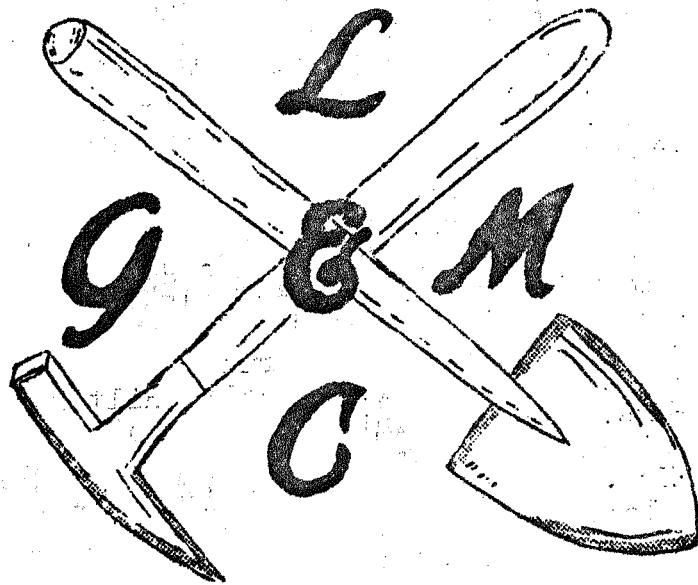


THE PICK & SHOVEL



MONTHLY BULLETIN OF THE
LINCOLN GEM AND MINERAL CLUB, INC.

LINCOLN, NEBRASKA

MAY 1969

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

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

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 Mrs. Hazel Bagg, Mrs. Marie Carveth
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Articles published in THE PICK & SHOVEL may be reprinted if credit is given and a copy of the publication is mailed to the editor. Annual subscription for THE PICK & SHOVEL (which is automatically included with full club membership) is \$2.00 per year.

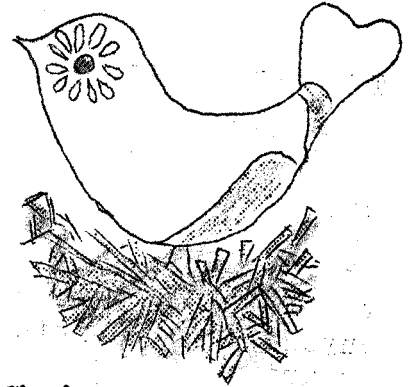
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AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES

C A L E N D A R

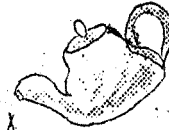
REGULAR MEETING...May 24, 7: 0 PM
WOW Bldg., 734 S. 27th

PROGRAM: Roger Pabian will present his
slide program "Through the Geo-
logical Time Column with Fossils."
This new program includes slides
which are new to members of LGMC.

- Florence Boring, Program Chairman



REFRESHMENTS: Helena Baegl, Gene and Jan Eno,
Harold Eno and Professor Foxwell



RECEPTION: May 25th from 2:00 to 4:00, at
Sheldon Art Gallery, in honor of
Dr. John G. Neihardt. Sponsored by LGMC

WELCOME
NEW
MEMBERS

Dr. Harold F. Krieger, 1811 F St., 68508
ph 432-7297

Deliliah Rankin, 1900 A St. 68502

Darlene Sprick, 7211 Morrill Ave. 68507

Wm. (Laverna) Hendrickson, 4018 S. 48th St.,
68506, ph 488-3869

ADDITION: Phone number for Robert Oliver 466-1308

CORRECTION: Christopher Engelhart - correct name "Chris"

(Please add the above new members, phone number and correction to
your WHO'S WHO to keep it current. nm)

SICK LIST: Mac McKinney is hospitalized at Bryan Hospital, Rm 343
Clyde Miller returned to Veterans Hospital, 3rd Floor N.
Harry Gragg is also at Veterans Hospital, Floor 1A
Ray Sincebaugh has returned home and is convalescing.

BLOOD DONORS: Still needed for replacement of that used for Mac
McKinney. Phone the Community Blood Bank, 620 N.
48th St., or contact Louise Baugher

COMING EVENTS:

- May 17-18 Picture City Gem & Mineral Soc. Show, City Auditorium,
Hot Springs, SD
- May 25 Honorary reception for Dr. John G. Neihardt, Poet
Laureate of Nebraska, Sheldon Art Gallery, Lincoln, NB
- May 25 Ainsworth Hobby Show, Cith Hall, Ainsworth, NB
- June 7-8 Grand Junction Gem & Mineral Club & Colorado State
Federation Show, Grand Junction, Colo.
- June 12-15 MWF Field Trip & Convention, Murdo, SD
- June 13-15 Wyoming State Gem & Mineral Show, Gillette, Wyo.
- June 19-22 American & Rocky Mtn. Fed. Combined conventions and
show, Salt Lake City, Utah
- June 27-29 Fort Collins Gem & Mineral Show, Ft. Collins, Co.
- July 12-13 Tri-State Gem & Mineral Society Show, Dubuque, IA

last month First vice-president, Louise Baugher, ably conducted the meeting as our president, Mac McKinney, was hospitalized at Bryan. It was reported that he was progressing and had received his first complete meal within a week. Louise stated that he had received 10 pints of blood and made the request that anyone able or interested in donating blood to help replace this amount should contact her or phone the Community Blood Bank, 620 N. 48th St.

There were 60 members present and 9 guests. The guests were Mrs. Hurst, Delillah Rankin, Darlene Sprick, Mrs. Stan Greenwade, Dick Vaughn, Bob and David Hamil, Mr. Lewis Harris, Dr. Harold Krieger and Judy Bettenhausen.

Ralph reported that as of April 25 our total membership stands at 124 adult members and 21 Junior members.

An invitation has been extended to our membership by The Panhandle Rock & Gem Club to display at their show on May 10-11.

We were reminded that the dead-line for registration for the MWF Convention & Field Trip was May 10. Delegates from our Club to this event are Frances Tracy and Norma Miller.

Door prizes were the responsibility of Tod Ashmun and were won by Deborah Rupert, Mr. Lewis Harris, Harry Gragg, Tom Simmons, Helena Baegl and Norma Miller. (All prizes were 'egge' in some form).

Lillie Lewis reported those contributing cases to the Lincoln Hobby Show on Apr. 19-20 were Larry Rupert, Ralph and K. Ulrich, Frank and Tom Rule, Mac McKinney, Howard and Marie Taylor, and John and Lillie Lewis. A sign, made by Pappy Waddle, and flyers provided by Barbara Allen, advertising our coming show on Sept. 27-28 at Pershing Auditorium, were in place. Thanks to all who contributed to our club participation in this annual event.

Tom Simmons told of the success of our first field trip!! It was a beautiful day and everyone had success in one way or other.

Howard Taylor gave us a report on the demonstration of cutting and polishing stones by some members of our club for the patients at Veterans Hospital, and stated that a demonstration on the art of the silversmith will be given there in June.

Our interesting speaker for the evening was Mr. Lewis Harris of Harris Laboratories and Norden Laboratories, who spoke of "The World of Science in Modern Society." (Resumé in following pages)

Lovely table decorations accompanied the unique refreshments furnished by Eleanor Rupert and her able committee.

Thanks... to Glen Ulrich who so kindly helped me with cutting and assembling the Who's Who. The time and energy given were greatly appreciated. nm

OUR NEWEST HONORARY MEMBER....DR. JOHN G. NEIHARDT

It is indeed a rare privilege to include Dr. John G. Neihardt as an honorary member of the Lincoln Gem and Mineral Club, Inc.

