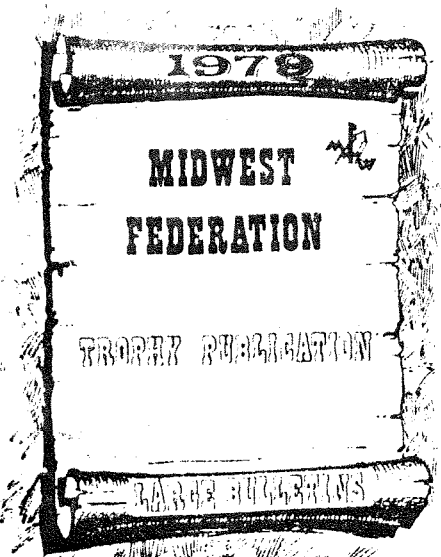
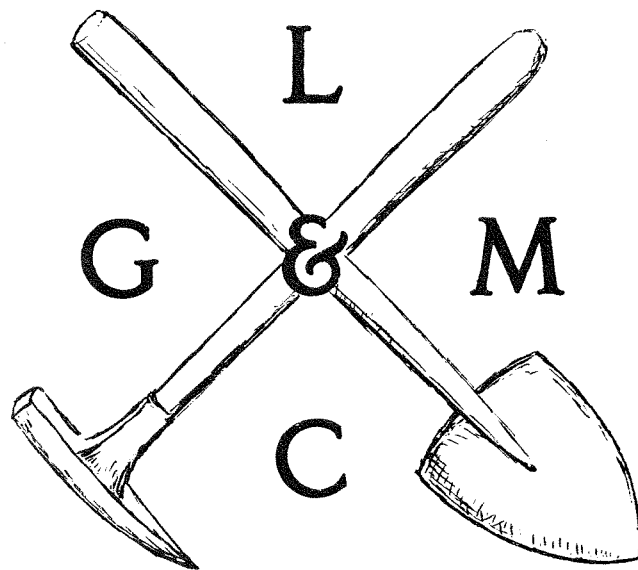


THE PICK & SHOVEL



OFFICIAL PUBLICATION OF
LINCOLN GEM & MINERAL CLUB
LINCOLN, NEBRASKA

Volume 21 Issue 4 December 1980

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

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

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

Regular Meetings: 4th Saturday of the month, September thru May, 7:30 P.M.
Oct. and Nov. 1980 at Nebraska Center, 33rd and Holdrege

1980 ELECTED OFFICERS

President.....	Roger Pabian	315 "D" St.	Lincoln, 68502	474-2034
1st Vice Pres...	Larry Bigley	6126 Hartley	Lincoln, 68507	466-0211
2nd Vice Pres...	Edwin Johnson	1800 Pawnee	Lincoln, 68502	423-9075
Recording Secy..	Vera Lyman	420 N. 56th St.	Lincoln, 68504	464-6089
Treasurer.....	Phyllis Parks	2435 S. 19th St.	Lincoln, 68502	476-6798
Board Member....	Marita Bigley	6126 Hartley	Lincoln, 68507	466-0211
Board Member....	Virginia Green	6120 The Knolls	Lincoln, 68512	423-5032
Board Member....	Frank Rule	6333 Kearney	Lincoln, 68507	466-1697
Board Member....	Farel Hyland	6934 Francis	Lincoln, 68505	466-3387

Nominating Committee--3 years..Bob Walker, Irl Everett; 2 years..Wilfrid Wittman,
Edwin Johnson; 1 year..Marita Bigley, Lynn Wells

STANDING COMMITTEE CHAIRPEOPLE:

Programs	Howard J. Taylor, Jr.	Liaison and Calling	Marie Taylor
Education	Marilyn Smits	Refreshments	Mary Walker
Hospitality	Goldie Quinn	Scholarship	Howard Taylor
Historian	Lois Everett	Outside Displays	Bruce Simon
Librarian	Kay Graber	Housing & Property	Dick Roberts
Membership	Mary Lambert	Publications	Glen Litzenberg
Field Trips & Safety	Walt McCoy	Auditing Comm. 1980	TBA
Sunshine Corner	Susan Taylor	Junior Activities	Mary Walker
NAOESCI Reporter	Evelyn Ulrich		
1981 Show	TBA		

LONG RANGE PLANNING AND BY LAWS COMMITTEE

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

PICK & SHOVEL STAFF: Chairman...Glen Litzenberg

Editor	Evelyn Ulrich, 3521 S. 48th St., Lincoln, NE 68506 (488-9051)
Club News	Helena Baegl
Sunshine	Susan Taylor
Typist	Flossie Litzenberg, Marita Bigley, Linda Parks

DEADLINE 1st of Month of Issue. 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.

CALENDAR

General Meeting: Saturday, January 24, 1981
Nebraska Center for Continuing
Education, 33rd and Holdrege,
Norfolk Room
Parking available north of building

There will be a Swap and Magic Show
beginning at noon. (12:00 o'clock)

Regular business meeting beginning
at 7:30 P.M. followed by a
SUPER SPECIAL PROGRAM!

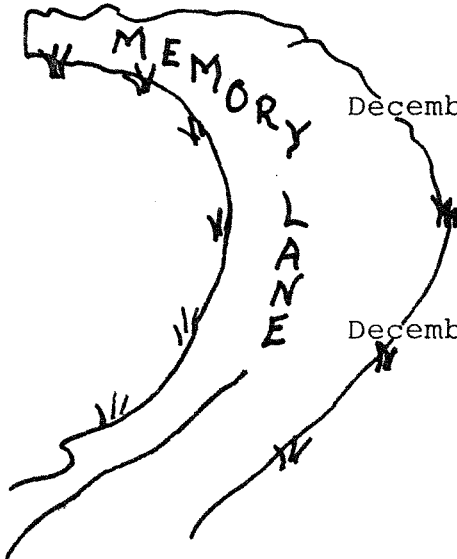
Board of Directors' Meeting:
Thursday, January 8, 1981, 7:30 P.M.
American Charter (State Federal) Building
40th & South Streets
1980 and 1981 Officers to attend.



