

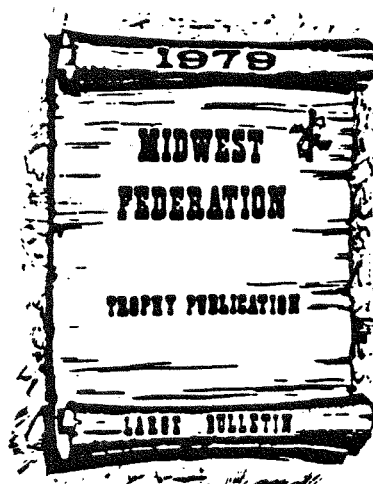
THE PICK & SHOVEL



December 1983

In this issue

TOURMALINE MINE IN CALIFORNIA
"LET IT SNOW"-etc
EUROPE-GEMS AND RELIGIONS



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. 68505-0342

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

1983 ELECTED OFFICERS:

President.....	Howard Taylor, Jr.	910 New Hampshire	Lincoln, 68508	476-3707
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Board Member....	Florence Boring	2836 S. 40th St.	Lincoln, 68506	488-6243
Board Member....	Virginia Green	6120 The Knolls	Lincoln, 68512	423-5032
Board Member....	Frank Rule	6333 Kearney	Lincoln, 68507	466-1697

Nominating Committee -- 3 years: Richard Haney, Wilfrid Wittman
2 years: Vera Lyman, Frank Rule
1 year: Marie Taylor, Jim Parks

LONG RANGE PLANNING AND BY LAWS COMMITTEE:

1 year - Jim Parks, Phyllis Parks
2 years - Marie Taylor,
3 years - Roger Pabian,

STANDING COMMITTEE CHAIRPEOPLE:

Programs.....	1983 Show.....	John Abel	
Education/Publicity.	Roger Pabian	MWF Liaison.....	Marie Taylor
Hospitality.....	Refreshments/Party..	Marj Heedick	
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Field Trips/Safety..		Editor.....	Vera Lyman
Sunshine Corner....	Susan Taylor	Junior Activities....	
NAOESCI Reporter....	Vera Lyman	'83 Rockhound of Year Chairman....	John Abel

Auditing Committee 1982.....

PICK & SHOVEL STAFF:

Editor.....Vera Lyman, 420 North 56th St. Lincoln, NE 68504
Club News.....Helena Baegl
Sunshine.....Susan Taylor

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.

Club Calendar

December							1983		
S	M	T	W	T	F	S			
				1	2	3			
4	5	6	7	8	9	10			
11	12	13	14	15	16	17			
18	19	20	21	22	23	24			
25	26	27	28	29	30	31			

GENERAL MEETING: No General Meeting in December

BOARD MEETING: January 5, 1984 7:30 p.m. Taylor Home
All members of the outgoing 1983 Board of Directors and the new 1984 Board of Directors are asked to please attend

SHOW COMMITTEE: Nebraska Hall, Room 126
December 15th, at 7:30 P.M.

ANNUAL MID-WINTER SWAP: Annual Mid-Winter Swap to be held
January 28, 1984 - Beginning at 12:00 noon. Nebraska Center
General Meeting following at 7:30 P.M. that evening
Also celebrate our Anniversary this month.

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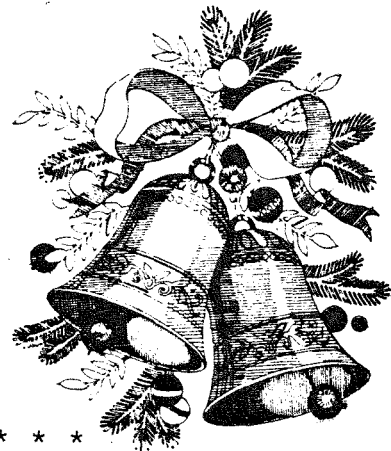
WISHING YOU
A VERY MERRY CHRISTMAS!



Seasons Greetings from the Sunshine Corner:

For all of you at Christmas Time:

You're all very special,
You're all very dear.
You're all wished
a wonderful Christmas this year!



The Taylors take this opportunity to wish
all of you a very Merry Christmas
and the happiest holiday season ever!

Suze (Snowflake) Sunshine
* * * * *

IN MEMORIAM

IF I SHOULD GO

If I should go before you do, do not grieve for me,
For it will take me a long time to reach the shining sea.
I shall tarry along the way-and pick up every stone,
Select the best and discard the rest-on that long journey home.
And by the time I've filled my sack-you will catch up with me,
And hand in hand we'll journey on-good deeds our gems will be.
When God, the Master Rockhound, high grades what we have stacked,
May he find enough gem quality to put us in his sack.

