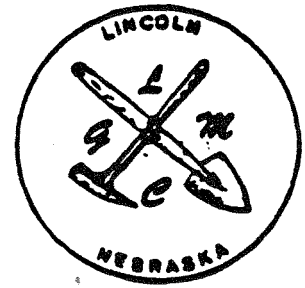


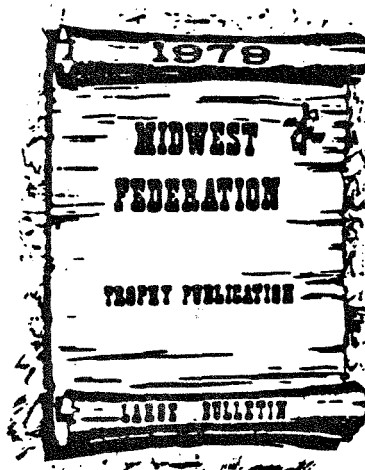
THE PICK & SHOVEL



March
1984

In this issue

St. Pat's Day
Birthstones of the Month
Show News
"Metalic Minerals" Seek & Find
A GREAT HOBBY
The Saga of Winter Texan
Rockhounds



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

1984 ELECTED OFFICERS:

President	Howard Taylor, Jr.	910 New Hampshire	Lincoln, 68508	476-3707
1st Vice Pres....	Claude Scott	4917 Normal Blvd.	Lincoln, 68506	488-0739
2nd Vice Pres....	James Null	6515 Fremont	Lincoln, 68507	467-2763
Secretary.....	Vera Lyman	420 N. 56th St.	Lincoln, 68504	464-6089
Treasurer.....	Phyllis Parks	2435 S. 19th St.	Lincoln, 68502	476-6798
Board Member....	Linda Parks	2435 S. 19th St.	Lincoln, 68502	476-6798
Board Member....	Jim Stewart	1339 Eastridge Dr.	Lincoln, 68510	489-2867
Board Member....	Marie Taylor	910 New Hampshire	Lincoln, 68508	476-3707
Board Member....	Janet Wright	3715 S. 33rd St.	Lincoln, 68506	488-1884

NOMINATING COMMITTEE -- 3 years: Jim Parks, Ervin Marshall
2 years: Richard Haney, Wilfred Wittman
1 year: Vera Lyman, Frank Rule
Roger Pabian, Chairman

LONG RANGE PLANNING AND BY LAWS COMMITTEE:

1 year - Jim Parks, Phyllis Parks 3 years - John Abel, Roger Pabian
2 years - Marie Taylor, Vera Lyman Roger Pabian, Chairman

STANDING COMMITTEE CHAIRPEOPLE:

Calling.....	Marie Taylor	Membership.....	Linda Parks
	Phyllis Parks, Marie Wells	MWF Liaison.....	Marie Taylor
Education/Publicity...	Roger Pabian	Programs.....	James Null
Historian.....	John & Lillie Lewis	Scholarship.....	Marie Taylor
Hospitality.....	Susan Taylor	1984 Rockhound-of-yr..	Roger Pabian
Housing/Property.....	Claude Scott	1984 Annual Show.....	Roger Pabian
Junior Activities.....	Ron McColery	1985 Annual Show.....	
	Janet Wright	Christmas Party.....	Marie Taylor
Librarian.....	Jim Parks		

AUDITING COMMITTEE 1983.....Virginia Green, Vera Lyman,
Ervin Marshall, Phyllis Parks, Treas.

PICK & SHOVEL STAFF:

Editor.....Judy McColery 2928 S St. Lincoln, NE 68503
Asst. Editor.....Vera Lyman 420 N. 56th St. Lincoln, NE 68504 (NAOESCI)
Sunshine Corner..Susan Taylor
Reporters.....Julius Young, Roger Pabian, "CLUB MEMBERS"

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

March							1984		
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			

JUNIOR MEETING: Saturday, March 24, 1984, at 7:00 P.M.
 Nebraska Center, 33rd & Holdrege

GENERAL MEETING: Saturday, March 24, 1984, at 7:30 P.M.
 Nebraska Center, 33rd & Holdrege

PROGRAM: "OPALS"
 by Mr. Don Johannes
 of Naperville, IL
 (A sneak preview for those unable to view at Show)

BOARD MEETING: Thursday, April 5, 1984, at 7:30 P.M.
 910 New Hampshire (Taylor home)

* * * * *

SHOW: LINCOLN GEM & MINERAL CLUB, INC.
 26th Annual Show, Ag Hall, State Fairgrounds
 Saturday, March 31, 9:00 A.M. - 9:00 P.M.
 Sunday, April k, 9:00 A.M. - 5:00 P.M.

(Remember: Set-up day on Friday,
 beginning at 9:00 A.M.)

* * * * *

AREA SHOWS AND SWAPS:

April 21-22 Central Rock & Mineral Club
 SHOW Hastings, NE

May 5 - 6 100th Meridian
 SWAP Lexington, NE

June 2 - 3 Fort Butler Rock Club
 SWAP Hebron, NE

June 9 - 10 Northeast Ne Rock & Mineral Society
 STATE SWAP Norfolk, NE

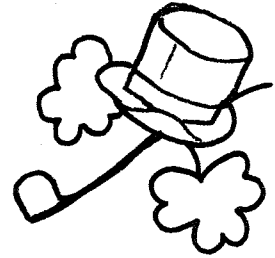
June 16 - 17 Homestead Gem & Mineral Club
 SWAP Beatrice, NE

Regional Show Schedule

CALIFORNIA	EASTERN	MIDWEST	NORTHWEST	ROCKY MOUNTAIN	SOUTH CENTRAL
San Diego	Tidewater Beach, VA	Milwaukee Wisconsin	Anchorage Alaska	Tulsa, OK	Waco, TX
July 12-15	Aug. 10-12	July 5-8		June 8-10	March 30-31 April 1

Hello from the Sunshine Corner!

