Pennsylvania is comparatively soft while the material from Vermont is harder. It is ideally suited to line drawing or low relief carving. Most slate that is available is in relatively thin sheets. If obtainable in thick sections it would be usable for carvings in the round. Most marble and building supply companies offer slate for sale.

Alabaster H of 2 Mohs

This beautiful material is in ready supply for Michiganders both from Alabaster City and the Grand Rapids Area. From time to time Colorado and Utah Alabaster is listed by rock dealers. The Colorado material is noted for its fine, dense composition. We have a cat carved from the Utah material that was fine and even in its working qualities.

Soapstone H 1-1½ Mohs

A material for carving with ease and abandon. Soapstone, Talc or Steatite all seem relatively the same to a carver. Mineralogically speaking there may be a difference but this is of little consequence to the lapidary. Presently Washington State soapstone is available from dealers.

These three materials plus ivory, coral, amber, jet, shell and others can be worked with steel tools. Our supply list of these tools includes a round carbide hacksaw, a coping saw, an assortment of rasps and files, knives of the Exacto variety and wet or dry silicon carbide cloth or paper for sanding. The polish may be worked up in lapidary fashion or hard paste waxes.

- Hazel & Pete Feilen, The Rockpile
- via MWF Newsletter, October 1981

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SHOP HINT

One of the most aggravating of all lapidary chores is finding a place to store silicon carbide sanding disks. But an old-timer I talked with recently has found the perfect solution. Take an old magazine and store the disks between its pages. These 'sanding books' can then be stacked on the shelf and you'll have your sanding disks flat and ready to go when you need them.

- via The Tully, September 1981
- via MWF newsletter, October 1981

* * * * *

Some people search for diamonds, some people search for gold,
Some people only pick up rocks, at least that's what were told.
The diamonds make you famous, the gold you have to spend,
The rocks just bring you pleasure and a host of happy friends.

- via G I Nuggett, December 1981

WHAT CHRISTMAS IS

CHRISTMAS is a gift of love wrapped in human flesh and tied securely with the strong promises of God.

CHRISTMAS is angelic music in the form of carol and oratorio with a celestial descant.

CHRISTMAS is "peace on earth" for those who accept it and live in unity with God's will.

CHRISTMAS is a man on duty tending sheep or machine who senses the upward call and stops to worship.

CHRISTMAS is a tall green tree which serves as festive altar for any household which discovers the true meaning behind it all.

CHRISTMAS is a ringing bell calling a distraught humanity to gladness and hope.

CHRISTMAS is a glowing hearth gently placed in the winter of man's loneliness.

CHRISTMAS is an altar to which man can bring his heartache for comfort, his lostness for guidance, his sin for forgiveness.

CHRISTMAS is the sparkle of anticipation and the steady light of faith in the eyes of a little child as he hears the Old, Old Story.

CHRISTMAS is a shining star of hope in the sky of all mankind.

CHRISTMAS is more than words can tell, for it is a matter for the heart to receive, believe, and understand.

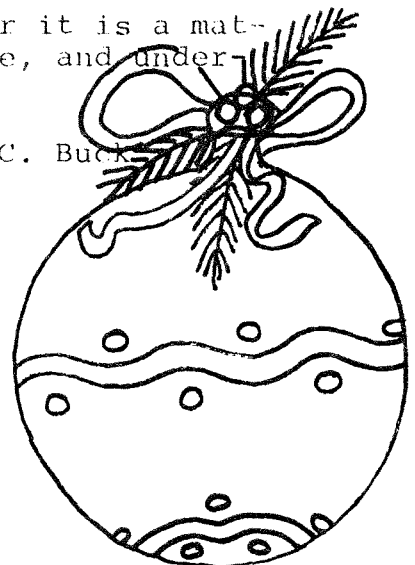
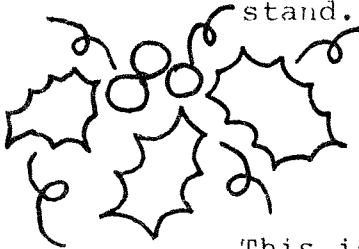
- by Carlton C. Buck

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CHRISTMAS DAY

This is the Holy Christmas Day
I went to church to sing and pray
God heard me sing.
He heard me pray.
Then blessed me as I went my way.
Oh, send Thy blessings every day.
Let every day be Christmas Day.

- by Erma F. MacFarlane





OFFICE OF THE INSPECTOR IN CHARGE
Seattle, WA 98111

November 30, 1981

Our Ref: INC:SEA:FR:513

Lincoln Gem & Mineral
Club, Inc.
P. O. Box 5342
Lincoln, NE 58605

Dear Sir:

This is in response to your complaint regarding the receipt of a chain letter.

