

# THE PICK & SHOVEL



1982

*highlights*

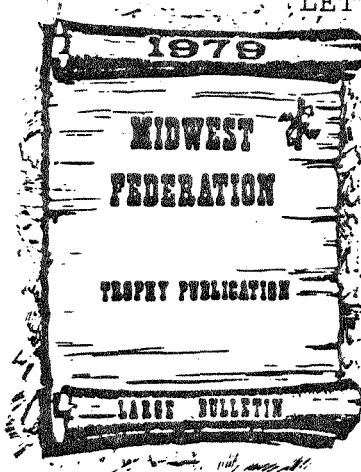
*in  
this issue...*

KORCZAR ZIOLKOWSKI  
Mountain Carver

CRAZY HORSE SCULPTOR Dead at 74

TOPAZ - November Birthstone

LETTER FROM JUNE (Re: Bureau of  
Land Management)



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. 68505-0342

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

1982 ELECTED OFFICERS:

President.....	Roger Pabian	315 'D' St.	Lincoln, 68502	474-2034
1st Vice Pres...	Howard Taylor, Jr.	910 New Hampshire	Lincoln, 68508	476-3707
2nd Vice Pres...	Glenn Lyman	420 N. 56th St.	Lincoln, 68504	464-6089
Secretary.....	Nelda Oliver	5700 Otoe	Lincoln, 68506	489-5222
Treasurer.....	Phyllis Parks	2435 S. 19th St.	Lincoln, 68502	476-6798
Board Member....	John Abel	2829 Van Dorn	Lincoln, 68502	423-7654
Board Member....	Florence Boring	2836 S. 40th St.	Lincoln, 68506	488-6243
Board Member....	Irl Everett	2945 N. 65th St.	Lincoln, 68507	466-6204
Board Member....	Virginia Green	6120 The Knolls	Lincoln, 68512	423-5032

Nominating Committee--3 years: Vera Lyman, Frank Rule  
2 years: Marie Taylor, Jim Parks  
1 year: Bob Walker, Irl Everett

LONG RANGE PLANNING AND BY LAWS COMMITTEE:

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

STANDING COMMITTEE CHAIRPEOPLE:

Programs.....	Howard Taylor	1982 Show.....	Vera Lyman
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..	John Abel	Publications.....	G & F Litzenberg
Sunshine Corner....	Susan Taylor	Junior Activities....	Mary Walker
NAOESCI Reporter....	Vera Lyman	Auditing Comm. 1981..	John Abel, Chairman Ray Lambert & Bruce Simon

PICK & SHOVEL STAFF:

Chairman: Glen Litzenberg

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

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.



GENERAL MEETING: Saturday, November 27, 1982 7:30 P.M.  
Nebr. Center for Continuing Education  
33rd & Holdrege Lincoln, NE  
Norfolk Room  
Parking north of building

REMEMBER: Election of Officers

Silent Auction will be held during counting  
of the ballots.

BOARD MEETING: Thursday, December 2, 1982 7:30 P.M.  
Conference Room #115  
Nebraska Hall (Old Elgin Bldg)  
901 North 17th St.  
North Entrance - East end  
Parking permitted in lot on north side of bldg.

CHRISTMAS PARTY: Saturday, December 11, 1982 6:00 P.M.  
Nebraska Center  
\$6.50 per person Paid to Club Treasurer by Dec. 6  
Further details in bulletin

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FEDERATION SHOWS - 1983

June 10 thru 12, Oklahoma City, OK  
ROCKY MOUNTIAN

June 17 thru 19 San Jose, CA  
CALIFORNIA

July 14 thru 17 Kalamazoo, MI  
MIDWEST

August 4 thru 7 Spokane, WA  
AMERICAN/NORTHWEST

November 11 thru 13 Dallas, TX  
SOUTH CENTRAL

\* \* \* \* \*

A wise man is one who knows the difference between good sound  
reasons and reasons that sound good.

WE THANK THEE LORD

For each hour of each day,  
For each minute spent at play,  
For the seed You helped us sow,  
For the blessed things that grow -  
    We Thank Thee, Lord.

For the roses wild that run,  
For the trees that shade the sun,  
For the rainbows brilliant blend,  
For the showers that You send -  
    We Thank Thee, Lord.

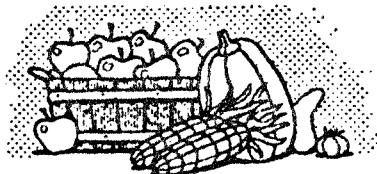
For the men who raise the wheat,  
For the bread we get to eat -  
For the cattle that we need,  
For the pastures where they feed -  
    We Thank Thee, Lord.

For our humble, small abode,  
For the blessings You bestowed,  
For the roof that shields the storm,  
For the walls that keep us warm,  
    We Thank Thee, Lord.

Anthony J. Pettito

May you have life's richest blessings at this beautiful autumn season, and may happiness be with you all through the year.

In this past month a sympathy card was sent to Evelyn Ulrich, a past bulletin editor of the Pick & Shovel.

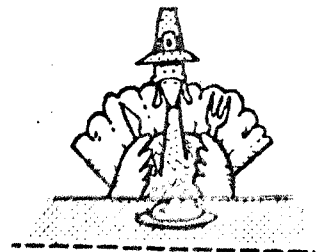


**GIVE THANKS**

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Happy Thanksgiving  
Suze Sunshine

We thank Thee, then, O Father,  
For all things bright and good,  
The seed time and the harvest,  
Our life, our health, our food;  
The gifts that we should offer,  
For all Thy love imparts,  
Are those Thou most desirest,  
Our humble, thankful hearts.



- Matthias Claudius 1782

## THE PRESIDENT'S MESSAGE

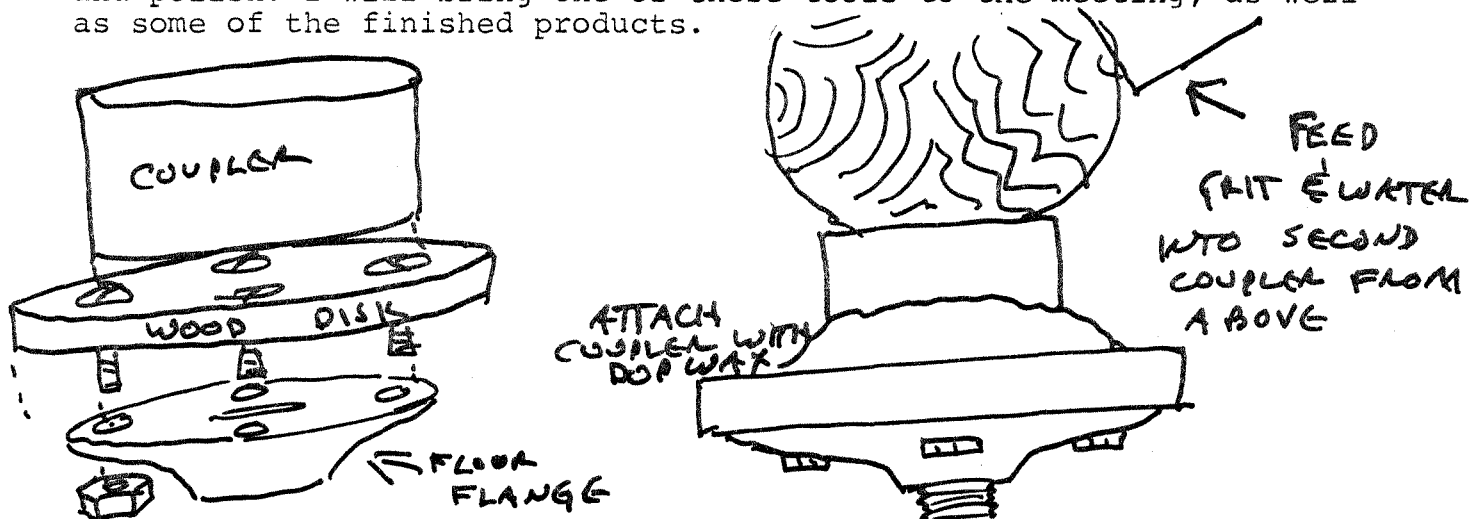
The November meeting will be election night. It will be the chance of the members to select their leadership for 1983. Please be there and vote for your favorite candidates.