A blessed thing it is for any
man or woman to have a friend,
one human soul whom we can
trust utterly, who knows the best
and worst of us, and who loves
us in spite of all our faults. . . .



- Charles Kingsley

Congratulations will be sent this month to:

Florence Boring and
Gilbert Lueninghoener

who will be united in marriage on March 17, 1984.
Our heartiest congratulations and best wishes for
a happy life together!

Suze Sunshine

* * * * *



St. Pat's Day

Origin of St. Patrick's Day!

St. Patrick is the patron saint of Ireland. He lived about 1,500 years ago, and he was the first man to spread the Christian faith throughout Ireland.

St. Patrick was probably born in the year 389. When he was 16 years old, he was stolen from his home in Britain by Irish outlaws and was sold as a slave in Ireland. After six years as a slave he escaped, but he was sure that he could bring Christianity to the pagan Irish. The Pope, the religious leader of the Catholic Church, made him a bishop and sent him to Ireland. In Ireland, St. Patrick opposed the pagan priests called druids. He converted many people, both rich and poor, to Christianity. He founded many churches and monasteries, and by the time he died, in 461, Ireland was well on the way to being a Christian nation.

There are many legends about St. Patrick. One says that he used the three leaves of the shamrock to explain the idea of the Blessed Trinity. For this reason, the shamrock is often used to stand for St. Patrick and Ireland. Another legend tells that he drove the snakes out of Ireland, but though it is a good story, it is not true because there were none in Ireland at that time. His feast day is on March 17 and on that day the Irish people of New York City parade up Fifth Avenue past St. Patrick's Cathedral in his honor.

President's Message

Have you forgotten something? I hope you haven't forgotten our show. Show time is near and I hope you have your displays ready. All members of this year's show committee have worked very hard under the direction of Show Chairman Roger Pabian. We do need people to set up and tear down and sell tickets. Now it's up to the members to do their share!

The building will open early on March 30th. We will begin setting up tables for dealers and demonstrators. Club members will be able to set up their displays in the afternoon.

A very fine group of programs has been arranged for your enjoyment. Be sure to tell your friends so that they can join you at the show.

Don't forget that we will have our regular monthly meeting on March 24th. Please come and join us!

Jim

* * * * *

IT'S SURPRISING HOW MUCH YOU CAN GET DONE - - - -
IF YOU DON'T CARE WHO GETS THE CREDIT.

- Harold Warp
Pioneer Village Sod House

By the time you get to greener pastures nowadays, you may be too old to climb the fence.

- Anonymous

If you feel you're at the end of your rope, just tie a knot and hang on!

PROGRAM

An excellent program was presented by Greg Brown, who works with Fossil Preparation at the Nebraska State Museum. At our February General Meeting he presented an interesting account of fossil preparation and problems encountered, especially the Dinosaur Fossil from Wyoming.

News Flash

Florence Boring and Gilbert Lueninghoener are announcing their marriage on March 17, 1984 in Denver, Colorado with a reception on March 25, 2:00 to 4:30 P.M. at Trinity United Methodist Church, 16th & A Sts. Lincoln, Nebraska. All Club Members are invited to their reception.

"Your presence and prayers only requested."

* * * * *

WHO'S WHO

Please add the following names to your WHO'S WHO and keep them up to date:

Paul & Beverly Rueter
Murdock NE 68407
(Toll) 867-3466

Sid Rueter
P.O. Box 221
Elmwood, NE 68349
(Toll) 994-5615

For those of you who have name tags, please make it a point to wear them to the meetings.

All members who do not have name tags, and new members will have an opportunity to order them at the March meeting.

Let's all get to know WHO'S WHO!

* * * * *

HINT - If you have a soapstone carving which has begun to look a little dull, heat the object in the sunlight, and while it is still warm, apply paste wax. Rubbing should restore the soft lustre. This same treatment can be used for an emergency touchup of a jade bracelet. An electric light bulb, or other moderate heat source, may be used instead of the sun.

- Via Rock Chips, Nov. 1982, et al

LINCOLN GEM & MINERAL CLUB - Board of Directors - Feb. 2, 1984

Meeting was called to order by President, Jim Taylor Feb. 2, 1984 7:30 P.M. at the Taylor home. Seven Board Members and Florence Boring were present.

Minutes of the January Meeting were read. Corrections were made regarding the Christmas dinner and Nebraska Academy of Science membership dues. Motion for approval by Janet Wright, second by Claude Scott. Motion carried.

As of Feb. 1, there were 84 Adult, 9 Junior, and 6 Life members.

Treasurer's report was read. Motion for approval by Janet Wright, second by Marie Taylor. Motion carried.

'83 BILLS: Presented for approval and payment.

\$ 37.60 U of N - Printing Dec. Pick & Shovel
Motion for approval by Vera Lyman, second by Marie Taylor. Motion carried.

'84 BILL: Paid but presented for approval

\$ 53.99 Vera Lyman - Mailing Jan. P & S (23.43)
Club's 29th Anniversary cake (21.00)
Paper Plates & forks (4.00)
Copying (5.56) '84 P & S Covers
Op. Budget/Jan. Labels/Board Mins.

Motion for approval by Claude Scott, second Linda Parks.
Motion carried.

'84 BILLS: Presented for approval and payment.

\$ 29.54 Latsch's - 6 Typewriter ribbons/ream of typing paper for Editor
39.25 U of N - Printing Jan. Pick & Shovel
11.71 U of N - Printing 500 Swap Flyers/Jan. Swap
Motion for approval by Janet Wright, second by Vera Lyman.
Motion carried.