Chain letters which request money, bonds, books, or other items of value, and promise a substantial return to the remitter which is dependent upon the activities of those who follow in the chain, are regarded as non-mailable under the Postal Lottery and Fraud Laws, Title 18, U. S. Code, Sections 1302 and 1341.

We have contacted the promoter of this scheme advising the individual of the violations involved. Your interest in contacting our Service concerning this matter is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Eric G. Larson".

ERIC G. LARSON
Postal Inspector in Charge

Midwest Federations NEWSLETTER

Published monthly except July and August as a service to member clubs. All news and articles should be sent to the Editor, Mrs. BETTE Smith, 10607 Mary Ann, Zeeland, MI 49464. All subscription orders should be sent to Parrot Printing Service, 2125 Forest Ave., Des Moines, IA 50311.



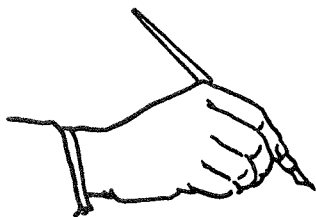
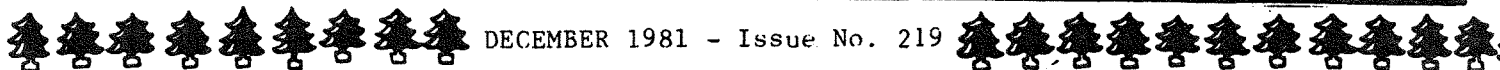
PRESIDENT
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22757 Redwood Dr.
Richton Park, IL 60471

1st VICE-PRESIDENT
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747 E. Blackford Ave.
Evansville, IN 47713

2nd VICE-PRESIDENT
REX WEBB
2600 W. 87½ St.
Bloomington, MN 55431

SECRETARY
MISS JEAN REYNOLDS
107 Tuttle Ave.
Clarendon Hills, IL 60514

TREASURER
WILLIAM PARCH
P.O. Box 180
Fountain City, WI 54629



PRESIDENT'S

PEN ...

Now that Christmas is near, thoughts of giving and receiving enter our minds. One of the greatest gifts is the gift of knowledge. The only price we pay is a little of our time. In return for this gift, is satisfaction. The satisfaction of seeing our gift of knowledge being hungrily absorbed by a young mind.

I have heard many people comment, "Who will replace us in our work with the Clubs and the Midwest Federation?" The only answer can be, "Those who follow."

This year, I would like to set a new goal for the Midwest Federation of Mineralogical and Geological Societies. This goal is to foster more interest in the Earth Sciences, especially among the young people within our various clubs.

If a young person shows interest, take it upon yourself to guide and foster that interest. Get that young person involved. In this way, we can answer that nagging question, "Who will replace us?"

Remember the watchword "JUNIOR POWER". Junior Power can then be turned into "PEOPLE POWER."

LARRY NAWOJSKI, MWF President

safety

I have drawn up the following, after hearing about a lady in Southfield, a suburb of Detroit, who, just a few weeks ago was involved in a useless tragedy. She was get-
next column please--

ting out of her car in a supermarket parking lot when a man asked her for the time and then stabbed her to death, and fled. He was an unknown assailant. To prevent such a thing to reoccur, the following has been suggested:

1. Never leave the key in the car, even if you are going to be gone just a few minutes.
2. Never leave the windows open, no matter how hot the day.
3. When returning to the car, if there is a car alongside with someone in it, get into your car on the opposite side.
4. Before getting into the car always look in the back seat...and check the floor also.
5. When you get into your car, lock it immediately.
6. If anyone approaches your car to ask a question while you are in it, only lower the window a ½ inch and be ready to raise it instantly.
7. If you must go out at night...be alert.. and don't go alone. If you must go out alone, phone ahead so that people can watch for you.
8. If you have teenagers in the family, don't let them visit the malls during the winter holidays alone, during the day, and never at night, unless accompanied by an adult.

I'm sure these ideas aren't new, but repetition pays.

HELEN R. NEWMANN, Safety & Field Trip Chairman

REMEMBER THE THING TO DO IN '82 IS THE MWF GEM AND MINERAL SHOW JUNE 24-27, 1982, ST. PAUL, MINNESOTA.



SHOW ATTENDANCE

In preparation for our 1981 show a concern about attendance was uppermost in our minds. The best dealers, and the best displays and demonstrations would be wasted if we could not get people interested enough to attend our show.

One approach used by the Tulip City Gem and Mineral Club, of Holland, Michigan, produced surprising results.

As part of our publicity campaign several thousand tickets were delivered to the neighboring schools. These tickets (see below) admitted a student free to the show on Friday or Saturday when accompanied by an adult.