LAST MONTH - - -

Fifty five eligible voting members were present at the November 22nd meeting of LGMC to elect 9 officers to serve their club during the year 1981. They also chose 2 members to serve on the Nominating Committee for a 3 year term. We wish them all well and a successful term of leadership. The list of newly elected officers follows on another page.

The Business Meeting was followed by a slide program; presented by Jim Taylor, of displays of the '80 National Show; taken by Tom Rule.



December 1970 . . . LGMC Christmas Party was held at the WOW Building. We had installation of officers. We had a Pot Luck Feast, with LGMC furnishing the Turkey and dressing; along with all the trimmings. A Gift exchange was made.

December 1960 . . . Christmas Party was held at the Munny Building where the Lapidary classes were held. 22nd & M Streets. Election of Officers was held. A Gift exchange was held with Gems, Minerals, Slabs, Rock, etc.

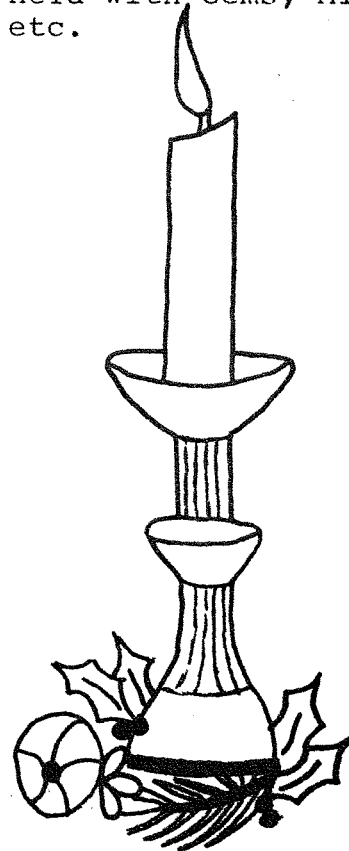
HELLO FROM THE SUNSHINE CORNER!

May the glow of Christmas
be the sunshine of your heart!

An operation get well card was sent to Ray Taylor this past month.

MERRY CHRISTMAS! HAPPY NEW YEAR!

Suze Sunshine



THE PRESIDENT'S MESSAGE

Best wishes for a happy holiday season to all of the membership. May the new year hold much in store for all of you. For the club, the new year holds much to be looked for. We will have some of the usual events such as the midwinter swap and a spring show. Some super trips and programs are in store for all of the membership and guests. For starters, the January program will be on the eruption of Mount Saint Helens, presented by James B. Swinehart II, of the Conservation and Survey Division of the University of Nebraska. I have seen these slides at a Nebraska Geological Society meeting and they are superb.

I will be getting in touch with much of the membership in order to make committee appointments for 1981. Since it is my policy to avoid appointing elected directors to committees, there will be some changes from this year.

On November 16th, a field trip was taken into the Odell, Fairbury, and Alexandria areas. The trip was attended by John and Phil Abel, Eddie Ridge, Yvonne Carignan, and I. The Permian outcrop east of Odell (the Grant Shale) yielded a small crinoid colony of Nebraskacrinus tourteloti that will prove to be of some significance. I was sufficiently impressed and have submitted an abstract for the North Central Sectional meeting of the Geological Society of America to be held in Ames, Iowa, in May of 1981. In addition to the crinoids, the outcrops of Cretaceous age strata yielded some fine leaf imprints from the Dakota Group shales, and some excellent shark teeth were recovered from the Graneros Shale-Greenhorn Limestone interval near Fairbury. Teeth of several species of sharks, including ancestral forms to the great whites, tigers, and makos, were recovered. A group of ammonites were found in the Graneros-Greenhorn interval near Alexandria. We closed the day by looking at several beds of bentonite (altered volcanic ash) in the Graneros-Greenhorn interval exposed near Hebron.

December 14th produced an impromptu field trip that was attended only by Jim and Phyllis Parks and I. The small number of participants did not detract from finding several interesting things, including a Permian nautiloid from the Fort Riley Limestone at the old county quarry near Wymore. We also found some geodes with small quartz and calcite crystals. An exposure of the Permian age Herrington Limestone near Odell yielded some large pieces of calcite, and, for the first time, some fossils of an undetermined nature. The fossils look like little clam shells, but I suspect they may prove to be very large ostracods. They came from a rather discontinuous limestone ledge that may have been the bottom of a Permian age pond.

1980 has been a year of many challenges. Some were met with great success, such as the National Show and the related events. Some were met with less success than hoped for, and others with downright failure. The latter two categories will receive much more attention in 1981.

In closing, I wish to thank the Pick and Shovel staff, the various committee members and chairpersons, and the directors for the support and constructive criticisms they have given through 1980. I will be looking forward to 1981 and its many challenges.

Again, Merry Christmas and Happy New Year.

Roger Pabian
President

From the Editor's desk . . .1980 will soon come to a close, and with it will end my duties as Secretary for LGMC. The last two years in office have been a very rewarding experience as well as a fantastic 'learning' adventure. I want to express my sincere thanks to the members of the Club for giving me the opportunity to serve in this capacity.

I now embark on a new adventure; as Editor of the Pick and Shovel. Evelyn has done a fantastic job for the past eight years, and the number of awards and trophies she has won certainly confirm it. In behalf of the Club; "Thank You, Evelyn, for such a fine job! Good Luck in all your future plans".