Maud Barns
CEDAR VALLEY GEMS
Nov. 1983

— * * * * *

A "MERRY CHRISTMAS" IN LANGUAGES OF FAR AWAY PLACES

- Afrikander.....Een Plesierige Kerfees
- Argentina.....Felices Pasquas Y Felices Ano Nuevo
- Brazil.....Boas Festas e Felix Ano Novo
- Bulgaria.....Chestita Koleda
- China.....Kung Hsi Hsin Nien bing Chu Shen Tan
- Denmark.....Glaedelig Jul
- Finland.....Houska Joulua
- France.....Joyeux Noel
- Germany.....Froehliche Weihnachten
- Holland....Vrolyk Kerstfeest en Gelukkig Nieuw Jaar
- Hungary.....Kellemes Karacsonyi unnepek
- Ireland.....Nodlaig mhaith chugnat
- Italy.....Buone Feste Natalizie
- Norway.....God Jul Og Godt Nytt Aar
- Spain.....Felix Navidad
- Sweden.....God Jul and (Och) Ett Gott Nytt Ar
- Wales.....Nadolig Llawen

Merry Christmas

TO ALL OF YOU

FROM ALL OF US!

by V. Lyman(CM)

President's Message

As I sit here and watch the snow falling outside of my window I have been thinking about 1983 and how quickly it is coming to an end.

During this year I have been able to reach a goal that I set for myself many years ago, that being the opportunity to serve as President of the Lincoln Gem and Mineral Club. This has been both a challenging and a rewarding experience for me. I have no regrets about the many hours that I have spent doing Club business and am looking forward to serving you again during 1984.

At this time I want to express my sincere thanks to the officers, members of the board of directors and all the members of our Club who made my job so enjoyable because of all the help that you so willingly provided.

The Lincoln Gem and Mineral Club has grown both in size and prestige. I hope that all of you have experienced the same personal pride that I have in the things that we have done and in the activities that we were asked to participate in.

Now, Marie, Susan and I want to take this opportunity to wish all of you "MERRY CHRISTMAS" hoping that each of you feel the Love of Christmas and that the New Year will bring you Peace and Happiness.

Jim Taylor

* * * * *

DUES ARE DUE

Lincoln Gem & Mineral Dues are due on January 1, 1984 and become delinquent on January 31, 1984. We will accept them anytime after November 1. at meetings, mailed to my address or to our post office box. Renewal is \$5.00 per adult, \$1.00 per junior, or \$11.00 for a family consisting of 2 adults and all children under 16. If dues become delinquent there is a \$1.00 re-registration fee.

Phyllis Parks

A LATE NOTE ---

Glad to hear you are on the road to recovery after your foot surgery, Florence. Perhaps you can pretend you are from Holland while you have to wear the wooden shoe. Speedy recovery!

MINI-MINUTES

It was announced our Mid Winter Swap will be held January 28, 1984. Proceeds of swap will go to local Scholarship Fund. Claude Scott to be Chairman.

A reminder that our dues are due on January 1, 1984 and become delinquent on January 31, 1984.

There will be no general meeting in December. The January general meeting is planned for January 28, 1984 following our Mid-Winter Swap. Plan to attend. An interesting program is being planned.

* * * * *

NEW MEMBERS: WELCOME

Mr. Gilbert Lueninghoener
1445 North "C" St.
Fremont, Nebr. 68025

Mr. Michael Smith
Rural Route 1
Bennet, Nebr. 68317

Please add these names and addresses to your Who's Who book.

* * * * *

I'M A NEW MEMBER OF YOUR CLUB

I see you at the meetings, but you never say "hello"
You're busy all the time you're there, with those you already know.
I sit amongst the members and yet I'm a lonesome guy.
The new ones are as strange as I, but you old members pass me by.
But, darn it, you folks asked us in and talk of fellowship.

via THE ESCOMO AND ROSEANN SCOTTI
THE TRILOBITE
Nov. 1983

* * * * *

FROM YOUR EDITOR

From our house to your house, the McColery's would like to wish all of you a Very Merry Christmas and hope the new year will bring all of you Love, Joy, and happiness.

"Judy"

Happy Holidays!

LINCOLN GEM & MINERAL CLUB BOARD OF DIRECTORS MEETING Nov. 3, 1983

Meeting called to order by President, Jim Taylor at 7:30 P.M. November 3, 1983 at the Taylor home. 7 Board members, Editor of P. & S. Judy McColery, Asst. Editor, Vera Lyman and Roger Pabian present.

Minutes of October meeting read. Change in wording of Gem & Mineral subscription offer. With changes motion Virginia Green, 2nd Claude Scott minutes be approved. Motion carried.

Treasurers report read by Phyllis Parks. Motion Florence Boring 2nd Virginia Green report be approved as read. Motion carried.