Jan. Swap: Claude Scott reported excellent Jan. Swap with receipts of \$ 82.85 from Silent Auction and \$ 8.45 from swapper bucks surcharge. Total Swap expenses were \$ 22.59.

NEW BUSINESS:

A gift (check for \$15.00) was received from J.D. & Myrtle Young. They are Life members but felt they should pay dues anyway. This also was to pay membership dues for their daughter Kaye Young. Discussion followed. Motion was made by Claude Scott that \$ 9.00 be placed in Club's Education fund and balance to pay Kaye's membership. (\$5.00 dues/\$1.00 initiation fee) Second by Linda Parks. Motion carried.

At the Nov. '83 Board Meeting, approval was made that the Long Range Planning minutes, General Meeting minutes and Treasurer's report be printed in the Pick & Shovel. It was decided that the Jan. General minutes, Jan. 31 Treasurer's report (receipts & Payments only)

- continued

Board of Directors - Feb. 2, 1984 - continued

be printed in the Feb. Pick & Shovel (members only). It will be presented at the Feb. General Meeting to the general membership for their views and approval.

Mr. Tanner paid \$ 10.00 for '83 membership. These membership dues are closed. Motion was made by Vera Lyman that we purchase a "Minerals of the World" chart from the AFMS Federation for Club Library, as a gift from the Tanners for that \$ 10.00. Second by Linda Parks. Motion carried.

Recommendation to Program Chairman. Suggestion of time limit of programs at General Meeting to no more than 30 minutes.

SCHOLARSHIP RECIPIENTS:

Marie Taylor, Scholarship Chairman presented list of recipients for Club Scholarships as follows:

Dale Busch	Dick Williams
Linda Rankis	Janet Wright
Mary Rebone	

Janet asked to be withdrawn because previous recipient. Motion by Vera Lyman that Linda Rankis and Mary Rebone be recipients of our Club Scholarships of \$ 150.00 each at our '84 Show. Second by Phyllis Parks. Motion carried.

MEMBERSHIPS:

Jim and Kaye Landon - Sponsor, Jim Taylor

Motion by Vera Lyman, second by Claude Scott that we approve membership of Landon's, with their attendance at 1 meeting.

Kaye Young - Sponsor, Myrtle & J.D. Young

Motion by Phyllis Parks, second by Janet Wright that we approve membership of Kaye Young. Both motions carried.

ALL AMERICAN AWARD:

Florence Boring reported on preparation of materials for All American Club Award. She will complete two sets; one for mailing and one for Club Library. She did an excellent job. Thanks Florence.

The next Board Meeting will be held March 1, 1984 at the Taylor home.

Meeting adjourned.

Respectfully submitted,
Vera Lyman, Secretary

LINCOLN GEM & MINERAL CLUB - General Meeting - Feb. 25, 1984

Meeting was called to order by President, Jim Taylor Feb. 25, 1984, 7:30 P.M. at the NE Center.

Minutes of the January Meeting were read. After only minor corrections on several names, motion was made by Marie Taylor, 2nd Bob Walker, for approval. Motion carried.

Treasurer's report was read by Phyllis Parks. Motion for approval by Bob Walker, 2nd Paul Brauch. Motion carried. Phyllis also reported 3 new members had been approved at Feb. Board Meeting. Those being Jim & Kay Landon, Kaye Young.

Susan Taylor, Hospitality Chairman, introduced the four guests:
Greg Brown; Susan Kelly; Kevin Schwartzman; Judy Jo Thiem

NO OLD BUSINESS REPORTED.

NEW BUSINESS:

The Long Range Planning Committee met last November and returned several suggestions to the Board of Directors. One suggestion was approved by the Board and recommended to be brought to rank and file for their approval. This being that minutes from General Meetings be printed in the Pick and Shovel to avoid reading at meeting and to save time for other business and programs.

Discussion followed.

Motion was made by Tom Simmons to print the General Minutes and Treasurer's Report from the last previous meeting in the Pick & Shovel, members' copies only. 2nd by Robert Fixter. Motion carried.

Thanks Yous were offered by the leaders of the Junior Group, Janet Wright and Ron McColery. Thanks to Rev. & Mrs. Pfeiffer for the materials they donated. These will be used for study and displays. Thanks to Mr. Marshall (another gentleman whose name Ron could not recall) for various publications and Lapidary Journals they could use in their study and research.

SHOW REPORTS:

Roger Pabian reported there would be a Show Committee Meeting Feb. 27, 7:30 P.M. in the Conference Room at east end of NE Hall.

Rock Race was discussed; with questions of entries & fees.

Linda Parks was ill. She is in charge of Saturday night Social at the Show. She sent along a sign-up list with her mother for cakes.

Claude Scott presented his slate of secheduled programs.

Dealers were presented by President Jim Taylor (Dealer Chrnmn.)

- continued

General Meeting - Feb. 25, 1984 - continued

Roger requested at least 1 display from each member; also said workers were needed on Friday to set up show, for Workshop & Rock races during show, etc.

ANNOUNCEMENTS:

A note from Florence Boring & Gilbert Lueninghoener, announcing their marriage on March 17, 1984 in Denver, Colorado with a reception on March 25, 2:00 to 4:30 P.M. Trinity United Methodist Church, 16th & A Sts. All Club members invited to reception. Their presence and prayers only requested.

Jim Marburger's father is hospitalized. Doing better at this time.

Kansas City Show March 9-10-11, 1984.

Motion for adjournment by Ed Johnson, 2nd Bob Walker. Ten minute recess for Program set-up; with Rock Race demonstration during this time.

PROGRAM:

An excellent program was presented by Greg Brown, NE State Museum, on Fossil Preparation. He presented a very interesting account of the Dinosaur fossil from Wyo. prepared for transport.

