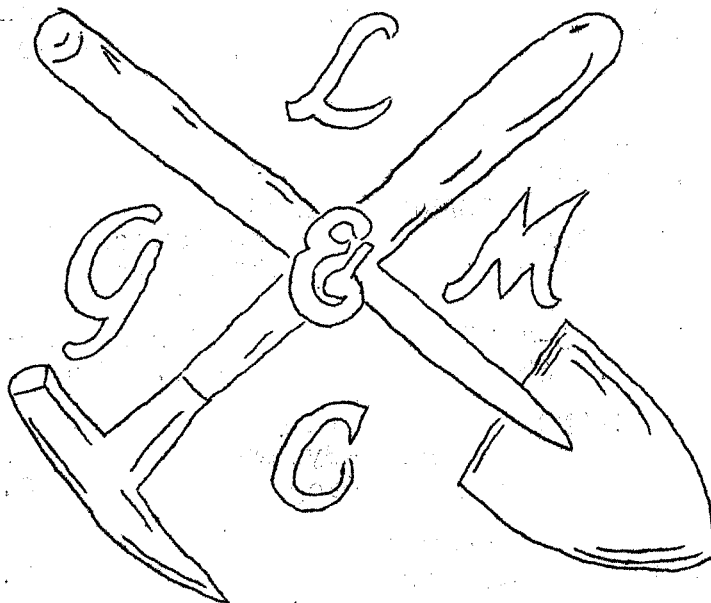


THE PICK & SHOVEL



Official Publication of
THE LINCOLN GEM AND MINERAL CLUB, INC.
P. O. Box 5342
Lincoln, Nebraska 68505

MAR 1971

Members of
Midwest Federation of Mineralogical and Geological Societies
American Federation of Mineralogical Societies
Nebraska State Association of Earth Science Clubs, Inc.
Community Arts Council of Lincoln

CALENDAR

REGULAR MEETING...7:30 PM, Sat., March 27
WOW Bldg., 734 S. 27th

PROGRAM...Another good one arranged by
Mac McKinney, Program Chairman
AND "How to Prepare Your Show Exhibit"
Ralph Ulrich and Marie Taylor

REFRESHMENTS...Tam Dutcher, Jim & Phyllis Parks
and Charles Kitchen
Eleanor & Larry Rupert, Chmn.

'71 SHOW COMMITTEE MEETING...Thurs. April 8, 8:00 PM
2940 Vine St., Marie & Lynn Wells Show Chmn.

ANNOUNCEMENT...Neihardt Special with Dick Cavett on ABC TV network
Consult your TV schedule. Watch 3-23- 6PM on 12
John G. Neihardt will celebrate the 50th Anniversary of
Poet Laureateship April 21, 1971. (Here's to ya)

DEADLINE for material for April P & S is April 7th!! (With both
Phyllis and Norma working many extra hours for their respec-
tive spouses this month...March issue is a bit late.)

MWF SPRING MEETING 9:00 AM Sat., April 3, Elmhurst College, Elmhurst, IL

ALL AMERICAN CLUB AWARDS application forms will be in the mail soon
to our president...LGMC members...gather all material (pictures,
notices, write-ups) and give to Phyllis so the form can be com-
pleted without delay.

COMING EVENTS:

- | | |
|---------------|---|
| Apr 3-4 | Cedar Valley Rocks & Mineral Soc Show, Marion, Iowa |
| Apr 3-4 | Missouri Valley Gem & Mineral Club Show, St. Joseph, MO |
| Apr 17-18 | Sioux Empire Gem & Min Soc Show, Sioux Falls, SD |
| Apr 24-25 | Little Gems Rock & Min Soc 1st Show, Gardner, Kansas |
| Apr 30-May 2 | Central Nebr Rock & Min Soc Show, Hastings, NE |
| May 1-2 | All Iowa Rock Roundup, Fair Grounds, Nevada, Iowa |
| May 8-9 | LINCOLN GEM & MINERAL CLUB SHOW, STATE FAIR GROUNDS,
LINCOLN, NEBRASKA |
| May 15-16 | Picture City Gem & Mineral Soc Show, Hot Springs, SD |
| May 15-16 | Coteau Des Plaines Gem & Min Soc 1st Show, Watertown, SD |
| May 21-23 | Muskegon Co. Rock & Min Assn SWAP/SELL, Muskegon, Mich |
| May 22-23 | Central Nebraska Rock & Min Soc Swap, Ayr Nebr |
| June 5-6 | Siouxland Gem & Min Soc Show, Sioux City, Iowa |
| June 4-6 | State Gem & Min & Hobby Show, Casper, Wyo |
| June 25-27 | So. Dakota State Gem & Min Show, Rapid City, SD |
| July 17-18 | ROCK SWAP hosted by 100 Meridian Rock Club, Lafayette
Park, Gothenburg, Nebr |
| July 22-25 | MWF Show & Convention, Mansfield, Ohio |
| July 27-Aug 1 | Iron Ridge Trail Along, Hibbing, Minnesota |
| Sept. 4-6 | Nebraska Min & Gem Club Show, Nat'l Guard Armory, Omaha, NE |
| Sept. 17-19 | Plains Rock & Min Club Show 4H Bldg., Kimball, NE |
| Oct. 8-10 | NAOESCI State Gem & Min Show, Ogallala, Nebraska |



Last Month...Seventy-five members attended the February meeting and guests present were Mr. & Mrs. Loy Reed Rhoades, Mrs. Berna Fahrlander, **Director of Special Education** at Elliott School and guest of Mary Jane and the Ruperts, Mrs. Dick Hornung and grandson, and Dr. Hal Jansen. Faces not seen for several meetings were a welcome sight. The treasurer recorded last minute dues and gave membership cards and financial reports.