A reception in his honor will be held at the Sheldon Art Gallery on the University of Nebraska campus, on Sunday, May 25, from 2:00 to 4:00 PM.

Dr. John G. Neihardt was born January 8, 1881, near Sharpsburg, Illinois. He has earned a Litt. D. at the University of Nebraska, an LL.D. at Creighton University and an Litt. D. at the University of Missouri. In 1921 the Nebraska Legislature made him the State Poet Laureate. More recently he was awarded the Governor's Centennial Award as Poet of the Century in 1967, and the University of Missouri's Thomas Jefferson Award. In 1968, the International Society of Poets Laureate named Dr. Neihardt the Prairie Poet of America.

Dr. Neihardt's works and honors are so extensive, perhaps the best way to present them is simply to list them for you as I have done in the following pages.

Governor Norbert Tiemann has declared the first Sunday in August as Neihardt Day to be observed state-wide.

Dr. Neihardt makes his home in Lincoln with Julius and Myrtle Young, at 5835 Vine Street.

Following the reception, Dr. Neihardt will read a few of his poems and will be available for autographing his books if you are interested in having one autographed. We are certainly not in the book business, however, all too often we have an opportunity of this kind available and no books. For this reason we have taken the liberty of having some of Dr. Neihardt's works available at our meeting on the 24th for your convenience. There will be none available the day of the reception.

My sincere thanks to the committee who has worked so diligently on the planning of this reception. This includes Eleanor Rupert, Hazel Bagg, Marie Carveth, Norma Miller and Barbara Allen.

-Louise Baugher, Committee Chairman

THE POET'S ADVICE

You wish to be a poet, Little Man?
More verses limping 'neath their big intent?
Well - one must be a poet if one can!
But do you know the way the others went?

Your rhymes? - Some nimbler footed have been worse.
What broken trumpet echoes from the van
Where march the cohorts of Immortal Verse!
Well - one must be a poet if one can.

- John G. Neihardt

LIST OF HONORS - JOHN G. NEIHARDT

- 1917 Litt. D., University of Nebraska, Lincoln, Nebraska
- 1919 Song of Three Friends - Poetry Society of America prize,
Best Volume of Verse
- 1920 Member, Sigma Tau Delta, diamond key (journalism)
- 1921 Appointed Poet Laureate of Nebraska by act of State Legislature
- 1922 Oil portrait by J. Laurie Wallace, Omaha City Library, Omaha NB
- 1922 Bust (plaster) by Mona Neihardt, Wayne State College Library,
Wayne, Nebraska. Placed in lobby of Neihardt Hall, Wayne
State College, 1929
- 1923 Neihardt Club erected and dedicated Hugh Glass monument at
the Forks of the Grand River, near Lemmon, South Dakota
- 1925 First civilian member of The Order of the Indian Wars of
the United States, Washington, D. C.
- 1925 Granite and bronze monument to Neihardt in city park, Wayne,
Nebraska, remembering "The Poet's Town."
- 1927 Song of the Indian Wars chosen one of 500 volumes of world
literature for the White House Library by a national committee
- 1928 LL.D., Creighton University, Omaha, Nebraska
- 1929 Neihardt Hall, Wayne State College, Wayne, Nebraska
- 1936 Awarded gold scroll medal of honor as Foremost Poet of the
Nation for The Song of the Messiah, by National Poetry
Center, Rockefeller Center, New York.
- 1936 Award for poetry by Friends of American writers Foundation,
Chicago, Illinois
- 1943 Member, National Institute of Arts and Letters, New York, NY
- 1944 A founder and life member, The Westerners (Chicago, Illinois)
- 1946 Litt. D., University of Missouri, Columbia, Missouri
- 1953 A Cycle of the West chosen one of 3,000 of the World's Best
Books from Homer to Hemingway (a span of 3,000 years)
- 1959 A Chancellor, Academy of American Poets, New York, 1959 to 1967
- 1959 Fellow, International Institute of Arts and Letters, Lindau,
Germany
- 1961 Bronze bust, by Mona Neihardt, placed in rotunda of Nebraska
State Capitol, Lincoln, Nebraska, by legislative act
- 1963 Fulbright Award, India
- 1965 Bronze bust by Cordier, Wayne State College, Wayne, Nebraska
- 1965 Highway marker near Bancroft, Nebraska
- 1966 Bronze bust, by Mona Neihardt, Fine Arts Building, Wayne
State College, Wayne, Nebraska
- 1967 Old study of John G. Neihardt restored as a memorial by
Neihardt Foundation, Bancroft, Nebraska
- 1967 World Herald Newspaper, Omaha, Nebraska - one of the top ten
persons making the most significant contribution to Nebraska
in the first one hundred years of statehood (by poll of
historians and history teachers)
- 1967 Governor's Award - Nebraska's Poet of the Century
- 1968 The Thomas Jefferson Award for 1968, University of Missouri,
Columbia, Missouri
- 1968 Bronze bust, by Mona Neihardt, dedicated, University of
Missouri Library, Columbia, Missouri.
- 1968 Citation and title, Prairie Poet Laureate of America, by the
United Poets Laureate International

(continued next page)

LIST OF HONORS - JOHN G. NEIHARDT (continued)

- 1968 Golden Laurel Wreath presented by President of the Republic of the Philippines, Ferdinand E. Marcos
 1968 Annual Statewide Neihardt Day (first Sunday in August), proclaimed by the Governor of the State of Nebraska

LIST OF WORKS - JOHN G. NEIHARDT

- 1900 THE DIVINE ENCHANTMENT
 1902 A BUNDLE OF MYRRH (5 copies printed on author's press)
 1907 A BUNDLE OF MYRRH
 1907 THE LONESOME TRAIL
 1909 MAN SONG
 1910 THE RIVER AND I (Rev. Edition 1927)
 1911 THE DAWN BUILDER
 1912 THE STRANGER AT THE GATE
 1913 THE DEATH OF AGRIPPINA
 1914 LIFE'S LURE
 1915 THE SONG OF HUGH GLASS (Rev. Edition for schools 1919)
 1916 THE QUEST (collected poems)
 1919 THE SONG OF THREE FRIENDS
 1920 THE SPLENDID WAYFARING
 1921 LAUREATE ADDRESS
 1921 TWO MOTHERS (drama)
 1925 THE SONG OF THE INDIAN WARS (annotated for schools 1928)
 1925 POETIC VALUES
 1926 COLLECTED POEMS
 1926 INDIAN TALES AND OTHERS
 1932 BLACK ELK SPEAKS
 Translations: 1953 German "Ich Rufe Mein Volk"
 1953 Flemish "Zwarte Eland Spreek"
 1963 Dutch "Zwarte Eland Spreekt"
 1968 Italian "Alce Nero parla"
 1935 THE SONG OF THE MESSIAH
 1941 THE SONG OF JED SMITH
 1949 A CYCLE OF THE WEST (In sequence, as originally intended)
 1951 WHEN THE TREE FLOWERED
 1953 (English) British Version, "Eagle Voice"
 1961 THE TWILIGHT OF THE SIOUX (TV course, University of Missouri, continuing)
 1965 LYRIC AND DRAMATIC POEMS
 1968 THE RIVER AND I (Reprint paper-back, by University of Nebraska Press)
 1968 AUTOBIOGRAPHY (in progress)

GOING TO THE AINSWORTH HOBBY SHOW? Pick up our show flyers from Barbara Allen to distribute for our club. One day show.

