

# THE PICK & SHOVEL

September

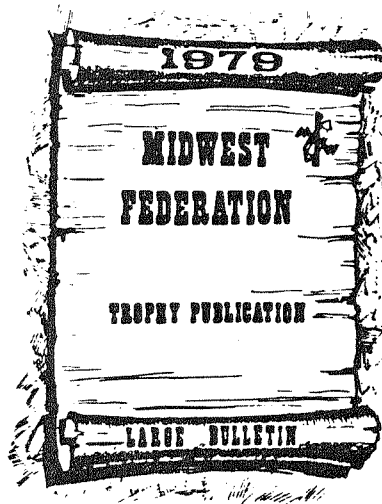
1981

*highlights*

*in  
this issue...*

DELEGATE'S REPORT ON  
MIDWEST FEDERATION SHOW -  
SOUTH BEND, INDIANA

by Susan Taylor



OFFICIAL PUBLICATION OF

Lincoln Gem and Mineral Club, Inc.

P. O. Box 5342

Lincoln, Nebraska 68505

LINCOLN GEM AND MINERAL CLUB, INC.  
P.O. BOX 5342, Lincoln, NE. 68505

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

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

Regular Meetings: 4th Saturday of the month, September thru May; 7:30 P.M.  
At Nebraska Center, 33rd & Holdrege

1981 ELECTED OFFICERS:

President.....	Roger Pabian	315 'D' St.	Lincoln, 68502	474-2034
1st Vice Pres...	Irl Everett	2945 N. 65th St.	Lincoln, 68507	466-6204
2nd Vice Pres...	Howard Taylor, Jr.	910 New Hampshire	Lincoln, 68508	476-3707
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Treasurer.....	Phyllis Parks	2435 S. 19th St.	Lincoln, 68502	476-6798
Board Member...	Ray Lambert	1201 N. 79th St.	Lincoln, 68505	464-8552
Board Member...	Virginia Green	6120 The Knolls	Lincoln, 68512	423-5032
Board Member...	Lois Everett	2945 N. 65th St.	Lincoln, 68507	466-6204
Board Member...	Florence Boring	2836 S. 40th St.	Lincoln, 68506	488-6243

Nominating Committee--3 years: Marie Taylor, Jim Parks  
2 years: Bob Walker, Irl Everett  
1 year: Wilfrid Wittman, Edwin Johnson

STANDING COMMITTEE CHAIRPEOPLE:

Programs.....	Howard Taylor	1981 Show.....	Howard J. Taylor, Jr.
Education.....	Ray Lambert	Liaison/Calling.....	Marie Taylor
Hospitality.....	Bob & Mary Walker	Refreshments/Party...	Marj Heedick
Historian.....	John & Lillie Lewis	Scholarships.....	Howard Taylor
Librarian.....	Jim Parks	Outside Displays.....	Frank Rule
Membership.....	Mary Lambert	Housing/Property.....	Bruce Simon
Field Trips/Safety..	Walt McCoy	Publications.....	Glen & Flossie Litzenberg
Sunshine Corner....	Susan Taylor	Junior Activities.....	Mary Walker
NAOESCI Reporter...	Vera Lyman	Auditing Comm.1980....	Howard Taylor, Vera Lyman, Florence Boring

LONG RANGE PLANNING AND BY LAWS COMMITTEE:

1 year-Nelda Oliver, John Harrison      2 years-Jim Parks, Phyllis Parks  
3 years-Howard Taylor, Marie Taylor

PICK & SHOVEL STAFF:

Chairman: Glen Litzenberg

Editor.....Vera Lyman, 420 N. 56th St. Lincoln, NE 68504  
Club News.....Helena Baegl  
Sunshine.....Susan Taylor  
Circulation...Glen & Flossie Litzenberg

DEADLINE: 1st of Month of Issue. Original articles may be reprinted if credit is given the author and THE PICK & SHOVEL and a copy of the publication is sent to the Editor.

CALENDAR

General Meeting:      Saturday, September 26, 1981      7:30 PM  
Nebr. Center for Continuing Education  
33rd & Holdrege      Lincoln, NE  
Norfolk Room

Parking available north of building

Regular business meeting beginning  
at 7:30 P.M. followed by a special  
program:

"Autumn In New England"  
(Slides of the brilliant fall foliage  
and some of the geology and history  
of the region.)  
presented by Florence Boring

Board Meeting:      Thursday, October 1, 1981      7:30 P.M.  
5700 Otoe St.      (Nelda Oliver home)

Jr. Activities Meeting:  
Friday, September 18, 1981      7:00 - 8:00 P.M.  
822 LaBrea Av. - Walker home.

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Area Show:      Arbor Valley Gem & Mineral Club  
September 26 & 27, 1981  
Nebraska City, Nebraska

\* \* \* \* \*

ANNUAL CLUB SHOW:      Lincoln Gem & Mineral Club  
March 27 & 28, 1982  
Agricultural Hall, State Fairgrounds  
Lincoln, Nebraska

Watch for further information in future issues of the  
Pick & Shovel.

Special invitation in this issue for the Arbor Valley  
Gem & Mineral Club Show.

\* \* \* \* \*



Give a Hoot!  
Don't Pollute!

DO YOUR SHARE IN KEEPING  
AMERICA BEAUTIFUL!      KEEP  
IT LITTER-FREE!

HISTORY - "Ten and Twenty Years Ago"

September 1971 . . . Our Program was "Vacationland Utah" and was presented by two of our Life members - Mr. & Mrs. Maurice Tracy. We had election of the Nominating Committee. Refreshments were served by Edith & Bill Holdorf, Fern & Bruce Simon, Phyllis & Jim Parks, Bob & Nelda Oliver. John Lewis was conducting Gem-cutting classes at the City Recreation Department.



September 1961 . . . It seems like we moved again! This move was to Hollywood Bowl. The meeting was called "Bragging Nite". All the plans were finished in the big Show to be held in Oct. There were 8 dealers chosen for that Show. (Note by Irl) (Out of the 8 dealers, there are still 3 active ones - Ebersoles, Ken's Minerals & Everett Lapidary Shop)

\* \* \* \* \*

HELLO FROM THE SUNSHINE CORNER:

Friendship is never limited by distance or by time. It can reach around the world . . . and last forever.

Seems like everyone has enjoyed the summer. Get Well cards were sent to Janet Kehling, Ollie Wittman and Rosalie Ulrich. A sympathy card was sent to Doraleah Hyland expressing the sympathy of the Club on the passing away of her husband, Farel Hyland.