A short business session was highlighted by a report from the 1971 Show Chairman regarding the Awards Breakfast to be held on Sunday morning; announcement was made of a Projects Committee to be composed of Luella & Ewald Paul and Hazel & Chet Bagg. A recommendation was made by the Board of Directors that we hold our 1972 Show in the spring, possibly May, no comment or disagreement was presented so the '71 Board can begin plans soon, hoping to avoid pitfalls of annual Show #13. Evelyn Ulrich was presented as Educational Chairman with George Balke assistant. Monthly sessions will continue and perhaps expand. Irl Everett, 1974 Show **Director**, was called upon for any news or current developments and Howard Taylor reported only one motto-theme idea has been presented so far.

A 23 minute film, "The Rise and Fall of the Great Lakes," was presented by Program Chairman Mac McKinney and his assistant David Rupert. This is the second film toward which LGMC has made a small contribution to the Lincoln City Film Library, a service which is in cooperation with the Nebraska Public Library Commission. This was the Lincoln Premiere of the film and a questionnaire on opinion drew ratings all the way from 'poor' to 'excellent'. General opinion was that it is an up-to-date film perhaps lacking in specific geological data. The humor which highlights the extreme changes taking place through the centuries keep it interesting to the young yet it promotes deep thought in many adults. Several of our members objected to the musical background while admiring the film itself.

After coffee and cupcakes, served in the February motif, those eager to learn more about our earth grouped on and overflowed the stage area. They shared several film clips and discussion based on an outline prepared by the educational chairman. The entire group feels that this should be included as a permanent portion of our meeting and will be an experiment of the near future. (pnp)

NEWS OF INTEREST...The Los Angeles earthquake last month was so powerful that during the massive temblor the mountains at the western end of the San Gabriel range rose three feet and then slipped three feet to the south! Geologists said the quake caused several thousand landslides in the mountain range area and future earth slippage may occur with heavy rains. The quake measured 6.6 on the Richter Scale and was rated a "moderate to large" temblor but not a "great earthquake" such as the one in 1906 which rated 8.3.

NATURE'S ZODIAC...Febr. 19 to March 20 - Pisces - The Fishes. Your ruler is Neptune, God of the sea. As the ocean depths your planet Neptune is cold, dark and farthest from the sun. Your colors: ocean blue and sea green, your metal tin and your element - water. You are sensitive, kind, ebullient and idealistic. Your mineral, Rock Quartz crystal. Your sign - ♉

Message:

Let's attempt to start the March meeting promptly at 7:30 with everyone seated toward the front so that late comers may find chairs easily. We'll keep the business as brief as possible with reports clear and to the point.

The program arranged by Chairman "Mac" McKinney and his two assistants George M. Day and David F. Ruppert will be interesting and deserves your close attention.

Immediately following the program will be the presentation on display and decorations -- methods, problems and cases. Be ready with your own personal display questions when called for.

Coffee will not be served until after all presentations so that everyone may enjoy and benefit. Your cooperation will be very much appreciated.

A few words about "Nebraska Politics" -- Please will each and every "Rockhound" think seriously and take positive action about sending your views to the necessary media regarding the suggested budgeting of funds to the University of Nebraska. I refer of course to the printed lists which included "Closing the State Museum and Lueller Planetarium to all but a limited number of on-campus users", "Reduction of operations by the Conservation and Survey Division" and cut-backs for KETV services. All of these things were suggestions of the University officials printed in the Lincoln Star of March 10, 1971.

Nebraska's State Museum 'Morrill Hall' which houses the exceptional specimen for which Nebraska is famous MUST remain available for our children and our visitors to view and study, thus enriching their minds and imprinting upon them our Nebraska Heritage. MAKE YOURSELVES HEARD, FELLOW ENTHUSIASTS ! !

Phyllis Parks, 1971 President

Ten Years Ago

The March 20, 1961 Lincoln Gem & Mineral Club meeting was held at Mundy Center, 22nd and N Sts. President R. D. Gibson called it to order with the introduction of fifteen guests. New member Lloyd Lederer was presented.

Dr. Lloyd Vance of the Nebraska Game Commission spoke on rock hunting areas in Nebraska and fish and wild game population increases.

-from notebook of Frances Tracy, Historian

Sorry if this page is hard to read. It is the only one cut this month with our club owned typewriter and it seems to need some work to put it back into shape for good stencil cutting. pnp

With field trips at hand it would be wise for old-timers to review and new-comers to become acquainted with the American Federation

CODE OF ETHICS

I WILL respect both private and public property and will do no collecting on privately owned land without permission from the owner.

I WILL keep informed on all laws, regulations and rules governing collecting on public lands and will observe them.

I WILL, to the best of my ability, ascertain the boundary lines of property on which I plan to collect.

I WILL use no firearms or blasting materials in collecting areas.

I WILL cause no willful damage to property of any kind, such as fences, signs, buildings, etc.

I WILL leave all gates as found.

I WILL build fires only in designated or safe places and will be certain they are completely extinguished before leaving the area.

I WILL discard no burning materials - matches, cigarettes, etc.

I WILL fill all excavation holes which may be dangerous to livestock.

I WILL not contaminate wells, creeks or other water supplies.

I WILL cause no damage to collecting material and will take home only what I can reasonably use.