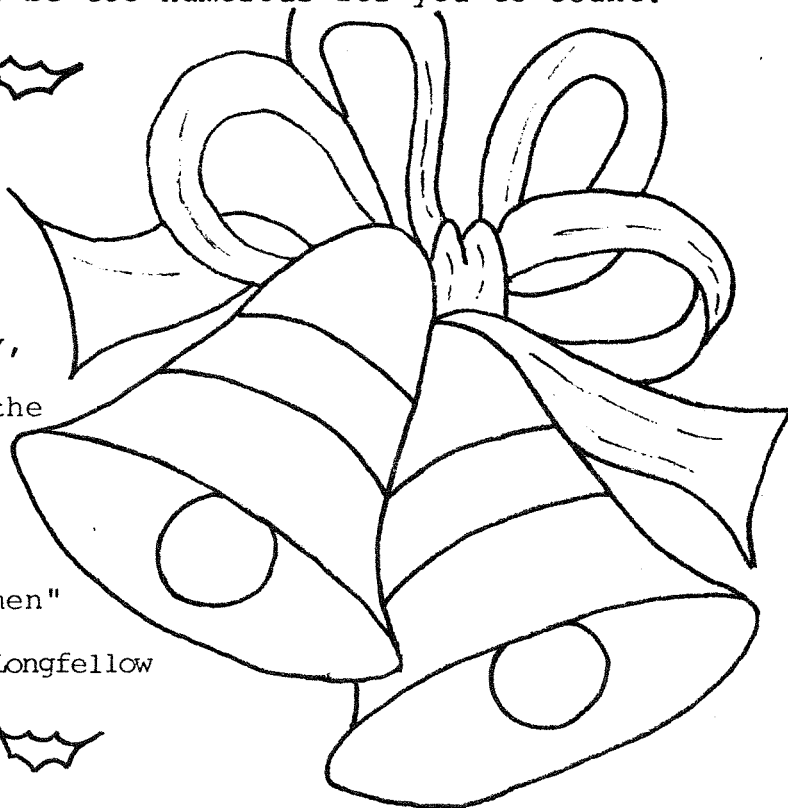
I am looking forward to your support in this venture, and always ready for suggestions and criticisms. They are needed to improve a 'good project'.

May the Holidays for each of you be filled with Joy; and the Blessings of the New Year be too numerous for you to count!



"I heard the bells
on Christmas Day
Their old,
familiar carols play,
And wild and sweet the
words repeat
Of peace on earth,
good-will to men"

Henry Wadsworth Longfellow



Christmas is the sound of bells and laughter,
The glow of candles, the scent of pine -
The joy of being with family and friends
And, most of all, Christmas is sharing
and caring.

HAVE A VERY MERRY CHRISTMAS AND A HAPPY NEW YEAR!

1981 CLUB OFFICERS

- President-----Roger Pabian
- 1st Vice President-----Irl Everett
- 2nd Vice President-----Jim Taylor
- Secretary-----Nelda Oliver
- Treasurer-----Phyllis Parks
- Board Members-----Virginia Green
 Ray Lambert
 Lois Everett
 Florence Boring
- Nominating Committee (3 yr)--Marie Taylor
 Jim Parks

CHRISTMAS PARTY

The annual Christmas Party was held on Saturday, December 6, 1980, 6:30 P.M. at the Nebraska Center for Continuing Education. Honored guests at the party were Prof. & Mrs. C. Bertrand Schultz; Executive Director of the Nebraska Academy of Sciences; and Prof. Rosalind Morris; President of the Nebraska Academy of Sciences.

They were introduced by the President, followed by introduction of old and new Club officers.

the only business conducted was a motion by Irl Everett, second by Ray Lambert, to accept Howard Taylor, Florence Boring and Vera Lyman for the auditing committee. Motion carried.

Prayer was led by Irl Everett, followed by a delicious meal of Turkey and all the trimmings.

Roger thanked Marge Heedick for the fine job as Christmas party chairperson. Florence announced one of the many events coming up regarding the Neihardt Centennial celebration.

1980 National Show Chairman, Howard Taylor, then presented the Financial Show Report. We realized a profit of \$ 24,693.30. 50% of this amount will go to the Midwest Federation and 50% to LGMC. (\$ 12,346.65 for each) A check for \$ 750.00 was then presented to Prof. Morris, for LGMC's life membership in the Nebr. Academy of Sciences, from the '80 Show Board. The tape recorder was presented to the Secretary. Then Howard presented the new Editor with a brand new Royal Electric typewriter!. As the new Editor, I sincerely wish to thank Howard and his Show Committee.

Prof. Morris thanked the Club for the Membership Gift in the Academy. It will be used to fund High School Scholarships.

Prof. Schultz then presented an excellent slide program on the Nebraska Sandhills and animal migration. Some slides also of the Halsey area and the devastation of the fire.

He also commented that the large boulder at Belmont School was carried from Sioux Falls, S. Dak. to Lincoln during the ice age. An excellent program and party. It was climaxed by a gift exchange.

Dear Club Members:

The time for our 23rd Annual Gem and Mineral Show is drawing near. The show will be held April 11 & 12, 1981, in the Agricultural Hall at the Nebraska State Fairgrounds.

It's time for each of us to start thinking about what we want to display and deciding what we as individual club members can do to help put on "our show" and make it as much of a success as the others we have hosted in the past.

There are still some committee positions that need to be filled. I am counting on many of you to volunteer to help put on this show, and am looking forward to working with all of you.

Respectfully,

Jim Taylor
1981 Show Chairman



MEMBERSHIP DUES ARE DUE FOR '81

Dues are due as of January 1, 1981, and become delinquent on January 31, 1981. The Club Treasurer will accept your 1981 dues payment at any time. Your check may be mailed to Lincoln Gem & Mineral Club, P.O. Box 5342, Lincoln, Nebraska 68505; or given to the treasurer at any meeting. Payments made after January 31, 1981 will require reinstatement by the Board of Directors and payment of a \$ 1.00 fee. Dues schedule on inside back cover.

If you have any address changes from 1980, please notify the Editor.

IF YOU WANT TO GET SOMETHING DONE, GIVE THE JOB TO
A BUSY PERSON!

NEIHARDT CENTENNIAL - January 8, 1981

by J. D. Young

LGMC Honorary member, Nebraska's Poet Laureate, John G. Neihardt.

Devotees nationwide are planning several observances through the coming year; the hundredth anniversary of his January 8, 1881 birth. For more information about his Gem and Mineral hobby, the reader may refer to my article in the June 1979 issue of The Lapidary Journal, "A Poet Laureate Lapidary", pages 818-823.

Neihardt was no physical giant in size, but he has had few equals otherwise. His youthful strength and endurance were superb; a human powerhouse with an unusual mentality. This he maintained through most of his nearly 93 years until failing eyesight and bodily infirmities of age closed in upon the "Little Bull Buffalo" of the Omaha Indian neighbors - "The Flaming Rainbow of the Sioux".