Did it work? When the show closed we had over 500 "free" tickets turned in by school children. Bringing them to the show were hundreds of somewhat reluctant parents. The little gimmick worked. Best of all, the parents left our show with a good feeling, the kids were happy. The parents, most of whom had never seen a rock show, were amazed at the quality of the show and asked many questions. It is an idea our club will use again next year.

THIS TICKET ADMITS ONE ELEMENTARY STUDENT FREE TO THE TULIP CITY GEM & MINERAL CLUB'S 12TH ANNUAL SHOW WHEN ACCOMPANIED BY AN ADULT (ADULT ADMISSION 50¢) GEMS · MINERALS · JEWELRY · ROCKS · FOSSILS 100 CASES FROM ALL OVER THE WORLD ON EXHIBIT HOLLAND CIVIC CENTER FRIDAY, SEPT. 18 - 10:00 a.m. to 10:00 p.m. SATURDAY, SEPT. 19 - 10:00 a.m. to 8:00 p.m.
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CHESTER A. SMITH, President, Tulip City Gem & Mineral Club

MWF SCHOLARSHIP FOUNDATION: DIRECTOR REPORTS

By the time you read this, much of my job will be completed! The three-member Board of Selectors, MILES SMITH (chosen by the Nominating Committee), JACK DARE (appointed by the President) and myself as Chairman will have presented a list of about three candidates to be considered for the Honorary Award. The final selection is made by the Jury of Awards, composed of the current President, the Past President, and the Foundation Director.

The person who receives the Award has the priority next column please----

vilege of selecting the students who will receive the scholarship -- the Board and Jury do NOT decide who receives the grants.

Any club or MWF member may place a name in nomination for the Honorary Award, and all will be kept on file for future consideration. Please include detailed information on the candidate's qualifications for the Award, and send to the MWF Scholarship Foundation Director. The Director will also pass on to the Award Winner names and backgrounds of students if you wish to submit them.

See the pink pages of the MWF Directory for more information on the Scholarship Foundation and previous winners.

DIANE DARE, Scholarship Foundation Director

IMPORTANT NOTICE - MEET THE DEADLINE

In November each club should have received forms from the Midwest Federation for Directory information, information for Lapidary Journal and information for the treasurer for dues. If for some reason you have not received this form, call your state director immediately.

If your club's election of officers is in January, it is the responsibility of the 1981 officers to complete these forms. If the officer who received it is unsure of some of the answers, get help from other officers at your December board or general meeting or call someone for help. Have this form in the mail by January 1, 1982 and in the hands of the Federation no later than January 10, 1982.

It is important to get your information in on time if you want your club to be included in the 1982 Directory. Everyone must meet a deadline. Your Directory chairman must meet a deadline to the printer and the printer too is asked to meet a deadline. Don't you be the one responsible for leaving your club out of the 1982 Directory. Take care of it immediately.

BETTY MYERS, MWF Directory Chairman

HAROLD FLOOD, Indiana Assistant State Director for the Midwest Federation, and past President of the Three Rivers Club in Fort Wayne, Indiana, died Sunday, October 18, 1981.

The family has requested that anyone desiring may make a memorial contribution to the AFMS Scholarship Fund.

CHARLES J. WALKER, Indiana MWF State Director

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

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

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

Dues to LINCOLN GEM & MINERAL CLUB are as follows:

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

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

Family membership fee \$11.00 (husband, wife and all children under

16 - permanent residents of household)

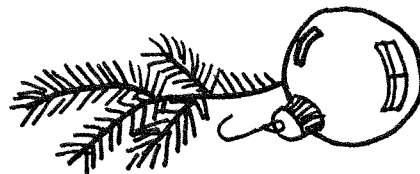
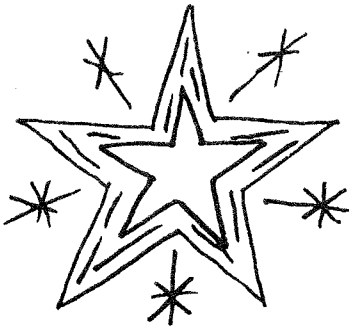
New membership must be approved by the Board, after applicant attends at least one (1) regular meeting of the club, and pay the above dues plus \$1.00 registration fee.

DON'T FORGET. . . . Our Annual Christmas Party, Saturday,
December 12, at 6:30 P.M. at NEbraska Center.

There will be no General Meeting held during the month
of December. The Christmas Party is held in place of
the meeting.

Bring along a friend to share the joys of this
special season.

To each of you, All the Special Joys of Christmas,
and an Exciting and Happy New Year!



DON'T FORGET - DUES ARE DUE FOR 1982.

Lincoln Gem & Mineral Club
Box 5342
Lincoln, Nebraska 68505



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Exchange Editor: Vera Lyman
420 N. 56th St.
Lincoln, NE 68504

John A. & Lillie Lewis
6225 Judson Street
Lincoln, NE - 68507