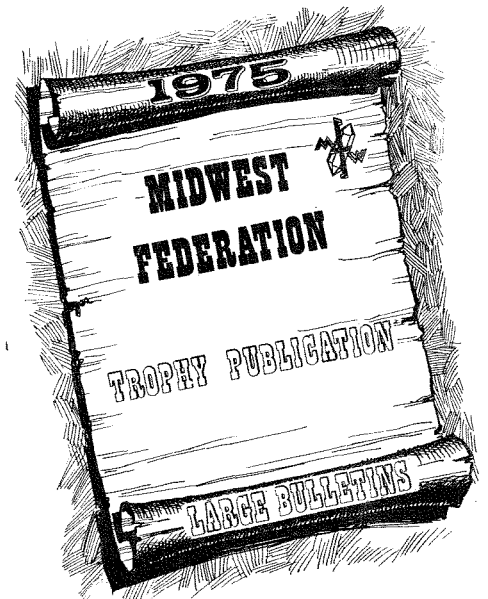
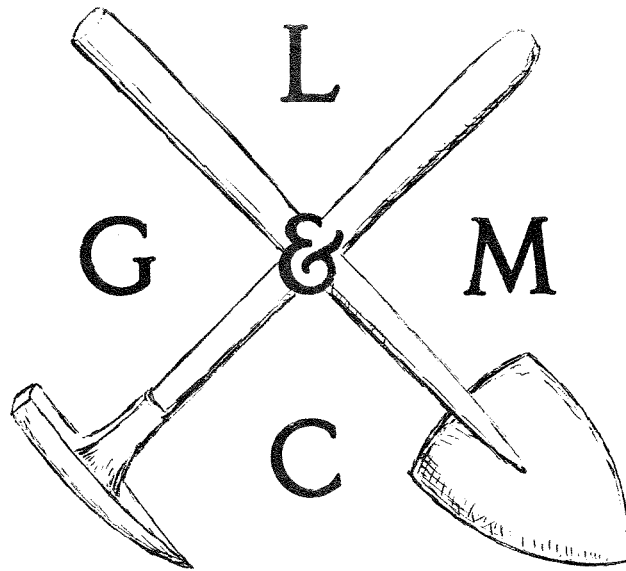


THE PICK & SHOVEL



OFFICIAL PUBLICATION OF
LINCOLN GEM & MINERAL CLUB
LINCOLN, NEBRASKA

LINCOLN GEM AND MINERAL CLUB, INC.
P. O. Box 5342, Lincoln, Ne. 68505

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

MEMBER: Midwest Federation of Mineralogical and Geological Societies (MWF)
American Federation of Mineralogical Societies (AFMS)
Nebraska Association of Earth Science Clubs, Inc. (NAOESCI)
Nebraska Academy of Sciences
Community Arts Council of Lincoln

Regular Meetings: 4th Saturday of the month, September thru May, 7:30 P. M.
1979 - Trabert Hall, Lower Level, 2202 So. 11th St.

1979 ELECTED OFFICERS & COMMITTEE

President.....	Howard Taylor	910 New Hampshire	Lincoln, 68508	432-3707
1st Vice Pres...	James Marburger	1910 So.26th,Apt.B	Lincoln, 68502	432-0214
2nd Vice Pres...	Bob Daniels	4030 St. Paul	Lincoln, 68504	466-5036
Recording Secy..	Vera Lyman	420 N. 56th St.	Lincoln, 68504	464-6089
Treasurer.....	Hazel Greenwade	6027 Fremont	Lincoln, 68507	466-4788
Board Member....	Larry Bigley	6126 Hartley	Lincoln, 68507	466-0211
Board Member....	Ray Lambert	1201 N. 79th St.	Lincoln, 68505	464-8552
Board Member....	Phyllis Parks	2435 S. 19th St.	Lincoln, 68502	432-6798
Board Member....	Frank Rule	6333 Kearney	Lincoln, 68507	466-1697

Nominating Committee-3 years..Wilfrid Wittman, Edwin Johnson; 2 years..Marita Bigley,
Lynn Wells; 1 year..Marie Wells, Irl Everett

STANDING COMMITTEE CHAIRMEN:

Program	Bob Daniels	Liaison & Calling	Marie Taylor
Education	James Marburger	Refreshments	Sylvia Daniels
Hospitality	Goldie Quinn		Shirley Roberts
Historian	Lois Everett	Scholarship	Ed & Vivian Johnson
Librarian	Paul/Stam Greenwade	Special Outside	
Membership	Marita Bigley	Displays	Virgil Carveth
Field Trips & Safety	Frank & Tom Rule	Housing & Property	Dick Roberts
Sunshine Corner	Susan Taylor	Publications	Larry Bigley
NAOESCI Reporter	Evelyn Ulrich	Auditing Comm. 1979	Dick Roberts
1979 Show Chairman	- Glen Lymann		Nelda Oliver
			Marie Taylor

LONG RANGE PLANNING & BY-LAWS COMMITTEE

1 year remaining..Larry Bigley & Don Carter, 2 years remaining..Nelda Oliver &
John Harrison (John-Chairman), 3 years to serve..Jim & Phyllis Parks

1980 NATIONAL SHOW PLANNING COMMITTEE - selected 1977 General Meeting -
Howard Taylor, John Harrison, James Marburger, Tom Simmons, Roger Pabian, and
Frank Rule. Committee selected Howard Taylor as Chairman and added Ray Lambert
as Secretary.