I WILL support the Rockhound Project H.E.L.P. (Help Eliminate Litter, Please) and will leave all collecting areas devoid of litter, regardless of how found.

I WILL cooperate with Field Trip leaders and those in designated authority in all collecting areas.

I WILL report to my Club or Federation Officers, Bureau of Land Management, or other proper authorities, any deposit of petrified wood or other material on public lands which should be protected for the enjoyment of future generations and for public educational and scientific purposes.

I WILL appreciate and protect our heritage of Natural Resources.

I WILL observe the "Golden Rule", will use Good Outdoor Manners and will at all times conduct myself in a manner which will add to the stature and Public Image of Rockhounds everywhere.

(Let us all strive to uphold this code - everyone will profit. nm)

Johnny Horizon says: THIS IS YOUR LAND - KEEP IT CLEAN. US BLM

SHOW BUSINESS...GOOD

Your Show Chairman is pleased to report that all phases of the show are well organized and ready to go. Enthusiasm is running high and reservation for cases and table space have already been requested and reserved. It is this kind of cooperation that gives the show committee a spirit of optimism and assures the club a #1 Show.

"Mac" McKinney has generously allowed time on the program of the March meeting for a demonstration on preparing competitive, non-competitive, and open display exhibits. If there is any question in your mind on how to display your "goodies" don't miss this meeting.

Entry blanks will be distributed and gathered at our March meeting. Be thinking about what you are going to show, how many cases you will need or show and how much table space you will need to reserve. It is important that the floor manager, Jim Parks, have this information.

Once again a fine presentation of movies, slides and lectures, as well as special features will be offered for the public enjoyment and education.

A fine response has been received for donation to the rock pile concession, however, donations to the hourly door prizes are needed. Slabs, minerals, good sea shells, fossils or jewelry (as key rings, bola ties, etc.) will be appreciated. Bring your donations to the March and April meetings. Pat Lawson and Lynn Wells will be glad to accept these.

The Awards Breakfast will be May 9th, at 8 o'clock AM, Lincoln Hotel. The price is \$1.70 per reservation. This includes taxes and tip. Make your reservation with Marie Wells.

If you haven't volunteered to help do so now and in the meantime, get busy on your exhibit. On behalf of Lynn and myself we wish to thank all those who so generously have already given so much of their time and effort.

Included in the March Program:

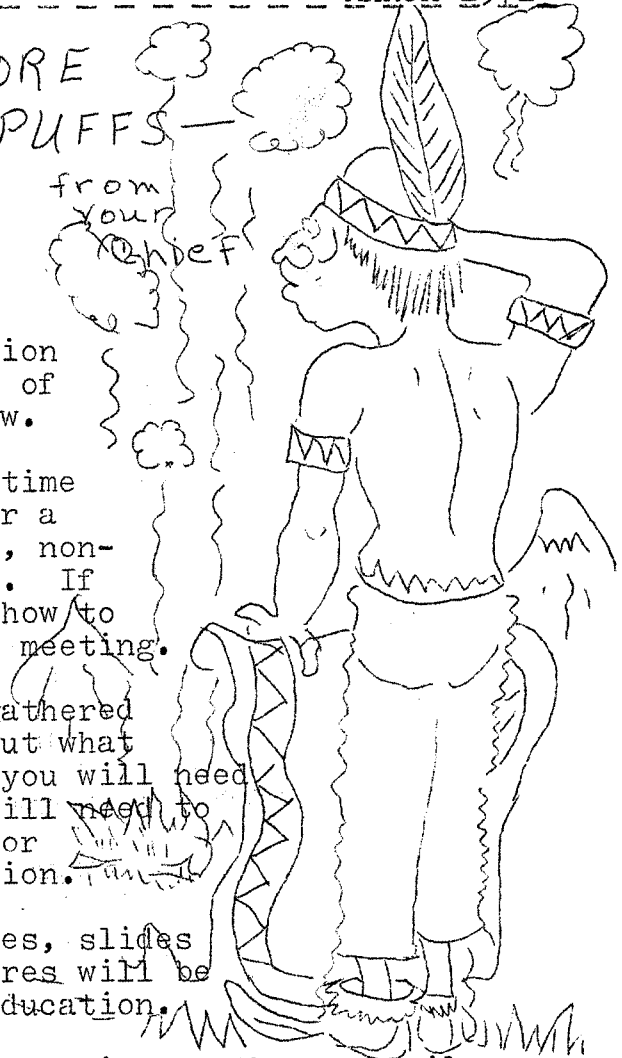
Your 1971 Show Case - Ralph Ulrich
Open Display - Marie Taylor

Marie & Lynn Wells, 1971 Show Chairmen

MORE
PUFFS

from
your
chief

Chief



His thoughts were slow;
His words were never formed to glisten;
But he was a joy to all his friends.
You should have heard him listen!



POINT OF VIEW...

Evelyn's session sure hit the nail on it's "Educational" head. She has a lot more "goodies" in mind for the future.

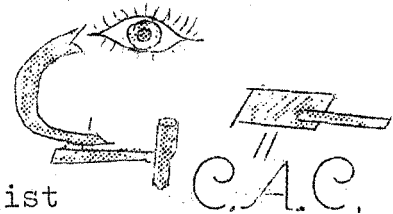
If you weren't there, you sure missed out on the basics...the outline provided is the start of a new notebook to add to my library.