THERE WILL BE A SILENT AUCTION. While the tellers are counting ballots, you will have a chance to bring material to sell and to bid on materials that you like. Proceeds for this auction will be earmarked for the Nebraska Academy of Sciences. Our account there is growing and before too long, we should have a permanent scholarship fund established there.

Our sympathy to former Pick & Shovel Editor, Evelyn Ulrich, who recently lost her son, Glen.

Please contact the BLM about the changes in land use. See the letter from June Culp Zeitner, about suggested changes in land use policies. This will effect all collectors who annually utilize the lands under the management of the Bureau of Land Management.

Some plumbing materials can be readily converted to small sphere and marble making tools. A floor flange, some nuts and bolts, and a few pieces of wood, and short pipe lengths called couplings will do the job. Find a floor flange that will fit onto a vertical shafted, slow turning arbor. Cut out a round piece of wood and bolt it to the floor flange. The coupler can be attached to the wood with a bit of dop wax. Center it while the wax is pliant by rotating the arbor by hand. Center lines can be marked by holding a pencil to the wood and rotating the arbor too. To make a sphere, cut the cube, edge it, rough grind it, fine grind it to a sphere in the new tool, and polish. I will bring one of these tools to the meeting, as well as some of the finished products.



November will be silver pick night. Bring something that you purchased at a show this year for display. Cases will be furnished.

DON'T FORGET TO BRING SOME NICE ITEMS FOR THE SILENT AUCTION.

Jim Parks still needs material for the Nebraska Gems on Location case. Lets see this done by the state show time.

Roger Pabian  
President

# Last Month --

Thirty one members attended the October General Meeting. Four guests were also in attendance. They were: Harvey Schaeffer, Dorothy Caton, Donna Christiansen (guest of Virginia Reller), and Grandma (Hilda) Zeck (guest of Marie, Jim & Susan Taylor).

A two-part program was presented by John Abel and Roger Pabian.

"Limestone", presented by John Abel revealed many interesting facts. Of all rocks, Limestone is the most widely used; from the building of roads to producing medicines.

Both the State Capitol and Penitentiary in Indiana are built of limestone.

Roger's film-lecture presentation was "Minerals and Gemstones of Nebraska". Many beautiful slides of rock samples and finished jewelry were shown.

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Helena Baegl presented the Club with a new book for our Library, entitled "Colorful Mineral Identifier" by Anthony C. Tennissen, Ph. D.; Sterling Publishing Co., Inc.

Thank You so much Helena.

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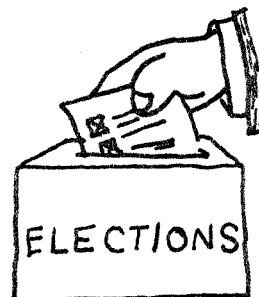
## DON'T FORGET!

Silent Auction at our November Meeting during the counting of election ballots.

Please remember to bring your rock, slab or jewelry for the Auction.

Also, DUES ARE DUE - January 1 and delinquent January 31. Any dues paid after January 31 will require reinstatement with approval of the Board of Directors.

ELECTION OF OFFICERS FOR 1983 - Please give the candidates your careful consideration. They must be conscientious, dedicated and willing to attend Board Meetings and General Meetings of the Club in order to do a good job of conducting the business for the general membership. If they do not take the time to attend Board meetings, many times a quorum is not present, therefore business cannot be conducted. Their dedication is very important.



Remember that when you cast your ballots.

Lincoln Gem & Mineral Club, Inc.  
Board of Directors October 7, 1982

The Board of Directors meeting was called to order by President Roger Pabian, 6120 Havelock Avenue. Five board members and Vera Lyman were present.

Minutes of the September meeting were read and approved as read.

Treasurer's report given, motion to approve by Virginia Green, 2nd Glenn Lyman, approved.

Bills read - \$20.00 to Nebr. Center for meeting room rent; \$43.83 for Pick & Shovel expenses; \$31.25 to Community Arts Council for booth at Festival; \$4.70 for publicity to hand out; \$37.60 to U of N for printing Oct. P & S; \$7.88 for batteries for tape recorder and printing financial Statement. Motion by Jim Taylor to approve, 2nd Glenn Lyman, passed.

No old business on the agenda.

Discussion of memorial for Howard Taylor. Motion Virginia Green that the club send \$50.00 to the family for the memorial of their choice, 2nd Phyllis Parks, passed.

Editor, Vera Lyman, noted that she had been unable to purchase staples for the club's electric stapler. Motion by Virginia Green to allow up to \$190.00 for the purchase of new stapler suitable for mailing the Pick & Shovel, 2nd Glenn Lyman, passed.

Recent developments in regulations for mailing the Pick & Shovel will require an accurate postal scale. Motion by Virginia Green to allow up to \$90.00 for the purchase of a scale, 2nd Glenn Lyman, passed.

Announcements of Gem & Mineral Shows for October, an LGMC Field Trip to Fremont on October 17, and a 2-part program for the October meeting were made.

November will be a Silent Auction.

Next Board Meeting will be November 4, location to be announced.

Respectfully submitted, Phyllis Parks-acting for Nelda Oliver,  
Secretary

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OHIGHLIGHTSO  
OOOOOOOOOO

FROM HELENA

Greetings!

Susan Taylor's attorney boss, Theodore Kessner, was elected President of the State Bar Association recently. A nice honor for him, but doubtless will mean more work for Susie. Carry on, Sue!

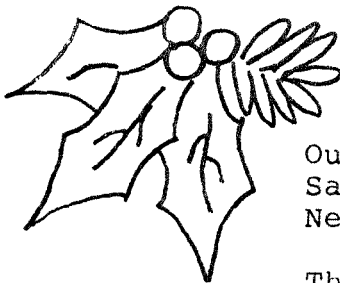
Larry Lyman turned 14 last month, and the Taylors went over for a surprise birthday party. While there, Vera pressed all into service putting the October Pick & Shovel Bulletin together. Good work, Vera.