Respectfully submitted,
Secretary, Vera Lyman

TREASURER'S REPORT: 1-31-84 NBC Checking Balance \$ 800.26

February Receipts:

Membership Dues	\$ 65.00
Donation; Club Scholarship	9.00
Auction; Jan. Swap	20.00
'84 Show Dealer Monies	325.00

\$ 419.00

February Payments:

Latsch's - Editor	49.54
Gem Palette Subscriptions	67.00
R. Pabian; Show Advertising	47.51
UNL Foundation (2 Scholarships)	300.00
NE Center Rent - Feb.	30.00
NE Center Rent/Refreshments - Jan.	90.04
UNL Printing - Swap	11.71
UNL Printing - Jan. P & S	39.25
UNL Printing - Dec. P & S	37.60
Vera Lyman - Mailing, Who's Who	45.03

\$ 697.68

New NBC Balance

\$ 521.58

BIRTHSTONES OF THE MONTH:

Aquamarine is a transparent variety of beryl, highprized as a gem stone because of its bluish-green color resembling seawater. The most desirable stones come from Brazil and Siberia. There are sources of the gem in Maine, New Hampshire, Connecticut, North Carolina, and Colorado. The comonest variety of gem beryl, it occurs in pegmatite, in which it forms much larger and clearer crystals than emerald (one completely transparent crystal from Brazil weighed 110 kilograms (243 pounds).

People in the Middle Ages thought aquamarine could magically overcome the effects of poison. The aquamarine is one of the birthstones for March.

Bloodstone, also called Heliotrope, dark-green variety of the silica mineral chalcedony that has nodules of bright red jasper distributed throughout its mass. Polished sections therefore show red spots on a dark-green background, and from the resemblance of these to drops of blood it derives its name.

Bloodstone was greatly prized in the Middle Ages and was used in sculptures representing flagellation and martyrdom; it later became of small importance. Legend tells us that it was found at the base of Christ's cross. Notable occurrences include the Kathiawar Peninsula, India. Its physical properties are those of quartz.

The word heliotrope is derived from the Greek helios, "sun," and tripe, "turning," and refers to translucent bloodstone's red appearance when it is immersed in sunlit water. Along with aquamarine, bloodstone is the birthstone for March.

- via Worldbook Encyclopedia
Volume 2, 1982

* * * * *

Editors' Corner! About seventy percent of the AFMS clubs do have bulletins. Whether one page or one hundred pages, the purpose of the bulletin is to promote the interests of the club, to share knowledge and information. This covers a lot of territory, from meeting minutes and coming events to committee reports, from educational and instructional features to items about individual members. the Bulletin is a continuing history of the club and its members.

It is the job of the Editor to present this material so the members will want to read it, and learn from it. the Editor, therefore, can have a tremendous influence upon the club, as well as being responsible for the image of that club as it is seen by others who may read the bulletin. It's a big job!

Question of the month, to Exchange Editors: What do YOU do with the Exchange Bulletins after you have read and copied them?

- via AFMS Newsletter, Feb, 1984

P.S. I turn them over the Editor; and then they are taken to club meetings for any member who wishes, to take home and read them. They receive excellent use.

- submitted by Vera Lyman,
Assistant Editor

SHOW NEWS:

1984 SHOW PROGRAMS

Saturday, MARCH 31 -

- 11:00 A.M. Playground Paleontology
by Sue Kirby - Saratoga School
- 2:00 P.M. "OPALS"
by Nr. Don Johannes
- 4:00 P.M. Trip to Egypt
by Prof. Lloyd Tanner - University of NE
- 7:00 P.M. 3-D Slide Presentation - Minerals
by Prof. Walter Erbach - University of NE

Sunday, APRIL 1 -

- 11:00 A.M. Fossil Rhinos and Volcanic Ash
by Dr. Michael Voorhees - University of NE
- 2:00 P.M. The Ogallala Formation
by Janet Wright
- 3:30 P.M. 3-D Slide Presentation - Minerals
by Prof. Walter Erbach - University of NE



Many committee chairpersons will be requesting assistance.
Please LEND A HELPING HAND when called upon!

A special "THANKS" from the Show Committee.

A GREAT HOBBY

For a hobby, most of our Club find rockhounding, with all of its Gem and Mineral connections a first-ranking favorite. Its field of interest is unlimited; if properly pursued it is a healthful and restful activity, not overly expensive; it never is outdated, and may have income possibilities. It is highly educational, uplifting and fosters respect and appreciation for our environment. Any phase of it is terminable when necessary. It has other plaudits too.

Not everyone sees charm and beauty from similar viewpoint. Certainly that may be improved by training and experience. One person may perceive nothing worthwhile in a specimen of anything, while others may enjoy it immensely. "Beauty is in the eye of the beholder!"

Attitudes and perspectives are conditioned by many factors. Some may be inherited or induced through early experience, and training furnished by contemporaries; any of which may be inspirational, for better or for worse. Children's future outlooks are coupled with early experiences; hopefully all should be worthy. Potentialities may be unlocked by small incidents, and not always realized or understood at the time.

The field of interest in rockhounding is boundless. One should be able to enjoy the hobby on any travel near or far, though some places seem to be more endowed than others. Again, the beholder's eye may be the determinant factor in such experiences.

A real rockhound sees every gravel pit or earth strata formation as possibilities. Almost everything, everywhere may teem with interesting objects. (Such persons are seldom bored or lonely.)

Through the ages gemstones and minerals have been regarded with mixed emotions, beliefs and fancies. Only recently have sciences been developed with more truth and understanding. Yet we must admire the ancients, with their primitive equipment and experience, for their success in mining, processing and using some of the earth's gems and minerals, especially in cutting and polishing. We moderns are riding the crest of millenia of accumulated knowledge and techniques. Our remote ancestors were hampered by primordial methods, superstitions and fables.