PICK & SHOVEL STAFF: Chairman...Larry Bigley (466-0211)
Editor Evelyn Ulrich, 3521 S. 48th St., Lincoln, Ne. 68506, Phone 488-9051

Club News	Helena Baegl	Artwork Stenciling	Jim Parks
Sunshine	Susan Taylor	Publisher	Phyllis Parks
Typists	Flossie Litzenberg, Marita Bigley & Linda Parks		

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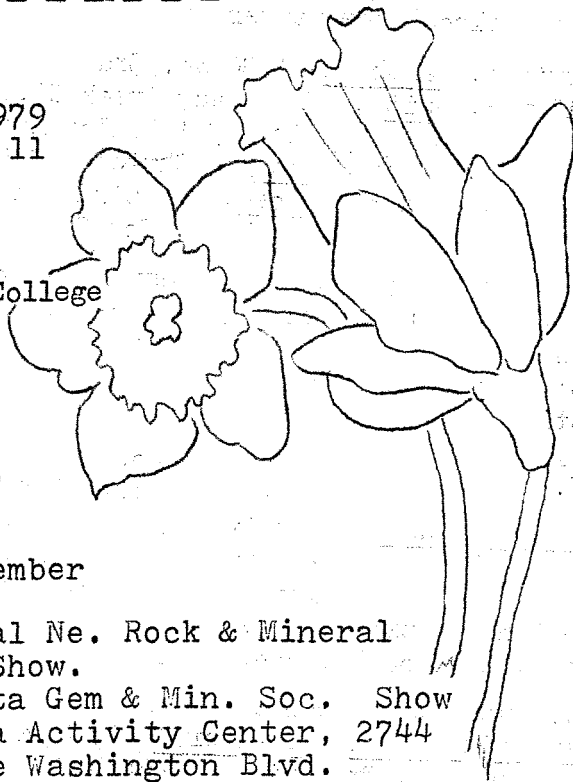
CALENDAR

General Meeting... Saturday, April 28, 1979
 Trabert Hall, 2202 S. 11
 7:30 P.M.

Program: Silversmithing to be presented by
 Shirley Johnson of Southeast Comm. College

Refreshments will be served.

LGMC Board Meeting... 7:30 P.M. May 3 .
 Home of Howard Taylor,
 910 New Hampshire



1979 Dates to Remember

April 20-22	Hastings, Ne.	Central Ne. Rock & Mineral Club Show.
April 20-22	Wichita, Ks.	Wichita Gem & Min. Soc. Show Cessna Activity Center, 2744 George Washington Blvd.
May 5-6	Lexington, Ne.	100th Meridian Rock Club, Swap.
May 19-20	Hot Springs, S.D.	Picture City Gem & Min. Soc. Show
June 2-3	Hebron, Ne.	Fort Butler Rock & Gem Club, State Swap.
June 9-10	Norfolk, Ne.	N.E. Ne. Rock & Min. Club, Show.
June 16-17	Beatrice, Ne.	Homestead Gem & Min. Club, Swap.
July 14-15	Columbus, Ne.	Loup Valley Gem & Min. Club, Show
Aug. 11-12	Mitchell, S.D.	Corn Palace Rock Club, Show.
Aug. 18-19	Crawford, Ne.	N.W. Ne. Rock Club, Show.
Sept. 1-3	Omaha, Ne.	Nebraska Gem Club, Show.
Oct. 20-21	Grand Island, Ne.	Grand Island Earth Science Soc. Show

1979 Regional Show Schedule

<u>California</u>	<u>Eastern</u>	<u>Midwest</u>	<u>Northwest</u>	<u>Rocky</u>	<u>South</u>
Sacramento	Tampa	Columbus,	Kennewick,	Mountain	Central
	Fl.	Ohio	Wash.	Rapid City,	Abilene,
June 22-24	July 19-22	Aug. 2-5	Aug. 31-Sept. 2	So. Dakota June 8-10	Texas May 18-20

June 12-13-14-15, 1980 Lincoln, Ne. Lincoln Gem & Mineral Club hosts National Show.

A F I E L D T R I P

When - Memorial Weekend, May 26, 27, 28, 1979

Destination - Flemington, Missouri Area (Details elsewhere in bulletin)

Complete information elsewhere or call Frank Rule (466-1697).

This is the trip President Horak of NAOESCI wrote about in Feb. Gem Palette. All Nebraska Rockhounds are welcome to enjoy this trip.

Please welcome new members who've joined our club since January:

Ervin L. Marshall, 1930 So. 53rd St., 68506, Ph. 488-5921
 Marilyn R. Smits, 5510 Shady Creek Ct., Apt. 6, 68516, Ph. 423-8277
 John and Rae Ann Hedin, 7341 Willow Ave., 68507, Ph. 464-9478
 Richard L. & Joyce Haney & Chriss, 1705 East Ave., York, NE 68467, Ph. 362-3459
 Donald E. & Carolyn Rose, Roy, Cindy and Jamie
 P. O. Box 311, York, NE, 68467, Ph. 362-4584

Please add these names to your 1979 Who's Who which you may pick up at the April Meeting. You will find (in your new Who's Who) several members who have been reinstated listed on a separate sheet-not in alphabetical order. Watch your Who's Who corrections and additions monthly in our Pick & Shovel and keep your listings correct.

Editor reports receipt of a copy of Educational Circular #3, courtesy of Roger Pabian, to be placed in our club library. Titled Geologic History of Scotts Bluff National Monument, written by Roger K. Pabian and James B. Swinehart II, this 26 page brochure presents a very complete story and guide to the historic site. A cover letter indicates that additional copies are available for \$1.00 each from The Conservation & Survey Division of the University of Nebraska. We've also received a booklet containing a list of publications available free of charge.

Librarian Stan Greenwade reports some books donated by Mr. & Mrs. C. Ray Waddle - New Mexico Mines and Minerals by Fayette A. Jones - 1904, and A Field Guide to and Minerals, Frederick H. Pough.

In April 1969, Mr. Lewis Harris, President of Harris Laboratories, spoke to us on the world of modern society.

April of 1959, Dr. D. L. Spaulding of Omaha showed his beautiful film on Burmese Gems. He also brought along some finished and unfinished gems.

Greetings from the Sunshine Corner:

"Silences make the real conversations between friends. Not the saying but the never needing to say is what counts."