Paid bills presented for approval:

\$20.00 Postmaster, stamps for Editor, Asst. Ed., Pres. & Treas.
25.11 United Typewriter-Repair of stapler & Ream of paper
23.25 Vera Lyman, Mailing P. & S., September

Motion Virginia Green, 2nd Claude Scott these bills be approved. Motion carried.

Bills presented for payment:

\$36.33 U. N. October P. & S. printing

Motion Virginia Green, 2nd Glen Lyman this bill be approved. Motion carried.

Old Business:

Discussion of Christmas Party arrangements. Marie Taylor volunteered to take care of table favors. Someone sought to complete final arrangements. The Nebraska Center must be notified of guest count by Dec. 9, 1983 at the latest. Motion Phyllis Parks charge for dinner be \$6.50 per person with the club paying tax & remaining gratuity charge. Dinner for guest speaker and spouse to be paid by Club also. Motion seconded by Virginia Green. Motion carried.

New Business:

Discussion of Memorial donation by club for Marjorie Heedick. Motion Florence Boring, 2nd Virginia Green this be done. Motion carried. Motion Florence Boring, 2nd Claude Scott \$25.00 be donated for this memorial. Motion carried.

Roger Pabian reported contact by Dr. Allen Griesemer to inquire if the LGMC would be interested in transporting a 1000 lb. piece of petrified wood found at Orchard. A plaque at the placement site (Museum) of the petrified wood would recognize the club effort. Motion Florence Boring, 2nd Virginia Green this project be carried out and gas mileage be paid to Tom Simmons for the transporting of this specimen. Motion carried.

Roger Pabian (Show Chm) presented projected Show Budget:

<u>Income</u>	12 Dealers	\$175.00 each
	2 Wholesale	
	Dealers	150.00 each
	8 Demos.	25.00 each

Estimated Gate

Receipts
1500 Adults \$1.50 each
300 Children .50 each
(Discount Sr. Citizens & Students @ \$1.00 each)

Disbursements

Building	\$2,341.00
Publicity	565.00
Ribbons & Recognition	165.00
Breakfast	120.00
Printing	160.00
Dealers & Demos.	25.00
Misc.	150.00
Rock Races, promotion	150.00
Tax	96.00
Day of Setup	125.00

Motion Phyllis Parks, 2nd Florence Boring projected Show Budget be accepted. Motion carried.

Roger Pabian, Chairman LRPC reporting on suggested changes:

1. Suggestion terms of office be changed to September 1 to August 31, with annual meeting held in May. This would necessitate changes in By-Laws.

Phyllis Parks motion decision be deferred for consideration until further study possible. Second by Virginia Green.

Motion carried.

2. Minutes of General Meeting be published in P & S and Treasurers report also, eliminating need of reading at meeting. Both could be approved "as published?" Motion Phyllis Parks, 2nd Virginia Green this suggestion be presented at February General meeting.

3/ Funds generated from 1st General Transmatic Acct. be used to present annual scholarship at Show. After discussion Roger Pabian asked that this suggestion be deferred to collect maximum interest in '84.

Phyllis Parks reported that no charge made for stop-payment on checks of non-profit Organizations.

Announcements:

General Meeting to be November 19, 1983, 7:30 P.M. at the Nebraska Center. A slide program on Carlsbad Caverns to be presented. Silent Auction to be held.

Board of Directors Meeting, December 1, 1983 at the Taylor Home, 7:30 P.M.

Show Committee Meeting to be held at Nebraska Hall, December 15, 1983 at 7:30 P.M. room 126,

Meeting adjourned.

NEW OFFICERS FOR 1984

Congratulations to our new officers who were voted on at our November 19th general meeting.

Our new officers are:

- PRESIDENT - Jim Taylor
- 1st VICE PRESIDENT - Claude Scott
- 2nd VICE PRESIDENT - James Null
- SECRETARY - Vera Lyman
- TREASURER - Phyllis Parks
- BOARD OF DIRECTORS
 - Jim Stewart
 - Linda Parks
 - Marie Taylor
 - Janet Wright

At our Board Meeting scheduled for January 4, 1984, all members of the outgoing 1983 Board of Directors and the new 1984 Board of Directors are asked to attend.

* * * * *

safety

Use a glass cutter to do your trimming of slabs. Save your diamond trim saw blade for more detailed work. The glass cutter to use is the one with a carbide wheel, not tungsten. You can get one at any Sear's store. Put a good solid handle on it so you can bear down hard, then use pliers to break the slab along the scored oine.

via PICK AND CHISEL
THE GEMROCK
November 1983

* * * * *

LAST MEETING

Irl Everett's program on Carlsbad Caverns that was supposed to take place at our November meeting was cancelled because the slide projector did not work. His program will be presented at a later time.

