

Oct 75

THE



J A S P I L I T E

Affiliated with the Midwest Federation
of Mineralogical and Geological Societies

Midwest Federation's NEWSLETTER

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



Issue No. 159 - November 1975

HOWARD J. TAYLOR

New president



Howard J. Taylor

Our Midwest Federation will be led in 1976 by an experienced set of officers. The Midwest has an advancement program wherein a second vice president moves into the first vice president position and then to president.

The 1976 President is Howard J. Taylor of Lincoln, Nebraska. Howard is a painting and wall paper contractor. He became interested in the lapidary

hobby in 1959 when his son was active in the Boy Scouts. He is a member of the Lincoln Gem and Mineral Club and during the past 15 years has held numerous positions in the club.

The First Vice President of the Midwest for 1976 is Miss Hazel Kuntz, Quincy, Illinois. Hazel was a commercial artist specializing in pen and ink and layout work before her retirement. She is a member of two clubs, The Worthen Earth Searchers, Carthage, Illinois of which she was program chairman, and the Gem City Rock Club, Quincy, Illinois. She has been State Director for Illinois this past year. Her main interest is in minerals with some work in lapidary when the time permits.

Second Vice President is Paul Good, Griffith, Indiana. Paul has served on Bulletin Editors Committee and showed outstanding leadership in this field. He served as President of his local club and as show chairman for local shows. He is an expeditor for a large manufacturing plant.

Midwest Treasurer for 1976 will be Milford J. Sharp, Fairview Park, Ohio. Milford has been a State Director for Ohio. He has had financial experience as local treasurer of his union. He is now a teacher in training of workers in installation and operation of switching equipment for Ohio Bell Telephone Co.

Miss Jean Reynolds continues as Treasurer of the Midwest for 1976. She has served in this capacity for nine years. Jean lives with her mother in Clarendon Hills, Illinois and has been with the Federal Reserve Bank in Chicago for 30 years, She is a senior cost accountant. Jean is a graduate of Northwestern University.

NEWSLETTER PRICE INCREASE

Effective November 1, the price of the Newsletter in subscription packets mailed monthly to the clubs will be 2¢ per copy, plus postage. This increase in price becomes necessary due to the continued increase in printing. Send your orders to Parrot Printing Service, 2125 Forest Ave., Des Moines, Iowa 50311.

NO DIGGING, PLEASE!

It may come as a surprise to many weekend "pothunters" - those citizens who go into the back country occasionally to search for arrow heads, pottery and other artifacts of the ancients - but there is a federal Antiquities Act that says thou shalt not dig on public lands without permission.

The Bureau of Land Management is the custodian of the public domain and responsible for protecting archeological sites. Indiscriminate digging with picks and shovels by individuals and groups, seeking artifacts for themselves or to sell, "destroys any scientific value at the site and removes a part of our national heritage," says E. J. Petersen, acting BLM director for Oregon and Washington.

The government means it. Two men caught digging in an Indian ruin in southeastern Utah were fined \$125 each and were sentenced to 30 days in jail, suspended, recently. But it is alright to pick up an arrow head or a pot lying on the surface as many do, without digging up the landscape. Excavations need a permit.

from American River Current

Bicentennial FEATURES

by June Zeitner



Lee Carter of Michigan Mineralogical Society has an article in The Conglomerate about Abel Buel, a Jeweller and "Lapidar" of the Colony of Connecticut in the year 1776. The Boston Gazette reported that Buel had discovered the "true method of grinding and polishing stones of value." In addition to being our first lapidary, Buel was a metalsmith, an engraver, a mintmaster and an accomplished counterfeiter.

The Kalamazoo Geological and Mineral Society (Michigan) has their 1976 show endorsed and promoted by the Bicentennial Commission of Kalamazoo County. The show theme will be "Michigan's Mineral and Mining Heritage."

DEATH TAKES FLOYD MORTENSON

Floyd Mortenson, past president of the Midwest Federation, died unexpectedly at Crystal Falls, Michigan Community Hospital on June 13, 1975. He and Helen had just arrived in Crystal Falls two days previously planning to spend the summer there. Floyd was born and grew up in Crystal Falls leaving there after he graduated from high school in 1922. He attended Albion College and the University of Michigan.