His literary works were not restricted to Indian themes, but his most popular prose book Black Elk Speaks, has had the widest acclaim and has been translated into at least ten foreign languages. It was almost 'lost in the shuffle' after first publication in 1932. The publisher offered to 'remainder' the hard-back copies at about 40 cents each, and there were no takers! Eventually, the book found its way to Europe's Carl Jung, who was so impressed that he promoted a German translation, after which it returned to America for its amazing literary rebirth. Former Nebraskan, Dick Cavett, emphasized its greatness on ABC television in a 90 minute interview in 1971, repeated in 1972. It has been produced on theatre stages and a motion picture is planned.

Black Elk, the late Sioux Holy Man, adopted Neihardt as his spiritual son, and revealed to him much of his wisdom and Indian tradition. He regarded the poet as a fitting recipient, saying of him; "He is a word-sender. The world is like a garden. Over this garden go his words like rain, and where they fall, they leave it a little greener, and after his words have passed, the memory of them shall stand long in the West like a Flaming Rainbow."

Though Black Elk Speaks is now Neihardt's best known book; there are several others worthy of note here. His mystic poem, The Divine Enchantment, he wrote as a teenager and published in 1900, is a book-collector's gem; so rare it is almost priceless. The phenomenal story of its writing, publication, and later destruction of most all available copies through re-purchase and burning by the author himself, would be a classic. He had apparently underestimated its value; for he wrote in one gift copy; "Exhibit A in the case of posterity against John G. Neihardt."

His A Bundle of Myrrh (Love Lyrics) impressed the gifted young sculptress, Mona Martinsen; trained by the great Rodin in Paris. She was the charming daughter of Rudolph Martinsen, President of the Missouri, Kansas and Texas Railroad; President of

NEIHARDT CENTENNIAL - continued

the Maxwell Land Grant - an accomplished musician. Mona wrote to the young poet; then living in Bancroft, Nebraska. This started a romance by mail, and later Neihardt met her for the first time at the Omaha depot with a marriage license in his pocket.

Mona continued her artistic talent, but subordinated it to homemaking and her husband's literary career, saying; "John's is the hand of pure gold, I am the alloy." The bust of Neihardt in Nebraska State Capitol's Hall of Fame is one of her creations, as well as an earlier one in the Bancroft branch museum of the Nebraska State Historical Society.

Outstanding among his twenty five or more book publications is A Cycle Of The West, a series of five narrative epic poems called "songs". These were published as separate volumes when each was finished. The University of Nebraska press now combines them in two volumes; The Mountain Men and The Twilight Of The Sioux. Writing the "Cycle" occupied the Poet's time for over 28 years and it will probably remain as his most important work.

When The Tree Flowered (prose) was Neihardt's last published book before he returned to Nebraska to write his Autobiography, Vol. 1; All Is But A Beginning and Vol. 2; Patterns and Coincidences. The latter was finished by his daughter, Hilda Petri of Columbia, Missouri; with an epilogue after his death and published post humously.

Plans are being made for the first of the number of Neihardt Centennial observances as explained in the Lincoln Newspapers; Journal, Nov. 26 and Star, Nov. 27; a dinner at the Nebraska Capitol Rotunda on January 8, 1981.

A commemorative postage stamp has been proposed by Dr. Robert M. Vassell of Omaha, Nebraska 520 North 86th Street. 68114. Loyal Neihardt fans may help to promote this issuance by writing their recommendation to Dr. Vassell, or directly to:

Citizens Stamp, Advisory Committee
U. S. Postal Service Headquarters
Washington, D.C. 20260

J.D.Y.

\$15 Million Rock

A 108-carat tourmaline crystal, valued at \$15 million, went on display for the first time at the Smithsonian Institution in Washington, D.C. The 55-pound crystal was discovered in Minas Gerais, Brazil, in 1978.

via Omaha World-Herald
November 27, 1980

TUSK-TAKING THREATENS WORLD'S ELEPHANT HERDS

submitted by Ewald Paul

The African elephant, largest land animal in existence, is proving no match for the Kalashnikow automatic rifle, the rocket-propelled grenade and other implements of man's inhumanity to man.

With ivory fetching \$ 35 a pound on the world market, elephants are being illegally slaughtered faster than they can reproduce and are threatened with extinction.

Oris Douglas-Hamilton, Kenya-born daughter of an Italian ivory hunter, said human greed "is putting an end to a species that has been perfecting itself for 40 million years-just for elephant tusks."

Douglas-Hamilton and her husband, Iain, recently completed a continentwide "census" of African elephants and reach the conclusion that no more than 1.3 million of the beasts survive in the wild. It is clear that elephant herds are rare or non-existent today in areas where vast numbers of the animals abounded a decade ago.

What is proving to be the elephant's undoing, is the ready availability of advanced small-arms weapons of both Soviet and West European manufacture. A Rifle used by NATO troops is in plentiful supply in Africa.

Poachers can sneak into a national park or other protected area and in a matter of minutes wipe out 20 elephants and harvest a ton of ivory. Elephant carcasses with tusks removed are a common sight in tropical Africa.

Many of these poachers are believed to be ex-terrorists from countries that have passed through periods of civil strife.

"What are you going to do when the fighting is over?" Douglas-Hamilton asked.

Ivory Incentive

Killing of elephants by individual hunters and by farmers who regard the animals as crop-destroying pests continues to be a problem sharpened by the fact that those people, too, have access to improved weapons.

In addition, there is an incentive to a small farmer to augment his income by bootlegging a tusk or two in the black market. A pair of small tusks weighing 22 pounds each, which would fetch about \$ 1,500 in the world market, will bring a farmer \$ 500-more than an average year's income.

The United States imports about 20% of the world's fashioned ivory. The elephant is considered threatened, but not endangered, by this country, allowing import of its products only with special permits.

Every time someone buys an ivory bracelet, earrings or some trinket, they should realize that they are helping to put an elephant in his grave.

An account of the elephant's plight appears in the November issue of National Geographic magazine.

via Chicago Sun-Times

via The Lincoln Journal 11-27-80

TOUR OF THE CANADIAN ROCKIES
September 26 - October 7, 1980

For a number of years we have read and heard of the wonders and magnificence of the Canadian Rockies with their rugged peaks and azure blue lakes nestled in the valleys. Our trip was booked by AAA.