If I've missed anyone it's because I wasn't told. If anyone hears of any illnesses, etc., let me know.

- Suze Sunshine

### THE PRESIDENT'S MESSAGE

The State Show at Omaha has come and gone. Hats off to Bob York and the Omaha club for a job stylishly done. There were many good dealers and exhibits. A delegates report from the NAOESCI meeting will be forthcoming in the October bulletin. Representation from LG&MC was up 300% from last year. Attending were Howard, Marie, Jim and Susan Taylor; Janet Kehling; Glenn and Vera Lyman; Bruce and Fern Simon; Frank and Tom Rule; Eddie Ridge; Ray, Mary, and Lori Lambert; John and Phil Abel, H. S. and Grace Carson; Irl and Lois Everett; Jim, Phyllis, and Linda Parks; Paul and Beverly Rueter; and yours truly, for a total of 27. I hope that our membership will lend such enthusiastic support to the other local and regional shows. (See Howard Taylor's note on top of page 7.)

Many of the members have asked questions about how to polish slabs, nodules, and specimens. A rapid way to handle these items is to attach motor arbor directly to the shaft of a motor of 1/3 horse power or better. There is no power loss because of belts and pulleys. The sanding drum can be attached to the motor. Grind any burrs on the specimen with the conventional grinder. I sand with 100, 220, and 320 grits (a prepolish should appear on the last sand). After sanding, the drum can be fitted with a hard leather belt, and tin oxide is used as a compound. The slurry on the belt should be kept just between real damp and slightly wet. I did 300 large **thunder** eggs in 4 evenings with the above system.

Phil and Joni Andrist, dealers from Bandon, Oregon, utilize new 100 and old 100 grit in the above system. From the old 100, they go directly to polishing by using tripoli on canvas pads or convex disks.

In both systems, high speed motors (3000 or more rpm) work very well, although a standard (1725 rpm) motor does quite well too. Always remember to have the motors properly connected and grounded, as the last operation is always wet and the first sand can be wet at the discretion of the cutter.

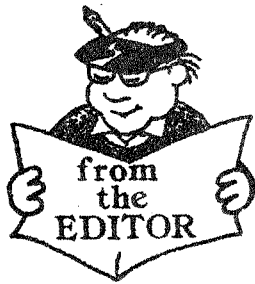
Things to bring to the September meeting include anything you might have collected or finished during the summer, including rocks, minerals, agates, fossils, etc. Cases will be furnished.

The club has also collected some additional certificates and plaques from both the AFMS and MWF. Come see them in September.

Reminder! The club mail box is for the use of transacting club business only. Personal mail received at the box will be returned to the sender without explanation.

Hope to see you all at the September meeting.

Roger Pabian  
President



The summer is nearing its end, and it was a very busy one for me, as I'm sure it was for many of you! There are still many things I would like to get done and do need to do; but I am happy to get back in the routine of editing the Pick & Shovel. It is a rewarding experience for me.

Our family did not get any rock hunting done, but we really enjoyed our week of vacation at Ponca State Park.

I would appreciate any interesting ideas anyone might have for the Pick & Shovel, including appropriate little pictures or quotes.

Also, future issues will be including reports on our 1982 Show and its progress. As your Show Chairman, I will need lots of help. It is a new experience for me. A successful Show is not the result of the Show Chairman, it is the result of "working Club members".

Let's all work together and make this another successful year for LG&MC and get back in the swing of things!

\* \* \* \* \*

All copies of the Who's Who are available for Club Members. If you have not received yours, please pick it up at the September General Meeting. If you wish to have it mailed to you, please send me two (2) 18-cent stamps and your current address.

Thank You.

Editor, Vera Lyman  
420 North 56th Street  
Lincoln, Nebraska 68504

Please make the following change in your personal copy of the Who's Who.

New address:

Bob & Mary Walker  
Rhonda & Jimmy Archuleta  
822 LaBrea Av 68504  
466-3410



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"NEBRASKA GEMS ON LOCATION"

Anyone who has material for the Nebraska Gems On Location map; please get it to Jim Parks so the display can be ready for our Show in 1982. The material may be cabachons or free-form.

DELEGATE'S REPORT - MWF SHOW

The Taylors arrived in South Bend, Indiana on Wednesday, July 22. Since we were there in October for the MWF Executive Committee meeting, we knew exactly where to go - the Athletic and Convocation Center on the campus of University of Notre Dame. The campus is a beautiful one - I know - I "walked it" three times to visit the Cathedral, the book store, library, art museum and the natural grotto behind and below the Administration Building.

Upon our arrival, we immediately got "into" the slogan of the 1981 Show and Convention - - "Hug a Rockhound". As a lot of good, long-time friends were there, people were doing lots of hugging!

When we saw the show site in October, it looked like a very big room to fill but that Wednesday it was very full of dealers, demonstrators, exhibits, special displays and people.

As most of our club members know, it takes a lot of time and hard work to put on a good show - and you knew immediately that Show Chairman Jim Russell, his family and members of their club did that.

Thursday was the magic day - from chaos on Wednesday with loose ends - to the opening of a fantastic show and convention.

There were lots of beautiful displays and special features. The Hall of States was well represented. The cases entered in competition were fantastic. If you really look at those cases, you can learn lots of different ways to improve your own cases.

Thursday we enjoyed seeing the show. On Friday Mom and Dad attended the Executive Meetings. On Saturday we all attended the Council Meeting.

The meeting was called to order by acting president, Larry Nawojski. The invocation was given by Clint Heckert. After being welcomed by Jim Russell, the show chairman, the treasurer's report was given. The MWF had a balace of \$34,485.56. The LG&MC gave the MWF \$12,346.65 as the convention receipt for the 1980 AFMS - MWF convention and show. To save time, the minutes of the previous meeting are not read as copies are mailed to the officers and committee members after each meeting.

Next was a brief review of the State Directors Reports. These are printed and passed out to those in attendance, along with the agenda of the meeting. After these reports are given, the Permanent Committee Reports are given. These include: Archaeology, Bulletin Editors, Convention & Show, Credentials, Directory, Director of Supplies, Education, Environment, Geology, Historian & Archives, Junior Activities, Lapidary Arts, Legislation, Long Range Planning, Membership, Merit Awards, Micromounts, Mineralogy, Newsletter, Paleontology, Program Requests, Public Image, Safety & Field Trips, Scholarship, Special Displays, and Uniform Rules.