The Taylors had house guests for several days after the Topeka Show - Phil and Joni Andrist, of Bandon, Oregon. Also, Mrs. Hilda Zech, of Gregory, Michigan visited them a few days, and came to our LGMC October meeting.

Julius and Myrtle Young had a pleasant few days in Minneapolis last month with their daughter Kay. Kay is a folklorist, and had written a paper which was accepted by the American Folklore Society, who asked her to read it at their convention in Minneapolis Oct. 14-16. The occasion gave Kay the opportunity to meet many folklorists from over the country who attended the convention. The Youngs stayed in son Don's home there. Don is playing in the Court Theatre, on the campus of University of Chicago and will be there until Christmas. Enroute home, they went to Garden City, Minn. (pop. 250) where Mrs. Young spent many summers during her childhood, and where her parents, grandparents, and many other forebears, are buried. It was a nostalgic visit to the little cemetery.

We all mourn the passing of Glen Ulrich. Our sympathy and prayers go out to his mother Evelyn.

Hope to see more of you at the November meeting.



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CHRISTMAS PARTY

Our annual Christmas Party will be held on Saturday, December 11, 1982 at 6:00 P.M. at Nebraska Center, 33rd & Holdrege.

The Supper will include Turkey and Dressing, Baked Potato, Corn O'Brien, Cranberry Sauce, Salad, Rolls & Butter, Drink and Pumpkin Pie.

The price is \$6.50 per person and must be paid in advance to the treasurer. Deadline for payment is December 6.

KORCZAK ZIOLKOWSKI - Mountain Carver

The Master Mountain Carver is dead - - Long live the Mountain Carver! Korczak died October 20, 1982 at age 74 in a Sturgis, So. Dakota hospital. His wife, Ruth, and nine of his ten children were present when he succumbed to heart surgery complications. Interment was in his own rock-hewn tomb at the Crazy Horse Memorial near Custer, So. Dakota.

Countless visitors and friends have expressed concern about the unfinished, world's largest sculpture's fate without the master's touch. They have been assured that the enormous task will be completed by devoted and talented members of his family, and without government aid. There are skeptics and optimists, and Myrtle and I are optimists in this question. "Time will tell."

Our optimism is based on understandings gained from several visits to the Crazy Horse Memorial site since its beginning thirty five years ago. We have enjoyed personal acquaintance and friendship there. Korczak seemed to realize he might not finish the project, and he trained his family accordingly.

History is replete with great achievements that required more than one person's lifetime for completion. Recent examples are Nebraska's magnificent Capitol and the Mt. Rushmore "four faces" in the Black Hills. Many great works employed more than one generation of effort, time, money, material and lives. Moreover, some of the "Wonders of the World" were produced by slave labor. Never before has one man, with his devoted family, attempted such an unbelievable task as the Crazy Horse Memorial sculpture!

A Black Hills forest ranger claimed he had known the region so long he remembered "when Harney Peak was just a hole in the ground". Our memory is not that good, but we have seen the Mt. Rushmore and the Crazy Horse Sculptures, also many other Black Hills attractions, from their beginnings.

In our opinion, the Crazy Horse project is the most interesting, not only because of its gigantic physical dimensions, but for many other impressive features, including the sculptor, his family and the motivating theme and force behind this unique undertaking. Our Crazy Horse file has many interesting pictures, news features and comments.

A most informative printed source, "Crazy Horse and Korczak", recently added is the attractive hard-cover 154 page volume, copyright 1982, published by Korczak's Heritage Inc., Crazy Horse, So. Dakota 57730, by Robb DeWall. It is expertly illustrated by Marinka, 18 years old. She is the youngest of the ten Ziolkowski children, and was recently married in a beautiful ceremony in their Indian museum.

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KORCZAK ZIOLKOWSKI - Mountain Carver - continued

The Crazy Horse Memorial has its own U.S. Post Office. The ceremony for the First Day of Issue for the commemorative 13 cent postage stamp honoring Crazy Horse was held there January 15, 1982. It is a great recognition for the Sioux Chief who triumphed over General Custer at Montana's Little Big Horn River, June 25, 1876. The stamp is a collector's prized item.

Our local Club members recall our National Show here in 1974 sponsored the First Day of Issue for the Mineral Heritage stamps. Collectors still value those four "gems", nicely produced.

There seems to be no existing authentic photo of Chief Crazy Horse. So the postage stamp artist made a sketch from Korczak's model carving, the detail of which had been given to the sculptor in 1948 by five elderly Indians, survivors of the 1876 Custer fight. The model carving is 1/34 scale, 18½ feet tall, showing the Chief on his favorite horse, and supported on rails running out from its storehouse for visitors to view.

Sculptor Korczak Ziolkowski (pronounced Core Chok Jule Cuff ski), has said "I arrived out here to stay on May 3, 1947. About all I had was that tent, a beat-up old Army Jeep, \$174. and a dream." He was of Polish ancestry, orphaned at an early age, and had grown up accustomed to many hardships. Gifted with unusual physical strength, uncanny engineering skill and artistic talent he had shaped the Thunderhead Mountain toward the ultimate goal depicting Crazy Horse astride his favorite mount, with outstretched hand pointing eastward toward the lands where his "dead lie buried."

Korczak's ten children have inherited enough of his ability to assure the future completion of the Memorial. He has been blessed in all of this great work by his ever loyal and capable wife, Ruth. She has furnished immeasurable help and inspiration through the years of toil. She is bookkeeper and homemaker as well as arranger of schedules. She does much of the necessary correspondence.

What was the impetus behind this staggering project? Though self-taught he had already done very creditable artwork in the east before coming to the Black Hills, and he had worked awhile with sculptor Gutzon Borglum on Mt. Rushmore's faces. He was urged by Chief Henry Standing Bear (brother of Luther Standing Bear, both Carlisle University graduates) to do the Crazy Horse sculpture "to show the world that Indians had their great men too".

Before beginning the work Korczak sought information from the South Dakota State Historical Society at Pierre. Reference was to Dr. John G. Neihardt (Lincoln Gem and Mineral Club's Honorary member). Sculptor and Poet had then corresponded but not met until September, 1967. Myrtle and I took Neihardt to the Hugh Glass country in northwestern So. Dakota, where we had spent part of our honeymoon in 1923, and had a part in the Hugh Glass Monument function with the poet. On our 1967 trip we stopped enroute at Crazy Horse;

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KORCZAK ZIOLKOWSKI - Mountain Carver - continued

then the "mountain carver" sculptor and the "word-sender" poet had a great meeting together. I took several pictures of them.

Many readers know that Crazy Horse died from a stab wound inflicted by a frightened soldier at Ft. Robinson, Nebraska on September 5, 1877, after the chief had been brought there for parley. As Neihardt indicated in the last lines of "The Song of the Indian Wars", his grave site is not generally known to any but a few older Indians:

Who knows the Crumbling summit where he lies  
Alone among the badlands? Kiotes prowl  
About it, and the voices of the owl  
Assume the day-long sorrow of the crows,  
These many grasses and these many snows.