Floyd and Helen were married in 1931 and made their home in Pontiac, Michigan where he was employed by General Motors.

Floyd had two great interests that kept him quite busy - his masonic lodge work and his mineral hobby. He was a past master of his lodge and a past patron of his Eastern Star Chapter, both of Pontiac, and of the Hi Twelve Club of Seminole, Florida.

Besides being a part president of the Midwest Federation (1960-61), Floyd was also a past president and life member of both the Michigan Mineralogical Society and the Waterford Gem and Mineral Society of Pontiac.

Floyd and Helen moved to Florida after he retired in 1967. There they joined the Suncoast Gem and Mineral Club and the Tampa Bay Mineral and Science Club of Tampa. Floyd was an honorary member of several clubs in both Michigan and Florida where he had given programs or judged mineral displays. His latest contribution to the hobby was an article just published in the May/June issue of the Earth Science Magazine - "The Bristol Mine Selenite Crystals."

Helen plans to continue living in Largo, Florida, and as far as she is able, to be active in the clubs. She informs us that a memorial has been established in Floyd's name for the intensive care unit at the Crystal Falls Community Hospital. Helen's address is 63 Grosse Pointe Estates, 9900 Ulmerton Road, Largo, Florida 33540.

DIAMONDS FOUND IN WYOMING ROCK

Several tiny diamonds have been discovered in a rare rock west of Laramie, Wyoming, the U. S. Geological Survey reported.

The white diamond crystals were found in a fist-sized rock nodule believed to have been carried to the earth's surface from depths of 160 miles during violent volcanic activity 350 million years ago.

via the Detroit Free Press

LIGHT FOR GEM CASES

Old fashioned transparent light bulbs in which you can see the filaments give more and better light for gem cases for a given number of watts than the more common frosted type.

Welcome new members

Sterling Heights Gem and Mineral Club
Michael G. Kinney, President
40153 Regency Drive
Sterling Heights, Michigan 48078

Rocky River Valley Geological Society
Mrs. Edward Richards, President
111 East Woolcock Street
Jefferson, Wisconsin 53549

Chisago County Mineral Club
Mr. Eugene Johnson, President
Route #1
Center City, Minnesota 55012

Lombard Junior Geologists Club
Roger B. Sedgwick, Adult Sponsor
Lombard Junior High School
1220 East Knox Street
Galesburg, Illinois 61401

A GOOD SUGGESTION!

The editorial in the September '75 Rock Chatter of the Dayton (Ohio) Gem and Mineral Society begins, under the title of "What You Can Do To Help", with number 1: "Be friendly to our new members and visitors. Introduce yourself. Find out what that new person's interests are. Be helpful. You were new once. Remember the feeling?" The last note, number 11, is "SHARE. That is what it is all about." It sounds like they are on the right line to a good public image and courtesy commitment.

by Mrs. Allan Mogg, Public Image and Courtesy Committee



Johnny Horizon '76

Johnny Horizon '76 is a nationwide, action-oriented environmental awareness program to clean up America for our 200th birthday - and then keep it clean! Through citizen involvement, with government, business and industry support, the program gives full recognition to the emergent environmental/conservation ethic based on more thoughtful use of our natural resources.

via The Geode

Please Note... New Mailing Address

Our Midwest Federation Secretary is in charge of keeping our mailing lists up-to-date. When you move or your club changes officers, send these changes immediately to Miss Jean Reynolds, 107 Tuttle Avenue, Clarendon Hills, Illinois 60514. By doing this your Federation mail will reach you without delays or costly expense in postage. Continue to send your subscription orders for the Newsletter to Parrot Printing Service, 2125 Forest Avenue, Des Moines, Iowa 50311.