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DELEGATE'S REPORT - MWF SHOW - continued

Next on the agenda is Convention Reports. Jim Russell again talked about the South Bend Show - giving a report on attendance and the number of chartered buses arriving. The 1982 Show and Convention will be in St. Paul, Minnesota. It will be "The Thing to Do in '82" - June 24-27. As of this time, the 1983 Show has no home.

Election of officers was the next item on the agenda. Elected were:

President - Larry Nawojski  
First Vice President - Diane Dare  
Second Vice President - Rex Webb  
Secretary - Jean Reynolds  
Treasurer - William Parch

Special Committee Reports were next:  
Commemorative Stamp, Liaison MWF -CCFMS, Holotype Display, Library, Silent Auction (1981), Show Manual, and Parliamentarian.

This meeting adjourned after many announcements of club shows and swaps in the MWF area.

During the Bulletin Editors Permanent Committee Report we learned:

Small Bulletin Contest - 3rd Place Winner -  
The Loup Scoop - George "Chic" Cihacek, Editor  
(Columbus, Nebraska)  
Large Bulletin Contest - 2nd Place  
The Pick and Shovel - Evelyn Ulrich, Editor  
(Lincoln, Nebraska)  
6th Place - Grand Island Nugget - Mary McCartney, Editor  
(Grand Island, Nebraska)

During the Merit Awards Permanent Committee Report we learned that our club, Lincoln Gem & Mineral Club, received a trophy in the All American Club Awards. A sister club in our state, the Grand Island Earth Science Society, also won an award in this category.

Congratulations to all the winners!

Sunday night found us all very tired, but not too tired to sit up and gab. Early Monday morning found us doing something sad - we had to "Hug" our "Rockhound" friends goodbye until our paths cross again.

Oh, yes! On Friday night at the Chicken Bar-B-Q, our club president, Roger Pabian, received a gift from Lori Russell - a Notre Dame tee shirt. Roger - wear it to a meeting so everyone can see it! - - but not on a Big Red football Saturday!

Susan Taylor  
Club Delegate



Mr. Howard Taylor  
Lincoln, NE

Dear Sir:

We are extending an invitation to you and your club members to exhibit some displays at our Rock Club show on Sept. 26 & 27 in Nebraska City.

Everyone enjoyed your displays in the past and we feel they are an added attraction in our show.

We'll look forward to seeing some Lincoln friends at our show.

Sincerely,

Vera Z. Cox  
Secretary of Arbor Valley  
Gem & Mineral

\* \* \* \* \*

FIELD TRIP - May 24, 1981

Roger Pabian led us on the trip around Humboldt. There were 12 of us on the trip, but only seven members of LG&MC. We picked up the others on the way. It was a beautiful day.

Roger showed us the fault near Humboldt and the Pennsylvanian permian contact there. Our first stop east of Table Rock was for fossils.

We ate our sack lunches we had brought in Humboldt's beautiful park. Then we looked for Sagenite in the Nemaha River. On to the four mile creek section and found small geodes and fossil sponges. THEN - on the sunny bank, enough ripe wild strawberries for all of us to have a taste. Delicious! We got home around 6:00 P.M.

My sister and her husband from Oxnard, CA. enjoyed the trip very much. It was quite different from hunting rock in CA in the Mojave Desert.

Submitted by Flossie Litzenberg

**OOPS!**

\* \* \* \* \*

LG&MC club members please be advised that there are no copies of the May Board Minutes in this issue because they did not reach me in time for publication.

Your Editor

FIELD TRIP TO THE BLACK HILLS - Near Custer, South Dakota

Daniel Mount of Harrisburg, Nebraska was our wagon master. There were forty people, plus Dan's four granddaughters, in fifteen vehicles. Dan started out from Scottsbluff and picked up others along the way. Those RV's stayed at the Flintstone camp ground in Custer and some of us stayed at a Motel in Custer. Dan started Saturday, May 30, 1981. We took a sack lunch with us on each day's rock trip. We ate breakfast and supper back in Custer.

Sunday Lou Stratton led us onto his property of Tee-Pee Canyon open face mine, where we collected Tee-Pee Canyon agate and nodules. Then to another property of his for red coral. We paid him a \$2.00 fee for Sunday and Monday. Monday and Tuesday we traveled in different areas and hunted for: Dendritic material, Garnets, Fossils, Jasper, Tourmaline, Pink Quartz, Blue Agate and Ollie even picked up some very interesting driftwood.

We hadn't planned on picking up much rock, because we have more now than Glen will ever get made up, but we would find some we couldn't leave. We were going along just because my sister, Ruth and her husband, Walter from Oxnard, California (who subscribe to the Pick & Shovel) had read about the trip and wanted to go. They had a great time and took home all they could handle.

Dan Mount said no rock hunting on Wednesday. So, we toured Jewel Cave (too many steps for me); visited Crazy Horse Monument and Mount Rushmore. Ruth had never been to South Dakota before, so it was quite a treat for her. Our rockhound neighbors in the next room at the Motel went with us. They were Bob and Agnes King from Gibbon.

Thursday Dan led us to Fairburn, South Dakota to try to find agates, but we didn't have much luck there. We ate our lunch and then started home for Lincoln, Ruth and Walter were going home to California the next day.

Glen and I are glad we went. We brought back 3 big boxes of rocks after all. We had such fun at the wiener roast. Rockhounds are fun people to be around.

Submitted by Flossie Litzenberg

\* \* \* \* \*

If you want to see a pretty picture, drive by Ruth Krejci's home at 215 No. 27th. It is on the southwest corner of the alley south of the Mortuary. Her house is a pretty shade of yellow trimmed in white with white iron work on the porch and window boxes full of red petunias with a white here and there that emphasizes the red. The same is planted along the foundation. Then lacy dill weed is planted along her drive. Thank You Ruth for such a pretty scene.

Submitted by Flossie Litzenberg

DO WE WEAR AN IMPREGNABLE SHELL?

One of the ways harmful and toxic substances can enter our body is through the skin. We would not reach into an acid solution and knowing it would be harmful to our skin. Yet many hobbyists will reach into solvents and cutting oils and think there is no danger.

