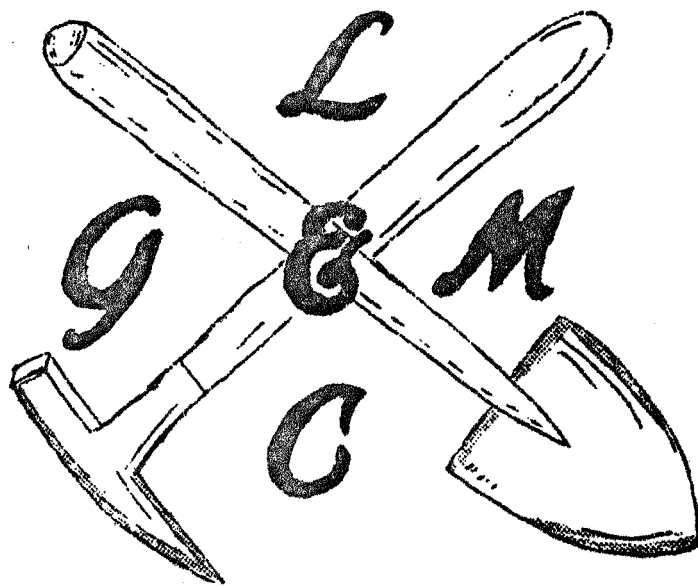


THE PICK & SHOVEL



MONTHLY BULLETIN OF THE

LINCOLN GEM AND MINERAL CLUB, INC.

LINCOLN, NEBRASKA

APR 1969

1969 LINCOLN GEM & MINERAL CLUB - SHOW

Board of Directors - G. W. McKinney, President

Show Chairman - Lloyd Lederer

Talent Chairman - Louise Baugher

Dealers - Louise Baugher

Special Exhibits - Ralph Ulrich

Special Exhibits - Lawrence (Larry) Rupert

Special Exhibits - Marie Carveth

Special Working Exhibits - George McGinnis

Special Programs - E'Lonna Gesch

Special Programs - Robert Fast

Publicity Chairman - Barbara Allen

Advance Ticket Sales - Gerry Kohn

Ribbons & Awards - Glenna McGinnis

Exchange Bulletins and

Inter Club Publicity - Norma Miller

Posters - Ray Waddle

Floor Chairman - Frank Rule

Black Room - Tod Ashman

Floor Assistant - Paul (Stan) Greenwade

Floor Assistant - Eugene Hilton

Floor Assistant - Marcella Hilton

Police - Bob Bainbridge

Decorating - Marie Carveth

Rock Swap - Rod Woodcock

Shop - Glen Ulrich

Wood Pile - George McGinnis

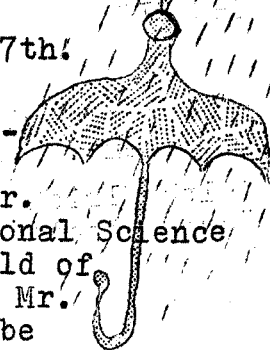
Wood Pile - G. W. McKinney

All Chairmen request that any one willing to help contact them for assignments.

ADDRESS ALL CORRESPONDENCE TO BOX 29356, LINCOLN, NEBRASKA - 68529

REGULAR MEETING...April 26, 7:30 PM, WOW BLDG., 734 S. 27th!

PROGRAM: Mr. Lewis Harris, president of Harris Laboratories here in Lincoln and of Norden Laboratories, also here in Lincoln but with outlets in thirty-two countries, will be the guest speaker. In honor of the Silver Anniversary of the National Science Teachers Association, he will speak of the world of science in modern society. Everyone who hears Mr. Harris looks forward to hearing him again, so be sure to come and bring your favorite guests.



- Florence Boring, Program Chairman

REFRESHMENTS: Louise and Lloyd Baugher, Hazel and Chester Bagg, Marie and Howard Taylor, and Florence Boring.

DOOR PRIZES: Tod Ashmun is responsible for furnishing the door prizes this month.

GUESTS LAST MONTH: Darlene Sprick, and Deliliah Rankin - (come again)

LINCOLN HOBBY SHOW: Those interested in displaying April 19-20 please call Lillie Lewis, she needs to know the amount of space needed, etc. ph 466-7289.

NEBRASKA CITY HOBBY SHOW: May 3-4...Again, call Lillie Lewis for details. She must know the number of cases. Let's make an honest effort and support our sister cities in their show productions.

FIELD TRIP:... Our first Field Trip will be of dual purpose...to attend the Hastings Show on Sunday, April 20, and to go rock collecting on Saturday, April 19. We will meet at Jewel, Kansas, City Park at 10:00 AM, Saturday, the 19th, and from there will go to look for concretions and fossils (ammonites). The Field Trip party will leave promptly at 10:00 AM. The way will be marked for late comers. Overnight camping will be available in the City Park at Jewel, Kansas. Sunday AM we go to a quarry 3 miles south of Superior, Nebraska. (Material here includes shark teeth). The way will be marked by the owner. For those not camping overnight accommodations may be found at Mankato, Kansas. Sunday PM let's see the show at Hastings. This is a full week-end. If you are not free for the complete week-end, join us when you can. Remember...to better the image of the rockhound, leave the areas cleaner than you found them.

-Lloyd Baugher, Field Trip Chrm.

COMING EVENTS:

- Apr. 18-20 - Central Nebr. Rock & Mineral Soc. Show, National Guard Armory, Hastings, NB
- Apr. 19-20 - Illowa Gem & Mineral Society Gem & Mineral Show, Community Center, Bettendorf, IA
- Apr. 19-20 - Sioux Empire Gem & Mineral Society Show, Masonic Temple, Sioux Falls, SD
- Apr. 19-20 - Lincoln Hobby & Sports Show, Fair Grounds, Lincoln, NB
- Apr. 25-27 - Wichita Gem & Mineral Society Show, Beechcrafters Activity Center, Wichita, Kansas
- April 27 - Storm Lake Area Rockhounds Show, Chatauqua Park, Storm Lake, IA

Flash !!! Clyde Miller is hospitalized at Vets Hospital, Rm. 308. Cards and visitors welcome. Hours 11:00 AM to 8:00 PM

last month....our refreshment committee again outdid themselves with appropriate decorations and delicious cookies in the St. Patrick's Day theme. Each month something different...what will April bring?

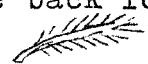
Ralph Ulrich was responsible for furnishing door prizes and again the "green theme" was carried out. Prizes were won by Lloyd Baugher, Chet Bagg, Gene Eno, Bob Bainbridge, Harry Gragg, and Kay Amen. Tom Simmons was the lucky one to walk off with the "Blarney Stone" contributed by the refreshment committee.

Roger Pabian announced that his book on fossils would be released about July 1 and that the number of illustrations was nearing the 300 mark. This book will be followed shortly by another book on gems and minerals of Nebraska. He informed us that a Bedrock Map of Nebraska was again available, and reminded everyone interested in his study groups to fill out the form in the March issue of your Pick & Shovel and mail it to him. The classes will begin shortly.

Kay Ulrich reported that the Uniform Rules Committee will take the names of anyone interested in competitive displays at our show in Sept. They will contact you at a later date regarding the study of competitive rules.

The program was ably presented by Barbara Allen - resumé follows next page.

AS EDITOR, last month I was requested to write about a problem at our meetings, and I presented a possible solution. This month, as editor I have the privilege of thanking you for the fine cooperation given. Your response was great and truly appreciated as many favorable comments were received from members who enjoyed the interesting program. Hopefully the ventilation situation will soon be worked out through our housing committee and the management of the building. So, "keep your cool" till refreshments again this month. You truly deserve a pat on the back for your restraint. It is appreciated very much.

- Norma Miller - 

Our president, Mac McKinney, would like to express his thanks to those who sent get-well cards...they were most appreciated.

We are proud of our representative whose article, as published in the March issue of the Pick & Shovel, was reprinted in its entirety and presented to the membership of the Community Arts Council as worthwhile reading. (good going, Ralph)

Tod Ashmun will represent our club in the presentation of some basic information about rocks and minerals to a Scout Troop on April 14.