ABSOLUTE DEADLINE for material to be included in next month's P & S is June 5th!!! The Murdo trip is mighty close.

BARBARA ALLEN and children will leave May 31 for Washington, D. C. to attend the graduation of a nephew on June 4 from the U. S. Naval Academy. She reminds us....SHOW TIME will be here before you know it

TEMPUS FIDGETS PREPARE YOUR EXHIBITS

april field trip to Jewel, Kansas, and points west, was a most successful one. Judging by the way I feel right now with aching muscles, tired feet, and sunburned face, it was too much to put in one week-end, but by the time I rest up and admire the septarian, ammonite, and selenite crystals, we will be ready to plan another long trip. The next one however will be much shorter.

The trip to Jewel took considerable planning in advance involving many people. Vic Tullar, John DeBrey, and Ray Simpson got permission from property owners in Salina, Kansas and Denver, Colorado for our club to be on the properties hunting. A special thanks to Clyde and Helen Miller and Tom Simmons for their efforts in planning this field trip. You simply had to make the trip to be aware of the warmth and sincerity of these people.



The road commissioner checked the road prior to our arrival and had it in good shape. We understand he did not claim credit for the two inches of rain which fell the night before our arrival. The caravan went as far as possible in cars, then we reached one impossible mud hole or miniature swimming hole. Our host, Vic Tullar, wasn't stopped by this...he just loaded everyone, bag and baggage, in his pick-up truck and "ferried" us across the water and up to the hills of Kansas where we hunted. Mr. Tullar insisted he didn't want credit for the mud and rain, but he had asked for just such a beautiful day, warm and sunny, but cool enough to be comfortable.

The septarians were not as plentiful as he had remembered but as tired as we were after our long hike no one complained or wanted time to hike further. If prizes had been given for the beauties surely Lawrence Van Cleave and Norma Miller would have had them.

From Jewel, we went farther west and south for the ammonites and selenite crystals. The weight of the finds made on-the-spot highgrading a necessity.

After dinner everyone retired early. I was so tired I can't remember hitting the bed, but guess I did. Early Sunday morning the caravan left for a quarry just south of the Nebraska border in Kansas. Ray Simpson met us and took us to the old quarry to hunt. We certainly needed Mr. Tullar's ferrying service once again for there was another mud hole waiting for us. Most people parked on the road and walked in, but a few brave souls had to try it - with or without Mr. Tullar. Fossils were there and plentiful but hard to get out.

From here, some of the people went on to the Hastings Show, others were tired and called it a day at this point. The Hastings Show was certainly worth the extra effort. They had some excellent exhibits. "Rocks" from the sky concluded our first field trip as we drove part way home from Hastings in rain and hail.

- submitted by Louise Baugher

DEFINITION: A malocologist is a sea shell collector! mjc



CONGRATULATIONS...to Junior Member, Rick Kohn, who recently participated as a member of the winning chess team from Lincoln High School. The annual Nebraska Chess Tournament was held March 16 at the Nebraska Union and Lincoln High is now the proud owner of the title "State High School Chess Champions" in the rated division, and a trophy has been presented to the winning team.

On May 5th the City Chess Tournament was held at Southeast High and Rick was again on the Lincoln High team. The game ended in a draw but Lincoln High was 3 points up over the season, and are now Chess Team Champions for the City of Lincoln High Schools.

Rick is also entering the U. S. Open Chess Tournament, to be held in Lincoln at the Lincoln Hotel, in August. In this event one game will be played each night for 12 nights, and he will be competing with a possible 200 to 400 entrants. The first prize for the Masters Rating Division is \$1500 plus a trophy. A real incentive. Mrs. Baugher, who has followed Rick and his chess games throughout the year at Lincoln High feels certain he will be able to make us proud again in his division.

We congratulate you, Rick, on your achievements in this field, quite an accomplishment for a young fellow. And, we wish you the best of luck in the event coming up in August. We will be anxious to hear the results. (Happy Birthday too, May 20th).

- Checkmate

Members with displays at the Nebraska City Hobby Show were Tod Ashmun, Ralph Ulrich, Mac McKinney, Marie Wells, and John and Lillie Lewis. A ribbon inscribed "Excellent Exhibit Award" was the trophy given our club display. Many thanks to those who helped transport and exhibit material.

Chairman John B. Pate of the AFMS Uniform Rules Committee has announced the following rulings for 1969, and asks editors to print: I-69. Unless it is indicated that the name is incorrect, any mineralogical or petrographical name of a species or variety as listed in "Dana's Textbook of Mineralogy" by Ford (latest edition), the AFMS "Approved Reference List of Gem Names" or the AFMS "List of New and Discredited Mineral Names" is acceptable on lapidary labels.

II-69. Unless it is indicated that the name is incorrect (e.g. MORION), any name on the AFMS "Approved Reference List of Gem Names" is acceptable as THE name of the material for lapidary labels, as required in Rule C-1, para. 63 of the Uniform Rules. Thus GARNET, ONYX, EPIDOTE, etc. are all acceptable names. BRUNEAU JASPER is sufficient as the name of this material; it does NOT have to be labeled JASPER (BRUNEAU JASPER), etc.

III-69. AGATIZED WOOD is considered to be a recognized petrographical name, and is acceptable as the name of the material for lapidary labels, as required in Rule C-1, para. 63 of the Uniform Rules. (SUGGESTION: clip these rulings and insert in your Rules booklet for future reference.) nm

By the time this issue of the P & S reaches you Phyllis Parks will be enjoying a well-earned vacation in New Jersey and Washington DC. As Senior Judge she has just completed the first phase of the '69 MWF Bulletin Contest judging and shipped a total of 69 entries to the Junior Judges in Illinois for their consideration. (Here come 'da judge...) All of this work plus the final tabulation must be completed so the top 10 selections can be mailed to Dr. R. Pearl by May 27 when they will be judged for the AMF Bulletin Contest, awards to be announced at Salt Lake City in June. Our MWF top 10 awards will be made at the Editor's Breakfast in Murdo, SD on Thursday-June 12th.

(In lieu of an article from Phyllis on this project this month she suggests reprinting this lament, in part, from Tee Palmer, Editor of The Pick & Dop Stick.)

"DEADLINE!

or AN EDITOR'S CRISIS
or IT PAYS TO READ YOUR MIDWEST NEWSLETTER

At about 11 PM I was giving April's P & DS a last looking over, and planning to start typing it in the morning, when I read the notice for the 1969 Bulletin Contest. Serenely I read, unconscious of the catastrophe which was about to happen. Serenity vanished when I read, "All entries must be post-marked not later than April 1, 1969." April 1st!! April 1st??? Oh, no! It can't be!

Hearing my anguished moans, my son came running from the living room where he and his father were peacefully and contentedly watching some favorite program. My husband is used to hearing walls come tumbling down around me, but my son is too young to take things calmly.

Two hours later (after much discussion as to how the work would get done on time) I had made up, and unmade, my mind about a dozen times, but the final decision was to do it myself. So, with that thought in mind, I elected to go to bed and get some rest to be able to face all that typing in the limited time that remained. The family would just have to stuff cotton in their ears if the noise of the typewriter threatened to keep them awake the following night.