A get well card was sent to Mrs. Raymond Pfeiffer. Belated get well cards were sent to Mr. Albert Olson and Mr. Floyd Fellows.

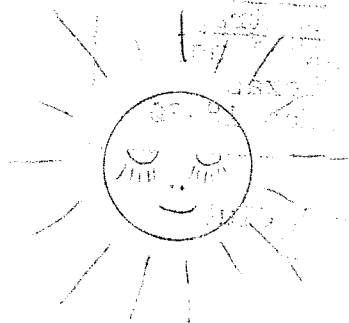
A sympathy card was sent to Mrs. Gordon McKinney, expressing the Club's condolences in the passing of Mac, a former club member and past president.

Until next time!

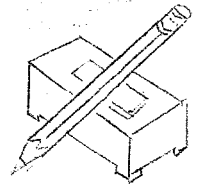
Suze Sunshine

Yester Year 10

Way to Back When



FROM THE PRESIDENT'S DESK



Fellow Rockhounds:

Our 21st Annual Show is now history. I personally thought it was one of our better shows. Our attendance was not the highest, but good. Displays were outstanding. We did have a number of displays from out of town which I am grateful for, thanks a lot! I hope our members will now display at some of the out of town shows.

I want to thank all the members who helped to set up and tear down our show. I thought it was a smooth operation.

Many favorable comments were made in regard to our working shop, it was well set up and maintained. Thanks Roger and Frank and to all who worked there. Say, Hazel, where did you come up with all of those open displays? That was the most ever, many of them were outstanding. Our competitive sector was down, but the displays there were very good. Had many favorable comments on the dealers, some of them have some outstanding materials. I have been informed that they all would like to return in 1980 and in the future. Thanks Jim.

Thanks to Roberts and those who worked for them on ticket sales; to Mr. and Mrs. Quinn for the sale of raffle tickets, to the Reuters for the management of the silent auction, also thanks to Jim Marburger for the programs. Thanks to Florence for the arrangements on the awards breakfast. It was enjoyed by all who joined us. Thanks to the printers, typist and anyone else I might have forgotten. One nice event was the fact that we got to see some faces we have not seen for a few years, most of those were past members, it was sure nice they could join us. I enjoyed the coffee and cake Saturday nite, was a nice treat. Thanks to Sylvia and her crew. Our advertisement was well covered. Publicity did an excellent job. Thanks Vera. Now to the Show Chairman, he was picked by the board of our club. Well Glen it came off in great fashion. Thanks for a job well done. Now to special features, we had a nice variety of those. Wire Twisting, Silversmithing, Sand Bottles, Scrimshaw, Bead Making, and Bev's Creations, and then to the Fantastic Amber Display. Thanks Marie for all of these.

The billing of Fantastic Amber Display was just that, what an outstanding array of jewelry. Thanks to Arijs Liepins for his time and effort to get this material all together. Thanks to all the Latvian families that made this display for us possible. It was greatly enjoyed by all who saw it. Another thanks to Arijs for the slide program on Latvian Jewelry. To those of us who didn't see it, maybe we can have him present it at a club meeting.

For the very last, thanks to all members who displayed and worked, as I said in the beginning it was a good show.

Please watch your bulletin for upcoming events.

Howard

From the editor's desk...What a fine show we had this year! Our show chairman and his committees are to be congratulated. Putting on a show of this kind requires a lot of planning and a lot of work. Now that our 1979 show is over, we'll be looking forward to our 25th Anniversary and the 1980 National Show. It will be a busy year for LGMC members..

COMPETITION AWARDS

- Best of Educational.....Don Gless
- Best of Fossils.....Don Gless
- Best of Minerals.....Hazel Greenwade
- Best of Lapidary.....Lois Everett
- Best of Personaly Collected Mineral....Hazel Greenwade
- Best of Show.....Don Gless
- Best Open Display.....Myrtle Young

Judges:

- Minerals...Steven and Hazel Tarcza
- Fossils....Roger Pabian
- Educational.Roger Pabian
- Lapidary...Don Carter

Raffle Winners

- First Prize, An RCA television set, Jimmy Archuleta
- Second Prize, Dermel Tool, Edward Ridge

SPRING FORTH

- Regiments of tulips standing at attention - R. Church
 - Rain weeping down a window's glass cheek - Farm Journal
 - Daffodils tying on their yellow sunbonnets - Kate Ownby
- via Reader's Digest



We learn with deep regret of the death of G. W. (Mac) McKinney who served Lincoln Gem and Mineral Club in several capacities, one of which was President in 1969. Their many friends in L G M C and thruout Lincoln wish to express their sincere sympathy to Letha and family.

HIGHLIGHTS from Helena

First, the Olsons:

Mrs. Olga Olson, Ceresco; saw her at Hinky Dinky's in March for a little visit. She had serious surgery this winter, but is making good recovery, and we were happy to see her and Mr. Olson at the Show last month.

Joella and Bud Olson, are back from a beautiful and enjoyable winter in Texas. Lucky people! Sounds like they will be off again soon-- where next? Enjoy, enjoy!

Sorry to hear that former LG&M Pres. Gordon McKinney passed away in Missouri on March 30th. He had recently retired.

The Pfeiffers left April 5 for Denver where Mildred will attend the 50th anniv. of her sorority, Alpha Xi Delta. So glad her second knee operation went well, enabling her to get around-- and get around they do!

Called the Greenwade res. Hazel has been ill ever since the show-- was in bed with bronchitis Tues. eve. the 3rd, when I talked with Paul. Those things do hang on. Get well, Hazel.

Florence Boring and five other Lincoln teachers left Tuesday morning the 4th for Atlanta, Ga., to attend the National Congress for Aerospace Education. They went by military airlift, C-130 Cargo Plane. How thrilling.

Hear that Larry Bigley was in a collision coming home from Chadron recently, and his truck about a total loss. No personal injuries, fortunately, I believe.