Many beliefs were purely mythical. Certain gems were credited with occult powers and attributes, for which there was no real basis. We still have some of this in our birthstone lore. The ancients were puzzled by meteorites; terrified by what they thought came directly from heaven. Rings set with special stones were supposed to possess magical powers. King Solomon had one he believed gave him unlimited knowledge by gazing at it. (no wonder he had famous mines)

- continued

A GREAT HOBBY - continued

An amethyst neck pendant on a dog-hair cord was once believed to be an antidote for snake-bite. (no hip-pocket flasks of "O, be joyful" yet). Some stones were classed as male or female objects. Crystals were said to have come from nearby stars, and metals from other planets. Some stones "gave" great strength to their possessors. (real potent pet-rocks!)

Myth and superstition hindered progress in obtaining and using gems and minerals to improve peaceful life on earth. Unfortunately not all progress has been for peace.

We often use the words rockhound, gem and mineral, without fully understanding their meaning. One of my older dictionaries had not recognized the rockhound yet, but my 1980 edition reads, "a person whose hobby is hunting and collecting rocks, especially semi-precious stones." (we already knew that secret.)

The older book defines "Gem" as "a stone used in jewelry, fashioned to bring out its beauty." (old hat to us old-timers.) The newer one gives about the same, with drawings of 4 different cuts of gems, "A, marquise; B, emerald; C, round; D, pear-shaped." (old hat to faceters!)

Again, the older book defines "mineral" fairly well, but the newer one is more complete, as follows, "An inorganic substance occurring naturally in the earth and having a consistent and distinctive set of physical properties (e.g. a usually crystalline structure, hardness, color, etc.) and a composition that can be expressed by a chemical formula: sometimes applied to substances in the earth of organic origin, such as coal." (that about does it for everyone.)

Now that the three terms are defined we can pursue this greatest of hobbies on foot or by more modern means of locomotion. We may blister our hands excavating more gemstones and "leaverite" from the earth, sunburn the backs of our necks while scrounging the surface for more "junkite" to take home - but what a joy it is! (and sweet)

- Submitted by J. D. Young

* * * * *

A CREED

There is a destiny that makes us brothers;
None goes his way alone:
All that we send into the lives of others
Comes back into our own.

I care not what his temples or his creeds,
One thing holds firm and fast -
That into his fateful heap of days and deeds
The sould of man is cast.

Edwin Markham

ATTENTION JUNIORS!

There will be a meeting of the Junior members of the Lincoln Gem and Mineral Club in the same room that the regular meeting is held at 7:00 P.M. March 24th.

Be sure and bring your rocks and other materials to be displayed at the Club Show. (All pet rocks are included.)

We had a small attendance for the February meeting but the lack of size wasn't noticed because of the excitement over the rocks brought by Janet. We separated them into several groups and then tried to do some basic identification.

Hope to see more of the Juniors at our next meeting.

Ron

Thank You!

A special Thank You to Rev. and Mrs. Pfeiffer, Mr. & Mrs. J.D. Young for their donations to the Junior group; and also to the two gentlemen who donated a number of issues of the Lapidary Journal and excellent other rock publications. The Juniors and their leaders will certainly put them to good use.

Janet Wright, Ron McColery
and all the Juniors

* * * * *

Juniors, here are 5 terms it would be helpful to know the meaning of if you'd like to become a Rockhound!

Geology - the study of rocks

Paleontology - the study of fossils

Volcanoes and Seas - two places new rock comes from

Archeology - the study of people who lived long ago

Culture - a way of life

Juniors, did you know?

ROCKS HAVE SOMETHING FOR EVERYONE!

The anteater has no teeth so it swallows ants whole. Imbedded in the thick muscular walls of its stomach are tiny pebbles it has collected, which serve to grind up the hard bodies of the insects. Diamonds and gold nuggets have been found in the gizzards of chickens, used for the same purpose. The alligator swallows rocks for a different reason; to provide ballast to keep him on an even keel in the water. The sea otter uses rocks to crush shellfish on his chest while he floats serenely on his back.

- via Achates, 2/82 et. al

MARCH'S SEEK & FIND

"METALIC MINERALS"

ANSWERS:

Aluminum	Realgar
Anglesite	Silver
Argentite	Skutterudite
Arsenopyrite	Sphalerite
Azurite	Stibnite
Bouxite	Tantalite
Beryl	Tin
Bornite	Willemite
Carnotite	Zinc
Cassiterite	Zincite
Cerussite	
Chalcocite	C H A L C O P Y R I T E N O R I
Chalcopyrite	H U C O P P E R C E T I R Y P M
Chromite	A H P Q S V B O R N I T E G E R
Chromium	L E H R R E V L I S E T R C N A
Cinnabar	C M E X I E C D E T I B R Q I B
Cobaltite	O A M O L T E T I S S U R E C A
Columbite	C T A L E N E T E G R G M L C N
Copper	I I I V A A N L N Y U A I P O N
Corundum	T T D C D E G I T E G M O N L I
Covellite	E E N L G N L Z F N O F I I I C
Cuprite	Q I O R A O Q P A N E D N T T G
Dolomite	Z G A X A V N T I D N I C K E L
Franklinite	C S D K E T I T O H R R T P T F
Gold	O S K U T T E R U D I T E E I R
Hematite	B R T R E T I R E L L I M N R A
Iron	A E N A B S P H A L E R I T E N
Ilmenite	L A E N E O P Z W E N K B L T K
Kaolin	T L M I R H A F I T E Y A A I L
Kyanite	I G I T Y N E B L N X A U N S I
Lead	T A P E L I N C L O C N X D S N
Limonite	E R R E A L G A E E E I I I A I
Manganite	Z C O R U N D U M T T T T T C T
Magnesite	M U I M O R H C I I I E E E T E
Magnetite	U A Z U R I T E T N T M O N T E
Millerite	N S H E E L I T E A O E O C E D
Niccolite	I E T I N B I T S G N O L R M V
Nickel	M A G N E S I T E N R N I E H R
Orpiment	U E T I M O L O D A A I T A O C
Pentlandite	L E T I N E M L I M C T I L H N
Pyrite	A R S E N O P Y R I T E C D R Q
Pyrolusite	P Y R O L U S I T E M B I T E O
Pyrrhotite	R E B O T R E T O M D B U : P ,
	C O S C O L U M B I T E M I T E
	R A E T I L A T N A T M D X Q V