THE COMMITTEE on rules and regulations concerning competitive exhibits met Saturday, March 22nd, in the club meeting room. They decided to work toward the following goals: 1. Study and interpret rules for competition. 2. Establish a nucleus for competitive exhibits. 3. Encourage competitive exhibits for our '69 show. 4. Have seminars to study and interpret the rules for those desiring to enter competitive exhibits.

Those wishing to enter competitive display in the '69 show please contact one of the committee members - Gene Eno, Adeline Nolde, Florence Boring, Frank Rule, or - Kay Ulrich, Chairman.

QUESTION...Do you see difficulties in every opportunity or opportunities in every difficulty?

TURKEY...LAND OF CONTRAST. To those of you who were absent at our March meeting we send our regrets, as Mrs. Barbara Allen presented a most interesting slide program. Her husband has just returned to Turkey for a three-month stay as instructor of short courses in the field of agriculture. They accumulated many pictures and artifacts during their nine-year stay (1956 through 1965) in that country, where Harold was active in Agricultural Extension work, and they were thus exposed to both the rural and urban aspects of Turkish life.

A land of great contrasts, Turkey covers an area about one-sixth the size of the U.S. Our journey started at the Bosphorus, the waterway that separates Europe and Asia, flowing south from the Black Sea to the Sea of Marmara. Istanbul, the city that bridges two continents, consists mainly of five sections. The original Chalcedon (from the Greek, where we get our word "chalcedony") was found in one of these sections. Seven layers of civilization are counted here - Greek, Roman, Byzantine, Ottoman, etc. Portions of the old Byzantine walls still stand which date from the third and fourth centuries. Castles are numerous; by projection we viewed the castle of Mahmed the Conqueror, who captured Constantinople from the Byzantines in 1453. Churches, too, are numerous - one built in the year 27 A.D. has been converted into a mosque. Its mosaics supposedly surpass in beauty those of St. Mark's in Venice. St. Sophia, originally built in 325 A.D., was the first great Christian Basilica. The dome, supported by half-domes, of the present building, which was completed in 538, was the architectural pattern for many of the great churches of Europe, as well as for the "Blue Mosque" nearby, whose lovely colored windows exemplify its name.

We traveled on down to the ruins of Troy, where there are nine layers of history, and saw the famed Trojan Gate. At the city of Bursa, well-known for the Turkish towels and Bursa steel used in knife-making, we saw the striking Green Mausoleum, so-called because it is lined with green mosaic tile, the coloring process of which has been lost through the ages. The Tomb of Osman I (the first Ottoman Sultan), made of inlaid wood, ivory and mother-of-pearl, is truly a beautiful monument built in his memory, topped with his turban and lighted by an impressive crystal chandelier.

We traveled along the Aegean Sea to Ephesus, walked the Marble Way past the Library of Celsus to the hill where St. Paul preached. We saw the statue of Artemis, whose crown is the Temple of Diana, one of the Seven Wonders of the World; then the prison where St. Paul, Barnabas and Stephen were imprisoned. At Seljuk (New Ephesus) we visited St. John's tomb, and the last home of the Virgin Mary.

On we went to Hieropolis (meaning "health city"), recently restored as a health spa. To preserve the beautiful formations built by calcium deposits, the water is redirected at various seasons to form new patterns and build the spectacular cliffs which the Turks call "Cotton Castle." We saw the statue of Medusa at Didyma - superstitious folk view her with mirrors, as legend decrees you will die if you look "the lady with the snake hair" straight in the eye!

Bodrum Harbor beckons us next, with its huge Crusaders' Castle built from the stones of the Tomb of King Mausolus - another ancient Wonder of the World which gave us our word "mausoleum." In this skin-diver's paradise at the junction of the Aegean and Mediterranean Seas, artifacts of 7,000 years ago can be retrieved from the watery depths - anchors, ships' scales, phoenician jugs, etc. Where the Taurus Moun-

(continued next page)

TURKEY...LAND OF CONTRAST (continued)

tains meet the Mediterranean, St. Paul began his second missionary journey at Antalya. We pass the Gate of St. Paul at Tarsus, his birthplace, and visit St. Peter's Grotto at Antakya (Biblical Syrian Antioch), where the term "Christian" was first used.

Leaving the sea we climb through the Silician gates in the Taurus to reach the Anatolian Plateau. We cross a Seljuk bridge of stone, the modified zig-zag pattern typifying a popular form of protection, as enemies were forced to slow their speed of pursuit. A camel caravan meets us!!! "Honey-cakes" are in abundance!! Village dancers gaily "trip the light fantastic", and noisy copper shops line the streets. On to Cappadocia, a barren territory of volcanic material where people hollowed rooms out of tall cone-like formations, thus providing homes and over 3,000 churches during the Christian persecutions.

We move on to Ankara where new Parliament buildings testify that the former agricultural village of 1922 is now the national capital of nearly one million. We see Justinian's Temple, where the famous "Roman Peace" was inscribed. The modern Tomb of Ataturk is also made of native marble, of which there are more than 80 varieties. Statues of lions greet us at many places as we journey to the Hittite capital, Hattusas. The Hittites were among the first to use iron, and politically and militarily were on equal terms with the Egyptian Pharaohs. We visit also Gordium, the home of fabled King Midas.

The many ruins, the rise and decline of civilizations, may be due to the fact that Turkey is subject to many earthquakes, as it is located on two main fault lines - the east-west which extends through Persia, and the north-south line that split Africa off of Asia.

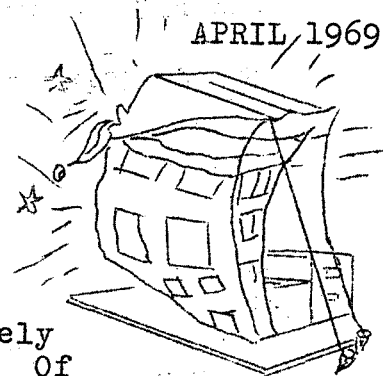
After traversing the glacially-formed mountains to the Black Sea and eastward, one of our last stops was at Mt. Ararat, where Noah's Ark supposedly came to rest after the Great Flood. Here we rest too, as we try to absorb all the history and beauty shared with us in this armchair travel.

Barbara does a tremendous job of presentation, and informs us she can show over 2,000 slides without duplication. We would enjoy another trip through this old, old country, and hope she will favor us with another program soon.

MORE COMING EVENTS: (continued from Calendar page)

- May 3-4 - All Iowa Rock Swap, Patee Park, Perry, Iowa
 - May 3-4 - Nebraska City Hobby Show, Nebraska City, NB
 - May 10-11 - Cedar Valley Rocks & Minerals Society Show, Armar Ballroom, Hot Springs, S. D.
 - May 17-18 - Picture City Gem & Mineral Soc. Show, City Auditorium, Hot Springs, SD
 - May 23-24 - Natrona County Rockhounds Club, Casper, Wyo.
 - May 24-25 - Central NB Rock & Mineral Rock Swap, Crystal Lake Recreation Grounds, Ayr, NB
 - June 12-15 - Midwest Federation Field Trip & Convention, Murdo, SD
 - Aug. 16-17 - Northwest Nebraska Rock Club Show, Crawford, NB
 - Aug. 30 - Sept. 1 - State Show hosted by Nebraska Gem & Mineral Club, Omaha, NB
 - Sept. 27-28 - Lincoln Gem & Mineral Club Show, Pershing Auditorium, Lincoln, NB
- ADDITION: June 7-8 - Siouxland Gem & Mineral Soc. Sioux City, NB
Competitive & Non-competitive Exhibits

PROGRESS! - GROWTH! - HOUSING!



The Lincoln Gem and Mineral Club passed it's 14th birthday in January and it's 10th birthday of incorporation in March. It has grown from a half dozen eager hobbyists to a membership of approximately 150 that are interested in some phase of the hobby. Of this total membership we usually find nearly half in attendance at each meeting plus several guests. The better our programs and plans are the more people in attendance. Naturally with the increased interest in all of the earth sciences around the entire country the more and better programs we are able to secure and the more people we will find at each event we host.

All this leads us to the ever pressing question - housing. At the present time some feel that our 27th & Randolph Street meeting hall is ample for our present needs - on the other hand many feel that it is too small, too confined, and that they cannot be comfortable at our meetings. This is not entirely a matter of space. Many members feel that our problem is largely one of poor ventilation.