- Submitted by J.D. Young

Thanks for the article, Mr. Young. It's good to have an article from you again in the Pick & Shovel. I appreciate your contribution each month and find the articles very interesting.

P & S Editor, Vera

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#### NOVEMBER BIRTHSTONE

TOPAZ is a hard, transparent mineral. It is a compound of aluminum, silica, and fluorine. Gem topaz is valuable. Jewelers call this variety of the stone 'precious topaz'. Best-known precious topaz gems range in color from rich yellow to light brown or pinkish red. It is one of the hardest of gem minerals. In the mineral table of hardness, topaz has a rating of 8, which means that a knife cannot cut it, and that topaz will scratch quartz.

The golden precious topaz is a rare variety of the stone. Most of the world's topaz is white or blue. The white and blue crystals of topaz are large, often weighing thousands of carats. For this reason, the value of blue topaz does not depend so much on its size as it does with diamonds and many other precious stones, where the value increases about four times with each doubling of weight. The quality of topaz largely determines its value. Blue topaz is often irradiated(exposed to radiation) to deepen and improve its color.

Topaz is found in many parts of the world, especially Brazil, the Ural Mountains of Russia, and the United States. Most precious topaz comes from Brazil.

Blue topaz is often sold as aquamarine, and a variety of brown quartz is widely sold as topaz. This quartz is much softer, less brilliant, and more plentiful than true topaz. Most of it is a variety of amethyst which heat has turned brown. The topaz is the birthstone for November.

Frederick H. Pough

World Book, 1982, Volume 19

TOPAZ is an important industrial and gem mineral consisting of aluminum fluosilicate. Large white masses of topaz are used in the ceramic industry for making spark plug insulators and other heat-resistant products. The name "topaz" is ancient, perhaps

- continuing

NOVEMBER BIRTHSTONE - continued

coming from a Sanskrit word meaning "fire" or "heat." It originally denoted a different mineral, probably the yellow variety of olivine now known as chrysolite.

Gem topaz is not necessarily yellow, as is commonly thought but can be blue, pale green, or colorless. The yellow specimens may be heated to become rose pink, and topaz often changes color when exposed to sunlight. Most gems sold as topaz are, in fact, the yellow variety of quartz known as citrine, a less attractive and less valuable stone.

Topaz is commonly found in pegmatite dikes as crystals that weigh up to several hundred pounds. Ordinary granite also may contain small grains of the mineral. The crystals are transparent to translucent and have a perfect cleavage. The action of hot acid gases on solidifying igneous rocks favors the formation of topaz and associated minerals such as fluorite, tourmaline, and cassiterite.

Brazil is the chief supplier of gem topaz, especially a site near Ouro Preto. Russia and Siberia have been noted for fine topaz for centuries. Ceylon and Nigeria are other sources.

Richard M. Pearl, Colorado College  
Encyclopedia Americana, '81 Vol. 26

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EDITOR'S NOTE:

My thanks to the Taylors for helping me collate the October issue of the Pick & Shovel. It turned the job into 30 minutes of fun. When it's done alone, be becomes "hours" of work! Anyone can come and help. Just give me a call.

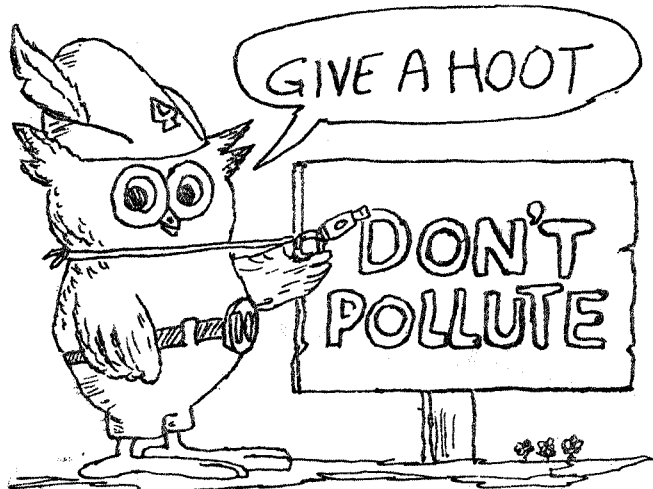
Thanks to Susan, Helena, and Mr. Young for their contributions to this issue. This makes our Bulletin much more exciting and we do need many more contributions.

Any article or story you feel will interest some members or all the members of the club, please either give it to me or send it to me. That will make our Bulletin interesting!

I NEED YOUR HELP! PLEASE!

HAPPY THANKSGIVING TO ALL!

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One of the greatest things we have to be thankful for is a free and beautiful AMERICA!

We can do our part to keep it that way.

PLEASE DON'T LITTER!

### CRAZY HORSE SCULPTOR DEAD AT 74.

Sturgis, S.D. (UPI) Sculptor Korczek Ziolkowski, who spent half his life carving a monument to Sioux Indian Chief Crazy Horse out of a granite mountain in the Black Hills, died Wednesday, on October 20, 1982. He was 74.

Ziolkowski's wife, Ruth, and nine of their ten children were with him when he died in a Sturgis hospital, family spokesman Robb deWall said. "The Crazy Horse project definitely will continue" deWall said. Ziolkowski left everything so that his wife and children could carry on in conjunction with the non-profit Crazy Horse memorial foundation board of directors. "Ziolkowski's whole life would be wasted if the project stopped after his 35 years of labor and all the momentum he has given it. It will continue and his family is dedicated to that end."

Ziolkowski was a member of the National Sculptor Society and was carving Crazy Horse monument at the request of Sioux chiefs who said they wanted "the white man to know the red man had great heroes too."

It was in 1947 when Ziolkowski, born in Boston of Polish extraction, started blasting away the first of millions of tons of granite from Thunderhead Mountain in a tribute to Crazy Horse, who defeated General George Armstrong Custer in the infamous battle of Little Big Horn.

"Everybody says I'm nuts," he said in an interview a few years after the project had begun. "Well, you've got to be nuts to do a thing like this." A "thing like this" is a 563-foot by 641-foot mountain carving of the Sioux Indian Chief on his stallion. The dimensions sound almost unbelievable: when completed, the horse's eye was to be 18 ft. wide and 16 ft. high; the head 22 stories high. By late 1981, a rough outline of the horse and rider were visible to passersby. And as if the sculpture was not ambitious enough an undertaking, Ziolkowski had visions of setting up an Indian Museum and University and Medical Training Center at the site. The project, located 5 miles north of Custer, never received public funding, but Ziolkowski raised more than \$4 million in the first 34 years of his work.

Ziolkowski felt he had a special relationship to Crazy Horse. The chieftain was bayoneted in the back and died when soldiers attempted to throw him in the guardhouse at Camp Robinson, Nebr., Sept. 6, 1877, slightly more than one year after he led thousands of Indians in the massacre of Custer and his 7th U.S. Cavalry troops at Little Big Horn. It was 31 years later to the day that Ziolkowski was born.

Submitted by Helena Baegl.