Solvents will dry out the skin, cause chapping, enter cuts, and be absorbed by the blood. Many of the fast acting solvents are chlorinated hydrocarbons and can be harmful if breathed or absorbed into the skin. These solvents include carbon tetrachloride, perchlorethylene, trichlorethylene, xylene, toluene, and benzine. Each of these solvents are toxic and the exposure level for breathing is only a few parts per million. When absorbed into the blood through the lungs or skin, they affect the liver and kidneys and cause anemia and possible leukemia.

Cutting oils contain particles from the stones that are cut, and these compounds can be absorbed into the blood through the hair follicles, cuts, and veins near the skin surface. Used oils can cause dermatitis and skin ulcers as well as adverse effects from the mineral compounds on vital body organs.

Take proper precautions and wear rubber gloves to avoid these hazards.

- via Environmentally Speaking  
1981 Show Issue

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Let's mind our manners.

Over the past year and a half, the club has sponsored six field trips to various locations. Unfortunately, some of the trip participants have been less than gracious. Unfortunately, too, all of the offenders have been seasoned rockhounds, some with 10 or more years membership in our club.

It would be wise for all of our members to re-read the AFMS Code of Ethics.

The land owners still control the land. We must not question or challenge their decisions. It is through their courtesy that we have been allowed to have a trip.

Just because an area has been opened for a field trip is no guarantee that everyone will find a lot of goodies. Bellyaching over lack of success at finding the desired materials does not make a good impression on either the host or the trip organizer.

Let's remember our manners!

Roger Pabian

MURDO'S DIAMOND JUBILEE

Summers come and summers go, but this came earlier and went faster than any in my long memory. What did Myrtle and I do, in this one to begin our 59th year of marriage? We have never been busier! This included a South Dakota town's 75th anniversary, several Lincoln class reunions, literary symposiums, family reunion at Oakland, Nebraska, golden weddings, welcome company from near and far, and also sadness of several old friends passing away.

We did the usual gardening - Myrtle the 300 South Cotner Blvd. flowers, and I did backyard vegetables, battling early heat, drought and insect pests. The heat wave ended, but still plenty of bugs. The water bill just came. OUCH! We had no time to add more rocks to our copious collection of "leaverite" and "junkite".

We skipped the National Gem Show at Salt Lake City, but did attend the Diamond Jubilee at Murdo, South Dakota, June 12, 13, 14 - a real gala event. In that prairie town, in September 1922, I began my first of 42 years as a high school science (etc) teacher. Some rockhounds may recall the Federation Show there in 1969 - and the sticky gumbo off the main highways after rainfall. We stayed on the pavement - knowing that country.

The Murdo trip was our only one out of Nebraska, and it was made more enjoyable by the kindness of our generous club member, Florence Boring, in her car. This saved my old 1965 Rambler and my 83 (almost) year old eyesight. Florence has been our benefactor on several other trips, including the 1969 Salt Lake City National Gem Show. She is an excellent driver.

We stayed one night, as usual on Dakota trips, at our favorite ranch operated by two of my grandnephews, Ray and Dick Preston, northwest of Long Pine, Neb., on fossil-rich Bone Creek, a Niobrara Tributary. We had no time for fossil hunting, but Ray treated us to a grand tour of their many irrigated fields of grain, hay, and pasture where exotic livestock grazed. These boys are ranching with modern equipment and skill.

The Murdo Diamond Jubilee was resplendent. That Jones County Seat, once an important Milwaukee railroad division point, was at its best. Its full name was once Murdo Mackenzie, honoring an early cattleman. The standard time zone line, Central to Mountain, runs down the middle of main street. The railroad is "gone" now but Interstate 90 streaks through the south edge of town, flanked by about a dozen motels, and the antique Auto Museum. An airport is just south of town, a short distance away.

For the many visitors and home-town citizens there were local talent programs, ample barbecues, banquets, class reunions, parades, an air show and a "fly-in" breakfast, as some of the festivities.

- continued

MURDO'S DIAMOND JUBILEE - continued

We visited with many old friends, and re-visited the quarter-ton chunk of petrified wood we had donated to the high school in 1923. It still is near the front entrance, but somewhat reduced in volume - sample taking! See p.16 Pick and Shovel, Sept. 1973 for original story about it.

Time was entirely too short for us to see all of our old friends. Many have passed away, or moved to distant places. We enjoyed some of our school acquaintances especially. There were three members of my high school girl's basketball team (including Myrtle); and one of my boy's basketball stars was featured in the huge street parade as the town's oldest business man. He started as a barber's small assistant (lathering shaving mugs), later owning the shop. He still works part time in it; parts his hair in the middle - wide! (Just like mine!)

Another parade feature was an old steam tractor from the local Pioneer Auto Museum. The driver from Tucson, Arizona was recalled for the occasion. He and his family were former Murdo people. That big parade could easily merit several pages of description. Murdo's early planners very wisely provided a wide Main Street, and with devoted local labor it has been hard-surfaced - - no more gumbo worries there.

The pioneer Auto Museum is unusual, especially for a town of less than 1000 population. It is not devoted to autos only, but to many other historic objects as well, too numerous to mention here. It occupies 30 different buildings, large and small. There was an antique friction drive car, with full view of the friction disc and sliding fiber-rimmed wheel; the first I had seen in 70 years. (see March 1981, p. 9 issue of Pick and Shovel for my brief description of friction drive). I found no mention of the Owen Magnetic car there. When passing through Murdo one should allow plenty of time to see this tourist attraction.

There are many bits of history related to Murdo. One of the most thrilling occurred in late August 1922, just before the first of my school teaching career, and it still lives in the oldtimers' memories. Four desparate convicts escaped from the South Dakota State Penitentiary at Sioux Falls and fled with the Warden as hostage. He was later released unharmed. After several days they reappeared in Murdo as they headed for safety in the big Badlands. Three local lawmen apprehended them near Stamford, but the convicts got the drop on them, shot all three Murdo men in the head, covered them with trash in a ravine and sped away in the victims' car, on toward the Cheyenne River crossing at Pedro.

Miraculously, all three men survived the shooting; a state-wide alarm went out, and the "bad guys" were captured after a running gun battle when they turned back to face a posse, having failed to cross the river. One convict was killed, all lawmen recovered, and one later appeared on Ripley's "Believe It or Not". One of Myrtle's younger brothers grew up to become a free lance writer

MURDO'S DIAMOND JUBILEE - continued

later, in Atascadero, California. Front Page Detective magazine April, 1969, published his feature story of the affair "The Shooting You Won't Believe". The Murdo Coyote newspaper reprinted their own 1922 account as a special feature in their Diamond Jubilee issue last June.