See you all next session I hope -

George Balke

COMMUNITY ARTS COUNCIL

Your Community Arts Council representatives attended the very enjoyable February meeting at which Miss Judith Allen, Artist in Residence at Doane College, sang and gave a brief talk on the history and development of the Affiliate Artist Program. Her work at Doane during this last visit included directing an opera workshop, as well as giving "informances", a type of lecture demonstration program.



The Affiliate Artist Program began five years ago and has enrolled forty professional artists. Twenty-four are sponsored by the Sears Roebuck Foundation and the National Endowment for the Arts. These young artists perform and participate in community outreach programs and sometimes direct students in productions.

-Norma Miller & Edith Holdorf, LGMC Reps. to C.A.C.

NOTE: Your representative attended the March meeting on the 15th and will report fully next month however I will report here that LGMC, as a member organization, has a decision to make at our next meeting. The Community Arts Council has been running on donations - those have now run out and a change must be made - Question: Does LGMC feel it can pay dues and continue to be a member of CAC or can we come up with enough volunteer hours to man some of the work load. I'll fill you in with more details at the March meeting. -Norma Miller, CAC Rep.

LATE WORD...the 1971 MWF Club Bulletin Contest is launched! The February issue is the one to be judged. Entries must be post-marked no later than April 1, 1971. LGMC is entering the contest...all who have contributed in any way towards producing and distributing the Pick & Shovel are on our team...may the best team win. Ed.

THANKS for the overwhelming response to the request to take 1971 advance tickets for sale.

A REMINDER: You may get your tickets at the meeting on the 27th. -Advance Ticket Chmn, Darline Sprick

DAFFYNITION of a Dinosaur - A Colossal Fossil

GLENNA'S GLEANINGS

Several club members were in attendance at the Kansas City Show. Lois & Irl Everett, with daughter Nancy; and son Gary and wife, Kay & Ralph Ulrich, Ruth & Frank Krejci, Stan & Hazel Greenwade, Howard & Marie Taylor, Bruce Simon and yours truly. (George, too?)



Mr. Julius Young underwent surgery March 3 at Bryan Memorial Hospital. He is doing fine Mrs. Young reports. His room number is 416, for friends who would like to visit him.

The Central Nebraska Club, via Hal Jantzen, invited our members to their May 22nd & 23rd Rock Swap at Ayr, Nebraska. He promised to have the coffee pot on for all Friday night arrivals.

Dr. Neihardt will appear on the Dick Cavett Show, possibly some time in April. He taped 4½ hours at KETV from which parts will be used to make a 90 minute interview.

The Legislature plans special recognition of the Golden Anniversary of his Poet Laureateship on April 7th. The bill which gave Dr. Neihardt that honor was signed by Governor McKelvie in 1921, and according to research made by a Congressional team, proved no other poet has held that title for so many years!

Your reporter is entertaining ??? her grandchildren for a couple weeks while their mother visits their father in Hawaii on R & R leave from Viet Nam.

Larry & Eleanor Rupert announce the coming marriage of their son, Dewey, on May 7 to Miss Sue Bellows at St. Mary's Church.

Helen Miller has been laid up the past three weeks with a sprained wrist which she got in a fall on the ice.

A member of the club going on active duty in the Seabee's is Tom Rule. He is presently stationed at Treasure Island in San Francisco, California.

Chet & Hazel Bagg report their grandson, Larry Rohr, is taking his Basic Training at Ft. Lewis, Washington.

Willie Lawson celebrated his 7th birthday on February 27. Many happy returns!

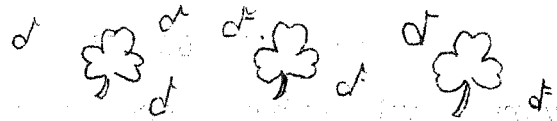
The Carveths attended the wedding of Virg's niece on February 26. Marie reports the champagne was great.

Darline Sprick is taking a nine day trip to Texas to hunt topaz, starting April 9th. Anyone else want to tag along?

The Lincoln JC's gave their "Good Government" award to our own Frank Marsh. Congratulations!

(continued next page)

GLENNA'S GLEANINGS (continued)



John Lewis announces he has openings in his lapidary classes on Monday, Tuesday and Wednesday evenings.

Another marriage in the offing is that of the Holdorf's daughter Elizabeth, to Bart Glathar at the University Methodist Chapel on April 10th. She will graduate in June from Nebraska U with a Sociology degree. Best wishes on both counts.

Eugene Hilton spent his birthday in February in the Offutt AF Base hospital, recovering from a heart blockage. His roomy in intensive care was our old friend Tom Simmons. Small world!

Your Reporter, Glenna McGinnis

P.S. A chat with Ruth Weber informs us that Terry is now stationed in Thailand and Judy will be graduating from Practical Nurses Training School on March 18. Ruth herself is coming along nicely after her surgery in December. Perhaps crutches can be eliminated completely soon. Oh happy day!

BLM NEWS...in the February issue of the Rapid City Journal via Winifred Reutter, Liaison Officer for three southwest South Dakota clubs..."Claude Roswurm, area manager of 280,000 acres of public land in South Dakota under the supervision of the Bureau of Land Management spoke to the Black Hills Mineral Society on laws and policies governing the collecting of petrified wood, minerals and fossils.

The item states (quote) "In general, collecting of rocks and minerals is permitted on public lands except for Indian lands, mining claims, National Forests, parks and monuments. On all other areas, including grazing leases, the collecting limit for personal use is 25 pounds per day with a limit of 250 pounds per year. Use of explosives and power equipment for excavation is not permitted. It is unlawful, Roswurm said, to collect by excavating fossils or Indian ruins. These items are considered part of the cultural heritage of the country and are reserved for study by trained scientists." (unquote).