From The Lincoln Star,  
October 22, 1982.

NOTE: Marj Heedick and I, after the gem show at Rapid City several years ago, went up to Sturgis and visited Ziolkowski's studio. The sculptor was not there, but we were furnished binoculars to view the work at some distance. A most interesting visit. Contributions to the work are most welcome. Most of you have read, or heard the record, of Poet Laureate John G. Neihardt's very moving poem of the Death of Crazy Horse.

DEAR EDITOR. Please help let your club know about this before it is too late!

THE FOLLOWING IS OF EXTREME IMPORTANCE TO THE FUTURE OF OUR HOBBY AND TO THE FUTURE OF EARTH SCIENCE EDUCATION AND TO THE GROWTH OF OUR FEDERATIONS. PLEASE READ THIS. THEN PLEASE ACT NOW. WRITE LETTERS. HAVE YOUR FRIENDS AND FAMILY WRITE. ONLY LOTS OF LETTERS OF COMMENTS CAN HELP US NOW AND WE HAVE ONLY UNTIL NOVEMBER 19.

The Bureau of Land Management has proposed rules for collecting 43CFR which will go into effect unless there are lots of complaints, suggestions and comments from all over. The proposed rules would combine the collecting of all rocks, agates, minerals fossils, etc, with the old petrified wood law, but make it even more restrictive. The BLM said that not enough people are interested or will be effected for them to have public hearings on the subject. The proposed rules were published in the Federal Register August 17 1982 page 35914 following. See your nearest library or congressional office if your club does not have a copy. Ask for REVISIONS and PUBLIC HEARINGS when you write the BLM and send copies to your most influential representatives in Washington.

BLM address is Robert F. Burford, Director, Bureau of Land Management 1800 C, St NW. Washington D.C. 20240.

WRITE IN YOUR OWN WORDS. SEPARATE LETTERS ARE BETTER THAN PETITIONS.

1. Part 3631.0-5 will hurt hobbyists because 25 pounds a day as a total limit ( 250 pounds per year ) is unrealistic. In most large pieces found in the field, there is much waste material, but breaking things up in the field is destructive. The scientific way to collect is to take home as entire a specimen as possible and prepare it properly with diamond saw and/ or other specialized tools.
2. Pooling of limits should be allowed because clubs or families often want to take home a large specimen to give to a museum or a school or to use for the scholarship auction, or to give to a new public building or park.
3. These overly strict limits would discriminate against the collector from the east who saves for years to make a once in a lifetime trip to the public lands of the west. He can only collect 250 pounds then for a lifetime, while the person who lives in some of these vast collecting areas can get his limit every year. The rights of one-time-only collectors will be violated.
4. Collectors in this hobby are generous. They collect things to give to family and friends , to youngsters, to take to club members, to use for auctions and swaps. They are collecting these things to preserve them and prepare them and study them and use them for artistic purposes. They are not collecting to destroy. Strict enforcement of the proposed rules would promote hoarding of materials.
5. If a member of a family is out hunting alone and has his 25 pounds of agates and other gemstones and then finds a fossil bearing concretion which he knows another family member would love, does he dump his agates, or try to break out part of the fossil and leave just a few agates, or does he drive maybe 100 miles to get the other family member and rush back to the field to see if the fossil is still there?
6. A rule says that we may collect common fossils but not "rare" or "unusual" or "spectacular" or "museum quality" or something showing "evolutionary trends" Who is to decide this... who is to say whether a given fossil is spectacular .. and don't they all show evolutionary trends?
7. What about the rancher who has cattle on BLM land. If he throws some big rocks

2.

on the back of his pickup for ballast is he liable for fine and prison like the rockhound who might underestimate the weight of his finds?

8. How can these rules be enforced? Will there be an army of geologists, paleontologists, etc. with scales and lists of collectors and what they have collected during the fiscal year following all of us in the field?

9. Most collectors have always made their finds available for scientific study. Most museums and geology departments have benefited from working with collectors. A trained hobby collector who does this work because he loves it can contribute much to science. Most institutions do not have the money to do the amount of field work they would like, so they depend on amateurs. Many new minerals and fossils have been discovered by and named for amateurs.

10. Rule 3631.1-2 for scientists and museums calls for a group to wait 6 months for a permit to collect a fossil they have located. In 6 months nature will have destroyed most fossils which are exposed.

11. The scientists are given 2 years to complete the dig. A major dig can take much longer than 2 years.

12. Rule 3631.1-3 says the BLM sets a fair market value on the commercial collector's specimen's. The market value of many items, such as fossils, depends largely on the skill and patience of the collector, on the excellence of the preparation of the specimen, and on the time spent on it. Only the most knowledgeable experts can set a fair market value.

THESE ARE ONLY A FEW OF THE THINGS WRONG WITH THE BLM PROPOSALS. THEY SHOULD REALLY CONSULT WITH EXPERTS IN THE HOBBY FIELD, AND AMONG THE MUSEUMS AND INSTITUTIONS, AND AMONG THE COMMERCIAL INTERESTS. There are about 2 MILLION people who are interested in earth science or in the lapidary arts in some way. There are collectors, paleontologists, geologists, mineralogists, amateur field scientists, carvers, cutters, students, teachers, writers, magazines, club members, travelers, retired people, 4H and Scout groups, and a big cross section of Americans who would be affected by these rules. A careful revision of these rules should be aimed at helping rather than hurting these people.

It should be emphasized that nature herself is the big destroyer. Rain, wind, ice, sun, earth movements, etc. destroy many fine specimens which should be collected as soon as exposed by knowledgeable people.

More material is crushed for road work every year than hobbyists can possible collect and save.

Please do what you can. Be polite but firm. These rules could hurt our clubs and Federations and shows and educational endeavors more than we can possibly foresee. THE RULES ARE ABOUT OUR PUBLIC LANDS. HELP KEEP THESE LANDS OPEN TO US FOR SENSIBLE AND RECREATIONAL SCIENTIFIC COLLECTING.



June Culp Zeitner

When I received this letter from June, I felt the best way to reach all club members would be to publish it in our Bulletin. As she has said, please do what you can. It may make a big difference to many people.

My personal Thanks to June for keeping us informed and up-to-date.

Let's do our part!

# Midwest Federations NEWSLETTER

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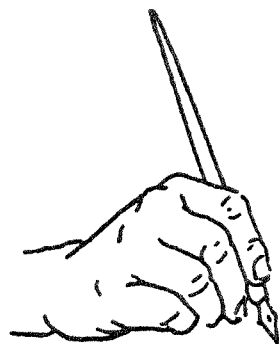
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OCTOBER 1982.- Issue No. 227



THANK YOU

MIDWEST

FEDERATION

A hearty thanks to all of you in the Midwest Federation of Geological and Mineralogical Societies. It has been a pleasure serving you as President. The number of people who have helped me with the business of the Midwest Federation is limitless.

Special thanks to the Executive Board for their support and at times, good-natured goading. Also thanks to the Executive Committee for their hard work for you, the members of the Midwest Federation.

A Very Special Thank You to JEAN REYNOLDS, your Midwest Federation Secretary. She used her unlimited patience with me.