Essentially the rock hobby is an outdoors experience or the individual lapidarist, mineral collector, fossil buff, or swapper in his own favorite haunts creating or learning about his own particular interests. In the outdoors or in the confines of one's own basement, garage, attic, or crony's rock room we need think only of ourselves or a friend or so. In the meeting hall each of us needs to think of nearly 75 persons who may for one reason or another find the atmosphere less than desirable but who are eager to discuss and hear of the interesting things which we can learn in a large group.

It is a matter of social record that most of us would resent having to sit next to a strong odor of garlic or perfume. There are also a number of persons who have an illness or an allergy and cannot be comfortable in our poorly-ventilated hall. Now the point is this - we must in some way provide that everyone can enjoy a mutual interest in the hobby.

We on the housing committee have made many calls and contacts in our search for a more suitable meeting place - keeping in mind the fact that we have about six to seven hundred cubic feet of club properties stored at the present site and some larger pieces at several other locations. We are attempting to follow up any and all leads which are given us and keeping a complete file for future reference. As an example we have checked with Lincoln Chamber of Commerce re meeting halls, City Library, University of Nebraska, Gateway, YWCA and Community Centers, various churches, several other known places mentioned by club members and have found nothing to recommend at this time.

Please bring any suggestions for investigation to the attention of the Board or the committee on housing and properties.

- Phyllis Parks, Housing & Properties Chairman

THOUGHT FOR THE DAY: He who sows courtesy reaps friendship, and he who plant kindness gathers love.

WE are going to have a ROCK SWAP. The time has been announced and we hope to name the place by meeting time.

With a little initiative our club can become as well known for our Swaps as we are for our Shows.

This is a club project therefore the call for help is out. What would you like to do? How can you best help? What are your ideas and suggestions? We need them before us if they are to receive any consideration. We also need you, each and everyone of you, if this is to be a successful venture.

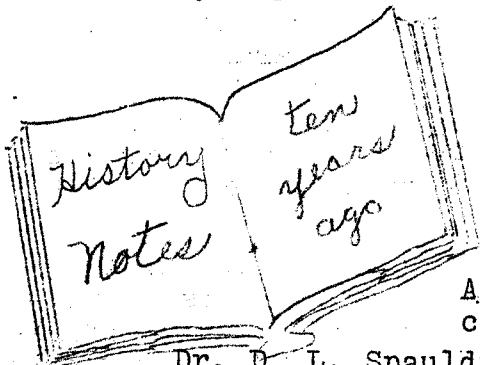
Let's all show our enthusiasm and make this a really good one.

- Larry Rupert, Rock Swap Chairman

EDUCATIONAL DISPLAYS AND LECTURES...In March three country schools consolidated to view a program presented by representatives from our club at the Yankee Hill School. Students of the 6th, 7th and 8th grades of these schools participated.

During the first week of April our representatives visited the 6th, 7th and 8th grades at St. Patrick's School three days with educational displays and lectures. On April 9 a program will be presented at the school west of Emerald.

In the past month Mac McKinney and George McGinnis have been instrumental in helping the Beatrice Club organize plans for their own show which they hope to develop successfully this year.



Thirty-four members and eighteen guests attended our April meeting at Morrill Hall. A copy of our Articles of Incorporation, as filed with the Secretary of State, was displayed. The club expressed appreciation to Helena Baegl for her work and many hours spent on the preparation of these Articles.

A "Thank you" was also extended for the first club directory that was sent to all members.

Dr. D. L. Spaulding of Omaha, importer of Burmese gems, spoke on his "Around the World Trip", and his experiences in Burma. He showed slides on mining operations and cutting techniques and displayed rough and polished gems from the Mogok area.

- from the notebook of Historian, Frances Tracy

ROCK SWAP!!! May 24 and 25. Crystal Lake, Ayr, Nebraska
FREE COFFEE...PRIZES

Buy - Swap...Auction, too. Donate and bid, bring specimen as your registration fee ...10:00 AM to 2:00 PM on Sunday.

POT LUCK DINNER...12:30 Sunday

Electricity...water...free air...fishing...fun...hiking

Camp will be open Friday evening for early birds.

Sponsored by Central Nebraska Rock & Mineral Society, Inc.

(Crystal Lake and Ayr, NB are 10 miles south of Hastings on Highway 281 and 34. Sounds like a great SWAP!)

TIMELY THOUGHT: This year you might try spending your vacation somewhere near your budget. (The National Observer)

LINCOLN SCIENCE TEACHERS BENEFIT FROM IN-SERVICE TRAINING

Titanotheres, Moropus, Merychius, Daemonelix - These would doubtless be just terms in the textbook for most of the science teachers of the Lincoln junior high schools except for the in-service training program provided by the Lincoln Public Schools during the past six years. Under the direction of their enthusiastic and dedicated curriculum coordinator, Dr. Dale Rathe, science teachers from Culler, Dawes, Everett, Irving, Millard Lefler, Pound, and Robin Mickle Junior High Schools have taken to the roads, fields, hills, streams, and air over the Memorial Day weekend whenever the calendar decreed that the holiday should fall on a Friday or a Monday, and thereby give them the necessary block of time. Briefings and tours to areas near Lincoln were conducted on earlier, shorter weekends. Expenses were paid partly by the school system and partly by the teachers themselves. Talent for directing the learning experiences came from the top authorities in their fields.

When the Lincoln Public Schools reorganized the junior high science curriculum to include Earth Science, probably the weakest areas of preparation among their science teachers were geology, including the study of fossils and minerals, and oceanography. They were comfortable with astronomy and meteorology, since these areas had been a major part of the science courses they were accustomed to teaching; but in the newer areas, many of them needed help. What better way than to get together under the expert guidance of people from the University of Nebraska, the U.S. Corps of Engineers, and the Nebraska Soil Conservation, and actually investigate these areas for themselves? And how else could learning be more fun?

This, then, has been the background of a series of learning experiences which have done much to enable me and my fellow science teachers to make science more meaningful to our students.

The first field trips led us to road-bed cuts and rock quarries in Eastern Nebraska under the direction of Dr. C. Bertrand Schultz, Director of the University of Nebraska Museum and Professor of Geology and Paleontology. We were amazed to observe how the layers of sedimentary material repeat themselves as the cycles of water and land repeated themselves here in the Midwest. We were taken to the outcroppings of the successive cycles of sedimentary deposits, where we actually measured the depths of the various layers and learned in which repetitive layers to look for horn corals, where to find the odd rice-grain-shaped fusulinids, and where the brachiopods and the crinoid stems would lie. And thus on shorter weekends began the invertebrate fossil collection for each school.

The excitement and wonder grew even more with the trip to study the geology of Western Nebraska and gather vertebrate fossils. The school system provided air transportation, taking half the teachers each year. Mr. Lloyd G. Tanner, Associate Curator of Vertebrate Paleontology for the University of Nebraska, conducted the tours and identified our finds. Two skulls--one from the ancestor of a deer and the other from the ancestor of a giant hog--turned out to be important enough that Mr. Tanner wanted them for the Museum, so he taught us how to prepare them in the necessary wet paper, burlap, and plaster of paris packing for shipment (at 5:00 o'clock a.m., yet!). The weird landscape of Toadstool Park, a suitable playground for giant leprechauns, instilled in us a sense of awe and a gratitude that the giant Titanotheres, whose fossilized bones

(continued next page)

TEACHERS IN-SERVICE TRAINING (continued)

we were carefully packing away to arouse the curiosity of our students back in Lincoln. ("But how do you know that's his heel-bone and that he's 28 million years old?")

The Agate Springs Fossil Quarries, recently declared a National Monument, gave the teachers some of their most interesting--and most frustrating--hunting. Imagine uncovering the perfect skeleton of a tiny deer-ancestor and having to cover it up again just as carefully because of the National Monument regulations!

The geological and paleontological history of the region was not all we learned. Headquartered as we were at Ft. Robinson, we were brought much closer to the history of our own West. As we stood beside the monument to Crazy Horse and listened to John Kurtz of the State Game Commission tell the pitiful story of the death of Crazy Horse, a portion of the shame and grief of man's perpetual inhumanity to man became forever ours.