On September 26th we left by plane and had a short airport visit with some of our family in Denver. Then we boarded our flight to Winnipeg, Canada. After a 24 hour delay, we were to travel by way of the C P RR. The next morning we had a phone call from the young man who was our traveling companion on the flight from Denver. Mr. Penner is an Administrator of a Company building condominiums in Breckenridge, Colorado, and lives in Winnipeg. He invited us to tour the city with his wife and two young sons. The day was clear, like Indian summer. He drove thru the business and residential areas where there were well kept streets and yards and large homes. The trees glowed with their fall colors showing the wonders of nature.

Winnipeg has an animal and bird Zoo. There were black, grizzly, and polar bears and a variety of other animals. We saw white owls with their big wise eyes and rotating heads. Others were speckled or had dainty patterned feathers. A flock of flamingoes roamed freely flapping their wide wings, proudly walking with their slender legs and reaching down with their long necks to nibble the grass with their crooked beaks. There were many cages with colorful parrots, pheasants, cockatoos and smaller birds. Mr. Penner then drove over to the Arboritum where tropical, and many other plants were displayed beautifully. Eight wedding parties were gathered to use the gorgeous background for pictures. The cars of the wedding parties were decorated beautifully with streamers, bows, and flowers making them look like floats for a parade.

The Penner Family, as Christians, are Mennonites involved in the concerns of people in need such as (people) affected by disasters. We noticed the quaint accent of the Canadians and their ending a sentence with "Eh?".

At the CP RR station where we waited, we met some of our tour group. At 1 A.M. we boarded the Super Continental. At that time of night it was somewhat confusing to get settled in our berth. We had anticipated the train ride would be exciting, but the roadway was rough much of the way. Frequently there were smooth stretches where the tracks had been serviced. There were three locomotives pulling the blue and yellow stainless steel cars, 16 in number, with two Vista Domes and two dining cars. From the Vista Domes we could watch the train pulling thru straight stretches and long curves. It traveled over the prairies and hills of Manitoba, Saskatchewan and Alberta. We saw vast areas where grain had been harvested, rolled bales of hay, and wide, wide open spaces. In the afternoon we began to see the Rockies in the distance. Winding thru the foothills into the mountains, we arrived at Banff. The beautiful historic Banff Springs Hotel is built of rugged stone. The gardens were well kept and the frost had not taken many of the flowers.

TOUR OF THE CANADIAN ROCKIES - continued

We toured Banff and took a ride on the Ski-lift, a 4 passenger gondola. We saw the majestic peaks, dark green forests with areas of golden aspen and other colored trees. The next morning we went to the Museum of Natural History of birds and animals and showing the growth of trees. Later we walked down to see the Bow Falls and River below the Hotel grounds.

On the trip to Lake Louise the scenery was fabulous and uplifting. Only specially trained drivers are permitted to drive up this road as it is steep and narrow with short curves. There were a couple short curves where the driver had to back up a spur and then drive ahead to get on the higher road. We passed the Kalalaw Falls, 1248 Ft., highest falls in Canada. An awesome sight.

The panoramic view all along the tours, the wonder of it, and the mists created by the falls recalls the words:

"All nature sings and around me rings

The music of the spheres."

From the highway, up above on the mountainside, we could see the long freight trains pulled by three locomotives in front, two more in with the 100-150 cars, and two more pushing behind. These last two were called "slaves". On Nov. 7, 1885, the Canadian Pacific R R was completed across Canada from Ocean to Ocean. It is thrilling to read of the spiral or pretzel tunnels thru which 5 miles of track is built through solid rock. "Coming from the east, the road first enters the western corkscrew tunnel of 3200 ft. under Cathedral Mountain. Emerging from the tunnel twist, the track runs back east across the Kicking Horse River, and then enters the eastern spiral tunnel of 2910 ft. under Ogden Mountain, and after describing an elliptic curve emerges again across the Kicking Horse westward. The whole thing is a perfect maze, the railway doubling back upon itself twice, tunnelling under mountains and crossing the river twice in order to cut the grade from 4.5 to 2.2 A thousand men were employed at a cost of \$ 1,000,000. 75 carloads of dynamite or 1,500,000 pounds to remove the 650,000 cu. ft. of rock. This project was finished Aug. 28, 1909.

On the way to Jasper our motor coach stopped in the area of the Columbian Ice Fields. Here we viewed the Athabasca Glacier. The ice fields cover 150 sq. miles and is the largest body of ice south of the Arctic Circle. The depth of the ice ranges from 2,000 to 5,000 ft. This area of glaciers, rivers, and lakes gives Canada the claim to having more water resources than any country in the world. In the places we stayed the drinking water was always clear and pure.

Near Jasper our group had the exciting ride on a sky tram and were hoisted $1\frac{1}{2}$ miles up to the top of Whistler Mountain. With 30 passengers it went up 600 ft. per minute, to the upper station 8500 ft. above the valley. Once again it was that breath taking panorama of snow capped peaks. A gift shop and snack bar were in the shelter.

We asked our tour guide if there was any jasper around Jasper and he said no, there was none. The town was named after an Explorer of that region. There is a supply of Quartzite and Soapstone around the area. Soapstone carvings were plentiful in gift shops.

TOUR OF THE CANADIAN ROCKIES - continued

From Jasper we traveled over Yellowhead Pass and over miles of mountains seeing lakes and evergreen forests with many colored trees in their autumn hues. Kamloops was our destination and from there we took the flight to Vancouver. This is a city of over 1,000,000. Touring Vancouver we stopped at Stanley Park where there are a number of historic Totem Poles. Most interesting, there were the Canadian Geese. We were told that the geese watch the volleyball games on the large green. Geese line up along the field. Their heads would follow the ball back and forth as it was batted. It is said they never missed a play. The geese are their most loyal fans. The tour took us thru the rain forest, thick with undergrowth and trees. It was dark in there. We went on to the Capilano Suspension Bridge 450 ft. long, spanning 350 ft. of the canyon and it was 230 ft. above the river. Cables were anchored in massive concrete blocks. The Fish hatchery showed the development of the salmon from the eggs to the huge ones.

We were taken to the Queen Elizabeth Sunken Gardens solidly planted with luxurious plants and flowers. The Bloedel Conservatory flower garden is beyond description in words. Tiny birds flitted about warbling their sweet songs.