The decision cleared my mind. It came to me that there might be a typographical error. It was too late to call Phyllis Parks in Nebraska and what if she wasn't home tomorrow? I decided then to call Con Peterzen the first thing in the morning and ask him what was the big idea? Most bulletins are published later in the month anyway. The more I thought about it, the more it seemed reasonable that April 1 was an error.

Why did a later time run vaguely through my mind? What other source of information might there be? I thought of the Midwest Newsletter and hunted it up, and found there in glorious black and white, that Con Peterzen "advises you have until midnight April 15 to get your entry postmarked."

I made myself a cup of coffee and drank it slowly, luxuriantly savoring a bonus of fourteen big, fat days." (Oh, the trials of an editor/#\$%?!#@#&%#. nm)

FOSSILS OF SOUTH DAKOTA

BY Vern Brooks, Rapid City, SD

(Printed in part from the PSEUDOMORPH

Fossils are found in our State in concretions that have been formed in banks of shale of the Upper Cretaceous period. These concretions weather out of these banks and slides and are left in draws and dry creeks with some of them making their way down the Belle Fourche and Cheyenne Rivers.

At high water periods, these concretions wash down stream and pile up on bends where the water is not swift enough to carry them on. Near Wasta, South Dakota, there are such banks of shale that we are looking for and one can find them by following the Cheyenne River, which runs very close to the town. The railroad cuts near Wasta also have concretions weathering from them.

At times, you will find shale miles from the river. In this instance you will find banks or hills where concretions have weathered out many years ago. This is a much slower process and the concretions having been exposed longer, due to freezing and thawing, are more easily separated. In most instances a rock hammer is all that is necessary to break them apart. The chances of getting your specimen out of the concretion whole are greater here than in the more dense matrix. These are generally not as fresh looking however as those from the newly weathered matrix. The newly exposed concretions will be extremely hard and the fossils from these will be more difficult to obtain in good condition.

Many times you will come across scraps of concretions where a rockhound has worked over a large chunk...don't pass these up! If the pieces are as large as a fist, work them over a bit more.

In the badlands, one hunting area is known as "Sagecreek"...but the best advice on where to hunt is finding these huge shale banks and following the creek or river until it makes a bend. Check these bends where they might have piled up. Near Wasta the shale banks cover quite a few miles, and if you are coming from the East, headed West on Interstate 90 towards Rapid City, you will see these banks 3 to 4 miles before you get to Wasta.

These concretions look like huge balls. Some of them are so round that they roll quite easily. The color of the balls ranges from a sort of light grey to a dirty brownish grey. By watching the banks of shale which are very nearly black in color, one can quite easily see these concretions sticking out in places in the banks.

Many times the experienced fossil hunter can get an idea from the appearance of the outside of a concretion as to the contents. In some instances you may see imprints of fossils and even partials exposed on the surface. This is a clue to what we refer to as a "loaded ball". Don't be disappointed if your "ball" shows no fossil sign...it may contain the prize!

(continued next page)

FOSSILS OF
SOUTH DAKOTA
(continued)

MWF '69

There are many opinions on the formation of these concretions. My theory could be wrong, but here it is...

Looking back through the eons of time, I see this land covered with a huge sea of fresh water...much larger than our largest lakes of today. As the marine life of these lakes died, the bodies formed a gas...this gas would raise the empty shells to the surface of the water, and wave action would wash them ashore, much like the beaches of the ocean today. There they would lay by the millions, some of them being pushed as far inland as half a mile or more, due to storms. The soil where a lot of these shells came to rest was a shale-clay mixture, much as we see it today.

With some of these shells being deposited in the course of a stream, at the bottom of a draw. These shells would roll in a heavy storm in the water, collecting silt and mud, as they travelled downstream, being deposited in mud balls and exposed to the elements to dry and harden.

When the seas dried up, those shells that were not rolled into the mud balls, gradually disintegrated. Those that were rolled into the "mud balls" were preserved as they appeared fifty million years ago. We find them in some places and not in others because they were not washed up on clay-shale beaches, but upon sand rock and other types of beaches or soil that did not have the "sticky" quality necessary to form the concretions. I have seen small balls of mud and shale that have washed down through the streams, in storms and high water. Maybe tomorrow (50 million years from now) these may be the concretions of tomorrow.

For collecting fossils in this area, several tools are required, other than the usual 12 ounce rock hammer. Trying to use a hammer of this type to break one of these huge concretions is like a bird trying to eat a bushel of grain, if he lives long enough, and is hungry enough...he may well get to the bottom of it!

I would suggest you carry some or most of the following tools; a four pound hammer to crack open the concretions. If two or more are going together I would suggest a larger hammer, even up to 8-12 pounds, as the concretions are flint-hard and these extra heavy hammers are necessary to open them more quickly. A chisel is also very handy. When you have your concretion open, and before your eyes is a very beautiful specimen, you know that if you try with the hammer to remove it that it might break. By using the chisel, the odds are greater that you will be able to remove it with less damage.

Two other pieces of equipment that are a must for these trips are a pair of sturdy gloves and a pair of safety goggles. A first aid kit should also be carried as these chips can be sharp.

A pry bar of some sort is always useful and a small shovel is

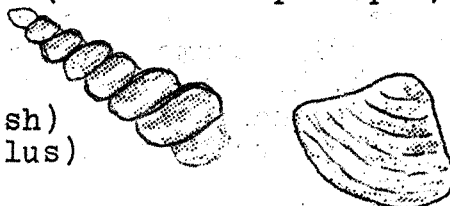
(continued next page)

FOSSILS OF SD (continued)

helpful too, as there are times when you will come across these concretions that are two-thirds covered in the shale banks. You will also have to have a bag in which to carry your specimens. Plenty of paper should always be available for specimen wrapping - it doesn't weigh much, and can save throwing away the badly bruised specimens you worked so hard for.

TYPES OF FOSSILS MOST COMMONLY FOUND: In any one concretion you can find one of several types of fossils, or find all seven, as I have done several times. I shall list the seven most commonly found:

- SCAPHITE Quadriangularis Nodosus Meek (a curled cephalopod)
- LUCINA Occidentalis (small clam)
- TURRITELLA Mortonii Conrad
- MARGARITELLA Flexistriata
- BACULITE Compressus Say (baculite-fish)
- EUTREPHOCERAS Dekay (chambered nautilus)
- PLACENTICERAS (ammonite)



There are other fossils to be found in these concretions, and one must keep a sharp eye when looking for them.

For those who will need a more scientific explanation of the South Dakota concretions, here is a quote from Bulletin 13, South Dakota School of Mines, dated 1919.

"A concretion is a spherical-cylindrical, elliptical, or nodular body produced by the tendency of certain mineral constituents to orderly aggregate about a common center within an embedding rock mass. The discovery of the White River badlands several years ago of what are known as sand-calcite crystals has added much to our knowledge of concretionary development and has served well to indicate the local conditions with reference to these abundant and interesting forms. Concretions vary greatly in size, shape, composition, manner of distribution and method of growth. They are common in the great plains in prodigious numbers. They occur in many places and in various horizons and are all sizes up to several feet in diameter. Any horizon which contains the concretions at all is likely to contain many of them and often they coalesce horizontally and form continuous strata. More frequently they are separate and being harder than the surrounding material they often tend under the influence of erosion to become the caps of earth pillars. The material of which they are made is generally an argillaceous clay with Calcium Carbonate as a cementing material, but iron oxide is often times present in considerable quantity."