The Saga of Winter Texan Rockhounds

We were seated around the table at Lucy's Cafeteria, when Irl announced that I had been elected to report our activities to the Pick & Shovel. This was in Harlingen, where Everett Lapidary had just completed setting up for their annual Gem Show. One has to be a winter Texan to appreciate Lucy's. This is the gathering places for winter residents to file through the line in hords and pile their trays high with delicious attractive food. That's why most return home with a contented look. So, bear with me readers, as I tell our story.

Irl and Lois left Lincoln Dec. 26 and reside at Edinburg; Wittman and Ollie left mid January and live at McAllen. Lynn and I left the 1st of February and stayed wherever we hung our hat in the Valley. Carl and Gertrude Hartmann, most of you will remember him as former Lancaster Co. Clerk, now of North Platte; were staying at Mission. And who else should we see, but Florence Boring. She was visiting relatives. Texas is big, but not so big you won't bump into someone you know in the Valley in winter.

The winter freeze of Christmas did its damage in all of Texas. Palm, date, avacado and citrus trees had all lost their leaves and fruit. Huge cacti plants were limp and decaying. The only thing that seemed alive were Mexican peach trees which were just coming into bloom. It appeared fields of Aloe Vera might recover. The Extension Service was urging farmers not to remove trees, but wait until mid March to see if they would come back and then prune. The farm workers are suffering economically and receiving federal aid.

In the Valley I could very well have believed I was in a foreign country. Winter Texans speak English but the local folks nearly all spoke Spanish and many did not speak the English language. Many of the towns along the boarder were examples of object poverty and it was hard to realize they were the U.S.A. towns.

Irl enjoys playing the familiar Nebraska song wherever he travels. He also has a few bars of the fight song of every state in the nation and it was fun to see people, from these states, light up in a smile when their song was played as we passed them. The six of us would pile into Irl's van and enjoy doing things like visiting the leather factory in Pharr where Lois, Wittman and Lynn outfitted themselves with a new leather coat and jackets. At the onyx house it was hard to remember we would be going home and just couldn't buy everything we saw and liked. There were onyx edestal, vases, bowls, trays, glasses, cups, you name it and they had it. The shades and patterns of the onyx were so unusual and beautiful! This texan also collected Hudson cars and were on display at his museum!

- continued -

The Saga of Winter Texan Rockhounds - continued

Another time we all got into Irl's van and journeyed to Progresso, Mexico. The main street is 5 blocks long. We visited every shop and hole there - bought, haggled over prices and dined at a tree by neat restaurant. The food was good, atmosphere elegant, and the waiters were artists at pouring water into our glasses from a height of 18 inches up, never missing. On the way back we stopped at Wesloco where Lois and I were going to enter the Armadillo race, but when they turned out to be pigs we decided this would be too much speed involved for us to participate.

February 9th all of us attended the pot luck Nebraska picnic along with 767 other Nebraskans. The weather was warm and beautiful and on a couple occasions reached 90°. We enjoyed outings to South Padre Island. Lynn managed to get stuck twice in the sand in a matter of a couple of hours while there. Visited Gladys Porter Zoo at Brownville; caves at San Antonio and Carlsbad, N.M.; the Santa Ana Bird Sanctuary and Great Bend National Park. Hunted for red Rio agate along the Rio Grande, and plume agates on Woodward Ranch. Visited Museum at Sul Ross State University, Del Rio, Langtry and Lajitas. The latter two places also have interesting desert gardens. Learned that the Indians could survive off the desert plants and cactus. From these they made flour, jelly, tea, candy, remedies for stomach aches, kidney and bladder ailments, coughs, made soap, rope, baskets, and cut poles for building.

At Study Butte, met Lela Luett, formerly of Grand Island. The Luett's have lived here six years and love it. She sends greetings to members of the Grand Island rock club.

Our biggest concern was coming home when we were caught up in a sudden blizzard. We left Clovis, N.M. under cloudy skies and strong winds. We had only gone a distance of about 25 miles when we were forced to seek shelter in a motel room at Friend, TX! There was a pileup of 200 cars at Amarillo. At this point we wondered why we were returning to Lincoln. However, we're glad to be cack and the rest of the Winter Texans will be back in April.

- Marie Wells

* * * * *

LINCOLN'S MARBLE LEAKS - - -

Did you know that the Lincoln Memorial in Washington, D. C. is sprouting stalagmites and stalagtites in its basement/ This phenomenon is caused by water seeping through the marble. Though the memorial is only a little over 55 years old, the formations have grown several feet. When the memorial was built, engineers sank 122 steel cylinders to bedrock 50 feet underground. The base of the memorial is set high above ground on a rectangular platform, thus forming a cavernous space beneath the floor. This is where the stalagmites and stalagtites are growing.

- via Rockhound Tales, 10/82 et al

CLUB ROCK RACES

Club members wishing to participate in the Gran Premio Petrografica are instructed to bring their entries to the March general meeting. There will be a run off to determine the 4 semi-finalists at the meeting, immediately following the program. There will be trophies for the fastest junior and adult member entries. The four semi-finalists will race at 8:30 PM, on the evening of Saturday, March 31, at the show.