Other Earth Science experiences have given us an understanding of the Salt-Wahoo Watershed project, both through briefings by Nebraska Soil Conservation personnel and through observing the Watershed and the Platte River areas from the air. The U. S. Corps of Engineers have explained their control measures on the Missouri River and have taken us by motor launch on the river to see these measures in operation. We have flown in little airplanes to the Lewis and Clark Reservoir and the hydro-electric plant, where the U. S. Corps of Engineers gave us a thorough briefing on the Missouri River projects for flood control, river navigation, and hydroelectric power. We have studied the Fort Randall and Merritt dams and reservoirs from the air as detours on our way to Valentine, Nebraska, where the Nebraska Soil Conservation personnel gave us some understanding of range practices and the conservation of native grasses on a large ranch there.

These activities have required a great amount of coordination and advance planning in order that the money and the time invested in them be translated in the classroom into improved learning opportunities for our science students. The fact that top people in their fields have given generously of their time and talents has been vital to the success of these in-service training ventures. As science teachers, we have learned much--but there is much more in this fascinating world we need and hope to learn.

--Florence Boring

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AND THEN SOME -- A retired business executive once was asked the secret of his success. He replied that it could be summed up in three words:

"And then some."

"I discovered early in my career," he said, "that most of the differences between average people and top people could be explained in three words.

The top people did what was expected of them - and then some.

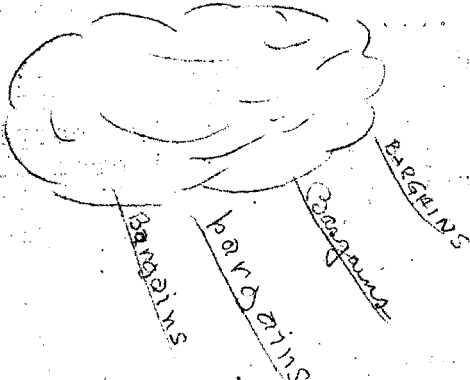
They were thoughtful of others, they were considerate - and then some.

They met their obligations and responsibilities fairly and squarely - and then some.

They were good friends to their friends - and then some.

They could be counted on in an emergency - and then some."

- submitted by MJC



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The mountings can be purchased separately if you choose to use your own special stones and jewels!

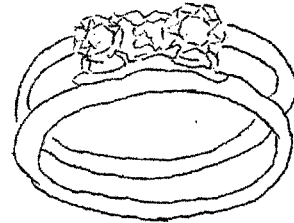
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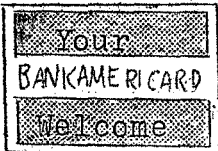
Also available are matching pins, earrings and bracelets.



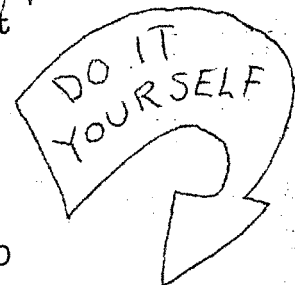
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DID YOU KNOW....



Kay and Earl Amen attended a lecture given by Dr. Bertrand Schultz on March 9. Not only was the program very enjoyable, but the Amens report some very fine compliments by Dr. Schultz to the Lincoln Gem & Mineral Club members in regards to the "Plezy Dig". The LGMC in turn says "Thank you" to the Dr. and it was a pleasure, and to say the least - most rewarding!

Mrs. Lloyd Baugher, her daughter, Mrs. Larry Pope, and young son Larry III are in Edgewater, Maryland, for the Easter holiday, visiting Mr. & Mrs. Joe Barker, Louise' parents. This is a fourth generation reunion and how wonderful it is.

Mr. James Rupert, members of his combo, and Larry Rupert spent a very exciting week-end recently. Flying to Los Angeles, California, for a week-end of recording with the "Dick Clark - American Bandstand" TV Show. The group was entertained royally, this included having lunch with "Paul Revere and The Raiders", visiting Disneyland, and of course, the Champayne Flight home! The combo will appear April 12, 1:30 PM, Channel 7, so let us all tune in and enjoy our own group from Lincoln, Nebraska!

We have much talent among our young people, many in our LGMC and the success of the Folk Festival recently given at East High School is proof of this.

Lance Corporal, Roger H. Clouse, a nephew of Marie & Virgil Carveth, is home on leave, the young Marine having served in Vietnam the past year. Roger received the Bronze Star, with the V for bravery, recently, in the action near Da Nong. He will return to the battle area after a 30 day leave. A young man to be proud of!

Christopher C. Engelhart has joined the service, namely the Army, he is the son of Norman and Dorothy Engelhart, and is stationed at Fort Lewis, Washington. His address and serial number follows:

Christopher C. Engelhart, R.A. 68105410
Co. B. Second BN. Second B.
U.S.A.T.C. Fourth Platoon
Fort Lewis, WA 98433

Let's all remember our boys who are in the service, the sons of our members should receive the "Pick & Shovel", as it brings news from home; as well as other mail.

Terry-Weber, at Fort Monmouth, NJ, appreciates his letters from all his friends, and expects a leave the 1st of May.

Leslie Miller, the son of Perry and Norma Miller, has won a Regents Alternate Scholarship to the University of Nebraska. How rewarding this must be for all.

Phyllis Parks' mother is feeling better now, and hopefully will continue to improve.

Maurice and Frances Tracy had her mother as an Easter week-end guest. Here is a courageous little lady!

Kay and Ralph Ulrich received a long distance telephone call Easter Sunday from their son Fred and his family, who are now living in Edmonton, Canada, in the province of Alberta. Fred has received another grant to study this summer. He is working for his Doctorate in Languages. Kay hopes to visit their daughter and her family soon, at Cape Girardeau,
(continued next page)

DID YOU KNOW...(continued)

Missouri; and since she is recuperating from a severe ankle sprain (which put Kay on crutches) a visit to Missouri would be enjoyable, we know.

Mrs. George McGinnis is our special honored one this time in our "Profiles in Miniature" series:

Glenna is the charming wife of our 2nd vice-president. Dunlap, Iowa, is her birthplace, but she came to Nebraska at an early age. She attended the Lincoln Public Schools, and is a graduate of the Havelock High School. This is when romance entered the picture, Glenna and George are school day sweethearts, they met in their senior year. This graduating class looks forward to reunions and other meetings - nice to keep in touch.

Glenna and George have two daughters, Sherry, who lives in Florida (they are regular Air Force people) stationed at Eglen Air Base. Debra, who is a 1968 Northeast High graduate, is careering in Lincoln. Glenna is serving this year as co-chairman of hospitality with Judy Weber. She has been the able assistant to George in displaying at our LGMC shows. Also she has served very ably at our Rock Swaps, of which George has been chairman several times. Collecting wooden figurines is a hobby of Glenna's; in their travels she is always watching for the unusual. One of her most prized in her collection is a gift from her little grandson; this has that sentimental value no money can buy. Glenna tells me many of the African pieces are of nutmeg wood, used for carving. We remember the china birds, etc. shown in the beautiful displays of petrified wood her husband George is the real authority on. In fact, we know him as the "Wood Man" - remember the petrified wood pile at our big show last fall? Debra, their daughter, collects shell figurines, and has a nice assortment of these.

A lovely person to know, and to have as a member in our organization, Mrs. George McGinnis.

A bouquet to Barbara Allen for a most interesting program; an "arm chair" trip to Turkey, and Barbara's commentary made it a very enjoyable evening at our last meeting.

A sincere welcome to our new members, we wish them much enjoyment in this fascinating hobby (and work for some) of ours. It has many facets to enjoy, only one or two problems will present themselves - number one - there is no known cure on recovery from the rock-hunting "bug" - and secondly - we all have the same complaint - not enough time to pursue the many interests this condition creates! Just enjoy! Enjoy!

Herbert Schamp of Kingman, Arizona, was among the guests Easter Sunday, at the Carveth home. Hearing first hand of the turquoise mines near Kingman, and their huge operations, copper mines, too, made us want to pack up and go. The report is lots of rains this spring will cause the desert to bloom in April and May even more than usual. Our former members, the Olsons and Bloyds should enjoy the beauty of all of this when their newly organized club takes their field trips.