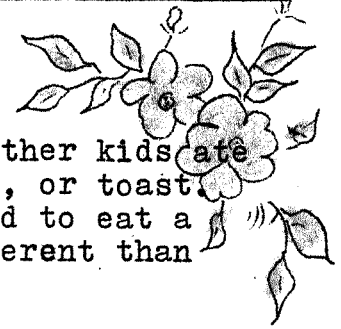
IDENTIFICATION

I've looked into books and I've memorized pictures
 I've even paid Roger a visit
 But when it's all said, I still scratch my head
 And sit there and wonder -- What is it?????

(adapted -nm)



THAT MEAN OLE MOTHER OF MINE



I had the meanest mother in the world. While other kids ate candy for breakfast, I had to have cereal, eggs, or toast. When others had Cokes and candy for lunch, I had to eat a sandwich. As you can guess, my supper was different than the other kids, also.

But at least, I wasn't alone in my sufferings. My sister and two brothers had the same mean mother I did.

My mother insisted upon knowing where we were, at all times. You'd think we were on a chain gang. She had to know who our friends were and what we were doing. She insisted if we said we'd be gone one hour or less-not one hour and one minute. I am nearly ashamed to admit it, but she actually struck us. Not once, but each time we did as we pleased. Can you imagine someone actually hitting a child just because he disobeyed? Now you can begin to see how mean she really was.

The worst is yet to come. We had to be in bed by 9 each night and up early the next morning. We could not sleep till noon like our friends. So while they slept - my mother actually had the nerve to break the child-labor law. She made us work. We had to wash dishes, make beds, learn to cook and all sorts of cruel things. I believe she laid awake at night thinking up mean things to do to us.

She always insisted upon our telling the whole truth and nothing but the truth if it killed us - and it nearly did.

By the time we were teen-agers she was much wiser and our life became even more unbearable. None of this tooting the horn of a car for us to come running. She embarrassed us to no end by making our dates and friends come to the door and get us. I forgot to mention while my friends were dating at the mature age of 12 and 13, my old-fashioned mother refused to let me date until age 15 and 16. Fifteen, that is, if you dated only to go to a school function. That was maybe twice a year.

My mother was a complete failure as a mother. None of us ever has been arrested for beating his mate. Each of my brothers served his time in the service of this country. Whom do we have to blame for the terrible way we turned out? You're right, our mean mother. Look at all the things we missed. We never got to march in a protest parade, nor to take part in a riot, burn draft cards, and a million and one things our friends did. She forced us to grow up into God-fearing, educated honest adults.

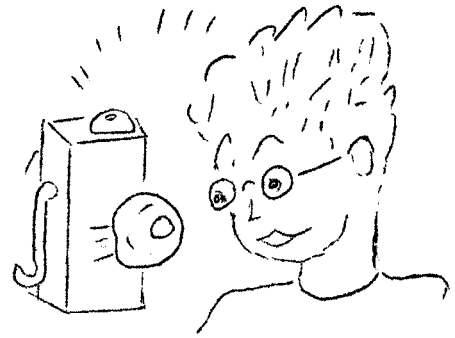
Using this as a background, I am trying to raise my three children. I stand a little taller and I am filled with pride when my children call me mean. Because you see, I thank God he gave me the meanest mother in the whole world.



(The above article was first published in the Rotomah, Wisc. News)
- contributed by Mac McKinney

DID YOU KNOW ? ? ?

Mr. & Mrs. Jim Parks and Linda are planning a real vacation to the east coast to visit Danny and Michael Crawford, namely in New Jersey and Washington, D. C. Phyllis and Jim will also see the new grandchild for the first time. Have a wonderful time!



I wish to make a correction - in the last issue of our paper I mentioned "Christopher" Engelhart - his correct name is "Chris". In mailing to him in the service please address him this way.

We are hoping by the time you read this that our president, Mr. McKinney, will have recovered his health and is back home again. We are all praying for you, Mac!

Ruth and Everett Weber, Judy, and a friend, spent a week-end at McCook, Nebraska, attending the Nebraska Barbed Wire Association Convention recently. This certainly is a fast growing hobby. The Webers son, Terry, should be coming home soon on leave from Fort Monmouth, NJ.

Dr. & Mrs. Lange had a grand time on their recent cruise to the Carribean, with the Shrine sponsored tour. The Lange's left Lincoln by air to Miami, Florida. There they boarded the M. S. Bohème. This is a German owned line. The ship carried approximately 600 passengers with a crew of 200. The motor ship is really a "floating hotel", the meals were fabulous and the guests could take their meals on board or go ashore as they wished, Mrs. Lange reports. One-hundred-twenty were in their group. Their first stop was Freeport, in the Bahamas. From there on to St. Thomas in the Virgin Islands. San Juan, Puerto Rico was next on the agenda, this is exactly 1000 miles southeast of Miami. Mammoth hotels and recreation halls line the shores here, and here too, a cable car trip was enjoyed by the Langes. This gave them a beautiful view of the harbors and the ships anchored there, as well as an overall view of the Islands; all very thrilling. "Shoving off" for the trip back home was also exciting, the activity, the busy harbor; the Langes enjoyed this as one of the highlights. A week to remember we are sure.

Howard Lange of Seattle, Wash., visited his parents recently. Howard will receive his Masters soon, being a student of the University of Washington. His degree will be in Far Eastern Languages with Chinese in particular. He hopes to enter the Diplomatic Service upon graduation.

Dr. & Mrs. Lange have been attending an X-ray Institute series every fourth week-end in Topeka, Kansas, since last October; the reason we haven't seen their friendly faces at our meetings on Saturday nights.

A nephew of Marie and Virgil Carveth, Virgil Clouse, Sp. 4 was a guest recently in their home. He returned from a tour of duty in Vietnam, and is on his way to Germany for 18 months.
(continued next page)

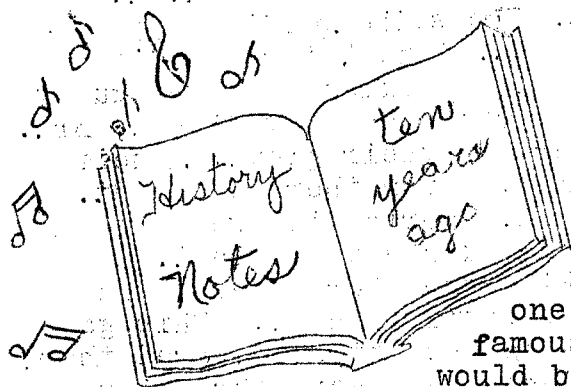
DID YOU KNOW ? (continued)

Our "Profile in Miniature" this time is none other than the wife of Ralph Ulrich, our present treasurer; Kay. Being a very busy lady and being involved in many things keeps Kay going. She is a native Nebraskan and the daughter of true Nebraska Pioneers. Kay and Ralph are the parents of a son, Fred, living in Canada, and a daughter, Lois Kay, living in Missouri. Since the grandchildren live out of the state, this keeps Kay busy writing and keeping in touch this way. Kay enjoyed a long visit with their son while he was teaching in Frankfurt, Germany. While there she enjoyed many side trips to the Scandanavian countries. Ralph and Kay visited the famous gem house - Idar-Obertein, West Germany.