It is a not well known fact that racing rocks that have large cheering sections win the most races. Entrants are encouraged to furnish their own cheering sections of friends, relatives, and business acquaintances. These may be admitted to the show by paying the general admission fee.

In other world-wide rock racing news, Dutch authorities in Amsterdam have reported a rock-drugging scandal thought to have effected much of the Belgian racing slate. Belgian authorities in Bruxelles are mum on the subject.

Old Red, a world class piece of Devonian age Old Red Sandstone from the United Kingdom has announced his retirement after suffering serious injuries when leaving the course on the high chicane at Monte Carlo. Several ounces of Epoxy were required to treat Old Red's injuries. Old Red hopes to spend his retirement on a beach near any active eugeosyncline and may return to racing when he is metamorphosed.

In Nebraska, it is reported that a very young piece of Miocene calcisiltite (silcrete?) is tearing up the racing circuits through much of the state.

Precambrian age rocks still hold the worlds records in most classes. This is probably due to the number of Precambrian age rocks actively racing, as they make up over 90 percent of the total of exposed rocks on the surface.

All entrants are expected to have their rocks ready for the LG & MC runoffs at the March regular meeting. We are expecting over 50 entries, and they will run in double elimination heats of 16 rocks each, in match races, two at a time.

Gentlemen, start your rocks!

John C. Abel
Commissioner

FLASH!

FLASH!

FLASH!

Mudhen, Ohio (UPI). The board of governors of Klotzmeyer College has voted to discontinue intercollegiate competition in rock racing. Waldron Frammis, college president, said: "Athletics in rocks has been overemphasized. We should be searching for the world's smartest rock, not the fastest."

OPAL---Gem of the mont.

Bring opals to display. Mr. Don Johannes of Naperville, Illinois will be lecturing on opals at the meeting. His notes will serve as a source of reference. I will say no more and will let you learn from Mr. Johannes' expertise.

RKP

THE BIG SHOW

We will need to fill out work rosters for the upcoming show. We need help in the following departments.

1. Set up calls for the most workers. There are over 150 tables as well as many displays, demonstrations, ticket taking area, program area, etc that must be set up. If each member sets up one table, most of the work will be done. We need 30 people at the minimum on set up day. See Jim Null.
2. Ticket taking calls for 40 people to work in teams for two hour shifts. See Vera Lyman or Susie Taylor for your assignment.
3. Working shop needs people to demonstrate the use of the many different kinds of equipment. We can use up to 40 workers here. Rock polishers should see Mike Smith.
4. Refreshment committee needs cakes for Saturday Night and needs others to take care of coffee during set up day. See Linda Parks.
5. The show needs your displays. Some of the newer members do not yet have their own cases. Some of the old timers can furnish old Wichita cases to the new comers. Junior members will have their own display area. Some cases may be needed here too. See Janet Wright or Ron McCollery. Everyone is encouraged to bring at least one display. Let's not have a six-exhibitor show.
6. Rock Races. Starters, stewards, and finish line personnel as well as scorers are needed. The club runoffs will be at the meeting, so that we can all be available to help at the show. Race officials should contact the Hon. John Abel, Commissioner.
7. The show is a club effort. Help where you can. Thank you.

Roger Pabian,
Chairman

Midwest Federations NEWSLETTER

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MARCH 1984 - Issue No. 242



1984 MIDWEST FEDERATION SHOW FIELD TRIPS



A number of special field trips and tours are being planned in conjunction with the 1984 Midwest Federation Show/Convention in Milwaukee, July 5th through 8th. The expeditions will give rockhounds a chance to study and enjoy the scenic geology of the state of Wisconsin as well as add to their collections. Fossil collectors will be happy to know that two field trips are being arranged to quarries in the Milwaukee area where Silurian marine fossils have been found. The Silurian Dolomite formation contains numerous Trilobita Calymene celebra as well as cystoids, gastropods, cephalopods, brachiopods, corals and bryozoa.

A five-day central Wisconsin Geology Field Trip will give rockhounds a chance to view geologic formations covering over 3 billion years of time. Field trippers will also have the opportunity to add

to their collections of Wisconsin rocks and minerals. The trip will be conducted by the Midwest Federation Geology Committee.

Other field trips include a conducted auto tour to the Mayville effigy burial mounds and several self guided tours to other areas of interest to rockhounds. For information contact Show Chairman Lloyd Brown (414) 258-5761.

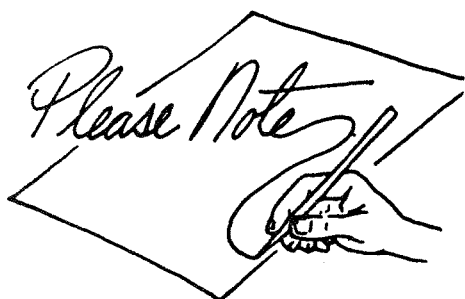
Margaret M. Pearson, Publicity Chairperson, MWF 1984 Show

UPDATE ON BULLETIN EDITOR CONTEST

Rita Hagerbaumer, Bulletin Editor Chairperson reports that there are 88 entries in Mini, Small, Large and Extra Large bulletins, New or First Time Editors, Special Publications and Original Junior and Adult Articles. The contest copies are now in the hands of the judges.

The Judges were drawn from the AFMS Judges Pool, and those accepting for the MWF Judging were Jud and Vera Milburn, 2224 W. 5th, Stillwater, OK 74074; Mrs. Rosemarie Young, 1920 Torrid Ave., Modesto, CA 95351; Mrs. Norma O'Dell, P.O. Box 189, Playas, NM 88009; Mr. Stewart McKalip, 860 Chester Rd., Charles WV 25302; and Richard and Simonne Wood, 15 Kennington Dr., Warrington, FL 32507.

Now you editors can start saving copies for the next contest - Happy Editing and Let's Have More in '84!