Until next time -- Marie J. Carveth

FRIENDSHIP is really a little word - it's people like you who make it big!
mjc

LAPIDARY NEWS: John Lewis starts a 5 week lapidary class Mon. Apr. 21 at Recreation Center # 2. Call him for details. Last session 'till fall!

SCANNING THE NEWS...with Frank Marsh, dateline Jan. 15, '69, THE NEW YORK TIMES (in part). Deep in southwest New Mexico, a unique state park caters to the rock-hunters, allowing them to take samples from the park! Among the many specimens to be found are amethysts, opals, geodes and agates. The State Park and Recreation Commission developed the 250-acre park 12 miles southeast of Deming, NM, in the Little Florida Mountains, from land donated to the state by Deming Ranchettes, a land development corporation.

A television crew, working on a program series called "The Rockhound," visited New Mexico in Sept. and did some filming in the park and at other locations in New Mexico. The entire film is like a travelogue documentary, with rockhounding as the binding theme. The narrator, Bill Morey of Arizona, stated rockhounding had developed into a billion-dollar industry through investment in rock-cutting and polishing equipment, campers and other gear, with no end to the subject matter since there are so many fields of endeavor that could be tied to rockhounding. The series is being shot throughout the United States (per one of our exchange bulletins, their club is going on location for this film...some fun, eh?)

Frank also sent me a copy of the Senate Bill No. 107, Chapter No. 20, Montana Session Laws of 1969. An act naming the sapphire and the Montana Agate the official Montana State gem stones, effective July 1, '69.

...with Phyllis - LINCOLN STAR, dateline Mar. 15, '69. Haarlem, Netherlands (UPI). State geological sources report uranium has been discovered at a depth of nearly 400 feet on the Dutsch Island of Schouwen.

...via the Rockette, from Marshalltown, IA, by Domer L. Howard... U.S. PRECIOUS OPAL...reserved for rockhounds at present, at least. It occurs in nodules and/or seams at the contact zone of two huge strata of rhyolite and perlite that were up tilted near the top of a 7,000 foot peak of the continental divide when the Rocky Mountains were formed some one hundred million years ago. The exact spot is 30 minutes drive from Spencer, Idaho, (16 miles south into Idaho from the Montana State line. You park your car and, any day at 8:00 AM, ride a four wheel drive bus to the mine for 50¢ round trip. A permit to visit the mine will cost you \$10, paid in advance. The bus will bring you back to Spencer at 5:00 PM that day. There, at Opal Headquarters, your opal and matrix material will be weighed. You are entitled to keep as much as 5 pounds of it. If you have more than 5 pounds, you may either relinquish the surplus or pay for it at \$2 per pound. If you have less than 5 pounds, Mark will provide the amount needed from his stock. If you are dissatisfied with the results of your day's work Mark says that you may turn all of your opal material back to him and he will refund you \$10. For more information and reservations, write to: Opal Headquarters, Spencer, Idaho 93446. During the winter months and up until June 1, write to: Mark L. Stetler, Garden City Granite & Stone Co., 114 West Spruce St., Missoula, Montana, 59801. Or you may phone - Area Code 406-549-1520. (If vacationing in that area it would be worth the effort to inquire further. Good hunting...nm)

A lot of members are like WHEELBARROWS, not good unless pushed. Some are like KITES: if you don't keep them on a string, they fly away. Some are like KITTENS: they are contented when petted. Some are like FOOTBALLS: you can't tell which way they'll bounce next. Some are like BALLOONS: full of wind and ready to blow up. Some are like a good WATCH - open-faced, pure gold, quietly busy and full of good works. -via Marshalltown ROCKETTE & SHOW-ME NEWS LETTER.

COMMUNITY ARTS CENTER

The activities of the various art organizations is growing in Lincoln but they cannot grow much beyond the facilities available to them. Some of the present organizations are presently unable to expand their program unless new and better buildings are made available to them.

In other cities there have been instances where construction was too far ahead of the community's ability to support an expanded program. This also causes problems and must be avoided. Thus a careful study of the requirements of the various art organizations is very important. Such areas as adequacy, location, and timing must be carefully considered before a building program can be launched. This is what the Community Arts Council was concerned with during the March meeting, the requirements of the various art organizations.

The American Institute of Architects, the Civic Singfest Committee, and the Lincoln Musicians Association expressed a need for permanent office space. Also the Lincoln Musicians Association, the Junior Women's Club, and the Lincoln Gem and Mineral Club need a permanent meeting place for their regular meetings. Several of the organizations mentioned a need for storage space. The desperate need for a large concert hall was expressed by the Community Concern Association. This facility must have a complete stage and proper acoustical treatment. The Lincoln Symphony Orchestra Association would likewise welcome this new and adequate concert hall.

The Junior Women's Club has several functions which are curtailed because of lack of adequate space. For example, the Broadway Theater League, which is producing its plays at the Stuart Theater, could expand its subscription by 800 season tickets if a larger theater was available. The music auditions for high-school students should be held in a small concert hall rather than in a large high school auditorium. They could also improve their display of art from the schools in a larger hall.

The Lincoln Community Playhouse would be best served by a small theater with a seating capacity of no more than 400. The small theater is best suited for this organization because a feeling of intimacy is desired.

In summary the immediate need is for office space, a large concert hall, a large theater, and a small intimate theater. These facilities should include a meeting place and a workshop area.

In larger cities these separate buildings are located at various strategic points throughout the city. This is good when the desire is to emphasize certain areas of interest, however Lincoln is not yet large enough to have these in individual buildings scattered throughout the area. A central building or at least a central location would be much more appropriate.

The University of Nebraska has several good facilities for their Art activities but these are basically for the students and faculty. Outside organizations may use them only on a very limited basis. It would seem that a location near the University Art Center would be desirable for the new Community Arts Center. This location could be within an area extending from 11th Street to 17th Street and from "P" Street to "R" Street.

We should also bear in mind the ever-changing nature of the community in which we live. The Pershing Municipal Auditorium was a great stride

(continued next page)

COMMUNITY ARTS CENTER (continued)

forward and is still a valuable asset to the city, however in regards to our present discussion concerning the arts, it is of little value to most activities because it lacks the proper acoustical qualities. The use of that building could perhaps be expanded by adding the sound control components however further study is needed before the value of the recent experiment with an acoustical shell can be determined.

The City Recreation Department is also expanding its building program to include larger centers at the parks. These would include space for social dancing, classrooms and possibly a theater. We as members of the Lincoln Gem and Mineral Club should give considerable thought and support to the development of a Community Arts Center.

-- Ralph Ulrich, Rep. to the Community Arts Council

(With the Big Field Trip of the year coming in connection with the Midwest Federation Convention in South Dakota we print in part from an article by Vern Brooks of Rapid City.)

CRYSTALS FOUND IN SOUTH DAKOTA CONCRETIONS via The Pseudomorph

You are most likely to find four types of crystals in the concretions of South Dakota: golden Barite (Barium sulphate), yellow Calcite (Calcium carbonate), Selenite (hydrous calcium sulphate), Siderite (Iron protocarbonate.)

The most common is the yellow Calcite. These xls are bright yellow in color and belong to the rhombohedron group. The size varies from sugary little cubes in pockets to massive calcite that has filled cracks and holds no interest to the collector. Yellow Calcite, when forming crystals, will take over any hollow parts of these concretions and in some cases, form breathtaking specimens.

Removing these specimens is not easy, the crystals are rather soft and will scar and show white marks from bumping and scraping. I suggest you peel the top of the concretion off first, being careful to prevent pieces of it from falling down into the cavity. After you have peeled off the top, you can look down into the "pot of gold". If you are among the lucky ones, perhaps you will see a few beautiful deep dark brown crystals among the yellow Calcite crystals. These are the highly prized golden Barite crystals, and you have hit the "top of your luck". Barite crystals are a secondary growth in these cavities, having been formed after the yellow Calcite.