Driving thru Shaughnessy Heights we were in an exclusive residential area of Consulate Mansions, all priced above \$ 500,000. There are no rental properties, no business, no schools nor stores.

In some areas the people complain that the bears come into their yards, but the bus driver said they were wrong. It is the people who come into the bear's yard. They have become a problem. The day we were in Vancouver, they were mourning the death of their performing whale. He had been there 13 years and millions of people had seen him in his show. This was a loss of a great friend.

The huge ferry that took passengers to Victoria was loaded with busses, transports, trucks, and cars. We were told that the Butchart Gardens is one of the largest in the world. Some of our Gem & Mineral Club members have no doubt visited it. Formerly, the area was a quarry from which Portland cement was excavated and sold all over North America. Resources gave out and Mrs. Butchart began to make a flower garden out of it. The unsightly Quarry is now covered with a profusion of wondrous growth. There are various themes of arrangements as Japanese, Italian, Tropical, Star, Sunken Garden, Rose and others. In 1964, the 60th anniversary, the Ross Fountain was dedicated. The fountain is lighted by colored flashing lights at night. Mrs. Butchart has passed on and the Enterprise is in the hands of her grandson. The garden is truly inspiring and causes one to express gratitude for such beauty.

Our tour group was made up of friendly, delightful people from Canada, Australia, England, and from all over the United States. They became new friends. Our tour guide was a capable young man with a happy sense of humor. There was an abundance of delicious and well prepared food and always courteous, thoughtful people all along the way.

TOUR OF THE CANADIAN ROCKIES - continued

In conclusion, we reflect that millions have viewed the majestic, magnificent and awe inspiring natural creation of the Canadian Rockies. The vast mountains, the colorful forests, the azure blue and emerald green lakes, and under and within are hidden gems and minerals, all, all overwhelms us to thankfulness and to praise God the Creator. We collectors are made realistically aware not to covet nor to destroy, but to gather and to share. So we join in song in the words of that hymn:

O Lord, my God, when I in awesome wonder
Consider all the worlds Thy hands have made . .
May we rockhounds become worthy of the trust from God.

by Rev. Raymond R. Pfeiffer

HAVE YOU HEARD THIS ONE?

by Flossie Litzenberg

Our son, Bob, took us in his motor home to Oxnard, Ca. in November for us to visit my sister. He talked to truck drivers on the way quite a bit on his CB radio.

On our way back home, going across Arizona, an 18 wheeler passed us. Bob called him and said: "You have something leaking from your trailer."

Trucker replied. "Yes, I know, my whale is splashing the water out of his tank."

We all laughed and I thought Bob was going to fall off his seat.

Trucker, "You don't believe me?"

Bob, "Well! I've never heard that story before."

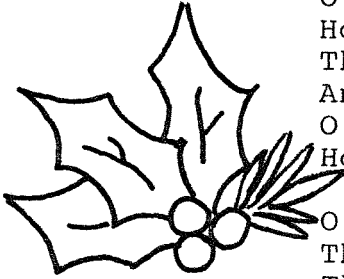
Trucker, "I am delivering a whale in a temperature controlled trailer to a park in Tulsa, Oklahoma, where they are setting up a park similar to Disney Land and he splashes out his water. I am going to have to stop somewhere and fill up his tank again."

Bob, "I believe you, but you got to admit that is a whale of a story."

1981 Federation Shows:

CALIFORNIA	EASTERN	MIDWEST	NORTHWEST	ROCKY MOUNTAIN AFMS SHOW	SOUTH CENTRAL
Anaheim, California August 7-9	Lexington, Kentucky June 26-28	South Bend, Indiana July 23-26	Kent, Washington August 21-23	Salt Lake City, Utah June 4-7	Lubbock, Texas

O CHRISTMAS TREE



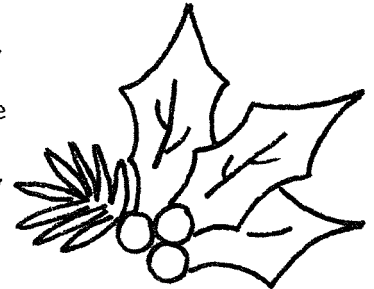
O Christmas tree, O Christmas tree,
How green thy branches ever!
Thou still art green when summer wanes
And wintry winds sweep o'er the plains,
O Christmas tree, O Christmas tree,
How green thy branches ever!

O Christmas tree, O Christmas tree,
Thy verdant branches please me.
The sight of thee at Christmas time
Doth make me sing a joyful rhyme.
O Christmas tree, O Christmas tree,
Thy verdant branches please me.

O Christmas tree, O Christmas tree,
Thy dress so green would teach me:
Fair hope, in trouble and distress,
Is felt to be a sweet caress.
O Christmas tree, O Christmas tree,
Thy dress so green would teach me.

O Christmas tree, O Christmas tree,
What golden lights adorn thee!
Like stars they shine in beauty bright,
To fill each heart with pure delight.
O Christmas tree, O Christmas tree,
What golden lights adorn thee!

O Christmas tree, O Christmas tree,
How loving hands have decked thee!
Thus God's own love will make of me
For paradise a shining tree.
O Christmas tree, O Christmas tree,
How loving hands have decked thee!



From the German
Tr. H. Brueckner, 1926

Merry Christmas

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. Betty Smith, 10607 Mary Ann, Zeeland, MI 49464. All subscription orders should be sent to Parrot Printing Service, 2125 Forest Ave., Des Moines, IA 50311.

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JANUARY 1981 - Issue No. 210

1980 FALL EXECUTIVE MEETING

On November 1, 1980 I had the opportunity to attend my first MWF Executive Meeting. It was held at Notre Dame's beautiful Athletic Convocation Center.

After coffee and rolls the State Directors met for their meeting. Reports, problems and helpful ideas were discussed.

The Executive Committee meeting started about 10:30. Permanent committee reports were given - or read if the committee chairman was absent.

HOWARD TAYLOR reported on the 1980 Convention - Show held at Lincoln, Nebraska in June. A large check was donated to the MWF as their share of the profits. As a token of gratitude for their efforts this past year, HOWARD and his family were unanimously acclaimed "MIDWEST FEDERATION ROCKHOUND FAMILY OF THE YEAR".