Arthur Millard, Special Displays Committee Chairperson is in charge of the MWF Stamp Display and he has misplaced a request from a gentleman from Indiana to use this display for his club's show in the Spring.

To avoid not getting the display, any club that has requested it's use PLEASE contact Mr. Millard as soon as possible at 10298 W. Ford Ave., Zion, IL 60099

MWF EXECUTIVE SPRING MEETING will be March 24, 1984 in the Monogram Room, University of Notre Dame, South Bend, Indiana. Notices will be sent out.

EDUCATION THRU SHARING: The mailing for the 1984 EDUCATION THRU SHARING recognition program was made early in January. This year the rules have been simplified. There are also a number of changes from last year. Each club is allowed as many entries as they like and only certain club offices are considered for the extra 10 points. A copy of the judging sheet is included with the mailing. Please read the rules sheet very carefully. Let's honor our selfless club members for sharing our hobby with others!

MIDWEST FEDERATION FILM LIBRARY: The Midwest Federation Film Library is in desperate need of lapidary "How-To" slide programs. Needs include programs on faceting, silver-smith work, jewelry making, carving and other lapidary creative work. Programs teaching the most basic of approaches to creating lapidary art such as how to cut a slab, basic polishing, selecting the right slab for the right application, etc., would also be appreciated.

Margaret M. Pearson, Chairperson, Education/
Education Thru Sharing

JUNIORS: At the MWF Executive Meeting in Oshkosh, Wisconsin, in November Virginia Popp, Chairperson of the Junior Activities, gave this report. She stressed making meetings interesting. Virginia started showing books. Here are some of the books she had - **ROCKS** (a Junior Golden Guide, Golden Press; **LET'S READ ABOUT ROCKS**, Rand McNally; **DINOSAUR FUN BOOK**, by Wm. Johnson, Troubador Press, San Francisco; **DINOSAURS** (a pop-up book) Price, Stern, Sloan Publishers, Inc., Los Angeles; **A FIELD GUIDE IN COLOR TO MINERALS, ROCKS AND PRECIOUS STONES**, by Dr. Jaboslav Bauer, Cathay Books; **GEOLOGY MADE SIMPLE**, Made simple books, Doubleday and Company, Inc. Also, **FOSSIL DECK**, Terra Science Co., 7371 Maple Avenue, Maplewood, MO 63143 and **DINOSAURS AND PREHISTORIC ANIMALS**, flash cards, Edu-cards a division of Binney & Smith, Maker of Crayola Crayons, Epston, PA.

Making meetings interesting to the Juniors usually attracts adults who often become members. This method of using a simple approach will probably produce an interested person faster than a factual report full of information which does not really relate to something the person knows about.

Write to Virginia, 3244 Belle Plaines, Chicago, IL 60618, for help and information.

EARTH SCIENCE MUSEUM: An earth science museum at East Junior High, Wisconsin Rapids, Wisconsin, sponsored by the Heart of Wisconsin Gem and Mineral Society, is now open. More than three years in the making, the museum was set up through an agreement between the Society and the local school district. The museum is a source for learning more about the role of rocks and minerals in the natural order. It features a collection of more than 700 specimens donated principally by Society members. The specimens (strikingly diverse because of the broad spectrum of the earth sciences) are displayed in a series of exhibits - some permanent and others rotated.

The public opening of the museum coincided with the Heart of Wisconsin Gem & Mineral Society's 10th annual Gem & Mineral Fair in 1983.

Submitted by Mary Boland, Wisconsin State
Director

SLIDE PROGRAMS: Please make use of the MWF slide program. It is so easy to have an interesting or informative program for your club. They are free to all Midwest Clubs and all are 35mm slides. Send to C. Louise Stinnett, 29162 Aspen, Flat Rock, MI 48134. Maybe you would be interested in:

COLORADO ALABASTER by Michael and Phyllis Madlen, Cheyenne, WY. A geologic survey of Colorado alabaster, where it is found and the beauty in the finished art works made from it. Second place winner in the 1983 AFMS slide program competition.

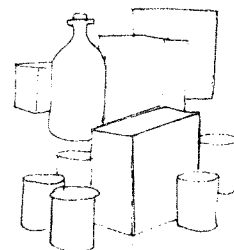
HOW INDIANS MADE STONE TOOLS by John A. Pawloski, New Milford, Connecticut. Third place winner in the 1983 AFMS slide competition. Good analysis in presenting what is known about prehistoric peoples and how they lived.

HUNTING AND COLLECTING FOSSILS from the American Museum of Natural History. This program was put together in the 1950s but the techniques have not changed. This is a good basic "how-to" mini program on fossil digging and preparation.

FOOD and WATER

R.V. SAFETY

Freeze-dried, canned and convenience foods save time, space and weight. Buy fresh foods in small quantities. Use only approved water for drinking and filling tanks. Carry water purifier for emergency use.



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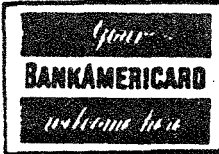
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Advertising by a rock-hobby business or interest is permitted with approval of the Board, at a rate now set at \$15.00 per full page per insertion, paid in advance. 1/2 page \$7.50, 1/3 page \$5.00 1/4 page \$3.75 (min). These ads will be placed throughout 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: General Meeting, Saturday, March 24th, 7:30 P.M.
at NE Center, 33rd & Holdrege
Junior Meeting at 7:00 P.M. preceeding General
Meeting

DON'T FORGET THE SHOW:
Saturday, MARCH 31, 9:00 A.M. to 9:00 P.M.
Sunday, APRIL 1, 9:00 A.M. to 5:00 P.M.

Friday, March 30, beginning 9:00 or 10:00 A.M.
Set-up day
All help will be greatly appreciated.

SEE YOU ALL AT THE SHOW!



h.e.l.p.

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