A bar is the tool required for removal of these crystals. They are extremely brittle, and break off easily with any hammering or pounding. If you are going to remove any of the sections whole or on the matrix, you must be extremely careful. Perhaps, after you have opened your concretion instead of Barite, you will see shining window glass Selenite crystals in and among the yellow Calcite. These make beautiful case specimens and must be removed in much the same way as the Barite. In this crystal combination you will see greenish or blackish colors below the yellow Calcite. This is the Siderite showing up through the Calcite.

Be sure to wrap these specimens well in newspaper, and do not pile them up...they are too fragile. (Happy hunting. nm)

SAFETY TIPS for the South Dakota Field Trip are mentioned in the MWF Newsletter enclosed in this issue of the Pick & Shovel. (take heed)

Members going to SD be sure to get your registration blank, included in the convention packet which you received, filled out and mailed soon!

BARITE....BaSO₄, Anhydrous Sulfate, from the Greek Barys, meaning "heavy" in reference to the high specific gravity.

Crystalization is ORTHORHOMBIC; common in large, fine crystals, usually thin to thick tabular. Also occurring as square tablets, and chisel-tipped prisms. Aggregates are common as rosettes or plates, with sand or earth inclusions forming the so-called "Desert roses." Also in concretions resembling stalagmite calcite.

Physical properties of Barite are: (1) very brittle, massive forms are fairly tough; (2) fracture uneven; (3) cleavage perfect and easily developed; (4) hardness 3 - 3.5; (5) streak white; (6) luster is vitreous to somewhat greasy; (7) transparent to translucent; (8) colorless, also pale blue, yellow, brown, greyish; (9) specific gravity 4.3 - 4.6.

The best clue to the identification of barite in the field is the unusually heavy weight in hand specimens and the pale color of the crystals. Tabular crystals are quite distinctive.

Barite is one of the major sulfate minerals. Owing to its weight, inertness, and stability, common Barite is employed in many industries.

Barite occurs in many sedimentary rocks as veins or lenses, or lining in cavities. It occurs rarely in basalt. It can be found in a great many localities; and fine crystalized specimens are common. Golden Barite crystals from South Dakota are known to every collector. "Barite roses" from Oklahoma and Texas are also well known to collectors. Colorado boasts of clear, blue, doubly terminated crystals of characteristic shape.

- Pat Rutkowski & Joyce Hanschu
via Mesab Media

PARABLE TO A PEBBLE POLISHER

Just about worn away - this is the way I felt about the time you found me, there on the beach among the other pebbles. But you picked me up, handled me carefully and gently, worked and polished, and yes, even burned your fingers several times.

Eventually there was a glimmer of hope that showed through and you worked even harder, even a little desperately and finally you were able to hold me in your hands and say, "This is mine over which I worked so long and hard, and it shines with happiness. I can hold it here in my hands so long as I wish and do with it as I please. It can be put away with my collection or used as an ornament. I can throw it away if I should tire, or I can keep it around to remind me that there wasn't much to start with, but if nothing more, it might serve as a reminder of fond memories and that a reason exists to explain why that particular pebble was selected from that beach of many more beautiful and more apt to become, perhaps, precious gems." But there is something a little different about this particular pebble, it beats and throbs as if alive only when you hold it in your hands.

- Anonymous (contributed by Frank Marsh)

SUGGESTION: Use a glass cutter on thin slabs of agate - it works well and saves time and trim saws! -via Rock Rollers

Simple BUTTON mountings: Flatten a bell cap. (#60) Cement it on the back of a cab or baroque. Works best if cemented on a flat surface.

WHEN DIAMONDS ARE MAN-MADE...It has long been a hope that man-made diamonds could equal all the qualities of the natural gems used for jewelry. So far, this has not been possible, although some very good imitations have been produced. Actual man-made diamonds were first developed over a decade ago. The present technique of producing them, says Morton Sarett, president of the Jewelry Industry Council, can develop stones that have the same chemical composition, refractory index, and hardness as a natural diamond. But the process is still not sufficiently refined to make diamonds large enough and with few enough imperfections to be cut and polished for jewelry.

As a result, most of the imitation diamonds presently on the market are artificial stones that, at least superficially, resemble real diamonds. Two of the most popular and expensive of these imitation diamonds are made from strontium titanate and rutile, and are sold under various trademark names. Strontium titanate is an oxygen, titanium and strontium compound that has no natural counterpart and was developed in the search for a more nearly colorless diamond imitation. Rutile was accidentally discovered during the search for a better whitener than lead oxide is for paints and other products. Both stones are made by a flame-fusion process that melts the chemicals, then solidifies them into a solid crystal (called a boule), from which the gem stones are cut and polished.

Many gem experts consider strontium titanate and rutile to be the most authentic-looking imitation diamonds available. The other popular imitation stones, says Robert Crowningshield of the Gemological Institute of America, simply do not look as authentic. Leaded glass and spinel, for instance, both lose their brilliance when soiled, while strontium titanate and rutile do not. These stones, however, are considerably more expensive than other imitations, primarily because they are hand-cut and placed in expensive settings, while the less expensive imitations are cut by machine. The price per carat for a synthetic rutile stone may range from \$10 to \$20, and the price per carat for strontium titanate from \$40 to \$50, as compared to the \$1,000 and higher per-carat price often paid for a high-quality diamond.

Of the two stones, strontium titanate is the more popular, principally because its brilliance and color most closely approximate that of a natural diamond. But most people who know diamonds can tell them apart, even without a magnifying glass, because titanate has significantly more fire than a natural diamond. It also weighs more. Rutile, in contrast, is duller and has a yellowish tinge. But it is a harder material than titanate, so it wears better.



Strontium titanate, in fact, is considerably more fragile than a diamond. Even synthetic spinel, which is less expensive, wears better than a titanate stone, says Dr. Kurt Nassau, a chemist at Bell Telephone Laboratories, who is a leading expert on synthetic and artificial gems. According to Dr. Nassau, if scraped or banged against concrete, a titanate stone is likely to chip or crack (a diamond, in contrast, would scar the concrete, because it is a harder substance). Rutile will stand up slightly better, says Dr. Nassau, but like strontium titanate, it has a high content of soft lead, so it, too, can be easily bruised. (Interesting, eh?)

---Good Housekeeping Magazine

Tip: To avoid cracking soft stones when dopping, use a past made of cornmeal and Wilhold glue. Allow 48 hours before working the stone.

-easy to soak off.

Midwest Federation's NEWSLETTER

Published monthly except July & August as a Service to Member Clubs.
Editor: Haydon Peterson, Route 5 - Box 229, Des Moines, Ia. 50317



Issue No. 94 - April 1969

MEMBERSHIP CHAIRMAN

Roy Meyenberg of Euclid, Ohio, has the big job of serving the Federation as Membership Chairman. Essential qualifications for this important service are organizational ability, promptness, willingness to write many letters and reports, and the ability and desire to be helpful. Roy will help new clubs organize, keep the Organizational Kit up to date and in stock at all times. He will see that the applications for new member clubs are correctly processed as quickly and efficiently as possible. He will answer all letters of inquiry pertaining to membership, and he will keep the president and secretary informed of the work of his committee. If you belong to a new club Roy is the one who sees that you get on the mailing list for the Federation and that the Supplies Chairman and the Newsletter Editor also know about your group.

A member of the Cleveland Geological Society and a new MWF club at Euclid, Roy lives on the shore of Lake Erie with his wife Caroline and daughter Diana. He is a mineral collector and active ---membership, please turn to continuation on page 2, column 1

MEET YOUR EXECUTIVE COMMITTEE
by June Zeitner, President

WHO'S A CONSERVATIONIST?

A reprint from Wisconsin Conservation Bulletin - supplied to us by Cal George, our Legislation and Conservation chairman.

Conservation, once suspect, now is respected and popular. It has become almost as sacred as home, country, God, mother. Virtually no one confesses to be anti-conservation.

The accompanying comments, from Pennsylvania Forests Magazine, help set the matter in perspective. The author is L. E. Stotz of the U.S. Forest Service.

* * *

The English language can be very subtle. One of the most mis-used and least understood words in it is "conservation," as applied to natural resources.

Aldo Leopold, naturalist and conservationist, defined conservation as a "state of harmony between man and land." A little girl once aptly said, "Conservation is what you eat, and what you wear, and where you live; and if you don't you won't."