The 1981 Convention - Show will be held at the Notre Dame ACC in South Bend, Indiana, July 23 thru 26. JAMES RUSSELL, Chairman, gave some preliminary insights to the show. There will be another Silent Auction with proceeds going to the Scholarship fund and crediting the individual clubs.

A discussion was held on having a closer relationship with Central Canadian Federation.

The Spring MWF Executive Meeting will be held at Mason City, Iowa, in conjunction with their show, April 25 and 26, 1981.

Committee members, LARRY DESOTEL, FRED BERMES and BERNICE MCCLOSKEY are working on a Program Book for State Directors. Its purpose is to enlighten the clubs as to exactly what the MWF does for them.

BERNICE MCCLOSKEY was appointed Chairman of a special "Library" committee. This committee will aid the individual Club Librarians.

W. E. "ED" MCNAMAR

Memorial services for W. E. "ED" MCNAMAR were held Saturday November 8 in Des Moines, Iowa, following his death in an Omaha Hospital on November 5.

ED was a past president of Central Iowa Mineral Society and a past Iowa Vice-President for the Rollin' Rock Club. He also had served as Midwest Federation assistant on the Special Displays Committee and Assistant State Director for Iowa.

ED was a resident of Des Moines and in recent years with his wife MARY was a dealer and demonstrator of wire-twist jewelry at many shows.

The Chairman of the Selection Committee for the Scholarship (AFMS) for the next year, T. M. STOUT, has announced the following three winners.

Iowa State University (Ames)
HOWARD J. WHITE
DANIEL ROBERT BURGGRAF, JR.

University of Kansas (Lawrence)
RICHARD A. ROGERS

These persons will probably finish their doctorates next spring so the scholarships will be \$1,000.

Three more students will need to be selected next spring

Congratulations.



It is none too early to begin planning your next summer vacation to include the 1981 MIDWEST FEDERATION SHOW & CONVENTION to be held in South Bend, Indiana, July 23 thru 26 at the Notre Dame Athletic Convocation Center, the scene of most of the important events that are held in the Midwest.

The Michiana Rock and Gem Club will be hosting the show which promises to be one of the most outstanding put on by the MWF.

South Bend is centrally located, near the center of the nation, served by the major airlines, Amtrak and just off the Indiana toll road.

The Notre Dame A.C.C. is ideally located, truly in the Midwest. With 135,000 feet of floor space all on one floor. Completely air conditioned there is ample space for the dealers, displays, demonstrations and wholesalers. Rooms at the Grace Tower, right on Campus and a parking area for 20,000 cars and campers.

Area clubs are most anxious to help man the booths, make favors and bring displays.

The dealers are making early reservations.

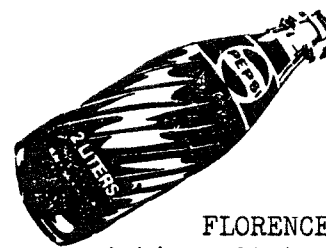
The Midwest Show promises to be a truly great one for all attending the "MIDWEST ROUNDUP OF GEMS".

Information packets will be available soon to all clubs in the Midwest Federation.

For more information, contact:

JAMES RUSSELL, Show Chairman
27911 North Street,
North Liberty, IN 46554

CATHERINE MCHUGH, Publicity Chairman



BOTTLE BILL

FLORENCE HILL
Michigan State Director

Mineral club members everywhere will be interested to know that Michigan's "Bottle Bill" is a proven success. Figures from the State Department of Transportation show that the amount of litter, especially of beverage cans and bottles, picked up along state highways by their regular cleanup crews has substantially decreased since the bottle return bill went into effect January 1, 1979. The improvement in roadside appearance is noticeable even to the casual observer.

Michigan Mineral Clubs supported the bill as being quite in keeping with our beliefs and practices. Club members took part in the statewide cleanup drive organized by Michigan United Conservation Clubs in the spring of 1979. We urge clubs in other states to get behind any such proposition pending in their areas, and help to make it law. Or, if necessary, start the Movement.



The MICRO MINERAL SOCIETY of the Cleveland Museum of Natural History of Cleveland, Ohio.

This society has 19 adult members and meet the 3rd Saturday of the month at the Cleveland Museum of Natural History. The current President is HOWARD H. SMEAD, M.D., 445-35 Hill Drive, Aurora, Ohio 44202. and...

The MIDWEST FACETORS GUILD of Mt. Clemens, Michigan.

They meet quarterly at the various members cities. There are 140 adult members.

President, HAROLD "ARIZONA" RICE lives at 65 Market Street, Mt. Clemens, Michigan 48043.

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DECEMBER 1980 - Issue No. 209

A WORD FROM OUR RETIRING PRESIDENT BERNICE

As our 40th year comes to an end and I turn the leadership of this organization over to another team, I think again of all the dreams of previous officers. Certainly the goals were high, to reach ever upward - to build a Midwest Federation that works for everyone. That is what we tried to accomplish this past year.

Our achievements can only be judged by how they work for you, for your club, and the Federation. Your letters with suggestions as well as complaints helped us to direct our services to your needs. Working together we hope we have achieved some measure of progress. Whatever success we have had has been due to the willing cooperation of my team of workers - the elected officers, the committee chairmen and assistants, and the State Directors and assistants who have served so loyally throughout the year. To them all, I express my heartfelt thanks.

To the many clubs within the Federation, I regret I have not been able to visit or personally write to all of you. Our State Directors and assistants will, or course, continue to serve you. In fact, they want to know your needs!

It has been a privilege and a pleasure to serve as the 40th President of this great organization. Thank you all.

Due to the recent illness of President MILFORD J. SHARP, First Vice President, LARRY NAWOJSKI, presided over the Fall meeting of the Executive Committee held at Notre Dame in South Bend, Indiana. The Michiana Rock & Gem Club of South Bend were the gracious hosts. LARRY will act in MILFORD'S behalf until he can resume his duties.

MILFORD'S wife, GLADYS, has also been seriously ill. We wish them both a speedy recovery.

AMERICAN FEDERATION SLIDE PROGRAM CONTEST

The American Federation has set this contest up for the benefit of every "rockhound" in the USA. Last year there were only seven entries! With inflation what it is, maybe the \$100 prize isn't enough. What about sharing your fun and knowledge with others in your hobby. This year it would be gratifying to see Midwest submit many programs and take all three prizes. (Yes, they couldn't give away two).