The J. D. Youngs went to Ames, Iowa, Mar. 30 & 31; spent the nights on campus. Their elder son, has been on tour with the Guthrie Theatre Group of Minneapolis, Ames being the final appearance of the players, where they gave a Russian comedy "Marriage" by Playwright Nicolai Gogol, at the C. Y. Stephens auditorium. Don Fallbeck (his stage name) had a part in said play. They came home Sunday in that beautiful, feathery, April Fool's snowstorm.

We're told that Luella Paul is feeling much better, and is in good spirits. Hope to see her at the meetings again soon. Cheers, Luella!

I liked our Show, especially the magnificent display of amber by our Latvian citizens. Went back time and again to drool over that stuff. There were some lovely open displays, too, and I was flattered that the Young's great grandson was completely enamored of my ceramic field rabbit and stone eggs.

The Howard Taylors again entertained all show dealers and their helpers evening of the 24th at their home, for a super-slumgumptious (I coined that) supper. About 40 attended. That's some undertaking! Wish I were a dealer. They also had a house guest, Mary Wareham, of Hastings, formerly North Platte.

Your news scrounger had to go to lapidary classes alone the past couple of weeks-- pal Adeline has been fighting head cold, chest congestion, and all accompanying ills thereto. Some sunny weather might help a lot of folks with colds, arthritis, &c.

Now, until next time--

Helena

1979SHOW HIGHLIGHTS

IGMC's 21st annual gem and mineral show was one of the best. The weather was favorable, attendance was unusually high, the dealers had new and unusually desirable material for sale, and the special features and displays were of exceptional quality. Everyone seemed to enjoy the fellowship that is always associated with this event. It is always such a pleasure to meet friends from other clubs who come to display and help us make a success of our show.

Some of the displays that were exceptionally admired by this writer are as follows:

Charoite - the beautiful new find from northern Siberia. Such a lovely stone-mottled shades of purple and lavender-some having black inclusions, and the beautiful vases and other items created from it. Only two other exhibits of it have been made in the U.S.

The Latvian Amber Display - Interesting design, beautifully displayed. First showing to Rockhounds.

Union Road Agates from Missouri as beautiful as Fairburns.

The HUGE amethyst lined geodes from Mexico.

The Intarsia displayed by Lentz Lapidary-looked just like a painting with third demensional effect. Was made in Italy in either late 17's or early 18's.

Carvings in Green-Artistic, beautiful.

The very creative dioramas by Mrs. Herbert Geary - Snow White and the Seven Dwarfs - the dwarfs created from horn coral - how clever!
The Three Pigs - carved rose quartz.
The Three Bears - all with fitting backgrounds.

A.O.Henry's paintings on rocks. The pet rock was very appealing.

Luscious jade fruit displayed by Don Carter.

Beautiful display of limb casts by Howard Taylor.

The very artistic case of Neihardt memorabilia..

The case of rose-colored stones so artistically displayed by Myrtle and Julius Young. Of special interest was the catinite. Only Indians are permitted to collect it. Mr. Young was fortunate to find it laying in the road.

Ancient woods displayed by Norman Balliet.

The mammoth Dryhead Agate exhibited by Tom and Carolyn Simmons.

The huge cluster of selenite crystals from Mexico shown by the Reuters..

FORCE -- ENERGY -- WORK -- POWER -- PRESSURE

-by J.D. Young

The title may seem to readers, not familiar with physical sciences, to be a physicist's dream. I hope this does not prove too irrelevant for rock-hounds' interests, but I do think that some understanding of these terms may be worthwhile to many.

Having put aside my educational chalk, and other instruments of student torture 15 years ago, to begin retirement, I am not the best informed authority in this increasingly complex scientific world, but I do try to keep up. These ideas, however, are not new. They are simply old basics.

Several of my fine, former students now are or have been, active members of L.G.M.C. ranging from a Club President several years ago to some present committee and board members, as well as exhibitors. I hope they remember all of this favorably.

I may repeat some items from my January, 1979 Pick and Shovel article in connection with three fundamental units of physical measure, length, mass, and time. In our common English system (f p s) they are the foot, pound and second; in the metric system (c g s) they are centimeter, gram and second; or their multiples or divisions. There are also "gravitational" and "absolute" unit distinctions, important only to scientists.

FORCE, that which changes the state of rest or motion of matter (material). It may be thought of as push or pull, and may be measured in pounds (fps) or in grams (cgs). This requires only one of the three fundamental units of either system of measure.

ENERGY involves both force and distance an object is to be moved. For example, a foot-pound of energy would be needed to lift a one-pound object one foot, or a gram-centimeter of energy would lift a one-gram object one centimeter against the force of standard gravitational attraction. Each energy unit may be regarded as being capable of doing a similar or equal number of units of WORK, assuming 100% efficiency. They are measured in the same units of force and distance, two of three fundamental units.

POWER is the time rate of doing work, or expenditure of energy, and its measurement requires the use of all of the three fundamentals, length, mass and time, or distance, mass (weight) and time. For example, one H.P. (horsepower) could lift 550 pounds one foot high in one second, or 33,000 pounds one foot high in one minute. I do not know exactly how this figure was first determined, but it was a long time ago. Horses vary in power, as we all know; and that goes for humans too. The watt is the electrical unit of power, one ampere at one volt of electric pressure. Electric energy is measured in kilowatt hours.

PRESSURE is force per unit area. For example, pounds per square inch, and related units. Atmospheric or barometric pressure units are all related directly or indirectly to this definition.

P.S. We are all under pressure to conserve energy. That involves a different definition of pressure. I hope force will not be needed to get the work done. Power to us all! (more definitions!)

PCTPOURI

POST OFFICE INFORMATION: All state abbreviations are now just 2 letters. All mail that does not have these new abbreviations will be removed to sort by hand, thus delaying your mail.