TOURMALINE MINE IN CALIFORNIA WARMS THE HEART OF ROCKHOUNDS

The first time the Empress of China saw pink tourmaline from the Stewart Mine in Pala, California, she demanded more. And she got it! From 1903 to 1909 boatloads of it were delivered to the Forbidden City in Peking. There it was fashioned into exquisite jewelry for the Empress.

The mine still yields tourmaline today, enabling enthusiastic lovers of the gemstone to dig in the "tailings" for all the crystals they can find. "And whatever they find, they can keep," said Johnny Springer. The woman is a long-time area resident and conducts the mine tours. Tailings are leftovers from the mine, brought outside and dumped.

Over the years Johnny's had Boy Scouts, rockhounds, earth-science students, and geologists, as well as the general public, drive the switchback road up to the mine each Saturday. "Since the mine tours are open to the public they attract people from all over the world," she says. "A few months ago I took 30 people from Switzerland up to the mine."

The tailings, mounds of clay and stone excavated from the mine are filled with crystals of tourmaline lepidolite, a lavender-colored gemstone. Mining engineer Oscar Nukka actively works the mine. Not long ago he packed three tons of lepidolite from the mine into barrels for shipment to West Germany.

Lee Atkinson of San Diego visits the mine at least twice a month to dig. He displays his tourmaline crystals on the wall of his comfortable living room, and also sends some of his "finds" to a rockhound friend in Minnesota. "I like digging in the tailings," he said as he held out a handful of pink and green tourmaline stones. "I've uncovered some really good pieces here. I'd come every Saturday if I could."

Johnny's a walking jeweler's advertisement for tourmaline and has been nicknamed "The Tourmaline Lady." Her rings, necklaces and ear pendants all gleam with tourmaline.

Johnny says she's led as many as 160 people to the mine at one time. "But that's a big group," she says. "I prefer smaller groups. With so many people at once, I have to use a bullhorn when I give them the history of the mine."

Currently, a new tunnel is being dug deep into the mine. This is the the third tunnel, Johnny explained. Not long ago Nukka found several exotic green tourmaline stones and had them fashioned into a ring for his wife. "The ring is worth \$1,800," he said. Johnny's eyes sparkled as she admired it.

By Vivian N. Doering
From GRIT Magazine
Nov. 20, 1983

Submitted by Helena Baegl

"LET IT SNOW - etc."

Late last March I wrote an article for the April "Pick and Shovel" entitled "Snow." Winter was supposed to be over. I am writing about snow again in late November for December issue, before winter officially begins December 22 at 5:30 A.M., Eastern Standard Time, when the sun is farthest south from the equator. (Summer begins then for folks "down under") The seasons and the calendar do not always seem to agree. LGMC members remember our Annual Show Spring storm.

Belated winter storms and early ones are not so rare, but they usually make the news, even crowding out an over-abundance of stupid commercials and other raucous features on the tube. People seem to enjoy the novelty, especially the kids! (school closings)

The two little flurries we had several days ago were mere reminders that old Boreas, the ancient Greek storm god, was still on the team. Then came the Thanksgiving weekend weather which would have inspired those old Hellenic wits to "have words for it." **Invective!**

Our weather forecasts certainly gave plenty warning. There was no excuse to leave the garden hose out, still attached to the faucet, the storm windows not on, and the many other routine, seasonal jobs not done. (alack and alas!) A good power snow thrower, (formerly blower), a waxed "armstrong" shovel, or obliging neighbor could be a solace when the digging out comes, after any such occurrence.

Snow is the most common form of solid precipitation, made of ice crystals grown heavy enough to fall to earth from clouds. Temperatures above freezing near ground-level may cause them to adhere in large flakes. Colder temperatures near ground tend to produce harder, fine-particled snow. True snowflakes are basically six-sided with infinite variations in pattern. Very low temperatures, near-ground, may cause frozen raindrops as pellets or sleet. If rain strikes the ground before freezing it forms glaze or freezing rain over all outdoor objects including pavements and windshields, as in our recent weather spell, in which we had all kinds of it.

When freezing rain falls from higher levels and then passes through warmer moist air, sometimes forced upward by rising currents, and falling again through freezing temperatures, hailstones may form in possible multi-layered pattern. This may occur in hot summer weather. Humidity and temperature at different levels affects the resulting kind of precipitation.

Absolute humidity is the actual weight of water contained in a given quantity of air. Relative humidity is the ratio between the amount of water vapor in the air to the maximum amount

"LET IT SNOW - etc." - continued

possible at a given temperature. An instrument used measure humidity is the hygrometer, not the hydrometer used to measure specific gravity or density of a liquid, usually a graduated long-neck float.