Last, but not least, a special thank you to my wife, JACQUE, for her support and help. Without her beside me and acting as the Executive Assistant, it would take a lot longer to accomplish whatever needed to be done.

I hope you support your new President, DIANE DARE, as you have supported me.

LARRY NAWOJSKI, MWF President

## Stealing the Show

### TROPHY WINNERS MWF SHOW 1982

- TROPHY III - Thumbnail Minerals, William & Anne Cook, Mineralogical Society of Cleveland.  
TROPHY V - Minerals, Junior, Carolyn Sharp, Mineralogical Society of Cleveland.  
TROPHY VII - Cabochons, Thomas W. White, Independence Gem & Mineral Society.  
TROPHY IX - Faceted Stones, Lawrence F. Murray, Toledo Gem & Rockhound Club.  
TROPHY I - Lapidary, Junior, Marty W. Powell, Independence Gem & Mineral Society.  
TROPHY XII - Fossils, George & Donna Guest, Chamberlain Gem & Mineral Society.  
TROPHY XIV - Educational, Robert L. Mount, West Suburban Lapidary Club.  
TROPHY XV - Society, New Ulm Gem & Mineral Club, Morgan, Minnesota.  
TROPHY XIXIII Open Division, Eleanor Scheribel, Esconi, & Des Plaines Valley Geological Society.

### BULLETIN EDITORS CONTEST - MWF SHOW 1982 - AWARD WINNERS

#### Mini-Bulletin:

- 1st "Mastodon Tracks", Gertrude Larson, Editor. Badlands-Sandhills Earth Science Club, Mission, South Dakota.

#### Small Bulletin:

- 1st "Blue Ridge Gem", Alice Jacobs, Editor. Blue Ridge Gem & Mineral Society, Independence, Missouri.  
2nd "Newsletter", Charles J. Walker, Editor. Peru Rocks & Mineral Club, Inc., Peru, Indiana.  
3rd "The Rockfinder", Fred Niebauer, Editor. Michiana Rocks & Gem Club, South Bend, Indiana.  
4th "Flint Flashes", Helen L. Smith, Editor. Licking County Rock & Mineral Society, Inc., Newark, Ohio.  
5th "Rock Talk", Tanis Diedrichs, Editor. Black Hawk Gem & Mineral Society, Cedar Falls, Iowa.

#### Large Bulletin:

- 1st "Rock Tablet", Carol Anderson, Editor. Neville Public Museum Geology Club, Green Bay, Wisconsin.  
2nd "Sandscript", Catherine McFadden, Editor. Duneland Rock Club, Inc., Griffith, Indiana.  
3rd "The Pyritter", Lyle Voas, Editor. Dallas County Rock Club, Inc., Minburn, Iowa.  
4th "Worthen Worthy Notes", Irma W. Bradley, Editor. Worthen Earth Searchers of Hancock County, Carthage, Illinois.  
5th "Pebble Pushers", John Boland, Editor. Coulee Rock Club, Lacrosse, Wisconsin.

#### Extra-Large Bulletin: Five Bulletins tied for First Place with Perfect Scores.

- "The Beachcomber", Susan B. Turner, Editor. Lake County Gem & Mineral Society, Gurnee, Illinois.  
"The Tully", Betty Van Erder, Editor. Park Forest Earth Science Club, Park Forest, Illinois.  
"The Opal", Lois McMahon, Editor. West Suburban Lapidary Club, Lombard, Illinois.  
"Gem City Rock News", Rita C. Hagerbaumer, Editor. Gem City Rock Club, Quincy, Illinois.  
"Serendipity Gems", Luella Bond, Editor. Evansville Lapidary Society, Boonville, Indiana.

#### New Bulletin Editors:

- 1st "The Conglomerate", Paul and Marilyn Rempes, Editors. Michigan Mineralogical Society, Royal Oak, Michigan.  
2nd "The Crystal Clusters", Mary Ann Gaydos, Editor. Des Plaines Valley Geological Society, Niles, Illinois.  
3rd "The Gemrock", Kathy Elliott, Editor. Independence Gem & Mineral Society, Kansas City, Missouri.  
4th "Rock Rustler's News", Susan Prust, Editor. Minnesota Mineral Club, Shoreview, Minnesota.  
5th "The Pick and Shovel", Vera Lyman, Editor. Lincoln Gem & Mineral Club, Lincoln, Nebraska.

#### Special Publications:

- 1st "Famous Fossil Locations", Ralph L. Minnis, Jr., Author. Des Plaines Valley Geological Society, Des Plaines, Illinois.  
2nd "Come With Me to Missouri", Vivian Gilbert, Author. McDonnell Douglas Gem & Mineral Society, St. Louis, Missouri.  
3rd "The 25th Anniversary of Dallas County Rock Club", Lyle Voas, Author. Dallas County Rock Club, Minburn, Iowa.

#### Original Article (Adult Division)

- 1st "Some Minerals Collected in Mines at Rush, Arkansas", Paul Harris, Author. Ozark Earth Science Club, Mountain Home, Arkansas.  
2nd "The Enchanted Place", Catherine McFadden, Author. Duneland Rock Club, Inc., Griffith, Indiana.  
3rd "Painless Silver Picking (Well, Almost Painless)", Ray Lambert, Author. Lincoln Gem & Mineral Club, Lincoln, Nebraska.  
4th "Uncovering The Moon's Secrets", Joan Rucinski, Author. The Calumet Gem & Mineral Society, Highland, Indiana.  
5th "Siege at Fort Wilkins (1980)", Chester Smith, Author. Tulip City Gem & Mineral Club, Holland, Michigan.

#### Original Article (Junior Division)

- "All American Collector", Joey Boehning, Age 11, Author. Park Forest Earth Science Club, Park Forest, Illinois.

AN OPEN LETTER TO THE OFFICERS OF THE  
MIDWEST FEDERATION:

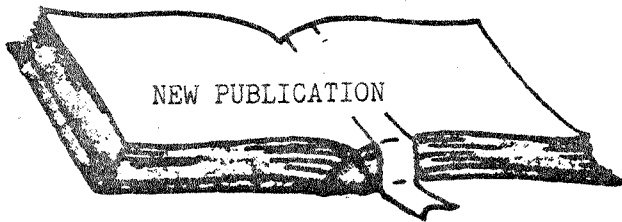
I came across an article in the March, 1982, issue of the "Midwest Federation Newsletter" titled "Child Protection" which troubles me a great deal.

First, I am a little unclear about just how the political opinions contained in this article relate to geology in general and rockhounding in particular.

Second, I am also a little confused as to whether those opinions are the personal political beliefs of HELEN NEUMANN or if they are official policy of the Midwest Federation. (I would be very relieved to discover that they are only HELEN'S personal opinions because I personally cannot continue my membership in the Midwest Federation with a clear conscience if we are sanctioning this kind of murderous legislation!)

Third, I emphatically disagree with the thesis of this article! Infant and child restraints may be desirable in most cases but in some cases they can CAUSE death (by trapping and/or crushing the child, for example). Those who, through legislation, forced the use of restraints in such cases would be guilty of murder! Persuasion is the answer to issues of this kind, NOT murderous coercion!