(Thanks for keeping us posted, Winifred...but you pique our curiosity...what does one do if he finds a 50 pound Fairburn out there in those favorite hunting grounds?) Keep us posted. Ed.

FOOD FOR THOUGHT: Always do what is right...this will gratify some, and astonish the rest! mjc

MORE FOOD: Knowing your strength makes you confident...forgetting your weakness makes you vulnerable.

MORE: Doing business without advertising is like winking at a girl in the dark...You know what you are doing, but no one else does!

FOSSILS OF THE FIRESTEEL

by Ron Fuchs, Mitchell, South Dakota, Contributing Editor

The Firesteel Creek wanders along through the central part of Davison County and to the Northwest of Mitchell, filling up the lake - Lake Mitchell.

Most of the fossils range from a period of 20 million to 70 million years old - this ranges from the Miocene period to the Cretaceous period - an age which ranges from the Tertiary seas having a decline in marine reptiles - to have gradual domination by sharks, ranging up to a point when the seas began to recede and the climate changes to pre-glacial.

The three species of shark's teeth found on gravel bars and eroded hillsides are as follows: *Otodus Appendiculatus*, *Scapanorhynchus Rhapsiodon* and *Laman Cuspidata* - Cretaceous and Paleocene periods. Two other species rarely found are the *Carcharodon Megalodon* and *Charcharodon Sulcidens* which are serrated being from the ancient "White Shark".

The majority of the shark fossils are either teeth or vertebrae. The shark's skeleton is composed mostly of cartilage, which disintegrates far more rapidly than bone and is poor material for fossilization.

The teeth are found in Quaternary sediments or after-glacial age, and found in limonitic claystone masses and gumbo clay. The teeth were picked up and carried along during the Ice Age from its ancient sea sediment of early Cretaceous and Tertiary.

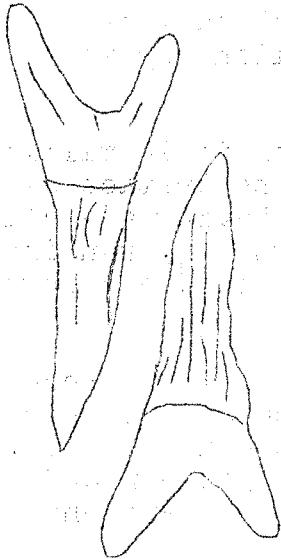
Other fossils found include: 1) Skate teeth - actually shaped like a button, which were relatives of sharks that were flattened bottom dwellers; 2) Crinoid casts - ancient sea lillies are actually broken off parts of stems; 3) Two animals of the phylum-Mollusca, class-Pelecypods, order-Schizodonts, genus-Gryphaea: Super family washitensis and convexa- some 75 million years old - Cretaceous - during this period pelecypods have been developing since Cambrian (460,000,000 years ago) to extinction in the Cretaceous; 4) Ammonites of numerous sizes have been found from sections to whole specimens; 5) Other oddities have been found such as Teredo wood - infested wood with worms, limonitic claystone formations - some having marine secretions and bile from the sea bottom in the formation and the "devil's egg cluster" - a formation of calcite and limestone.

The majority of the hunting is in Badger Township. Much of the land is privately owned - so permission should be gotten before attempting to begin to hunt. This is usually noted in such a way that it should be a requirement for any good rockhound to do before hunting.

Following are some illustrations of our teeth and other fossils:

(see next page)

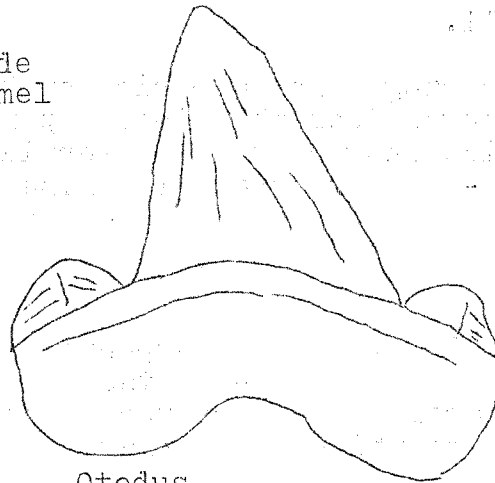
FOSSILS OF THE FIRESTEEL by Ron Fuchs, Contributing Editor (Continued)