Meteorology is the science relating to weather; and meteorologists use many instruments and devices to predict weather conditions. The old-time weather-prophet just "felt in his bones" or observed creatures, for example, the woolly caterpillar, sometimes with uncanny accuracy. Modern weather reports replace the time-honored word "probably" with the computer-worthy "per cent"! The old-timers had no airplane contrails to observe in the sky, but they knew their halos, sundogs or parhelia. Do not confuse a sundog parhellation with the term perihelion which refers to the closeness of a planet to the sun, or the moon to the earth, in their orbits. (the greater distance is called aphelion)

Most of us have had weather related experiences. This recent weekend weather brings back one that my wife and I had nearly 60 years ago. We started from Lincoln the evening before Thanksgiving to drive to my parental home east of Oakland, about 85 miles. As darkness soon came on a fine, freezing rain began, and continued through the entire distance.

Our open Model-T had no heater, windshield wiper or defroster. Small celluloid panels in the side and rear curtains, and the skimpy windshield were soon glazed with ice. They provided meager visibility, even under normal conditions. Fortunately, traffic was very light over that unmarked, rutted dirt road, later to become Hy. #77; so we continued on our way. We stopped occasionally to scrape the glaze from the windshield, but it formed again. We used a strip of wood we had for a gas tank measure for a scraper. There were no plastic scrapers yet, and no gas gauge in a Model-T. Defrosters were not yet standard equipment, but we devised a forerunner of that very useful accessory.

I removed one glove and placed my warm palm against the windshield at the best road-viewing spot. Driving with one hand was not too difficult. By alternating hands I was able to maintain a palm-sized glaze-free spot for front vision -- no wide-angle view of the road!

We arrived at my parents' home, safe but late, in early morning; and in ample time for Thanksgiving turkey. We broke no speed laws! None existed yet on highways, according to my memory.

Our windshield was coated with a one inch thick layer of ice, excepting the palm-sized peep hole!

- Submitted by J. D. Young

LINCOLN CITY LIBRARY FOUNDATION

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November 3, 1983

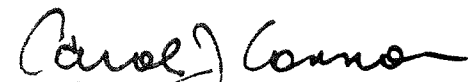
Lincoln Gem & Mineral Club
Box 5342
Lincoln, NE 68502

Dear Friends:

On behalf of the citizens of Lincoln and the Board of Trustees of the Lincoln City Library Foundation, we thank you for your gift to the Library of a 16mm film. Gifts such as yours help us offer the fine services which our users find so helpful.

Again, we thank you for your generosity and your interest in the Library.

Sincerely,


Carol J. Connor
Director of Libraries

CJC:pc

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John Lindahl, Curator
Neihardt Center/NE. St. Hist. Soc.
Bancroft, Nebraska 68004-0344


November 15, 1983

Jim Taylor
910 New Hampshire
Lincoln, Nebraska 68500

Dear Jim,

We want to thank you and your family for participating in the gem and mineral show at the Neihardt Center. We also want to thank the Lincoln Gem and Mineral Club for special displays and support for the show. Numerous visitors enjoyed the displays, and there were many compliments. If it were not for your co-operation we could not have had a show, so once again, many thanks.

Sincerely,


John Lindahl

JL:cev

GEMS AND RELIGIONS

Gemstones have been an important ingredient in human religious celebration since the dawn of time. Some of the caves of Spain and France have yielded ivory figurines of both people and animals. The human figurines are often of pregnant women and are thought to signify fertility. The animal figurines are usually of species that were important providers of furs and food. These objects may date back some 40 thousand years.

Jade figurines of humans and animals are sometimes found in Poland, a little known source for this gem. These date back about 5,000 years. These, too, are considered to have been religious artifacts. Although the order of worship of these early people is unknown, their artifacts show their concern to be in touch with God.

Jade was used by the Chinese in ancient as well as more modern times. Kwan Yin, the Goddess of Mercy, is often depicted in very fine jade carvings. Many of the very primitive Chinese jade artifacts are the Ying Yang symbols. Ying (male) represents all of the positive forces in the universe and Yang (female) represents the negative.

Amethyst has religious implications dating back to the times of Greek Mythology. Mount Olympus was inhabited by a retinue of various Gods and Goddesses. It is told that Bacchus, a God of Wine, became infuriated with a young maiden and turned her out into the wilderness. There she was pursued by hungry tigers. The Goddess, Artemis (Diana), took pity on the young maiden and to save her from the tigers, turned her into a statue of rock crystal. Bacchus then poured wine over the colorless statue, imparting to it a purple color. The name of the maiden, by the way, was Amethyst.

In the Christian Era, amethyst orbs were used to signify the triumphant church. The orb is often surrounded by four gold straps, encrusted with precious gems, and topped with a cross. Amethyst is still used as the stone in the rings of Bishops in the Roman Catholic Church.

Islam has many religious artifacts that utilize gems. Turquoise and coral are very important gems in this faith. One of the most important displays of religious artifacts of Islam is in the Topkapi Museum in Ankara, Turkey. Islam prohibits the manufacture of images; therefore, the gems are frequently laid out in very intricate geometric patterns.