Season's Greetings

Midwest Federation's NEWSLETTER



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Issue No. 160 - December 1975

Midwest show report

by June Zeitner

International '75, the combined show of the Midwest Federation and the Central Canadian Federation, recently held in Detroit, was an outstanding success from start to finish. The show was held in the Light Guard Armory with Midwest meetings held at Mercy College. The show entrance was made glamorous by a spectacular orchid display. The focal mineral attractions were magnificent cases of minerals and gems from many major museums and well-known private collections. Competition was unusually close in both the American and Canadian competitive exhibits. Dozens of demonstrations and a busy swap area occupied the lower level, as well as some of the retail and wholesale dealers.

Well attended and enthusiastically received were lectures given by Paul Desautels, John White, Dr. Joseph Mandarino, Dr. Willard Parsons, Vincent Manson, Dr. A. D. Tushingham, Dennis Thorn and Mr. and Mrs. Donald Diller.

Terry Huizing, Midwest Federation President, called on Hazel Kunz at the council meeting to sum up the activities of the State Directors. He then asked First Vice President, Howard Taylor, to call on permanent committee chairmen for their reports. Kate Steinbrenner, Scholarship Chairman, introduced Mark Harris of the Selectors Committee, who presented a plaque to the Midwest Federation Scholarship Award Winner, Dr. Clayton Johnson. Dr. Johnson told of the work of the student who received the grant. June Zeitner, Merit Awards Chairman, presented the Honorable Mention Certificates for the All American and Midwest contests and also the participation certificates to the 73 Midwest clubs which entered this year. Blanks for the new All American competition were handed to delegates. Don Stinnett announced that there are five new programs for the use of clubs.

Terry Huizing presented a detailed report from the finance committee. Aply assisted by his wife, Marie, Terry showed the facts and figures of our finances - past, present and projected into the future. This included separate charts for our highest cost item, the Newsletter. After hearing the report, the delegates voted to raise the dues to 35¢ per adult club member and the cost of the extra copies of the Newsletter to 2¢ per copy. The council also voted to delete the Nomenclature Committee and to make the Credentials Committee a permanent committee. Haydon Peterson, Newsletter editor, was unanimously made an Honorary Member.

NEW PROGRAMS

Our program chairman, Donald Stinnett, announces three new programs are ready for booking to clubs.

"Beginning Lapidary" by the Flint Rock and Gem Club, Flint, Michigan: "Making a Silver Ring" by the Richland Lithic and Lapidary Club, Mansfield, Ohio and "The Headley Museum" by the Bluegrass Rock Club of Central Kentucky, Lexington Kentucky.

New programs are always welcome. If your club can supply a program, please write to Donald Stinnett and tell him what you have.

When you order, please order at least 30 days prior to your showing date and give a second and third choice to assure you of a program. Include the address where the program is to be sent and a check in the amount of \$1.00. Please do not send cash.

Send your order to Donald Stinnett, Midwest Federation Film Library, 29462 Aspen Drive, Flat Rock, Michigan 48134.

New officers were installed with Terry presenting the jade gavel to Howard Taylor. Also elected were Hazel Kunz, First Vice President; Paul Good, Second Vice President; Jean Reynolds, Secretary and Milford Sharp, Treasurer. Outgoing treasurer, Bernice McCloskey, was presented with a plaque of appreciation. The Past President's Plaque was given to Terry.

Special guests at the council meeting were Mary Anderson, President of AFMS and her husband, Russell, and Luellen Montgomery, President of the Rocky Mountain Federation.

Other events at the show were a micromount symposium and a meeting of the Friends of Mineralogy. The Editors' Breakfast, presided over by Paul Good, presented a panel of Russell MacFall, June Zeitner, Russell Kemp and Ellis Courter. Bulletin winners were announced.

The annual Awards Banquet was held Saturday night in Windsor. While not a traditional Midwest Awards Banquet, the entertainment of bagpipes and dancers was unique. Dr. Robert Gorman gave an excellent talk on ancient mineralogy.

The Federation is indebted to the Michigan Mineralogical Society and the Detroit area clubs for a memorable show and convention.

COMMITTEE APPOINTMENTS

President Howard Taylor announces the following committee appointments and reappointments for 1976.