There should be no such thing as a narrow-minded conservationist, although many narrow-minded people believe that they are conservation minded. No sportsman, whether fisher-

NOTICE TO ALL CLUB TREASURERS, PRESIDENTS AND MEMBERS

The Midwest Federation is your Federation! Help the work of your Federation proceed more efficiently by paying your club dues IMMEDIATELY. Bill Dahlberg, Midwest Federation Treasurer has paid our dues to the American Federation, which amounts to 10¢ per member. But he reports that half of the clubs in Illinois still have not paid their dues, a third of the clubs in Michigan have not paid, and this delinquency exists in most states, however all 16 of Minnesota's clubs have paid. Why can't you?

man or hunter, can call himself a conservationist unless he is willing to work to protect the watershed that feeds his fishing stream, and the habitat that furnishes food and cover for wildlife.

It's much easier to be a preservationist than a conservationist. Preservation of natural resources --- conservationist, turn to page 2, column 2

membership, from page 1

field tripper, and has served the Federation as the State Vice President for Ohio for several years. He has helped with judging at some of our competitive shows, and has been active in seminars and "Cracker Barrel" sessions. The Membership Committee is a permanent committee of the Federation which means that the appointment is for three years. Roy's wife will be one of his assistants and a new one will soon be appointed. All State Vice Presidents are also considered members of the membership committee.

* * * *

Safety Chairman - The Federation Safety Chairman is Max Holliday from Sioux Falls, South Dakota. He is an engineer for the Sioux Falls Fire Department and has taught Red Cross First Aid for 18 years. He is also a First Aid instructor for the Boy Scouts, the Police Department, the Fire Department and the Civil Air Patrol. His appointment to this Federation job is in keeping with our policy of finding highly qualified professional people for the Executive Committee, to better serve our clubs.

Max is past president of the Sioux Empire Gem and Mineral Society and is now on the Board of Directors. He represents the lapidary hobby on the Sioux Empire Arts Council. Max and his wife Gladys like fishing, hunting and camping, next to rock collecting and lapidary work.

Max asks that EACH CLUB APPOINT A SAFETY CHAIRMAN. Have your club Safety Chairman write to Max so your Chairman can directly receive the Federation Safety materials.

The new Federation Safety Chairman has sent us the following list of Safety Rules for the Field Convention in South Dakota. These apply to most of the western part of our region. A more complete list will be issued to all who register for the convention.

1. Do not drive on private land without securing permission.
2. Wear good leather shoes (preferably boots) with grip soles.
3. Wear loose rather than tight slacks and long sleeves and hats.
4. Never hunt alone.
5. Do not drive over cactus.
6. Be alert for washouts on trails.
7. Stay off dirt trails if rain is threatening.
8. Keep your gas tank full.
9. Carry extra water - just in case.
10. Be careful around range cattle, they could stampede.
11. Grass fires start easily and are disastrous. Never throw down a match until it is cold and broken in two. Never throw down a cigarette unless it has been completely extinguished in water or reduced to cold ashes, then ground into the dirt with your heel.
12. Never reach over a rock, ledge, or plant without looking first. Do not walk fast in any grassy area.
13. Never let your dog run loose in field trip areas.
14. If you think you are lost, stay with your car, or if not near the car stay out in an open and conspicuous place where a plane could spot you.

---meet your executive committee, continued page 3, col. 2

ADVANCED REGISTRATIONS

are necessary for the June Field Trip Convention. Those wishing to come should mail in the tear out sheet from the brochure at once!

MIDWEST FEDERATION FIELD TRIP CONVENTION
 JUNE 12-13-14-15
 Headquarters - - - - Murdo, South Dakota

SCHOLARSHIP SCOREBOARD

Our sincere appreciation and congratulations to the following Midwest clubs for their contributions to the Scholarship Foundation:

100%

Corn Palace Rock Club - South Dakota
 Central Michigan Lapidary and Mineral Society - Mich.
 Huron Hills Lapidary and Mineral Society - Michigan
 Sauk Trail Rock and Mineral Club - Indiana
 White River Gem Society - Indiana

200%

Indian Mounds Rock and Mineral Club - Michigan
 Lake Shore Mineral and Lapidary Society - Ohio
 Nebraska Mineral and Gem Club - Nebraska
 Richland Lithic and Lapidary Society - Ohio
 Three Rivers Gem and Mineral Society - Indiana

300%

Nebraska Mineral and Gem Club - Nebraska
 Wildcat Geological Society - Indiana

600%

West Suburban Lapidary Club - Illinois

700%

Michiana Rock and Gem Club - Indiana

As of today there are 104 clubs that are 100%. One club is over 1000%. One has reached 700%. Two clubs are 600%. Five of our clubs are 500%. We are very proud of our Midwest Federation - only about 50 clubs are non-participating in this project. If these clubs would realize that if each member contributed just 10¢ at each meeting (or 20 coupon points) they would be 100% in one years time for it only requires \$1.00 per member to attain this status.

We do appreciate every contribution. Keep up the good work. Every gift means more "Dollars for Scholars". Thank you. -Katharine Steinbrenner (Mrs. W. H.), 2813 Patricia Drive, Des Moines, Iowa 50322.

conservationist, from page 1

is a static concept; conservation is a dynamic one.

Multiple use is both the simplest and most complex of approaches to the conservation of natural resources. It means having an overall plan which assures the most effective use of a resource with a minimum of conflict with other use.

In all natural resource conservation there is an element of preservation woven in. The conservationist supports the principle of preserving rare species of birds and animals, but he would not condone letting an elk or deer herd over-populate its range. He would recognize the need for preserving wilderness areas, but he would not support the unlimited withdrawal of forest land for this purpose.

I think that I run across more preservationists than conservationists in my contacts with the public. Most preservationists are sincere in the belief that they are conservationists, when in reality they are not in sympathy with the principle of wise use if it conflicts with any of their cherished beliefs.

I am amazed at how ill-informed many of these preservationists are. A case in point is a woman I met on a campground. She was a dedicated camper and hiker. I thought that she was also a dedicated conservationist. After a minute of conversation, I realized that she was a preservationist.

When she found out that timber cutting was permitted on the Allegheny national forest, she was shocked. She didn't approve of hunting, either. She was convinced that beneficent nature would take care of the deer, and hunting was not

---conservationist, continued page 3, column 1

WELCOME NEW CLUBS

The Midwest Federation takes pleasure in announcing the following clubs have been accepted into membership. Welcome to each of you!

PICTURED ROCKS GEM AND MINERAL CLUB,
Fred Wolff, President, Box 64, Wetmore, Michigan 49895.

3M PROSPECTORS CLUB,
Harvey D. Afflerbaugh, President, 394 South Warwick Street, St. Paul, Minnesota 55105

McDONNELL GEM AND MINERAL SOCIETY,
David W. Peterson, President, 12 Media Drive, Creve Coeur, Missouri 63141

EUCLID LAPIDARY AND MINERAL SOCIETY,
Edwin D. Phillips, President, 1784 Oakmount Road, South Euclid, Ohio 44121

SCHOLARSHIP REMINDER

For your club to receive proper credit without delay, be sure you send your checks and coupons for the Scholarship Foundation directly to our Midwest Scholarship Chairman... Mrs. W. H. Steinbrenner, 2813 Patricia Drive, Des Moines, Iowa 50322.

NEW EXECUTIVE COMMITTEE LIST

The revised Executive Committee list has just been printed and copies are being mailed to all our clubs. Please refer to this new list when writing to any of the officers or committee chairmen.

conservationist, from page 2

necessary as a means of keeping deer within bounds. The fact that man had eliminated the large predators, which had once kept deer numbers in balance with their food supply, never entered her head. Neither was she aware of the damage that excess deer could do to the forest vegetation that she was so anxious to preserve.

Her hobbies were hiking and camping. That other forest users might be just as dedicated to the sport of hunting would probably not have been appreciated by her.

Conservation in America, like democracy, is everybody's business. It is not just a catch phrase that can be used as a convenient synonym for the word preservation, and its meaning twisted to fit a particular interest of the outdoorsman.