The Hindus of India often referred to the see all eye of God. A large, red stone in an altar in a temple in Benares, India, was reputed to have a ruby that was thought to be the see all eye. A large, triangular crystal face of this stone was carved with an inscription of religious significance. The stone eventually made its way to the British Museum in London. The stone has since proved to be a spinel, as have most very large, historically significant "rubies."

The Old Testament has numerous references to gems. Aaron's breastplate has 12 different gems, each the gem of one of the 12 Tribes of Israel. This subject is well covered in a publication that is available at most rock shops, and the reader is referred there.

Gems have been very important artifacts in the world of religion. The topic is a very interesting branch in the world of gemology.

Roger Pabian
Education

EDUCATION '83---A Summary

The gemstone and area of interest proved to be a somewhat successful plan to approach each monthly educational program. The specific stone of the month was the best received of the two categories, but the specific area did not trail far behind. It is my hope that this method of study may continue in future years.

A statistical breakdown of the program reveals some very interesting facts. First, 21 different members participated in the displaying of gems from either a specific stone group or a specific geographic area. These 21 members displayed a total of 58 times. Each of the 21 exhibitors brought an average of 7 stones each time an exhibit was provided. This means that a total of 406 specimens were shown at the club meetings.

The above appears very good to the eye. If each member had brought just one item to display at each meeting, nearly ONE THOUSAND different specimens would have been available for viewing. One of the best ways to learn about gems and minerals and fossils is to see the material. The more one sees, the more one learns about the earth sciences. As you can see, membership participation was not anywhere near as good as it could have been.

Let's have greater membership participation in the future.

Roger Pabian
Education

SHOW COMMITTEE MEETING---December 15, 1983

The show committee met on December 15, 1983. Present were Roger Pabian, John Abel, Jim Null, Claude Scott, and Mike Smith. Committee members were given some guidelines in pursuit of their goals.

John Abel will be in charge of the Gran Premio Petrografica (Rock Races) and he told of his plans for the ramp for the gravity powered speedsters.

Mike Smith will be in charge of the working shop. We discussed the kinds of equipment that would be needed. Mike will need helpers to demonstrate various gem cutting techniques and use of equipment.

Jim Null will be in charge of the floor this year. We discussed the floor layout, which will be somewhat different than from past years. Acquisition of tables, chairs, curtains, electricity etc. was covered.

Claude Scott presented his program plan, which appears very good. Several top notch program possibilities were covered.

Jim Taylor was ill and did not attend but he submitted a phone report stating that verbal commitments from 8 retail dealers had already been received. One wholesale dealer has also given verbal commitment. The dealers listing will be printed upon receipt of signed contracts.

Plans for the ethnic jewelry display were covered. We have some very fine items lined up already.

If every member brings just one case to display at the show, we can have about 120 displays, not counting those who bring more than one case.

Roger Pabian
Show Chairman

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, Zealand, MI 49464. All subscription orders should be sent to Parrot Printing Service, 2125 Forest Avenue, Des Moines, IA 50311



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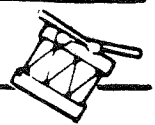
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DECEMBER 1983 - Issue No. 238



PRESIDENT'S MESSAGE

REX B. WEBB

To all Midwest Federation Clubs: When your club officers are setting up the years agenda, keep in mind that the Federation is here to serve your club. One of the main services is the MWF Directory. This is printed each year with up to date information about all MWF Clubs, Officers, Programs, Shows, etc. Two copies are sent to each club. Use this directory, it gives a world of information.

The film library is a great source of programs, for those that use the library this is old stuff, but for those clubs that do not know about it or do not use it, please check the white pages of the MWF Directory for the listing. The cost is only the return postage. All of the Chairman of the committees and their assistants are eager to help, call on them. Your State Directors have a film on the Midwest Federation, call on them to show it to your club. You can find something of interest to all your club members.

winners announced

Dr. Tibor Zoltai, honoree for the AFMS Scholarship, has announced the recipients of the two grants for 1983. They are: David S. O'Hanley, 1005 15th Avenue SE, #8, Minneapolis, MN 55414. O'Hanley has a B.S. in Geology-Chemistry from Bridgewater State College, Bridgewater, MA and an anticipated PH.D. in Mineralogy in 1984 from the University of Minnesota. He is interested in the influence of environmental conditions on the properties of crystals.

And: Roberta Lamons Salsberg, 2119 Dudley Ave., St. Paul, MN 55108. She has a B.S. in Geology from the University of Minnesota and in 1983 was a Graduate student of the University of Minnesota. Her interests are in Mineralogy, Petrology and Structural Geology.