RICHARD W. SMITH, member of the Eastern  
Indiana Gem & Geological Society



"Geologic History of Ash Hollow Park" by ROBERT F. DIFFENDAL, JR., ROGER K. PABIAN, and J. R. THOMASSON is an educational circular. Ash Hollow State Historical Park is administered by the Nebraska Game and Parks Commission. It has been the site of human activity for about 9,000 years. The geologic history of the rocks exposed in the park goes back about 30 million years. This pamphlet details this history for us. Copies may be obtained from Conservation & Survey Division-IANR, University of Nebraska, Lincoln, Nebraska 68588-0517 for \$2.00.

Submitted by ROGER K. PABIAN

OUR SYMPATHY is extended to the families of:

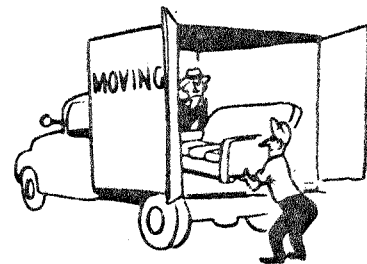
MAYBELLE WILCOX of Winner, South Dakota, who passed away Sunday May 2nd. MAYBELLE had served as State Director and held all the offices in her own club, the Rosebud Geological Society. During her term as State Director the South Dakota clubs won several awards and "Points of Interest", of which MAYBELLE was co-editor was a trophy winner.

TRUDY HOUSER of Cincinnati, Ohio, who died May 16th at her home. TRUDY was active in many organizations, including the MWF. Her outstanding mineral and fossil collections have been donated to the Smithsonian Institution.

FAYE O. KING, Liaison Officer for the Wabash Valley Gem & Mineral Society of Lafayette, Indiana. FAYE was one of the old timers of the club and a great loss to the rock hobby.

FALL EXECUTIVE MEETING

The Fall executive meeting will be held November 6, 1982 at Park Forest, Illinois. The host will be the Park Forest Earth Science Club. The meeting will be held in conjunction with the Park Forest Earth Science Club's 14th annual show.



**IF YOU MOVE...**

*please send us your new address so that your copy of the Newsletter may be sent to the correct address. And when you write, please give us your OLD address as well as your complete NEW address so we may make the proper change on our mailing labels. Be sure to include your zip code as this is most important, and necessary, to insure delivery. Allow 60 days for the change to be effective.*

*If you have any questions regarding your copy of the Newsletter, write to us at 2125 Forest Ave., Des Moines, Iowa 50311.*

# Midwest Federations NEWSLETTER

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NOVEMBER 1982 - Issue No. 228

## Your new Midwest President says...

DIANE DARE

Four hundred and ninety years ago, Columbus discovered a New World. You can also find "new worlds" when you Discover, Appreciate, Recognize and Experience all the areas of earth Science!

DARE

### COMMUNICATION

In 1818, BENJAMIN SILLIMAN, an American Chemist, founded the "American Journal of Science and Arts" to aid the development of American sciences. Swedish chemist JOHN JAKOB BERZELIUS (1779-1848) developed the system of letter-symbols for the elements, based on Latin names, that is now the international language of chemistry. Town physician in a German mining center, GEORGIUS ARGRICOLA, compiled "De Re Metallica" (1556) which summarized all the practical knowledge of the miners. LORENZ OCKENFUSS (1779-1851), a German naturalist, not only founded a biological journal to publish papers on biology, he also advocated annual meetings of biologists, physicians and natural historians so views on life sciences could be made public and shared.

Communication, sharing of information and ideas, is an important part of the Midwest Federation, offered through:

the Newsletter - BETTE SMITH, Editor, 10607 Mary Ann St., Zeeland, MI 49464

the Directory & Calendar of Events - BETTY MYERS, Chairperson, 455 Tomahawk St., Park Forest, IL 60466

the Bulletin Editor's Aids Committee - RITA HAGERBAUMER, Chairperson, 1537 Manor Hill Dr., Quincy, IL 62301

the Director of Supplies & Information - CLINTON HECKERT, Chairperson, 725 Stewart Ave., Elgin, IL 60120

and all of the State Directors and their assistants.

We'd like to hear from YOU - as clubs and as individuals!

### BEWARE OF CAVE-INS

HELEN R. NEUMANN

Each year lives are lost on construction sites because workers failed to observe simple precautions while working in trenches and ditches. Any trench, ditch, or excavation should be considered a potential killer. Even at waist height, when you bend over while working in an excavated area, the walls plus the removed dirt (spoil) can be well over your head. Make sure the spoil cannot slide into the trench because it is too close to the edges. Before you enter into a ditch or trench, make sure it is properly shored.

Work as a team, or tell someone that you are working in the trench and make sure they keep an eye on you. Have an escape ladder close by for a quick exit. (UA Journal, 1982)

Obviously this can be applied to rock-hounds who love to dig for rocks in quarries, outcrops and mines like the Emerald Mine in North Carolina. Had these rules been applied those killed there a couple years ago would still be with us.

CLINTON HECKERT, Director of Supplies announces:

Price change in the MWF Environment Patch; \$2.25 plus postage. Postage for 1 or 2 is \$0.20; 3 or 4 is \$0.37. Larger quantities the unit cost for postage goes less. Orders shipped first class mail.

NEW...MWF Patch, same design and color as the pins. Size is 3 x 3 $\frac{1}{2}$  inches. \$1.50 each, postage paid any quantity. Orders shipped by first class mail.

Both patches are colorful, well made and attractive in design. A beautiful addition to those eye catching vests that are becoming so popular to our hobby.

### WHAT DOES THE FEDERATION DO FOR YOU?

Before there were federations, there were no shows, few shops, few books, etc. They have popularized the hobby. Federation representatives can be called on for programs, speakers and information.

AGATE DAYS HONORARIUM

FLOYD and GLADYS CLARK, long time members of the Carlton County Gem & Mineral Club, were honored for their long and enthusiastic efforts at the Clubs annual Agate Days at Moose Lake, Minnesota, July 17. The couple were presented with an engraved plaque commemorating fourteen effort filled years of organizing, promoting and programing the yearly Agate Days Show - and for their work in developing the Agate Stampede which has become such a popular event.

The CLARKS were instrumental in organizing the Agate Days Show in the late 1960's when the show was held in a rented tent at Moose Lake. FLOYD recalls one of those early shows when a tornado brought the tent down around their heads and their displays early Sunday afternoon. This may have provided the motivation to move the event to the Moose Lake High School auditorium for the two day show.

FLOYD was also one of the originators of the Agate Stampede which has become a principal attraction of the Agate Days celebration. For the Agate Stampede a dump truck loaded with several hundred pounds of agates and \$50 worth of quarters is spread on the street in downtown Moose Lake. At the sound of a cannon shot the spectators leap in and begin searching the gravel for the agates and the quarters. The event has achieved such popularity that the Midwest Federation Show at the Minnesota State Fairgrounds invited the club to stage the Stampede for their event.