How do you make a program? Order "CLOSE UP PHOTOGRAPHY" for techniques; get your cameras wound up and go!!

Let MRS. KAY JENSEN, 199 East Brook Road, Pittsford, New York 14534, know Midwest is alive and interested.

WRITE FOR DETAILS.....

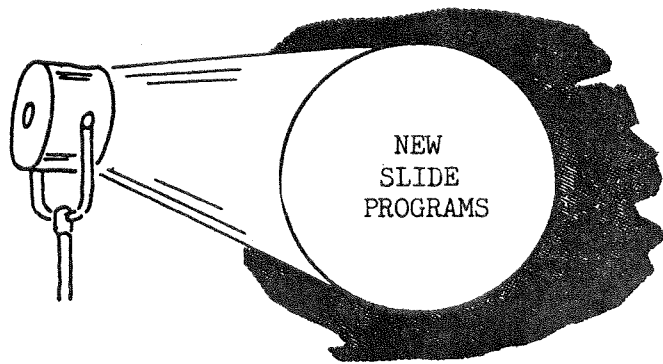
New AFMS PUBLICATION

Whether it is called "show off" or just plain displaying or exhibiting in a manner so that friends will properly appreciate your pride-and-joy items, the "GUIDELINES FOR EXHIBITORS" is a must resource.

Suggested guidelines are given for showing off prize items in your living room or den, or your "rock" collection and for impressing the public, especially the judges, if the exhibit is a competitive one at your local or regional gem and mineral show. The book is well written and easy to understand. It will help you "put your best rock, gem or mineral forward" as you display.

"GUIDELINES FOR EXHIBITORS" is available at the cost of \$1.00 plus 40 cents shipping. If your club orders two or more copies, the postage per copy is considerably less. Send your order to the MWF Director of Supplies, CLINTON I. HECKERT, 725 Stewart Ave., Elgin, IL 60120. Phone (312) 742-3160

CLINTON I. HECKERT - MWF Director of Supplies



"COPPER COUNTRY VARIETIES" - a very well done program of 80 slides, good for study or general meeting. This was done by the Copper Country Gem & Mineral Club of Calumet, Michigan and is the third program donated to the Federation by this club. All eighteen members stand up and take a bow. Keep up your wonderful work!

The newest club in our Federation (all paleontology) started out on the right foot. A "thank you" to Mid-America Paleontology Society (MAPS) for sharing their knowledge and hobby with us. "FOSSILS AND THE STORY THEY TELL" - 95 slides - interesting and not so technical as to scare off the so-so fossilifer. Travel from the Grand Canyon through Nebraska, Iowa and Illinois to Quebec. Did I say fossil program?

"SCRIMSHAW" - step by step method. Dying out of the American Whaler by FRAN KOLDOFF. A half hour program of 35 slides given us by the Greater Oak Lawn Diggers (GOLD). It is refreshing to send a program to a club for their use and when it is returned - the question, how can we donate a program? Many thanks GOLD.

"LAPIDARY CAMEOS". This is the only prize-winner in last year's American Federation slide program contest. It is composed of five phases of Lapidary Art: spheres, doublets and triplets, a ring, a carving and an intarsia. 115 slides - presented by the Tuscarora Lapidary Society of Media in Eastern Pennsylvania. Excellent for study or general meeting.

DON STINNETT/per LOUISE STINNETT
Chairman Program Requests
29462 Aspen Drive,
Flat Rock, Michigan 48134

HOOSIER ROCK SWAP

The 1980 Hoosier Rock Swap was held October 3, 4 & 5 at the Fairgrounds in Terre Haute with the Vigo Rock and Gem Club as Host. DR. BENJAMIN MOULTON, Head of the Geological Department of Indiana State University served as President. Early reports indicate the swap a financial success as well as fun for Hoosier Rockhounds. On Saturday and Sunday field trips for Fern Leaf Fossils were held.

The Hoosier Rock Swap is a roving swap sponsored by the Indiana Clubs belonging to the Midwest Federation. Various clubs host it by bidding at either a Spring Meeting or at a session held during the swap. Delegates from each Hoosier Club and the Midwest Federation State Director, CHARLES J. WALKER, govern action.

RANDALL O. CAMPBELL, President of the Muncie Rock & Gem Club, was elected President (for 1981) of the Hoosier Rock Swap at its recent meeting in Terre Haute.

Indiana also hosts two other Annual Swaps, The Indiana Swap sponsored by the Lawrence Co. Rock Club at Bedford and the 500 Swap at Greenfield sponsored by the 500 Earth Science Club of Indianapolis.

CHARLES J. WALKER - Indiana State Director

GEM & MINERAL LAPIDARY WINNER

DAVID HORSTE, a young member of the Michigan Gem & Mineral Society of Jackson, Michigan, is the winner of a competition sponsored by the Gems & Minerals magazine this year. DAVID designed and made a pendant depicting a hot air balloon. He did the cabbing and silver work, then wrote an article for the magazine describing the project. DAVID'S parents, CHARLES and MARTY HORSTE, are active members of the Jackson Club, CHARLES currently serving as club President.

FLORENCE HILL - Michigan State Director

ISHPEMING FIELD TRIP (1980)

The Ishpeming Rock & Mineral Club hosted 38 members of the Esconi Club of Illinois on a Labor Day field trip in Michigan's Copper Country. The Ishpeming Club's open field trips to the copper range on Memorial and Labor Day weekends have become noted events.

FLORENCE HILL - Michigan State Director

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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

The January Meeting will be at the Nebraska Center for Continuing Education, 33rd and Holdrege.

This meeting will begin at Noon (12:00 o'clock) with a Swap and Magic Show throughout the afternoon.

The regular Business Meeting will begin at 7:30 P.M. followed by a "spectacular" program.

PLAN TO ATTEND:

DON'T FORGET

DUES ARE DUE - - - - DELINQUENT JANUARY 31st.

MERRY CHRISTMAS

HAPPY NEW YEAR



Lincoln Gem & Mineral Club
Box 5342
Lincoln, Nebraska 68505



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