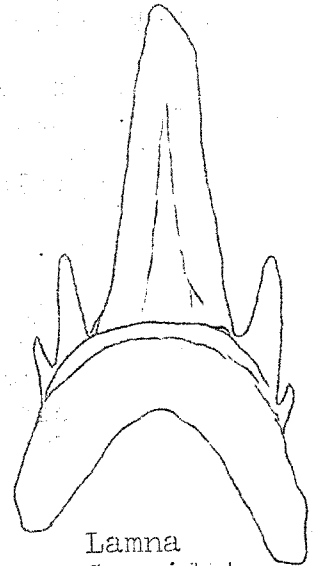
Scapanorhynchus
Raphiodon

blade
enamel

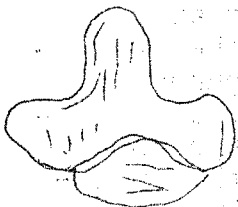
root
bone



Otodus
Appendiculatus

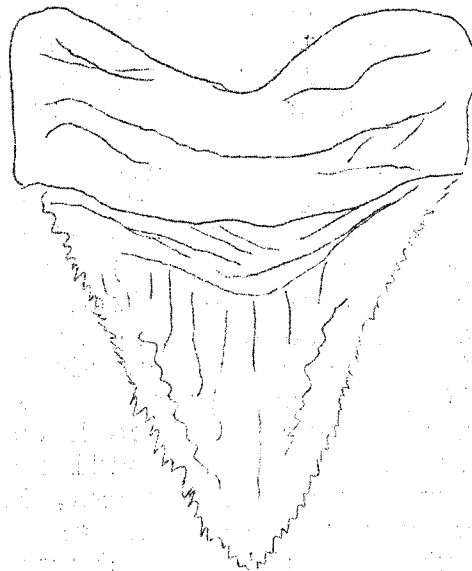


Lamna
Cuspidata

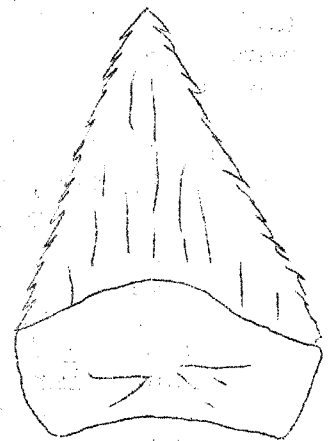


Ptychodus
Whipplei

Skate-button
crusher pavement
tooth
(Cretaceous)



Carcharodon
Megalodon
(Miocene)



Carcharodon
Sulcidens
(Miocene)

Thanks again Ron for the interesting article. It is stimulating to
to receive material from interested readers such as yours.

pnp-1971 pres.



Via the Lapidary Journal, Febr. 1971, comes the information that a search for "The World's Finest Minerals and Crystals" is in progress spearheaded by Dr. Peter Bancroft who is writing a book by that title and will be illustrated in full color. He is asking you to write to him if you have knowledge of a mineral specimen you believe to be the best of its kind in the world. Just describe the specimen by stating its name, size and identity of the owner and his address.

These recommendations will be reviewed by a panel of eminent mineralogists to determine the finalist in each mineral species. This one finalist will be illustrated in full color in the book, and the name of the person to nominate the particular mineral will be listed in the book. A history of each mineral will also be listed along with the name of the owner, whether it be a private collector or a museum.

Specimens may come from anywhere in the world, and may be housed anywhere. Each owner of a recommendation or "nomination" shall be asked to submit a 35mm color slide of the specimen. After judging, the slide will be returned to the owner if the owner makes this request.

This will be an exciting search and you can be a part of the excitement. If you know of an outstanding example of one or more of the following species, write the necessary information to Dr. Peter Bancroft, 2356 Raymond, Ramona, California 92065. Your nomination may be a winner - if so your efforts will result in your name being listed in the book.

Mineral Species to be included in "The World's Finest Minerals and Crystals":

Adamite	Descloizite	Quartz-Amethyst
Andratite (Demantoid)	Diamond	Quartz-Rock Crystal
Anglesite	Dioptase	Quartz-Rose
Anhydrite	Dolomite	Quartz-Smoky
Apatite	Enargite	Quartz-Yellow
Apophyllite	Epidote	Realgar
Aragonite	Erythrite	Rhodochrosite
Argentite	Euclase	Rhodonite
Arsenopyrite	Fluorite-Pink	Rutile
Atacamite	Fluorite-(other colors)	Scheelite
Autunite	Franklinite	Siderite
Axinite	Galena	Silver (Crystals)
Azurite (Crystals)	Gold-Crystals	Silver (Wires)
Azurite (Reniform)	Gold-Wires	Smithsonite (Crystals)
Barite	Grossular	Smithsonite (Reniform)
Benitoite	Hematite	Spangolite
Beryl-Aquamarine	Kermesite	Sperryllite
Beryl-Emerald	Lazulite	Sphalerite
Beryl-Golden	Lazurite	Spodumene-Hiddenite
Beryl-Morganite	Legrandite	Spodumene-Kunzite
Beryl-Red	Linarite	Spinel

(continued next page)

Search for "The World's Finest Minerals and Crystals"
(continued)



Boleite	Magnetite	Stannite
Bornite	Malachite-(Pseudomorph)	Stephanite
Brazilianite	Malachite-(Reniform)	Stibiconite
Brookite	Manganite	Stibnite
Bournonite	Marcasite	Sulfur
Calcite	Microcline-Amazonite	Tantalite
Calédonite	Millerite	Tennanite
Cassiterite	Mimetite	Tetrahedrite
Celestite	Molybdenite	Titanite-Sphene
Cerussite	Neptunite	Topaz-Blue
Chalcocite	Octahedrite	Topaz-Golden
Chalcopyrite	Opal-Black	Topaz-White
Chondrodite	Opal-(Other)	Torbernite
Chrysoberyl	Peridot	Tourmaline-Green
Chrysoberyl-Alexandrite	Perovskite	Tourmaline-Indicolite
Cinnabar	Phenacite	Tourmaline-Rubellite
Cobaltite	Phosgenite	Uvarovite
Columbite	Phosphophyllite	Vanadinite
Copper-Native	Platinum	Vesuvianite
Corundum-Ruby	Polybasite	Vivianite
Corundum-Sapphire	Proustite	Wolframite
Covellite	Pyrrargyrite	Wulfenite (Red, Orange)
Creedite	Pyromorphite	Wulfenite (Other colors)
Crocoite	Pyrite	Zircon
Danburite		