- Alabama.....AL
- Alaska.....Ak
- Arizona.....Az
- Arkansas.....Ar
- California...Ca
- Colorado.....Co
- Connecticut..Ct
- Delaware.....De
- Florida.....Fl
- Georgia.....Ga
- Hawaii.....Hi
- Idaho.....Id
- Illinois.....Il
- Indiana.....In
- Iowa.....Ia
- Kansas.....Ks
- Kentucky.....Ky
- Louisiana.....La
- Maine.....Me
- Maryland.....Md
- Massachusetts..Ma
- Michigan.....Mi
- Minnesota.....Mn
- Mississippi...Ms
- Missouri.....Mo
- Montana.....Mt
- Nebraska.....Ne
- Nevada.....Nv
- New Hampshire..NH
- New Jersey....NJ
- New Mexico....NM
- New York.....Ny
- N. Carolina...NC
- N..Dakota.....ND
- Ohio.....Oh
- Oklahoma.....Ok
- Oregon.....Or
- Pennsylvania..Pa
- Rhode Island..RI
- S. Carolina...SC
- S. Dakota....SD
- Tennessee.....Tn
- Texas.....Tx
- Utah.....Ut
- Vermont.....Vt
- Virginia.....Va
- West Virginia..WV
- Wisconsin....Wi
- Wyoming.....Wy

U.S. Territories are: District of Columbia...DC Guam.....Gu
Puerto Rico.....PR Virgin Islands..VI

Write or print on 3 lines only if at all possible. Example:

Joe Blow
1111 Some Street
Anywhere, Ca. 94500

This has appeared in several bulletins. It may help us.

via Solano Chieftain

Handy Hint via Loup Scoop...If you use an oil base coolant in your saw and have trouble with misting while in operation, try adding about one pint of one of the new synthetic motor oils (polymer base) to the coolant. We have tried this and virtually eliminated the misting.

Tax Bites:

Man, gloomily working at his desk, to wife: "You're all I have left after taxes."

Lichty

IRS official to employer: "Take me to your ledger!"

Little boy to friend: "I'd run away from home, but my dad needs me as a tax deduction."

via Reader's Digest

NATIONAL GEM & MINERAL SHOW
June 12 - 15, 1980

FACT SHEET

Who can host a National Gem and Mineral Show?

Any gem and mineral club that is a member of one of the six regional federations that comprise the American Federation of Mineralogical Societies. Lincoln Gem and Mineral Club is affiliated with the Midwest Federation of Mineralogical Societies.

Why was Lincoln Gem and Mineral Club chosen to host the 1980 national show?

At the 1976 Midwest Federation meeting in St. Louis, another midwest city was chosen. In early 1978, it became apparent that the facilities would be inadequate for a national show. Thus, the show site was moved.

Who selects the site for a national show?

Selection is made by a convention of delegates from every club associated with a regional federation. The selection is made at the annual convention of the regional federation. Every sixth year a regional federation becomes eligible to host a national show. The selection must be made at a minimum of two years preceding the date of the national show.

Who is chairman for the 1980 national show?

Howard Taylor, 910 New Hampshire St., Lincoln, Nebraska. Mailing address: P. O. Box 5342, Lincoln, Nebraska 68505. Phone: (402) 432-3707

How many persons are expected to attend the show?

When Lincoln hosted the 1974 National Gem and Mineral Show, over 40,000 people passed through the gates. Many of these were exhibitors or people having 4-day passes. Registration records from hotels, motels, and camp grounds indicate that about 14,000 people visited Lincoln for the 1974 show. We now anticipate about 20,000 visitors for the 1980 show.

Are rising transportation costs, especially fuel, expected to curtail attendance?

Not really. Increased travel costs, coupled with inflation, are creating the effect of large shows becoming larger, and small shows becoming smaller. The local shows are not dying out, but much greater pressure is put on the host clubs to draw most of their exhibits from nearby membership and most of their attendance from local populace rather than from numerous hobbyists who once traveled great distances to attend many shows per year.

How many exhibits are expected?

We anticipate about 500 displays divided about evenly between competitive and non competitive exhibits. This is only about 70 percent the total of exhibits that were seen at the 1974 national show in Lincoln. The Nebraska State Show was hosted in conjunction with the national show in 1974; the state show will not be part of the national show in 1980.

Will there be something to compensate for the fewer total exhibits?

Yes! This additional space will be relegated to ten extra retail dealers in the main show arena. Additional working demonstrations will also occupy some of the space.

From where will most of the exhibitors come?

All fifty states, Canada, and other countries throughout the world. We are working toward some spectacular displays that will be furnished by foreign governments. There will be additional news releases as these features are contracted.

continued

1980 NATIONAL GEM & MINERAL SHOW - Fact Sheet (continued)

What types of displays will there be in addition to individual exhibits?

Various natural history and art museums are frequent participants in the regional and national shows. For instance, the mineralogical curator of a well known Natural History Museum has already requested space for that museum's traveling display. Displays from government agencies such as NASA, various universities, and other educational institutions are expected.

What is the difference between competitive and non-competitive exhibitors which were mentioned earlier?

Non-competitive exhibitors show for the love of showing. Competitive exhibitors vie for regional and national trophies in such areas as lapidary, mineralogy, and paleontology.

How does an exhibitor win a national trophy?

First, the exhibitor must earn his national trophy certification. This is done by scoring more than 90 points in the masters level of competition at one of the six regional shows in the country. If the exhibitor has not yet earned his national trophy certification at a regional show, he may enter in regional competition at Lincoln. Such displays are part of the Midwest Federation competition during the entire show. Those exhibits earning over 90 points as a master are advanced to national trophy competition automatically. There are 24 classes in which national trophies can be won, including the junior divisions.

How many dealers will there be at the show? Where do they come from?

Sixty retail dealers will be contracted for the show. They will represent every region of the United States and possibly several other countries. Forty wholesale dealers will be contracted.

What can the consumer buy at a gem and mineral show that differs greatly from the stock handled by locally owned jewelry stores?