In addition, twelve students received grants from the AFMS Scholarship Foundation in 1982 to assist in the pursuit of their advanced degrees in Earth Science. For the 1982-83 school year, the grants were increased to \$1,250 per year. In addition to these twelve grants, twelve students received the second year of the 1981 grants which remained at \$1,000. This brings to 143 the number of students who have received assistance from the Foundation, with the sum provided in these grants being \$177,650. Midwest Federation students receiving awards this fall will be: Patricia Jo Coorough - pursuing her degree in Geological Science at University of Wisconsin-Milwaukee, with an emphasis in Invertebrate Paleontology and will apply this background to a career in science education. Patricia has served as swimming instructor for the handicapped and as Curatorial Assistant at the Milwaukee Public Museum where she prepared and identified fossils.

John A. Emerick Jr., native of Milwaukee, will be pursuing his M.S. at University of Wisconsin-Milwaukee also. As an undergraduate, he served as Secretary, Vice President and President of the Geology Club and was awarded a graduate Teaching Assistantship for the '82-83 year.

Leslie Jean Hoggart, one of the 1981 students, is continuing work on her M.A. in Geology at Indiana State University-Terre Haute. Katherine Bridges completed graduate work and now has a position at DePauw University. The second year of her grant has been awarded to James Mast, working on his Masters at Indiana State University-Terre Haute.

RUSSELL P. MACFALL

Memorial services for Russell P. MacFall, 80, a retired editor of the Tribune were held Friday September 9, 1983 in St. Paul's United Methodist Church in Coronado, California. Mr. MacFall died September 6 after a short illness. He lived in Wilmette and Evanston, Illinois, for many years and moved to Coronado in 1977. A native of Indianapolis and a graduate of DePauw University he joined the Tribune in 1936 as a copy editor.

To those of us in the earth science field and hobby the MacFall name means much. He was the author of seven books and hundreds of magazine articles. The mineral "Macfallite" was named after him. He was the MWF President in 1969-1970 and was also AFMS Club Publications Chairman. Recently he was Curator of Minerals at the San Diego Natural History Museum. Our sincere sympathy to his wife, Lucy, and children, Joyce, Judy and James and their children.

PROGRAMS

As the saying goes, I have good news and I have bad news. The bad news first: We have some programs missing (might be returned by now, Editor): #14 Colorful Arizona, #27 Utah Trips & Treasures and #56 Colorful Colorado. We regret that #53 Illowa II has to be retired, at the request of the author. We want to thank Mr. Johannsen for the enjoyment he gave so many clubs with this and with #33 Illowa I, also retired. We are still receiving request for #61 Fluorescence, this also is retired. Also we may have to limit one program at a time to each club. Too many are returned in the wrong tray if there are two at one time. A little care on your part please.

Now for the good news: New programs. #123 Visit to Selected Wulfenite and Vanadinite Localities of the Southwest. This Program is by Wolfgang Mueller and is a prize-winner in the American Federation film contest. A prize winner in anyone's book; the varieties show differences in color, shape, associated minerals, conditions of formation and what is involved in collecting them. A very good program for advancing the study of these minerals. 112 slides. Another American Federation prize winner, #124 Geology, Minerals and Fossils of Virginia. With five different ages in the State, this program shows an extremely varied view of fossils and minerals. Pictures of fossil hunting areas still open, gold panning, an old copper mine, all mines and a complex geological formation. 92 slides. #126 Amber in Nature by Dr. Patty Rice. The history of amber, its superstitions, locations and many various forms are beautifully described and pictured in this program. Patty has also had tapes prepared for club use. 102 slides.

Louise Stinnett, Chairperson Program Requests

The following was a 3rd place winner in the Junior Original Article Contest of the MWF and 1st place winner in the Junior Original Article Contest of the AFMS. It was on the back page of the Bulletin Award Winners Breakfast brochure at the AMFS Show in Spokane, Washington, August 5, 1983.

BORN TO BE A ROCKHOUND By JUDY STARK, member of Austin Gem & Mineral Society, Austin, Michigan, 'Achates'

I have always heard people say that a person was born to be a doctor, singer, actor or mother. Last year I was asked how long I've been a rockhound. I really didn't know. As long as I could remember, I had gone hunting. I finally asked my mom and she said, two weeks before I was born, that they went fossil hunting at Rockford, Iowa. It was their first time and they loved picking up Devonian fossils, which are gastropods, brachiopods, corals and crinoids.

So, I was born to be a rockhound. It seemed normal to be in a quarry near Decorah (Iowa) fossil hunting. My two sisters and I would just run around, but not too far. The first thing I remember finding was a brachiopod at Dunning Springs in Decorah. I was really proud of my find.

That was the beginning. We also got a used camper the year I was born. For the next fourteen years we traveled throughout the United States. I saw sights I'll never forget and we brought many rocks. We ate, slept and walked around rocks in our little camper. One big rock with copper ore in it caused our camper to have a flat tire, I believe.