Kay has served on many committees since coming into the LGMC and is currently the chairman of the Uniform Rules Committee. She is constantly pursuing more knowledge - I remember her classes in languages prior to their trip abroad. A Very interesting personality to know, Mrs. Kay Ulrich.

Frank and Ruth Krejci have been making the "Barbed Wire" collectors circuit, too, having been to St. Joseph, Mo., Greenwood, Iowa, McCook, Nebr., and LaCrosse, Kansas. Next on the program for them is a trip to Custer, South Dakota, and a visit to Ken and Martha Springs. Tell them 'hello' for us, please.

Until next time - Marie J. Carveth



The members and guests attending our May meeting had a real treat in store for them. It was at this meeting that John Lewis demonstrated his new invention of a cabochon machine. He gave a very convincing demonstration for the enjoyment of everyone. We did not know at that time how famous and popular John and his machine would become in the next ten years. His performances are always enjoyed wherever he appears.

Dick Hedges and John Lewis were congratulated on the ribbons they won at the Rocky Mountain Federation Show at Wichita.

Dr. Kunkel of Weeping Water gave an informative talk on Indian artifacts. He told of the arrangement of their houses and displayed part of his collection of arrow heads, points, drinking vases and cooking pots. Dr. Kunkel invited the club for a field trip to Weeping Water on July 19. It was decided to meet in the park for a picnic lunch before going to the field.

-- from the notebooks of Historian - Frances Tracy

Everett Weber reports that individual membership for the remainder of the year 1969, in the Nebraska Association of Earth Science Clubs, is \$1.25. Dues can be mailed to the treasurer, Zee Uridil, % Western Electric Co., Telephone Bldg., Chadron, Nebraska 69337.

ARTS IN OUR ENVIRONMENT....The Noisy Landscape

We of the LGMC are concerned about preserving the natural beauty of our rural areas. We realize that as the population increases the cities will also grow larger. Here too our environment should be pleasing to the eye.

The April meeting of the Community Arts Council was devoted to the study of the present situation in our city and to what action could be taken to improve the aesthetic quality of our streets and skyline. We were fortunate in having Mr. L. A. Enersen present his views on the subject. We also saw a film that dealt with this problem in other areas and offered possible solutions. Mr. Enersen has studied environmental significance thoroughly and is duly qualified to make suggestions for improvement. These thoughts are important to us in developing our planning for the future.

What is Art anyway? By definition; art is the science of arrangement. It may also serve as the conscience for the city planners through organizations such as the Community Arts Council.

As a resident of the city we can easily "tune out" the trash and ugliness around us which we see every day but the visitors who come to our city for the first time cannot do this. They will notice the garbled skyline, the confusing placement of signs, and the misplaced vegetation (weeds). People are beginning to revolt against this meaningless environment and display of junk in the cities.

We cannot expect the local governing bodies to correct this situation without help from the people. First we must voice our concern for the appearance of the city. In this way we develop an attitude of acceptance toward ordinances to regulate signs, street lights, and placement of utilities. Three suggestions for a program of work were offered by Mr. Enersen: that a Municipal Arts Commission be created by action of the city council, that we work toward a sign ordinance with enough strength to stop the cluttered appearance of our streets, and that we support someone to speak out on matters concerning the aesthetic quality of city property.

The idea of a Municipal Arts Commission is not new. Kansas City has such a commission and it has been successful in influencing the selection of street lights, the placement of approaches to the city and the regulation of signs. The sad part of unattractive improvements is that once they are made they remain without much chance to correct their undesirable features.

The Council passed a motion to prepare a resolution creating a Municipal Arts Commission and present it to the City Council. The support of all interested and concerned citizens will be needed in order to promote acceptance of this first step toward environmental improvement.

The Council also passed a motion that we recommend amendments to
(continued next page)

ARTS....THE NOISY LANDSCAPE (continued)

the city ordinances regulating the size and placement of signs.

These actions are just the beginning of a program that concerns each of us and I hope we can help it along by our support and by speaking up in favor of any improvement in our "noisy landscape."

- Ralph Ulrich, Representative to the Community Arts Council.

SCIENCE IN MODERN SOCIETY or A LOOK INTO THE FUTURE

Mr. Lever Harris, our speaker at the April meeting, had some "way-out" facts for us and we will try to cover some of them:

Knowledge is being doubled every 10 years and soon may be accelerated to every 5 years. Along with this knowledge our everyday lives will be greatly advanced.

Hexagonally-shaped homes of metal and plastics, with heating and cooling by means of a central plant that will serve an entire community, will be ours by 2000 AD. High-rise apartments are of the present but by 2000 apartments will be available under water.

We will select our clothing by TV and with personal statistics on record in computers within the various stores there will be no need to "go shopping", it will be done from the convenience of your home.

A vaccine will be developed for tooth decay and some forms of malignancies. Through cell culture new organs may be grown, thus eliminating the problem of rejection since the body will not reject its own tissue. A new kidney machine will be developed at a cost of approximately \$1700 with a low operating cost, to be used in patient's homes. It may be possible to lease such machines.

Laser beams will be used for telephone communication, 1 million calls an hour can be transmitted by this means. Automobiles will be powered by nuclear energy. Electronically controlled highways will eliminate driving problems, and laser beams will control the brakes. One can read his newspaper as he travels this highway.

By 2000, family farms will disappear and become corporate in nature. There will probably be no more than 15,000 farms in the U.S. Plant foods will no doubt replace animal foods to a large extent. Animals will be grown larger through growth hormones. Whale farms will be in order and food will be made of algae.

The above are some things that will happen! The following are some things that may happen: Communication will be made by thought waves with a projection over hundreds of miles. We will be able to understand the mechanism of thought and approach a good understanding of what 'thought is'. They may be able to create life; may be able to transfer knowledge from one individual to another; may be able to prohibit undesirable hereditary traits by gene treatment. Molecular biology will be great as far as medicine is concerned.

Exciting days are ahead as developments are happening fast!

-contributed by Evelyn Ulrich

Midwest Federation's NEWSLETTER

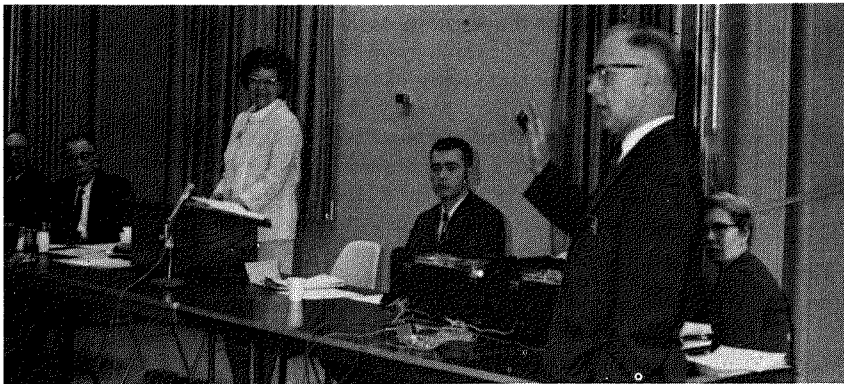


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Issue No. 95 - May 1969

Saturday, March 22nd

MIDWEST SPRING COUNCIL MEETING AT ELMHURST



Some general views of the Spring Council meeting. Top: Our President June Zeinter calls the meeting to order; Center: Leo Yanasak giving his report to the assembled members. Others in picture in background from left are, Russell MacFall, historian, B. G. Dahlberg, treasurer, Mrs. Zeitner, Howard Shanks, vice president and Jean Reynolds, secretary. Bottom: Going thru the buffet line at the Saturday evening dinner at the Lizzadro Museum. -MWF Newsletter Photos by Russ Kemp

Your Midwest Federation Executive Council held its spring meeting on Saturday, March 22nd in the Elmhurst College Recreation Center in Elmhurst, Illinois.