Gem and mineral shows are geared for the hobbyist. If I were looking for an engagement ring, I would go to a jewelry store downtown. If I were looking for a piece of rough sapphire to facet, I would go to a gem show. One can buy finished jewelry at a show but many of the dealers carry specialty and novelty items that are not handled by most jewelry stores.

The non-hobbyist making a first visit to a gem show would probably be much impressed with the amount of rough gem materials available, especially the quartz family gems such as jasper and agate that is easily worked up into exceptionally fine jewelry on home gem cutting machines. The viewer would see many of the rare and unusual gems such as benitoite, andalusite, etc., materials that are not commonly carried by jewelry houses. Such geological phenomena as mineral specimens, fossils, etc. are available. There would also be a great deal of equipment and supplies for such things as jewelry making and mineral prospecting.

Who are some famous people that are involved in the rock hobby?

Roy Rogers and Dale Evans of western movie fame; Roger Williams, the pianist; and Gene Rodenberry, the creator of television's "Star Trek" are amongst famous people who pursue the rock hobby.

Will any of these people have displays at Lincoln?

I don't know. I hope so.

What is the disposition of the proceeds of the National Show?

Fifty percent of the net profit remains with the host club; 25 percent goes to the regional federation and 25 percent to the American Federation.

continued

1980 NATIONAL SHOW - Fact Sheet (continued)

What is done with the proceeds?

At the local level, the Lincoln Gem and Mineral Club supports graduate research in the earth sciences at the University of Nebraska-Lincoln. Two such scholarships are given annually. The money comes from interest earned on certificates purchased from 1974 show profits. Lincoln Gem and Mineral Club has also purchased geological specimens for the University of Nebraska State Museum and has helped the Conservation and Survey Division of the University of Nebraska to publish geological field trip guides. Lincoln Gem and Mineral Club also has provided educational materials for use in the Lincoln Public Schools and other schools in the Lancaster County area. The Lincoln Gem and Mineral Club has aided in purchasing films for the Lincoln City Library. The club maintains a reference library for the use of its members. The regional federations provide educational materials for their member clubs. For example, the Midwest Federation has some 125 slide programs covering all aspects of the rock hobby and geological sciences; these are available to member clubs at no charge. Member clubs may show the programs to various school, scout, and community groups as well as their own membership. The American Federation supports a very large scholarship program for the graduate students in any of the earth sciences. These are administered through many of the nation's largest universities.

How will the news media receive further information on the 1980 national show?

Official news releases will come from the show's publicity director only! This includes releases dealing with show policy, exhibits, dealers, programs, features, etc. Once a particular exhibit, feature, lecture, etc. is contracted for the show, the press is encouraged to utilize any news stories of that particular item. The publicity division of the 1980 show will attempt to furnish the media with photographs, story material, and other pertinent data. Anytime prior to or during the show, the media will be encouraged to contact and interview contracted show participants. The publicity division will aid the media in securing such interviews.

Who is publicity director?

Roger K. Pabian, 315 D Street, Lincoln, NE 68502, Phone (402) 472-3471

Prepared & presented by

Roger K. Pabian

MEMORIAL WEEK END FIELD TRIP - Field Trip Chairman Frank Rule

Leave Lincoln May 26, 1979 and return May 28, 1979.

Destination - Flemington, Missouri by 3:30 Saturday for a short rock hunt.
Meet at Dian's Rock Shop, Kountry Korner, Route 1, Box 339, Flemington, Mo. 65650.
Camping is available there or at a nearby State Park.

On Sunday - meet at 8 A.M. to head for the rock locations.

Monday - hunt awhile and head for home.

Hope to find Mozarkite, quartz crystals, etc.

Arrangements by Frank Rule with much help from some Omaha Club Members.

THE AMERICAN FEDERATION
CODE OF ETHICS

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

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

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

I will use no firearms or blasting material in collecting areas.

I will cause no wilful damage to property of any kind--fences, signs, buildings, etc.

I will leave all gates as found.

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

I will discard no burning material--matches, cigarettes, etc.

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

I will not contaminate wells, creeks, or other water supply.

I will cause no wilful 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 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.

Midwest Federations NEWSLETTER

Published monthly except July and August as a service to member clubs. All news, articles, subscription orders and requests for information should be sent to the Editor, Haydon Peterson, Parrot Printing, 2125 Forest Ave., Des Moines, Iowa 50311



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April 1979 - Issue No. 194

SPRING EXECUTIVE MEETING

The spring meeting of the Midwest Executive Committee will be held in Elmhurst, Ill. on Sat. April 7 at Elmhurst College. The Executive Committee has been invited to visit the West Suburban Lapidary Club show at Elmhurst College April 7-8.

20 CLUBS ADVANCE SCHOLARSHIP STANDING

By Katharine Steinbrenner, Scholarship Chairman

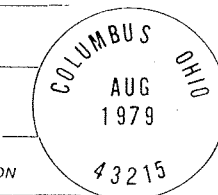
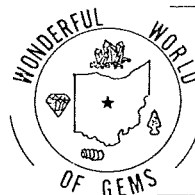
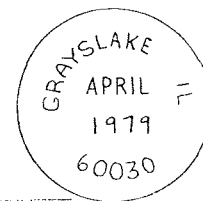
Since the last Scholarship Report in this Newsletter 32 clubs have sent contributions amounting to over \$1700.00 for the American Federation Scholarship Foundation. As a result of their generosity 20 of our clubs have advanced their Scholarship Status as follows:

Brookings Area Gem & Mineral Society	400%
Peru Rock & Mineral Club	3000%
Lawrence County Rock Club	1500%
Stonelick Valley Gem & Mineral Society	200%
McDonnel-Douglas Gem & Mineral Soc.	500%
Wild Cat Geological Society	1000%
Three Rivers Gem & Min. Society	1000%
Esconi	400%
Heart of Wisconsin Gem. & Min. Society	1100%
Midwest Mineralogical & Lapidary Soc.	1200%
Coulee Rock Club	400%
White River Gem Society	900%
Peoria Academy of Science	100%
Huron Hills Lapidary & Mineral Soc.	900%
Missouri Valley Gem & Mineral Society	400%
Rock River Valley Rockhounds	200%
Illowa Gem & Mineral Society	1200%
Blue Ridge Gem & Mineral Club	1000%
Hawkeye Gem & Mineral Club	1100%
Pike County Gem and Mineral Society	900%

The Scholarship Foundation wishes to express appreciation to all of the Midwest clubs that are so generous in their support of such a worthwhile project. This generosity earned for the Midwest a 500% Plaque. It will be officially presented at the Council Meeting in Columbus, Ohio during the Midwest Show and Convention, Aug. 2 - 5.