When I was about seven years old, we joined the Austin Gem & Mineral Society. I had fun going to the meetings and getting to know everyone. I loved going to the rock show and seeing all the beautiful things.

Then when I was 12, we got a rock saw and grinder. Dad learned how to make cabochons from a rockhound friend. I wanted to learn. At first my dad said no, but I convinced him, as only a 12-year-old can. Once I learned, I loved it. I made necklaces and all sorts of things.

I made several things for 4-H. First, a necklace and bracelet, then a flower arrangement of rocks. My last two projects were chosen for the Iowa State Fair. I've also taken working exhibits about rocks and fossils to the county and state fairs and the State 4-H Conference Expo. I also did a presentation on "Being a Rockhound" at the county fair and also the Dairy Cattle Congress.

Now I don't just look at the Austin (Michigan) Gem and Mineral Show, I am a part of it, just as all the people in the club are a part of my family. Also I go on the rock hunting trips out west and really enjoy it. So when anyone asks how long I have been a rockhound, I can honestly say I was born to be a rockhound.

SPOTLIGHT

ON MEMBERS

AFMS SLIDE PROGRAM CONTEST WINNER

The first place winner was Robert L. Mount of the West Suburban Lapidary Club in Elmhurst, Illinois with his program - Ivory and Ivory Substitutes for Carving and Scrimshaw.

AN APOLOGY to George Cihacek, Loup Valley Gem & Mineral Society, Inc. His name was omitted from the list of merit recipients in the 1983 Education Thru Sharing program. He was the 4th runnerup.

THIRD PLACE WINNER in the Education Thru Sharing program of the AFMS was Joan Rucinski of the Calumet Gem & Mineral Club.

CHANGE OF NAME

The Michiana Rock and Gem Club shall now be known as the Michiana Gem and Mineral Club.

ELECTED for a three year term to the Nominating Committee is Mr. Clinton Heckert, member of the Elgin Rock & Mineral Society, Elgin, Illinois, and Miss Susan Taylor, member of the Lincoln Gem & Mineral Club, Lincoln, Nebraska.

ENVIRONMENTALLY SPEAKING

The practice of conservation is a good habit for everyone. In these days of high energy costs, considerable energy is spent processing bauxite into aluminum for cans, engine blocks, toys, etc. Recycling aluminum will save our natural resources like oil, natural gas and coal used to generate large quantities of electricity required to make aluminum. Recycling paper will save many of our trees. Clubs can earn up to 40¢/pound for aluminum cans. This is an easy way to generate funds for club projects, scholarships or other club goals.

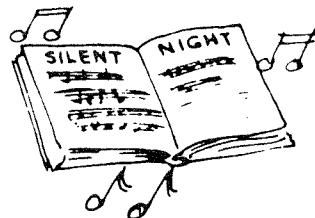
John Boland, Chairperson Environment



All clubs which held public functions such as shows, swaps, etc., in 1983, please write the Safety Chairman for the revised Questionnaire for the Safety Commendation Certificate. After receiving this Questionnaire and replying to same...please RETURN IT TO HER!!! Last year only eight clubs wrote for the Questionnaire and only FOUR clubs returned it. Subsequently, only four received one of the magnificent Certificates for 1982. Write to: Mrs. Helen R. Neumann, MWF Safety & Field Trip Chairman, 20955 Balfour, Mount Clemens, MI 48043.

MINERALS OF THE WORLD CHART The AFMS now has available a chart that is "gorgeous", as a project of the Endowment Fund. The chart is 34 inches by 55 inches, full color, with 200 minerals. It retails for \$13 but is available through the AFMS at a cost of \$11 to an individual, or on club orders (bulk preferable) at \$10. They can be ordered from Glenn Lee, "Minerals of the World Chart", 704 SW 31st St., Pendleton, Oregon 97801. Checks should be made out to AFMS Endowment Fund.

Diane Dare, Past President



Merry
Christmas

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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 \$15.00 per full page per insertion, paid in advance. 1/2 page \$7.50, 1/3 page \$5.00 1/4 page \$3.75 (min). These ads will be placed throughout the bulletin as space permits.

Subscriptions to THE PICK & SHOVEL are \$5.00 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: There will be no December General Meeting. The January General Meeting is scheduled for January 28, 1984 at the Nebraska Center.

DON'T FORGET: Mid-Winter Swap will be held January 28, 1984, beginning at 12:00 noon.

DON'T FORGET: Next board meeting to be held January 5, 1984 at the Taylor home beginning at 7:30 p.m.

DON't FORGET: Show Committee meeting at the Nebraska Hall, Room 126, December 15th at 7:30 p.m.



h.e.l.p.

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