From Mary Anderson, Our Program Chairman
A PROGRAM NOTE

A poor program gave our wide awake Jan Kruskowski, assistant vice president for the state of Minnesota an idea for a criteria for making slide and film programs and through further correspondence I find many of her ideas are exactly like my own.

All of this leads up to the fact that we need a new Program Planners Aids. Letters are being prepared to go to all program chairmen, asking for their own ideas of what is wrong... what needs to be corrected... and how, what they would like to see in this new manual and their comments on how the library could help make programs better.

The library is soliciting their help because we feel that the person on the job knows more about it than maybe we give them credit for knowing.

A great big "thank you" goes out from the library and the Federation to Al Erickson of the Chicago Lapidary Club not only for making but donating a tape for our 2 reel film "The Gem Story". More people will enjoy it and maybe some will see it the second time with the tape.

Besides the two new slide programs that we have just added, we hope to make several other additions to the library this year. Answer those letters when you receive them and let us know how you feel. Each and every one will be read and given due consideration.

meet your executive committee, from page 2

Anti-Litter. When Robert Goldsworth of the AFMS and California Federations asked that we appoint an Anti-Litter Chairman in the Midwest, I wondered why some of us hadn't thought of it a long time ago. While it is true that we do not want to become principally known as volunteer garbage collectors, still it is true that nothing hurts our image more than leaving a mess and nothing impresses land owners more than being considerate.

Marie Beeler, North Platte, Nebraska has accepted the chairmanship of the Anti-Litter Committee for the Midwest. Marie is a widow and a grandmother who is interested in every part of the hobby, but particularly field tripping. With her Airstream Trailer and her International Travelall she is a familiar sight at many shows. Marie has helped with shows and other activities of the North Platte club, and has also has been active in the Rollin' Rock Club, as Vice President for Nebraska. H.E.L.P. Marie by filling out the Anti-Litter blank with this Newsletter. And, club presidents... if you don't have an Anti-Litter chairman, appoint one now and let us know.

AMERICAN FEDERATION CONVENTION will be in Salt Lake City, Utah... June 19-20-21-22, 1969

1969 BULLETIN CONTEST

Con Peterzen, MWF Bulletin Exchange Editor, has advised that either the March or April issue of your club bulletin will be accepted for judging in the 1969 Bulletin Editors Contest along with your December 1968 issue. He also advises that you may have until midnight April 15th to get your entry postmarked.

CLUB DOINGS

THE SIOUX EMPIRE GEM AND MINERAL SOCIETY of Sioux Falls, S.D. has selected the dates of April 19-20 for their 2nd Annual Show. Show chairman is Robert Johnson, Route 3 - Box 230, Sioux Falls, S.D. 57101

THE LAKE COUNTY GEM AND MINERAL SOCIETY of the Chicago area heard Dr. Eugne S. Richardson, Jr. of the Field Museum in Chicago at their February meeting. Dr. Richardson spoke on "The Story of the Tully Monster and the Dancing Worm of Turkana". He is the Curator of Invertebrates in the Museum.

THE RACINE GEOLOGICAL SOCIETY of Racine, Wisconsin published a 4-page double-spread sheets in their club bulletin "The Hammer" on Characteristics of Important Gem Stone Materials Found In the USA and Generally Considered to Be Worth Collecting and Cutting. List gave hardness, composition, color or pattern, etc.

THE BLUE RIDGE GEM AND MINERAL SOCIETY of Raytown, Missouri and vicinity (Kansas City) booked in the new MWF film on Silversmithing. (This excellent film is available to all MWF clubs. Write Mary Anderson, program chairman of the MWF for dates for your club.)

TRI-COUNTY ROCKS AND MINERAL SOCIETY - Saginaw, Michigan conducted their 11th Annual Auction. Sale was in two parts, silent bidding and then the live bidding with an auctioneer.

OZARK EARTH SCIENCE CLUB of Mountain Home, Arkansas is publishing a very interesting bulletin under the editorship of Mrs. Olive Knight. The Knights are old hands at bulletins and the like having been active in the Earth Science Club of Northern Illinois when they lived in Illinois.

THE MINNESOTA MINERAL CLUB of Minneapolis, Minnesota had their annual banquet on March 15th at the Sheraton Motor Inn. Guest speaker was Arthur A. Viertelhaler, Professor of Art, University of Wisconsin.

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ISSUES TO THINK ABOUT

ONE OF THE BIG stumbling blocks in the progress of the Federation is getting our mail to the right individuals in each club. Do you know if your club's mail is answered promptly. For instance we should have all dues by now, and many have still not paid. We should have Directory blanks back by now so we can get the Directory printed, and revise our mailing list, and get the names and officers of our clubs off to the Buyers Guide. Who do you think should be responsible for seeing that your club is up to date? Wouldn't a permanent mailing address help you?

RUSS MacFALL, Midwest Historian, noticed that some Federations have clubs with definite rules about how to handle members who are destructive or negligent on field trips. Some clubs expel members who give the club a bad name. He suggests we think about how we should handle such things in our clubs. Think about this. It is better to expel the trouble makers who might have ruined field areas for you, or is it better to keep them in the club where you can at least try to supervise their activities and amend their ways?

OLIVER ROSKAM, Assistant to the Publications Chairman, says part of our Public Image difficulty is the word "rockhound". He suggests that maybe we would find more doors (and gates) open to us if we called ourselves Rockologists, which somehow connotes a more responsible, sensible, and intelligent group than "rock-hounds"

On the other hand the Schulzes, Public Relations Chairmen, suggest that maybe what we should do is clean up the word "rockhound" since we seem to be stuck with it anyway. We could make the word mean everything good if we really try. Roskam says the implication of "dog" is degrading for us, but Past President Howard Knight points out that in some parts of our country people give their hounds more attention than they do their children. What does your club think about this?

THERE ARE A NUMBER of clubs in our states which do not belong to the Federation. It is the Federations which have made the hobby what it is in America. It is your money which is supporting our Education and Conservation and Legislation and Recreation, and all the important things to keep the hobby interesting and fun and worthwhile. What can we do to make the unaffiliated clubs aware of what we contribute to their welfare? How can we get them to join us?

SOME CLUBS are afraid to try competitive shows. They feel it is too difficult, will cause too much trouble, or that it wouldn't be fair to those who don't want to compete. Think about it this way. By not having competition are you fair to those who want to compete? They should have a right to compete, just as those who do not want to compete have a right to enter non-competitive displays. Just because a show has competition, does not mean that it is all competitive. Non-competitive displays are usually in the majority, but shouldn't we give a break to those in our clubs who want to learn about competition?



EASTER

Once more the northbound Wonder
Brings back the goose and crane,
Prophetic Sons of Thunder,
Apostles of the Rain.

In many a battling river
The broken gorges boom,
Behold, the Mighty Giver
Emerges from the tomb!

Now robins chant the story
Of how the wintry sward
Is litten with the glory
Of the Angel of the Lord.

His countenance is lightning
And still His robe is snow,
As when the dawn was brightening
Two thousand years ago.

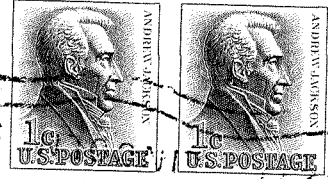
O who can be a stranger
To what has come to pass?
The Pity of the Manger
Is mighty in the grass!

Undaunted by Decembers,
The sap is faithful yet.
The giving Earth remembers,
And only men forget.

by John G. Neihardt
Poet Laureate of Nebraska

Lincoln Gem & Mineral Club
Norma Miller, Editor
Box 29356
Lincoln, NB 68529

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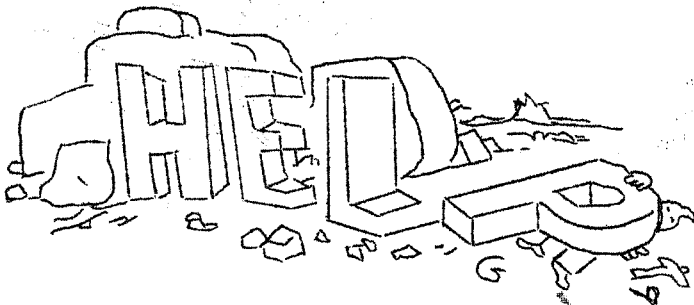
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