★ **THIS IS YOUR LAND** ★
KEEP IT CLEAN

POSTAL SERVICE O.K.'s SPECIAL CANCELLATIONS FOR TWO MIDWEST SHOWS



The Postal Service, realizing the popularity and monetary value of special cancellations, has o.k.'d two such cancellations at Midwest shows this spring and summer.

The Lake County Gem and Mineral Society of Illinois will have a special cancellation at their 14th annual "Wonderland of Gems and Minerals" show April 26 - 29, at the Lake County Fairgrounds. Other philatelic items will be available at the same time according to Grayslake Postmaster Ernest Plotz. In addition to the cancellation a cacheted envelope designed by member James Zradicka will be sold.

The Postal Service has approved another special cancellation that will be applied during the 1979 Midwest Federation of Mineralogical and Geological Societies Show and Convention in Columbus, Ohio August 2-5. The Federation has received notice from John J. Kelliher, Manager of the Retail Branch of Customer Relations Division of the Central Region of the U. S. Postal Service that also, at the show and convention "Wonderful World of Gems", a complete merchandise line including mint sets, stamp collecting kits, the current "Stamps and Stories" book, and all current commemorative and regular issue stamps should be available for sale.

Drawings for these two cancellations, and the one used at the Cedar Rapids, Iowa show last summer were from original drawings by artist Jane Machak, Grayslake, Ill.

MORE GOOD PROGRAM NEWS

Our Library Program Chairman, Donald Stinnett, is still swapping slide programs with the Northwest Federation. Three new slide programs have been added to the Midwest library. "Thunderegs and Agates" (90 slides); "Crystals and Minerals" (91) slides; and "Field Trip to Last Chance Canyon" (72 slides).

These programs are available for immediate booking by clubs. And, remember, there is no charge for program use. Send your request to E. Donald Stinnett, 29462 Aspen Drive, Flat Rock, Mich. 48134.

3 CLUBS COMBINE FOR FOSSIL EXPOSITION

Three Midwest Clubs, Mid America Paleontology Society, Eastern Missouri Society of Paleo., Earth Science Club of Northern Illinois, have combined to present the National Fossil Exposition March 31-April 1. Exposition will be at Tanner Hall, Western Illinois University, Macomb, Illinois. Write Don Good, 410 N.W. 3rd St., Aledo, Illinois, for more information.

1,000 RV SPACES AVAILABLE

There will be plenty of space for RV's at the AFMS National Show in Tampa, Florida, July 12-15.

Henry Bonar, Show Chairman, says 1000 spaces are available with full hookups, electric, water and sewer. And if more room is needed additional spaces can be added. All spaces rent for \$5.00

On with the shows!

By Haydon Peterson

Once again it is time for all of us to start seriously planning the rock and mineral shows we plan to attend during 1979. Planning is really a good idea as you will want to make hotel, motel, or camping reservations to assure yourself of accommodations when you arrive at your show destination. Also to make reservations for the banquets, editor breakfasts and other luncheons, dinners and special events that include field trips at some shows. Many of these activities have limited space and when it is filled you will miss out if you don't plan ahead.

The American Federation with its six Regional Federations provides an opportunity for nearly every rock, mineral and fossil collector to attend a major regional show within a reasonable distance from their home.

May opens the Regional show season in 1979 as the South Central Federation presents its show May 18 - 20 in the Civic Center, Abilene, Texas. It is hosted by the Central Texas Gem and Mineral Society. For further information write to Harry Elliott, Jr., 4th Floor, First State Bank Bldg., Abilene, Texas 79602.

The second Regional show of 1979 will be in Rapid City, S.D. opening June 8 and continuing through June 10. This is the Rocky Mountain show, with the host, The Black Hills Mineral Society and is titled "The Black Hills Gold Rush" show. It will be held in the Rushmore Plaza Civic Center, Show Chairman is Wayne Olson, Box 9, Keystone Rt., Rapid City, S.D.

The show activity moves to California for 1979's third Regional later in June. "Fantasy'in Jade" opens June 22 in Sacramento and continues through June 24 at the Cal-Expo Bldgs. A-B-C. Host for this California Federation show is the Sacramento Mineral Society. Show Chairman is R. G. Hendrix, 5401 Henderson Rd., Sacramento, Calif. 95838.

July brings the American Federations annual national show in combination with the Eastern Federation in Tampa, Florida. Dates are July 12 - 15 and it will be held at the huge 275 acre Tampa Fairgrounds. It is hosted by the Tampa Bay Mineral and Science Club and show chairman is Henry Bonar, P.O. Box 11297, Tampa, Florida 33680.

Then in August the Regional show spotlight is on the Midwest Federation as they present their show in Columbus, Ohio at Veterans Memorial in downtown Columbus. "Wonderful World of Gems '79" is the title given this show for its four day run, Aug. 2-5. Show Chairman is Carlton Davis, 2452 Buckley Rd., Columbus, Ohio 43220.

The Northwest Federation closes the 1979 Regional show season with their show in Kennewick, Washington, Sept. 1 - 3. For this Labor Day weekend show they have titled it "Heavenly Gems". Host at this show is the Horse Heaven Gem and Mineral Societies. Show Chairman is Sid Foreman, 114 N. Olympia, Kennewick, Washington 99336.