Received...AN INVITATION TO ALL LGMC CLUB MEMBERS...from
Howard and Laura Shanks...to the All Iowa Rock Round UP...
sponsored by the Ames Rock & Mineral Club, to be held at
the Story County Fair Grounds, Nevada, Iowa

Saturday morning 10:00 and 11:00 o'clock:

Guided Tour of Crystal Growing Facilities of Atomic Energy
Commission Ames Lab

10:00 Field Trip to Archeological Dig near Stanhope

10:00 Guided Tour of C.Y. Stephens Auditorium, ISU Campus

Saturday Evening:

Pot Luck Supper (coffee, punch furnished)

Film Show in Lodge

Sunday Morning:

Pancake Breakfast, Ames Club serving

Silent Auction (Contributions invited)

The tours are of an educational nature as there are no rock
collecting areas nearby. Also, there are tennis and basket-
ball courts, and a baseball diamond on the campgrounds.
Bring your own equipment for these activities. Plenty of
electrical hook-ups. Campground opens Friday noon. Enter-
tainment for youngsters. Round the clock swapping. Constant
coffee pot, visiting. Plenty of shelter in case of bad
weather. No dealers. Enter Nevada from the west on old
Highway 30, turn south on 1st St. about 6 blocks, or the new
Interstate 30 runs 1 mile south of Nevada. You'all come!

Midwest Federation's NEWSLETTER



Published monthly except July and August as a service to member clubs
All news, articles, subscription orders and requests for information concerning publication
should be sent to P.O. Box 1130, Des Moines, Iowa 50311

Issue No. 113 - March 1971

A Note From Evelyn Hirsch

MIDWEST FEDERATION PROGRAMS

So far programming hasn't met with too much trouble. I do try to answer your letters the day I receive them. I would like at least a month's notice for a program. I know emergencies do arise and I'll try to help if I can, but please do not make a habit of calling at the last minute. At times the pony express is faster than our (space age) mail of today. I'm trying at present to allow twelve to fourteen days for one way. That allows you time to get it ready for your meeting as all slides need to be transferred to your slide holders as our slides are only shipped in boxes and are only mailers. Do not be surprised if in a return letter I ask you "What's to hunt in your area?" I intend to have a little fun along with this big job.

EARTH SCIENCE MARCH-APRIL ISSUE

Ellis Courter begins a two-part article "Man and the Sea" in the March-April issue. The article is illustrated by an unusual map of the North Atlantic ocean floor. "Strange Creatures Inhabited Ohio", host state of the MWF convention in 1971, back in the Permian period. Drawings by a staff member of the Cleveland Museum of Natural History recreate them.

From Betty J. Crawford

UNIFORM RULES

Exhibit registration blanks are being mailed to the clubs this month, so we want to take this opportunity to encourage competitive exhibits at the show in Mansfield on July 22-25.

Our efforts to find the reasons for the discontent with the Uniform Rules resulted in only one letter of criticism and suggestions, although several did write to ask for advice on exhibiting. Yet we get gripes via the grapevine; several bulletins have carried rather caustic comments about the rules and judging but offer no constructive suggestions for improvement. It leads us to believe we have more of a "people problem" than a "rules problem". The condemnation seems almost always to come from people who choose to blame their low scores on the rules or judging, with the result that they discourage others from competition.

The Uniform Rules are not difficult to understand for one who is willing to make the effort. The Exhibitor's Manual is designed to further explain the rules and offer helpful advice on exhibiting. Whether a display is competitive or non-competitive, the exhibitor has a responsibility to the public, himself, the hobby and the

-continued on page 2, column 1

1971 CONVENTION AND SHOW NEWS

The schedule of Federation activities and meetings for other special groups is taking shape. Some of the meetings will be at Kingwood Center, a 47 acre privately endowed cultural and gardening center, conveniently located to the Fairgrounds. Kingwood is a showplace in itself and will provide a pleasant setting. Children, as well as adults, will enjoy the wild-fowl pond and small zoo.

This year, instead of the Bulletin Editors Breakfast, an Editors Seminar is scheduled for 9:00 a.m. on Friday. A meeting of State Directors and assistants will be at 1:00 p.m. Friday at Kingwood and this is followed at 2:00 by the Executive Committee meeting. For those attending both morning and afternoon meetings, there is a good restaurant within walking distance of the Kingwood meeting hall.

The Council will meet Saturday with registration of delegates at 9:00 a.m. and the meeting at 9:30. Location of this meeting will be announced.

A micromount symposium is set for Thursday evening at Kingwood. On Friday evening there will be an Exhibiting seminar, which is an expansion of the usual judges-exhibitors meeting, in the program area at the Fairgrounds. Banquet will be Saturday evening at 6:30 p.m. Program speakers and other events are being scheduled and will be announced in coming months.

Registration forms, exhibit entry blanks, and accommodation lists will have been mailed to all clubs by the time you get this Newsletter. If they are not available at your club meeting in March ask your President. Additional blanks can be obtained by writing to the show chairman, B. F. Parr, 1488 Marion Avenue Road, Mansfield, Ohio 44906.

From Lee M. Kirby, Second Vice President

PARTICIPATION AND THE FEDERATION

At Minneapolis, Minn. in July of 1970, ninety-six of the two hundred and nineteen clubs that made up the Midwest Federation of Mineralogical and Geological Societies sent delegates to the annual Council meeting. The only apparent conclusion that can be drawn from the foregoing statement is that fifty-seven percent of the member clubs are not interested in what is happening in the Midwest Federation.