Submitted by JAN OLSEN, Bulletin Editor, Carlton County Gem & Mineral Club

HOWARD TAYLOR

HOWARD TAYLOR, Past-President of the Midwest Federation of Mineralogical and Geological Societies passed away September 7, 1982. He had been President in 1975-76 and at the time of death was Chairman of the Convention and Show Advisory Committee and had just completed arrangements for all the Midwest Conventions through 1986. HOWARD was Chairman of the American-Midwest Federation Show in Lincoln, Nebraska, in 1980 and did a lot of work on the national show there in 1974. He was a member of the Lincoln Gem & Mineral Society and the Nebraska State Association. Our condolences to his wife MARIE and his children.

NEW APPOINTMENTS

DIANE DARE has announced the following new appointments for 1983.  
 DR. KATHERINE NELSON as the Education Chairperson  
 JOHN BOLAND will be Environment Chairperson  
 PAUL GOOD as the Scholarship Award Selector Appointee (Joining FLORENCE HILL who was named to it by the Nominating Committee, and REX WEBB as Chairperson - REX is also our new MWF Director of the AFMS Scholarship Foundation since he is 1st Vice-President)  
 BILL MYERS as Illinois State Director  
 MILES SMITH will chair a new Special Committee on Swapping (similar to the Auction Committee - to set up rules, guidelines, etc.)  
 RITA HAGERBAUMER will be the new Bulletin Editor Aids Chairperson. She is Editor of the Gem City Rock News of Quincy, Illinois.

HONORARY MEMBERSHIP IN MWF

At the MWF Show in St. Paul, Minnesota, CLINT and MILDRED HECKERT were given Honorary Membership in the Midwest Federation. This reward recognizes the ten years dedicated service they have given as Director of Supplies. They have acquired and sent out all supplies necessary for the efficient running of the Federation. All new publications are handled through the Director of Supplies. The HECKERTS are residents of Elgin, Illinois, and are very active members of the Elgin Rocks & Mineral Society.

CONGRATULATIONS CLINT and MILDRED.

The awards for the All American Club Award Winners and the Midwest Club Award Winners were presented at the annual award banquet of the federation on June 26, 1982. Thirty-five clubs of the Midwest submitted applications and the committee picked twelve.

The committee consisted of five representatives, four clubs and three states. The committee members consisted of FERN PENNER, Peru, Indiana; WILLMA JOELNER, Terre Haute, Indiana; LUCILLE BISHOP, St. Louis, Missouri; KEITH ANDERSON, Flint, Michigan; and BENJAMIN MOULTON, Terre Haute, Indiana, as Chairperson.

The decisions were very difficult to make. The most disturbing weaknesses obvious to the committee in reading these experiences was in the lack of organization in some reports that made it difficult to evaluate them. The other factor was to make sure the report represents the activities of the whole club and not just a few members. The committee was much pleased by the variety and quantity of activities presented in the reports.

The winners are:

AMERICAN FEDERATION CLUB AWARDS

Evansville Lapidary - This club extends its activities to three cities and yet has a strong nucleus in Evansville with a well developed work shop as a nucleus. In the business world we would call it a "combine". The annual show attracts large numbers and the membership participates in many Midwest activities.

Gem City - A small club in a small community doing lots of things. A report that emphasizes attitudes and philosophy toward the organization as a group and relating its activities across to each other. An avid supporter of the Midwest. An outstanding informative monthly report. The club gets excellent publicity in local newspapers. The monthly meetings are varied and informative.

Tulip City Gem & Mineral Club - A small club with a giant size program. A club with total membership club projects resulting in such features as "The Windmill". This club enjoys its local effort and yet extends its good spirit to the Midwest through active members in the Midwest. It shares its resources with library, park and community programs.

Michiana Rock and Gem Club, Inc. - A club that in the medium size range sponsors a significant show each year and in addition sponsored a successful Midwest show in 1981. The club has the capability of operating with a spectacular flare. Programs through the years are varied and informative. The monthly newsletters encompasses all activities.

Wisconsin Geological Society - A club for all ages for all activities for all purposes conceivable in a club. Fruitful in every approach from membership interest to education and community service. A medium size club with a giant size program. A masterful piece of organization in the final organization.

McDonnell Douglas - One of the two clubs in the evaluation that received a score of 100 by at least one reader. This club that caters to all and services all. Something for everybody with hobby interests top-most. However, interest in the environment, energy and the welfare of the earth are actively pursued. A broad participation by all members of the club in one or more activities.

MIDWEST CLUB AWARDS

Peru Rock & Minerals - This small club has an amazingly active program in all phases of our interests. Several members participate actively in state and regional affairs of the Midwest. Singularly it is the highest percentages contributor to the AFMS Scholarship fund of any club in the Midwest. At the time of reading the application it was a whopping 3700% on the "Richter" Scale.

Mineralogical Society of Cleveland - An extremely small club with the least formal organization of any reviewed and a unity among members that apparently is enviable. The club has no newsletter or several other conventional features of a club. In its uniqueness is perhaps the single common interest that might well be a source of more fundamental mineral information than one would expect from a dozen large clubs. It is a Cul de sac of potential.

Desplaines Valley Geological Society - Although making an outstanding contribution of planning 30 programs a year and other activities, part and parcel of an active club outstanding was the club's interest in environmental conservation and wild life conservation. It expressed strong interests in a "Save the Eagle" program and in problems of solid waste disposal.

Ishpeming Rock & Mineral Club - This club of less than 100 members and twenty nine years old should be recognized as "Host for the Upper Peninsula" it has co-operated with so many clubs on field trips into the rich area. (Evan Canadian Clubs). Its long continued publication the Jaspellite is "the complete rockhound" for those that peruse its pages.

Blackhawk Gem & Mineral Club - A medium size club with a varied program encompassing the arts of the hobby. They have developed excellent publicity channels and have dispersed their knowledge from colleges to kindergarden in a variety of ways. Scholarship support in several categories is high.

Ozark Earth Science Club - If any doubt the potential of Senior Citizens to activate a club let doubts be removed by reviewing the activities of this club. This club is made up of 90% senior citizen members. The Midwest recognizes this unusual situation by noting their efforts. They represent a good model club.

BENJAMIN MOULTON, Chairperson Merit Awards

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*Advertising* by a rock-hobby business or interest is permitted with approval of the Board, at a rate now set at \$15.00 per full page per insertion, paid in advance.

1/2 page \$7.50, 1/3 page \$5.00 1/4 page \$3.75 (min). These ads will be placed throughout the bulletin as space permits.

*Subscriptions* to THE PICK & SHOVEL are \$5.00 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 - - November 27, 1982 General Meeting  
ELECTION OF OFFICERS FOR 1983

ANNUAL CHRISTMAS PARTY December 11, 1982

DON'T FORGET - - All the things you have to be thankful for  
during this festive time of year.

Always, and for everything, give Thanks!

HAVE A HAPPY THANKSGIVING!

See you all at the meeting!

---

Lincoln Gem & Mineral Club  
Box 5342  
Lincoln, Nebraska 68505-0342



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