Myrtle and I had visited Murdo many times over the 58 years since we left on our honeymoon following our early forenoon wedding June 6, 1923, with all our possessions piled in the back seat of our Model T Ford. On that memorable rainy day we plowed wet, sticky gumbo in low gear from 11:00 A.M. to 9:00 P.M., between Murdo and Winner, So. Dak., 85 tedious miles. Any reader who ever drove a Model T knows the meaning!

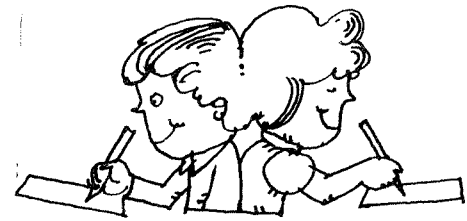
This time we left Murdo in rain and in comfort, and arrived in Lincoln before dark, 400 effortless miles. Blessings on our modern highways - - and Florence!

- Submitted by J. D. Young

\* \* \* \* \*

"HI JUNIORS"

I'm sure the picture at the right looks very familiar to you by now, since you've been back to school for several weeks, busy studying and many of you probably have homework as well.



I do hope all of you had a "fun" summer. Did any of you do any rock-hunting with your parents? Perhaps you could write a short story about it for

REMEMBER!

Junior Activities Meeting  
Friday, September 18, 1981  
822 LaBrea Av. 7:00-8:00 PM  
Walker home.



the Pick & Shovel next month. Also, remember, I can always use articles for the Junior Page.

# Midwest Federations NEWSLETTER

Published monthly except July and August as a service to member clubs. All news and articles should be sent to the Editor, Mrs. Betty Smith, 10607 Mary Ann, Zeeland, MI 49464. All subscription orders should be sent to Parrot Printing Service, 2125 Forest Ave., Des Moines, IA 50311.

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Clarendon Hills, IL 60514

**TREASURER**  
William Parch  
P.O. Box 180  
Fountain City, WI 54649



JUNE 1981 - Issue No. 215

## MIDWEST STATE GEOLOGICAL SURVEYS

ILLINOIS State Geological Survey Natural Resources Building, Urbana, IL 61801	A,B,D
INDIANA Geological Survey 611 N Walnut Grove, Bloomington, IN 47401	A,B,C
IOWA Geological Survey 123 N Capitol Street, Iowa City, IA 52242	A,B,C
KANSAS Geological Survey, University of Kansas 1930 Ave A, Campus West, Lawrence, KS 66044	A,B,C,D
MICHIGAN Geological Survey Division, Dept. of Natural Resources Box 30028, Lansing, MI 48909	A,B,C,D
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MISSOURI Dept. of Natural Resources, Division of Geology and Land Survey, P.O. Box 250, Rolla, MO 65401	A,B,C,D
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OHIO Division of Geological Survey Dept. of Natural Resources Fountain Square, Columbus OH 43224	A,B,C,D
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SOUTH DAKOTA Geological Survey, Science Center, University of South Dakota Vermillion, SD 57069	A,C
NORTH DAKOTA Geological Survey University of North Dakota University Station, Grand Forks, ND 58202	A,B,C
TENNESSEE Division of Geology G-3 State Office Building, Nashville, TN 37219	A,B
WISCONSIN Geological and Natural History Survey University of Wisconsin Extension, 1815 University Ave., Madison, WI 53706	A,B,C

CODE: A - List of all publications sent free on request  
B - Free Educational pamphlets on geology of the state  
C - Low cost educational pamphlets on geology  
D - Rock, mineral and/or fossil collection at low cost

Thanks to the people who sent some of the information of the above and especially DIANE DARE, 1980 Directory Chairman, who informed me this was inside the back cover of '80-'81 Directory.

## 1981 SHOW COMPETITIVE DISPLAYS

The deadline for competitive display entries in the 1981 MWF Show and Convention is June 15. We have space for over 100 competitive exhibits at South Bend, and Uniform Rules Chairman PAUL CLIFFORD is arranging for qualified judges in all divisions and classes.

Display entry forms were sent to all MWF clubs early in the year. If you need additional forms, contact me.

Whether you are entering competition for the very first time, or are an "old hand", we suggest you review a copy of the Uniform Rules book - Fifth Edition (green cover). This publication should be available in your club library, or you may obtain a copy from the Director of Supplies, MR. CLINTON HECKERT, 725 Stewart Ave., Elgin IL 60120, for \$1.50 each (includes postage & handling).

Whatever your area of interest, whatever your specialty, we have a competitive category you can enter, and all are listed in the Rules book. Get your entry in to me now!!

DIANE DARE: 1981 Show Competitive Displays  
Chairman, 747 E. Blackford Ave.,  
Evansville, IN 47713

## CORRECTION

Your Editor Goofed...

JOHN BOLAND has been listed in the Newsletter as Chairman of the Environmental Committee.

DR. KATHERINE NELSON is Chairman of the Environmental Committee. JOHN was the Editor of the Committee Publication, Environmentally Speaking.

NOTICE: Any change of address, name, of-  
ficer, editor or changes in subscription  
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EDWARD N. SMITH DIES

A memorial to the AFMS Scholarship foundation has been established in the name of EDWARD N. SMITH, former President and founder of Geode Industries, who died April 9, 1981. ED SMITH began in 1931 his interest in the mineralogical world. Collecting and providing work for several persons during the depression years by making Geode products and selling the specimens.

As his interest in these became more profound MR. SMITH envisioned a part of this beautiful collecting area to become a permanent part of Iowa (The Beautiful Land) to be enjoyed by all forever. In 1935 ED SMITH was appointed by the Governor of Iowa as the Development Chairman for his dream, GEODE STATE PARK.

During his lifetime MR. SMITH attended 200 Gem and Mineral Shows along with members of his family. His company Geode Industries has grown to one of the leading suppliers in the Gem and Mineral Trade.

1980 ALL-AMERICAN/MWF MERIT AWARDS JUDGES

Selecting the 1980 All-American/Merit Award Winners from the entries sent in by our Midwest clubs is a big job, and we have a very capable team of judges who will do it. All from Indiana, they include DR. BENJAMIN MOULTON, MRS. FERN PENNER, JACK DARE, and Committee Chairman DIANE DARE.