Why? Perhaps, and I sincerely hope this is the reason, those clubs have simply overlooked the fact that they are the Midwest Federation. Perhaps if these clubs would look at their membership in the Midwest Federation as comparable to the deposit of money in a savings account, they would be more prone to participate. Membership in any organization is basically a matter of participation. The more one participates in its functions, the more benefits one receives in return. The feeling of satisfaction in accomplishment is available only to those who willingly extend themselves to the point of doing.

The theme of the Midwest Federation for 1971 is "Education". It is my sincere hope that the member clubs of this Federation will take advantage of this theme in the coming year and "Learn by Doing"! Let us not sit back and let "George" do it for us.

uniform rules... from page 1, column 2

Federation to label everything accurately and make his presentation as attractive as possible. Granted, a good display takes a lot of time, effort and planning, but the satisfaction of a job well done is worth it. No one thing does more to improve the quality of displays than competition.

Educational displays are a good field for competition and the rules in this division are not as restrictive. The possibilities here are endless, and we hope some of you can come up with some good new ideas.

Please support the convention with one or more displays... preferably competitive. The 18 trophies available are listed in the Supplementary Rules included with the red Uniform Rules book. An added incentive this year is free admission to exhibitors.

The following exhibiting aids are available from Miss Dorothy Gleiser, 1066 Griffith Road, Lake Forest, Ill. 60045. AFMS Uniform Rules Book (second edition) 40¢; AFMS Approved Gem List (not for mineral labeling) 25¢ or both for 50¢. AFMS Exhibitor's Manual 40¢.

Roger Pabian, Lincoln, Nebraska

NEW EDUCATION CHAIRMAN

Have you seen the new book Record in Rock that describes and illustrates all the major invertebrate fossils found in the state of Nebraska? This excellent and sorely needed book is the product of much research and

MIDWEST PROGRAM SERVICE

now has 39 slide programs and four movie programs available to clubs for their use. The programs may be booked by writing to Mrs. Evelyn Hirsch, Route 1, Mitchell, Ind. 47446

16 Clubs Reach New Status

SCHOLARSHIP FOUNDATION

Through their generous gifts and contributions of Betty Crocker coupons 16 MWF clubs have attained new percentage status in the Scholarship Fund. Sincere appreciation is extended to all clubs for their support of the Foundation.

1300%	Peru YMCA Rocks and Minerals Club
700%	Lakeland Gem Club
600%	Midwest Mineralogical and Lapidary Society Show-Me Rockhounds
500%	Illowa Gem and Mineral Society Waterford Gem and Mineral Society
400%	Blue Ridge Gem and Mineral Society Wildcat Geological Society
300%	Cincinnati Mineral Society Flint Gem and Mineral Club Lake Shore Mineral and Lapidary Club
200%	Badlands-Sandhills Earth Science Club Central Michigan Lapidary and Mineral Soc. Elkhart Mineral Society
100%	East Central Wisconsin Rock and Mineral Club Sycamore Valley Lapidary and Mineral Club

STAMP PROJECT CORRECTION

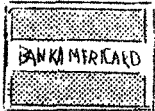
In the February Newsletter the address given to which cancelled stamps were to be sent was incorrect. Your stamps should be sent to The Stamp Project, Washington-Idaho Council of Churches, 2005 - 5th Avenue, #210, Seattle, Washington, 98121.

The stamp project needs all foreign stamps, all commemorative stamps except recent Christmas stamps, United Nations stamps, duck and Upland bird stamps, certified mail stamps, large and small airmail stamps and any unusual denomination stamps. Do not send peeled or torn stamps. Cut stamps from envelope with about 1/4" border around stamps. They do appreciate having the stamps sorted as to types if possible.

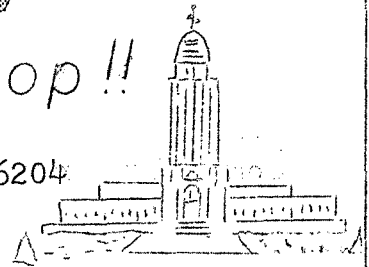
work by the new Education Chairman of MWF, Roger Pabian, Lincoln, Nebraska. He is extremely energetic, talented and has ideas of education that can apply to everyone in the Federation from fossils to lapidary. If you have any questions or need any help in planning your club's education programs, contact him at: Roger Pabian, 300 Sycamore Drive, Lincoln, Nebraska.

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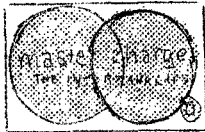
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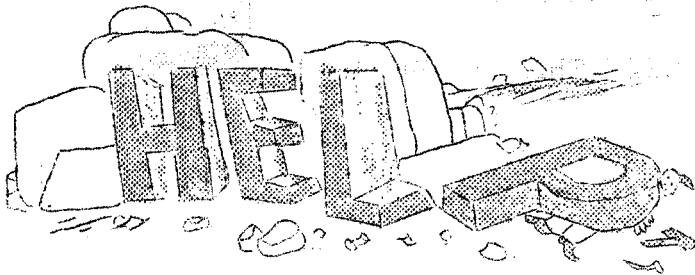
Frances Tracy, Historian
3601 South St.
Lincoln, NE 68506

THEME FOR 1971 - "EDUCATION" - JAY WOLLIN, MWF PRESIDENT

MWF CONVENTION & SHOW - July 22 thru 25 - MANSFIELD, OHIO

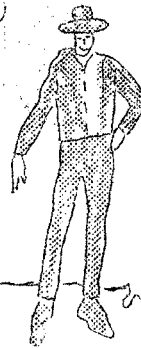
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