The all day session was called to order by our President June Zeitner who then called upon the various chairman, representing the special and permanent committees to give their reports to the assembled council members, or in their absence have them read by the secretary.

The various reports traced the progress of our Federation and the efforts being put forth by the chairman to promote the cause of the Federation for the benefit of all rockhounds.

A cafeteria lunch was enjoyed in the Elmhurst College dining room. An evening buffet was arranged at the Lizzadro Museum and was attended by nearly 100 persons who were given a tour of the Museum and a preview showing of a new color slide program to be donated by the Lizzadro Museum to the Midwest Federation slide library. The title of the new three-part program is "Cameos, Scottish Jewelry and Intarsias".

Complete minutes of the meeting will be mailed shortly to all of our member societies.

MWF Field Trip Convention
June 12-13-14-15

MIDWEST QUAKES

-by Elmer Rexin, Geology Assistant MWF

When Elmer was appointed to the Federation Executive Committee as an assistant to the Geology Division an earthquake was felt at Madison, Wisconsin at the first Executive meeting Elmer attended as a member of the Executive Committee. Then when he moved from Wisconsin to Arkansas this past winter, another earthquake greeted him. Clearly he is pursuing his new job in a professional manner! Elmer's hobby, seismology, has made him one of the few experts in the field in the whole nation. He has been recognized professionally and has his own seismograph with which he has made several important scientific observations. Elmer, an engineer by profession, is also interested in such aspects of the earth science hobby as fossils, and field trips.

In the year 1811-1812 a series of quakes occurred in the Midwest of the North American continent. These were the New Madrid, Missouri quakes in the south east section of Missouri along the Mississippi River. They caused fissuring, lurching, slumping and ground water emergence. Crustal blocks dropped in places as much as 15 feet, forming lakes like Reelfoot and St. Francis. Meisoseismal areas followed the Mississippi area, one arm up the Ohio River area and the other up the St. Francis River area and Crowley Ridge in Arkansas.

This all began on December 16, 1811 at 2:00 A.M. with a quake of magnitude 8 plus. Great waves on the Mississippi washed boats ashore. Islands disappeared and appeared where none were before. After shocks followed but diminished after December 17. On January 23 another severe shock with almost the same intensity occurred. Then nothing until February 17 when a stronger shock than the December 16 occurred.

In 1843 on January 4 a quake caused minor changes in the Madrid region. Buildings were damaged in the St. Louis area. On October 31 a shock caused similar effects in Charleston, Missouri. Chimneys fell in Cairo, Illinois. On November 4, 1903 a moderately strong quake was centered in St. Louis, Missouri. In June 1875 a quake downed chimneys in Urbana, Illinois and Sydney, Ohio. In Manhattan, Kansas on June 7, 1906 a strong quake was felt which toppled chimneys and monuments.

The only quake in the history of Chicago happened on May 26, 1909. It caused tall buildings to sway and chimneys fell in Aurora. On September 27, 1909 a quake was felt in Vincennes and Terre Haute, Indiana. On January 25, 1935 a quake occurred near Little Rock, Arkansas and on July 23 of that same year another was felt south of the New Madrid, Missouri area.

It is thought that the great quantities of sand deposited during the last Ice Age overburdened the limestone bedrock which then warped. Adjustment to the faulting of this crust caused the quakes.

The latest quakes in the Midwest were at southeastern Illinois on November 9, 1968 with a magnitude of 5.3. On January 1, 1969 a quake in Arkansas which was felt over most of Arkansas and southern Missouri and at Memphis, Tennessee. Two weeks later a smaller quake occurred approximately 70 miles south of St. Louis.

MEET YOUR EXECUTIVE COMMITTEE by June Zeitner, President

HOWARD KNIGHT
Long Range Planning Committee Chairman

Long Range Planning Committee Chairman Howard Knight is a past president of the Midwest Federation. The committee which he heads was established by Ellis Courter, our immediate past president. Charged with helping the work of the Federation move forward with efficiency and continuity, Howard and the past presidents who serve with him, Ellis, Russell Kemp, and Verne Montgomery, try to spot the weaknesses which could lead to trouble, to foresee problems, to plan future growth, and to activate procedures for strengthening our organization. Howard, a past executive of International Harvester, now lives with his wife Olive in Mountain Home, Arkansas. Knights collect minerals, fossils and artifacts and are also interested in geology, lapidary, photography, fishing and travel.

Howard is president of the Ozark Earth Science Club and was president of Earth Science Club of Northern Illinois when we had our convention there in 1958. He has also served us on the Auditing Committee, Nominating Committee, and By-Law Committee. He is an assistant State Vice President for the State of Missouri, which at present has charge of the states of Arkansas and Kansas. The Federation is indebted to Howard for his long service. Howard has the qualifications needed for the Long Range Planning Committee, and that important "plus" which made him accept this position although he already had plenty of the work of the hobby on his hands.

* * * * *

Here are some of the things your Long Range Planning Committee has recommended. The Executive Vice President take direct charge of the State Vice Presidents and their assistants in promoting and coordinating their activities for their clubs. Also they define the duties of the State V.P.'s and recommend an expense allowance for them. The Office of Director of Supplies and Information was recommended by the Long Range Committee. The new Archives Committee is another idea of this committee, as well as the plan of expanding the Executive Committee to include assistants for every chairman, thus speeding the work of the committees and drawing more people into the work of the Federation. An assistant secretary will soon be appointed, also at the suggestion of the Long Range Committee.

RUSSELL Mac FALL - Historian

Russell MacFall of Evanston, Illinois is the Historian of the Federation. You have read his thoughts about the future of our organization in an earlier Newsletter. Russ is doing an excellent job for all of us. Besides keeping our history up to date, gathering club histories, and acting as a member of our Board of Directors, Russ has found a home for our archives at the Field Museum in Chicago, certainly a great honor for us. Russ is also well known in the Federation for helping our official magazine Earth Science.

Russ was born in Indianapolis, is married and has 3 children. Recently retired from his position as night editor of the Chicago Tribune, Russ is now devoting more time to writing. He is already the author of 4 books with his Gem Hunter's Guide being especially well known in our field. Like many of us, Russ is interested in the whole hobby, he collects minerals and fossils and cuts gems. He has been a hobbyist since 1919. We are all grateful to Russ for what he is doing for the Federation.

IS IT GOODBYE TO OUR NATIONAL CAMPGROUNDS?

Hugh Derham, the Rocky Mountain Federation member of the AFMS Conservation and Public Relations Committee recently released an article about our National Campgrounds. Money problems of maintaining our Public Lands has been given as the reason that park services should be cut from 7 days a week to 5 days a week. Furthermore it is being suggested that our campgrounds be leased to concessioners who would operate them for a fee.

Our National campgrounds are paid for out of tax money. In addition we buy a \$7.00 Golden Eagle sticker to get into our National Parks. Is it fair that we pay commercial camping rates in addition, with most of the profit going to the concession operators? At this rate our campgrounds will cost us more to visit than regular fee basis of private campgrounds.