DR. BENJAMIN MOULTON, Terre Haute, is a Professor of Geography and head of the Geography and Geology Department at Indiana State University-Terre Haute. He is a MWF Assistant State Director and served on the MWF Mineralogy Committee. He is a member of the Vigo County Rock and Gem Club, and served that club in many offices including editor. He was President of the 1980 Hoosier Swap.

MRS. FERN PENNER, Peru, is also a MWF Assistant State Director, and is a member of the Peru Rocks and Minerals Club. She has held several offices, including that of President, and was a guest exhibitor at the 1980 Show and Convention in Lincoln.

JACK DARE, Evansville, is a member of the Evansville Lapidary Society, as well as ESCONI and M.A.P.S. He has served on the MWF Silent Auction Committee, the Junior Activities, and the Directory Committee. He is one of the workshop instructors for the Evansville Lapidary Society.

Chairman, DIANE DARE, is currently MWF 2nd Vice-President, as well as President of Evansville Lapidary Society. A Past-President of Southern Illinois Earth Science Club, member of ESCONI and Competitive Displays Chairman for the 1981 MWF Show at South Bend, she has won several MWF and AFMS awards as a bulletin editor and for original articles.

Winners of the All-American Awards will be announced at the National Show and Convention in Salt Lake, and the MWF Merit Awards will be presented at the MWF Show and Convention in South Bend.

DIANE DARE, Chairman, All-American/MWF Merit Awards

SCHOLARSHIP REPORT

The Midwest Federation is now at the 600% level and we have a beautiful new Plaque to prove it. The Plaque will be presented to the Executive Committee at the Spring Meeting. We do appreciate the great support of the Midwest Clubs. Since last Newsletter Report, contributions amounting to over \$3000.00 have been received from 34 Midwest Clubs. Through their generous gifts the following 20 clubs have advanced their Scholarship Status:

Toledo Gem & Rocknound Club	600% - 700%
C.A.I. Family Lapidary Club	800%
Nortneast Iowa Rock Club	800%
State Line Gem & Mineral Club	1700%
Lawrence County Rock Club	1800%
Midwest Mineralogical & Lapidary Society	1400% - 1500%
Lincoln Gem & Mineral Society	900% - 1400%
Huron Hills Mineral & Lapidary Club	1100%
Michigan Mineralogical Society	1600% - 1700%
White River Gem Society	1100%
Rock River Valley Geological Society	400%
McDonnell-Douglas Gem & Mineral Society	800%
Three Rivers Gem & Mineral Society	1200%
Southern Illinois Earth Science Club	500%
Copper Country Gem & Mineral Society	1200% - 1300%
Michiana Rock & Gem Club	1800%
Minnowa Rock & Gem Club	1200%
Bad-Lands Sand Hills Earth Science Club	700%
New Ulm Gem & Mineral Club	200% - 400%
Central Missouri Rock & Mineral Club	900%

It would be greatly appreciated if when you send in your contributions you would print or type your name and address and club name as well as the number of members you have and include this information in the envelope with your check. Sometimes it is difficult to read the name when it is only on the outside of the envelope, and signatures on checks are often hard to read.

The new Midwest Directory will soon be ready. Look in the 'Pink Pages' and see how your club has advanced their status. Thanks again for your generous checks.

KATHARINE STEINBRENNER: Midwest Scholarship Chairman

SPRING EXECUTIVE MEETING

The Spring Executive Meeting was held at Mason City, Iowa on April 25, 1981. Many items were discussed.

A committee is working on slides to show the member clubs what the Federation does for them.

The new MWF pins will have a clasp on the back.

There will be a Library Booth at the MWF Show in South Bend.

The Silent Auction Committee need specimen donations for the show.

The 1982 MWF Show will be in Minneapolis, Minnesota. Needed are show sites for 1983, 1984 and 1985.

A discussion was held about committee chairmen submitting articles for the Newsletter. (Editor's note - Come on you committee Chairmen let us hear from you. Also anyone else.)

SEE YOU AT THE MWF SHOW IN SOUTH BEND, INDIANA JULY 23 THROUGH 26.

COME BY BUS, CAR, TRAIN, CAMPER OR ANYWAY, BUT COME.

# Midwest Federations NEWSLETTER

Published monthly except July and August as a service to member clubs. All news and articles should be sent to the Editor, Mrs. Betty Smith, 10607 Mary Ann, Zeeland, MI 49464. All subscription orders should be sent to Parrot Printing Service, 2125 Forest Ave., Des Moines, IA 50311.

**PRESIDENT**  
Milford J. Sharp -Deceased  
3901 West 210th St.  
Fairview Park, OH 44126

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Miss Jean Reynolds  
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Clarendon Hills, IL 60514

**TREASURER**  
William Parch  
P.O. Box 180  
Fountain City, WI 54649



SEPTEMBER 1981 - Issue No. 216

## PROGRAMS:

Since DON and I always worked together it was easy to continue on with the job of Library Chairman, of course, with Federation help.

He realized his ambition to have 100 programs. Now, I have one! Mine is to have a geology program on every state in the MWF. Then, I will aim at the rest of the Union! This could be a project for the State Directors and assistants, or one club or group of clubs in any state. Wisconsin is in "first place" since theirs have been in use for two years. They got some of their information from their State University, a good place for anyone to start. Or, have a State Field Trip to get data and pictures. So - when taking pictures in your travels, think of these things. Through the experience of sending Wisconsin Geology out, I know there is an interest in the subject - so have fun - add to your hobby - share it with others.

Of course, if you are working on a program, on another topic, far be it from me to refuse it. Hope to hear from all of you.

What is a program comprised of? Interest, availability, knowledge, willingness to share and cooperation of various talents.

"Life Revealed in the Rocks", a program prepared by an Oregon resident, tells us of geologic history of his part of the world. We find pictures of a few fossils, many bones (of dinosaurs). Chiefly we see the result of "wind and water", nature's carving materials. There are scenes of Petrified Forest, Grand Canyon, a trip through two billion years of time.

"To a Geologist", Edwin T. Matzhe  
Earth wears a mantle rich in love,  
Of storied fabric finely spun:  
It tells of eons come and gone,  
Whose only witness was the sun  
Nor seer nor monarch can divine.  
The cryptic writings he alone

Who humbly speaks the tongue of earth  
Can wrest a story from a stone.

"Plant Life Through the Ages", a paleobotany program prepared by ESCONI. Their location near the famous fossil beds of Northern Illinois makes their study natural and fascinating. Through many billion years of history plant life and its development is shown.