So, there you have it. Six great Regional shows for you to enjoy. Attend as many as you can. All show chairman are working with dozens of club members and others, planning top quality exhibits, many special events, bringing in dealers from all over the country, to make these shows the finest you've ever attended.

What is your definition of a good federation club?

Would you like a little contest? Then let's have one!
Write your definition of a GOOD FEDERATION CLUB
. . . .100 words or less.
Below your definition write your name, and address,
the name of your club and you Region.

Then mail your entry to me at the address below.
THE DEADLINE IS JUNE 1, 1979. The postmark will control.
Entries will be numbered as they are received and all entries will be submitted to a panel of six Federation judges. The judges will not know the names on any entry.
There will be some awards and lots of publicity!
Mail your entry before June 1, 1979 to: **LaDocia Ellis, AFMS Education Chairman, 1350 Bidwell Ave. Chico, California, 95926.**

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Read your bulletin to spot *new materials* or *specials* of the above advertisers.

Advertising by a rock-hobby business or interest is permitted with approval of the Board, at a rate now set at \$10.50 per full page per insertion, paid in advance. 1/2 page \$5.25, 1/3 page \$3.50, 1/4 page \$2.75 (min). These ads will be placed throughout the bulletin as space permits.

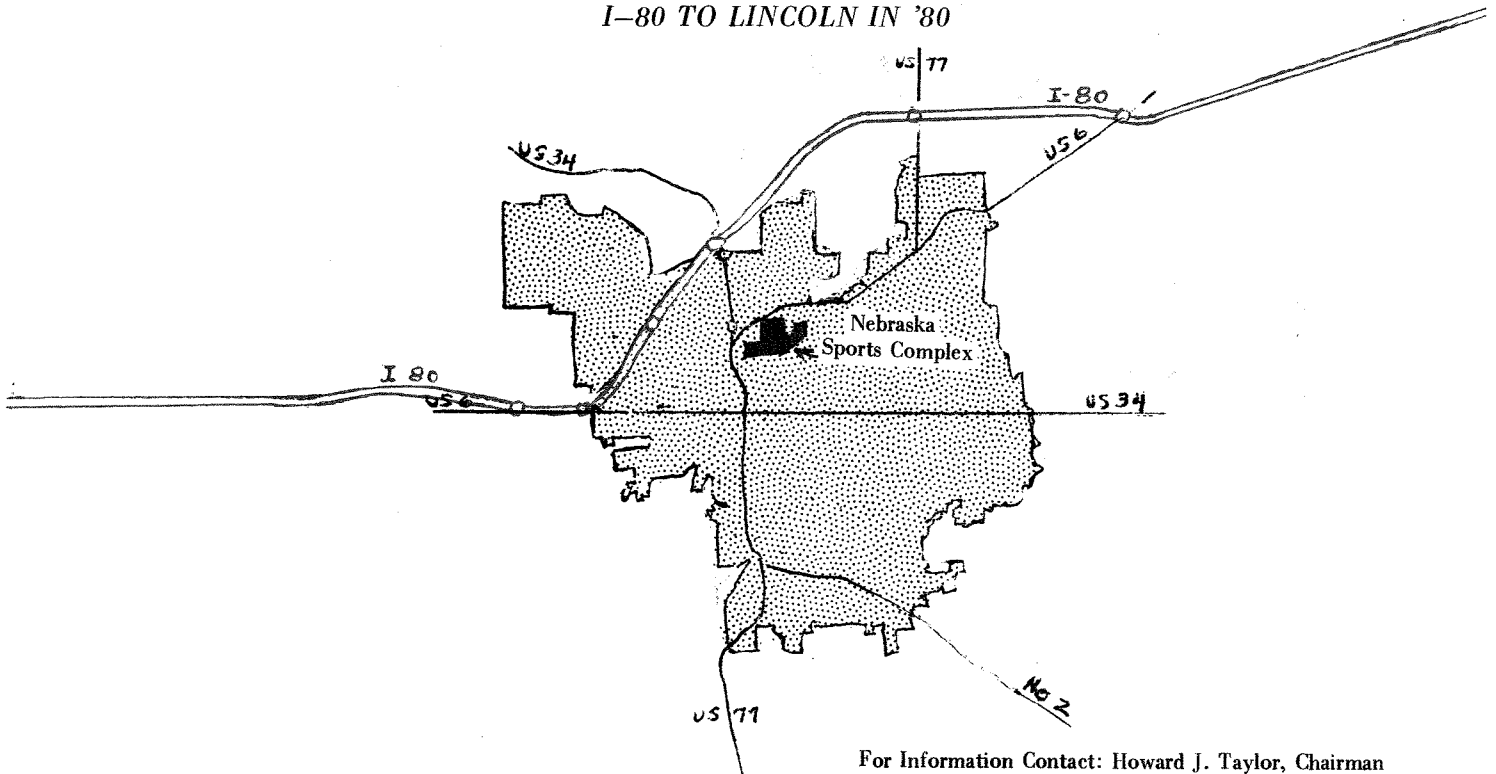
Subscriptions to THE PICK & SHOVEL are \$3.00 per year mailed.

Dues to LINCOLN GEM & MINERAL CLUB are as follows:

Adult membership fee \$4.00 (age 16 and over)
Junior membership fee \$1.00 (age 12-16)
Family membership fee \$9.00 (husband, wife and all children under 16 - permanent residents of household)

New membership must be approved by the Board, after applicant attends at least one (1) regular meeting of the club, and pay the above dues plus \$1.00 registration fee.

H O S T T O
NATIONAL GEM AND MINERAL SHOW, June 12-15, 1980
I-80 TO LINCOLN IN '80



For Information Contact: Howard J. Taylor, Chairman
910 New Hampshire St.
Lincoln, Nebraska 68508
Phone: (402) 432-3707

Lincoln Gem & Mineral Club
Box 5342
Lincoln, Nebraska 68505



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