Mr. Derham points out that since this is not proposed legislation, but is still in the talking stage, we will not be in the position of lobbying if we make our voices felt and heard. A clear danger is that once something like this takes effect it is just a matter of time until we will have to pay to stop for a picnic in Yellowstone, or to park in the parking lot at Mount Rushmore.

Mr. Derham suggests that we write our Senators and Representatives and the Department of the Interior and tell them how we feel about our National Campgrounds. Thanks for the message, Hugh. There are lots of dedicated rockhound campers and trailerites in the Midwest Federation.

RE M I N D E R S

The response to Miriam Pierces Special Display information is coming in fast. Do you know of a Special Display you would like to see at a show near you? Write Miriam at 35449 Oakdale, Livonia, Michigan 48514.

Max Holiday reports that many clubs have chosen Safety Chairman. He hopes any Safety Chairman attending the Field Trip Convention will help the Federation Safety Committee. Send your Safety Chairman's name to Max Holliday, 1112 S. Prairie, Sioux Falls, South Dakota 57104.

And while you are doing that you might check to see if your club received, and answered, the Anti Litter appeal of Marie Beeler and Peter Rookus.

Program Chairman Mary Anderson is getting new program ideas all the time. Does your program chairman know about these program aids?

Public Relations Committee members, Schulze and Schulze and Roskam, wonder why so few clubs have public relations chairmen. Their plan is to help the hobby and the Federation by promoting better communication between ourselves and between us and the general public.

This sounds like a lot of REMINDERS, but all these programs are for you, the individual club, the life of the Federation. If you have any suggestions or questions or appeals for help, just write the proper chairman or officer.

MERIT AWARDS APPLICATIONS

If this May issue reaches you before the May 1 deadline, you are reminded that you Midwest Merit Award application was due by May 1.

- Gail Alexander, Education Chm.

C O N V E N T I O N N O T E S

There is no charge for children under six for registration for the Field Trip Convention.

Please send your registration blanks in now! Some Sunday trips are limited in number and it is important you state your preference soon. Accomodations, even camping space, are being booked rapidly. We need to know how many guides to get for Sunday, and how many tickets to print for special events. Registration blank is in your brochure book. If you do not have one, write Bob Wilson, Murdo, South Dakota or Jessie Lehr, Murdo, South Dakota 57559.

There will be camping space for campers and trailers which are self-contained at \$1.50 per night. The Murdo Lions Club is in charge of this special campground. There will be water at this campground and area will be lighted. Write now for reservation.

There will be a special trip limited to 30 on Sunday, June 15th led by Art Meissner of our Sioux Falls club. This will be east of the Missouri River for fossil fish. This will be Sunday Trip No. 23 if you wish to sign up for it. First ones to sign for it on their registration blanks will get to go.

Governor Frank Farrar of South Dakota is declaring an Official South Dakota Earth Science Week to honor the members of the Midwest Federation.

The Legend of the Sioux will be one of our special films at the Convention. We will also have films showing native South Dakota wildlife. The Sioux Falls based South Dakota Civil Air Patrol will be helping us and the National Grasslands Rangers are helping set up our big hunts. The Medical Unit of the National Guard will provide first aid facilities. Joe Foss, well known American sportsman and former Governor of South Dakota will M.C. the barbecue sponsored by the Murdo Lions Club.

THIS YEAR MAKE IT A "DOUBLE"

This year the rockhound has an opportunity to make it a "double" fun vacation by attending both the MWF Field Trip Convention in Murdo, South Dakota, June 12-13-14-15 and the American Federation Convention in Salt Lake City on June 19-20-21-22. Just a week apart and in the same general driving area it becomes an ideal arrangement for attending these two big events of 1969. And the scenery in the area is some of the most beautiful in the nation. Truly a rockhounds dream...!

UNIFORM RULES

-by Margaret Yanasak

I would like to remind all our clubs that the following rulings by the AFMS Uniform Rules Committee are in effect for competition under the AFMS Uniform Rules for 1969.

- I-69 Unless it is indicated that the name is incorrect, any mineralogical or petrographical name of a species or variety as listed in "Dana's Textbook of Mineralogy" by Ford (latest edition), the AFMS "Approved Reference List of Gem Names", or the AFMS "List of New and Discredited Mineral Names", is acceptable on lapidary labels.
- II-69 Unless it is indicated that the name is incorrect (e.g. MORION), any name on the AFMS "Approved Reference List of Gem Names" is acceptable as the name of the material for Lapidary labels, as required in Rule C-1, Paragraph 63, of the Uniform Rules. Thus, Garnet, Onyx, Epidote, etc., are all acceptable names. Bruneau Jasper is sufficient as the name of this material; it does NOT have to be labeled Jasper (Bruneau Jasper), etc.
- III-69 Agatized Wood is considered to be a recognized petrographical name, and is acceptable as the name of the material for lapidary labels, as required in Rule C-1, Paragraph 63, of the Uniform Rules.

Comment: I-69. Some of the supplemental publications of the Rules Committee use phrases which tend to confuse the priority of references given in the Uniform Rules. The liberal interpretations in the ruling should ensure exhibitors of uniform treatment in the judging of lapidary labels.

SCHOLARSHIP

Our Scholarship Chairman, Katharine Steinbrenner urges that we continue to save the Betty Crocker coupons for our Scholarship project. In the June Newsletter we will print the list of clubs that have reached the various positions, so be sure to get your coupons and money in as soon as possible so that your club may be listed in the June Newsletter.

CLUB DOINGS

LAKE COUNTY GEM AND MINERAL SOCIETY - Illinois. They will present their 4th Annual Wonderland of Gems and Minerals on May 16-18 in the Kennedy Memorial Hall in Waukegan, Illinois. School children are being invited to the show, they will be admitted free and be given a tumbled stone glued to a folding card which will show the Johnny Horizon Outdoor Pledge, his picture and the emblem of the U.S. Interior Department's Bureau of Land Management.

MICHIGAN MINERALOGICAL SOCIETY - of Michigan heard Dr. W. H. Parsons, head of the Geology Department at Wayne State University speak at their April meeting. Dr. Parsons attended the Geological Congress held in Prague, Czechoslovakia and was still there when the Russians invaded. They are planning their annual picnic on June 8th.

CENTRAL IOWA MINERAL SOCIETY of Des Moines, Iowa held their annual auction on April 4th. An amount of over \$150.00 was realized for the club's treasury.

THE HIAWATHA GEM AND MINERAL CLUB of Hiawatha, Kansas heard Tom Witty of the Kansas State Archeologist department. He showed slides of the work conducted at the Pawnee Indian location north of Courtland, Kansas in 1967 and 1968.

KETTLE-MORAINNE GEOLOGICAL SOCIETY of Waukesha, Wisconsin had the MWF slide program on "Gem Faceting, A Precise Art" at their March meeting.

RIVER VALLEY ROCKHOUNDS of Fort Dodge, Iowa recently had a program on Indian arrowheads presented by an Iowa State Conservation officer, George Tellier. The program also traced the Indian in early Iowa.

DON'T FORGET YOUR RESERVATIONS
FOR THE MWF FIELD TRIP CONVENTION

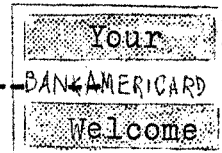
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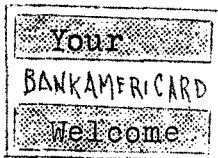
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