If the five billion years of earth's existence represents a calendar year, the first record of fossil plants occurs about September 1, algae groups and primitive animals about November 30, vascular plants on December 7 and significantly flowering plants on December 25.

From time to time your program chairman will review programs in the library. Will the person reading this please pass this information on to your Program Chairman. He will appreciate your help.

LOUISE STINNETT, 29462 Aspen, Flat Rock, MI  
48134 - Phone 313-782-3293 - Chairman,  
Program Requests

Joining DR. BENJAMIN MOULTON, MRS. FERN PENNER and JACK DARE as a judge for the MWF Merit Awards/All-American Club Awards was MRS. WILMA JOELNER of the Vigo County Rock & Gem Club. She is a past officer of the club, active in a number of shows, as a craft worker mainly in jewelry. She has also been active as a proprietor and business woman in a gift show. She and her husband share an interest in club activities.

DIANE DARE, Merit Awards Chairman

## HINTS TO REMEMBER...

Clubs should answer all correspondence regardless of the action taken by the club on it.

Correspondence signed with the club name should be the opinion of the entire club.

SAFETY TIPS IN CASE OF A HOTEL FIRE

If you plan to utilize a hotel, familiarize yourself with the following instructions and save them for review so that you can develop the habits needed to cope during an emergency...

1. As you enter your room, look for fire doors in both directions and remember where they are located.
2. Check fire doors to see that they operate properly and notice where the alarms are located.
3. Always leave your key in the same place when you are in the room, preferably on a bedside table or in the door.
4. If a fire starts in your room, take the key and leave, closing the door behind you and sound the nearest alarm. DO NOT TAKE THE ELEVATOR! Notify the desk as soon as you reach the lobby.
5. When entering a stairwell, close the door behind you. If you encounter smoke, turn and walk up to the roof and wait for help.
6. If you are trapped in your room, fill the tub with cold water and wet the towels and clothes which should be stuffed around the door.
7. Close as many doors as possible between you and the fire and be sure to STAY IN A ROOM WITH WINDOWS. If smoke gets in your room, hold a wet towel to your face.
8. If the fire is on the floor below you, and there is smoke outside, you should keep the windows in your room closed and hang out a light-colored sheet as a signal.
9. DO NOT JUMP unless you are on the ground floor. Wait for firefighters to assist you.

HELEN R. NEUMANN - Safety & Field Trip  
Chairman

---At the Spring Meeting in Mason, Iowa, HELEN, while inspecting the displays at the local gem show, slipped on a rock the size of a walnut (small) and went flying spread-eagle over the cement floor!!!

She mostly landed on her knees and chin. As  
...next column please

she was going to Europe later, and didn't want the Doctor to tell her she couldn't go, she evaded going to him. Recently she told me she still has Exhibit "A" which she claims was polished in the fall.

---

NEW SCHOLARSHIP STANDINGS:

Since the April Executive Meeting 21 of our Midwest Federation Clubs have sent in over \$1460.00 to the American Federation Scholarship Foundation. Because of these generous gifts the following 13 clubs have advanced their Scholarship Status...

Peru Rocks & Minerals Club	3400%
Des Moines Lapidary Society	1000%
Wisconsin Geological Society	2100 - 2200%
Central Illinois Gem & Mineral Club	1000%
Minnesota Valley Gem & Mineral Club	100 - 200 - 300%
Minnowa Rock & Gem Club	1300 - 1800%
Muncie Rock & Gem Club	1000%
Rock River Rockhound Club	100%
Independence Gem & Mineral Club	700%
Rock Hobby Club	1400 - 1500%
St. Louis Gem & Mineral Club	400 - 500%
Akron Mineral Club	200%
New Ulm Gem & Mineral Club	400%

My Special Thanks to the Club Scholarship Chairmen who are sending me their membership totals with each check as well as placing their name and address on the inside of the envelope.

The Officers of the Scholarship Foundation appreciate the wonderful support that the Midwest Federation has given to the Foundation. Thank you all for your generous gifts.

KATHARINE STEINBRENNER - Midwest Scholarship  
Chairman

(Editor's Note - The report of the Silent Auction held at the MWF Show will be forthcoming soon, watch for it!)

---

DID YOU KNOW that the California Federation put on a "no-host" convention this year, using talent from throughout the Federation to chair the activities? If no offers come from the Midwest Clubs to Host the 1983, 84 & 85 Shows maybe we will have to go that round. The 1986 Show will be in South Bend, Indiana, same place as this years...

BULLETIN EDITORS CONTEST MWF SHOW 1981

MWF BULLETIN AWARD WINNERS

Mini-Bulletin Contest:

1st "The Conglomerate", Walter S. Johnston, Blue Grass Rock Club, Lexington, KY.  
2nd "Mastodon Tracks", Gertrude Larson, Badlands Sandhills Earth Science Club, Mission, S.D.

Judges Awards: One Bulletin selected from ALL entered for each contest.

Small Bulletin Contest:

Judges Award: "The Nishna Valley Grindstone" Mrs. Pearl Campbell, Nishna Valley Rock Club, Inc., Atlantic, IA.

1st "The Gemrock", Doris Wade, Independence Gem & Mineral Society, Independence, MO.  
2nd "The Template", Jacque Nawojski, Chicago Lapidary Club, Richton Park, IL.  
3rd "The Loup Scoop", George "Chic" Cihacek, Loop Valley Gem & Mineral Society, Inc, Schuyler, NE.  
4th "Rockhound News", Shirley Case, Pike County Mineral & Gem Society, Warrentown, MO.  
5th Tie - "The Rockfinder", Fred Niebauer, Michiana Rock & Gem Club, South Bend, IN.  
and - "Worthen Worthy Notes", Irma W. Bradley, Worthen Earth Searchers of Hancock Co., Carthage, IL.

Large Bulletin Contest:

Judges Award: "The Glacial Drifter", Ruth & Bob Beauvais, Grand Rapids Mineral Society, Grandville, MI

1st "The Opal", Lois McMahon, West Suburban Lapidary Club, Lombard, IL.  
2nd "Pick and Shovel", Evelyn Ulrich, Lincoln Gem & Mineral Club, Lincoln, NE.  
3rd "Serendipity Gems", Luella Bond, Evansville Lapidary Society, Boonville, IN.  
4th "The Trilobite", Margaret M. Pearson, Wisconsin Geological Society, Milwaukee, WI.  
5th "Gem City Rock News", Rita C. Hagenbaumer, Gem City Rock Club, Quincy, IL.  
6th "G.I. Nugget", Mary McCartney, Grand Island Earth Science Society, Grand Island, NE.  
7th "Crystal Cluster", Jean Mueller, Des Plaines Valley Geological Society, Des Plaines, IL.  
8th "The Geode", Celia Tiffany, McDonnell Douglas Gem & Mineral Society, St. Charles, MO.  
9th "The Pyriter", Lyle Voas, Dallas County Rock Club, Inc., Minburn, IA.

10th Tie - "Chip and Lick", Martha Miller, Miami Valley Mineral & Gem Club, Fairborn, OH.  
and - "The Rock Rammer", Mildred E. Heckert, Elgin Rock & Mineral Society, Elgin, IL.

New Bulletin Editors Contest:

1st "Sandscript", Cathy McFadden, Duneland Rock Club, Inc., Griffith, IN.  
2nd "The Tully", Betty VanErden, Park Forest Earth Science Club, Oak Forest, IL.  
3rd "Blue Ridge Gem", Alice Jacobs, Blue Ridge Gem & Mineral Society, Independence, MO.

Special Publications:

1st "Esconi--30th Anniversary, 1949--November 1979", Virginia Popp, Jean Reynolds and Chester Williamson, Earth Science Club of Northern Illinois.  
2nd "Illinois Strata", by Andres Hay, Des Plaines Valley Geological Society.  
3rd "The Rock Tablet", Carol Anderson, The Neville Public Museum Geology Club, Green Bay, WI.

Original Article Contest (Adult Division):

1st "Slate, Carving and Scribing", Olive Sain, Author, Ishpeming Rock & Mineral Club, Marquette, MI.  
2nd "Revealing Facts About Egyptian Mummies", Betty Myers, Author, Park Forest Earth Science Club, Park Forest, IL.  
3rd "Karats, carats, and Carrots", Fred Joesting, Author, Des Plaines Valley Geological Society, Des Plaines, IL.

Original Article Contest (Junior Division):

Judges Award: "Uses of Shells Through the Ages", Joseph Myers, Author, Park Forest Earth Science Club, IL.  
1st "A Hysterical Hoosier's Hilarious Holiday", Lori Russell, Author, Michiana Rock & Gem Club, South Bend, IN.  
2nd "What Happened at the April Field Trip", Joe Chott, Author, McDonnell Douglas Gem & Mineral Society, St. Louis, MO.  
3rd "An Introduction to Rockhounding", Annette Greenfield, Author, Evansville Lapidary Society, Evansville, IN.

CONGRATULATIONS!!!

JOHN C. MCFADDEN, Chairman of the Bulletin Editors Committee

Note: The name immediately after the name of the bulletin is the Editor.

1980 MIDWEST FEDERATION MERIT AWARD WINNERS - in alphabetical order

CALUMET GEM & MINERAL SOCIETY

An example of a club that actively supports a PBS-TV station not only by buying a membership but having members work during the station's annual membership and financial drive. They answered phones, verified pledges and devoted many hours to compiling records. This is addition to the club's varied programs and field trips, shows and an excellent newsletter. The club is a multiple supporter of scholarships at the University level and the American Federation Scholarship Fund. Support is also given to the Field Museum. For a small Club (78 members) in an urban setting, it does very well.

CENTRAL MICHIGAN LAPIDARY & MINERAL SOCIETY

This club maintains a permanent display in the State Capitol Building to acquaint visitors with the state's mineral treasures, fossils and artifacts. Interested in education at all levels, a number of members provided displays and demonstrations for the Michigan Science Teachers Association Convention. Fossils were given a kindergarten class, a cash gift to help with books and field trip expenses for earth science students of their community college, as well as a scholarship at their state university, and programs were given for all the grades in between. This large club (191 members) offers all its members, juniors as well as adults, instruction in many areas, from crystal-growing to faceting.

GRAND ISLAND EARTH SCIENCE SOCIETY, INC.

This club actively involves its Junior members, who all have jobs within the club - they keep library records, collect and sort stamps, read correspondence and help with setup and demonstrations at shows. Several member families lost their homes and possessions in a tornado last June - their fellow rockhounds pitched in to help anyway they could, from washing clothes to providing a place to stay or to store what could be rescued. "It was the rockhounds who knew the value of the other rockhounds' rocks and were sure to move all that could be found." Truly a club whose 63 members care about one another.

LICKING COUNTY ROCK & MINERAL SOCIETY INC.

This medium size club (120 members, 23 juniors) has an extremely well-organized format of its aims, goals, purposes and functions which have consequently developed into contributions to its local members and even more so to the environment in which it is located. Members have been active in conservation work and Food For the Hungry, an example of broad interests related to the Federation. New members receive not only a membership Directory and the AFMS Code of Ethics, but also a rock and mineral pronunciation guide, hints for good displays, information on the club's ongoing projects and other helpful information. The judges felt this was the best prepared of the applications in form and response to the directions provided.

NEVILLE PUBLIC MUSEUM GEOLOGY CLUB

This club for its size, has contributed greatly to the welfare of the community by helping in the support of a referendum to develop a new museum. This was a three-year struggle that ended successfully. The club, with only 52 members, is active in nearly every area of the hobby interests. The enthusiasm spreads into successful extended field trips and group journeys to significant events, like the Midwest Show at Lincoln. The members work in schools, group clubs and other activities.

DIANE DARE, Chairman, Merit Awards

---

The AFMS Show and Convention was held in Salt Lake City, Utah this year. The winners of the All-American Club contest and Bulletin Editors contest will be included in the October Newsletter. Our Midwest Federation took quite a few honors.

Make use of your Directory list of Federation Committee people, they want to help...

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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 \$5.00 (age 16 and over)

Junior membership fee \$1.00 (age 12-16)

Family membership fee \$11.00 (husband, wife and all children under 16 - permanent residents of household)

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

DON'T FORGET. . . . Our General Club meetings begin again this month; on the fourth Saturday, 7:30 P.M. at the Nebraska Center for Continuing Education, 33rd & Holdrege.

Bring along a friend who is interested in our hobby or even someone who has no idea what our hobby involves. They may be prospective members.

Also, remember there is always an excellent program which follows our regular business meeting. This month it is entitled, "Autumn In New England".

Sounds interesting!

---

Lincoln Gem & Mineral Club  
Box 5342  
Lincoln, Nebraska 68505



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