State Director for Ohio
Samuel F. Kautz, 740 New London Road
Hamilton, Ohio 45013

Bulletin Editor
John McFadden, 1201 N. Wheeler
Griffith, Indiana 46319

Convention and Show Committee
Leo Yanasak, 3421 S.W. 14th Street
Des Moines, Iowa 50315

Newsletter Editor
Haydon Peterson, Route 5
Des Moines, Iowa 50317

Parliamentarian
Mrs. Calvin George
5 S 144 Webster Street
Naperville, Illinois 60540

Historian and Archives
Elmer Priggie
Berwyn, Illinois 60402

Honored as 'South Dakota Woman of Achievement'



June Zeitner

June Zeitner, Associate AFMS Newsletter Editor, has been elected the 1975-6 South Dakota Woman of Achievement at a recent convention of the South Dakota Press Women. She was selected for this honor for her many contributions as a professional writer, for her promotion of her home state in lectures and articles, and her involvement in cultural and community activities. Mrs. Zeitner will represent South Dakota at the National Press Convention next year in New Jersey.

June's citation also mentioned the work she has done for the American Federation of Mineralogical Societies and the Midwest Federation of which she is Past President and Honorary Member. June was on the staff of Earth Science for several years and is currently Contributing Editor and Columnist for the Lapidary Journal. She has been in charge of the State Stone Program since its inception and has been publicity chairman for the Scholarship Foundation. Her biography is included in Who's Who of American Women and the World Who's Who of Women.

By coincidence, the announcement of June's election came at the banquet in Huron, South Dakota at the exact time she was in Detroit presenting Merit Award Trophies at the Midwest Federation banquet. Asked about this, she explained that she had not expected to win but probably would have been in Detroit anyway as it was a previous commitment. She quipped, "I guess I am supposed to say it is more blessed to give than to receive. Nevertheless, I am very grateful and quite surprised by this recognition."

CORRECTION

In the November issue, we erroneously listed Jean Reynolds as Treasurer of the Midwest Federation. She is secretary. We regret this error.

COLOR MINERAL POSTER

The Mineralogical Society of America has designed and printed a full color mineral poster for use by clubs for any activity from special meetings to seminars, swaps and annual shows. The brilliant poster is an immediate attention getter with its sharp pictures and bold lettering. Besides explaining the importance of minerals and arousing the curiosity of the viewer, the large poster leaves three white spaces at the bottom for the club to fill in the who, what, when and where of the advertised activity. Such a poster would readily be accepted where it would do the most good and would project a quality image for the event.

Three of the 22" x 28" posters sell for \$5.00. Checks should be payable to the Mineralogical Society of America and orders sent to Multifacet, Inc., 6451 Fairborn Terrace, New Carrollton, Maryland 20784.

Your 1976 Regional Show Schedule

Here are the dates and locations of the six Regional shows in 1976. Note that the National show and convention will be held in Austin, Texas in conjunction with the South Central Federation show.

MIDWEST	ROCKY MOUNTAIN	SOUTH CENTRAL	NORTHWEST	CALIFORNIA	EASTERN
ST. LOUIS Missouri JULY 22-25	ROSWELL New Mexico JUNE 25-27	AUSTIN Texas JUNE 17-20 <i>National Show</i>	COOS BAY Oregon SEPT. 4-6	SAN FRANCISCO California JULY 2-4	BOSTON Massachusetts JULY 15-18

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Issue No. 161 - January 1976



So that our members can make plans well in advance of the Midwest annual show and convention in St. Louis, Missouri, July 22-25, we are printing the following information. Additional information will be reported in the Newsletter in the coming months.

The site of the 1976 Midwest Federation Show and Convention is the West County Exposition Center, 9785 St. Charles Rock Road in West St. Louis County just minutes away from Lambert International Airport.

The headquarters motel is the Ramada Inn, 9636 Natural Bridge, Berkeley, Missouri 63134, telephone 314-426-4700. This motel is about 1/2 mile from the airport, 1/4 mile from Interstate 70 and is about 1 mile from the show site. The Ramada Inn will provide free transportation to and from the airport and to the show site for their guests. When writing the motel for reservations, ask for "1976 MWF Convention Special Rates". The Show Committee has reserved 200 rooms and expects them to go fast so reservations at the headquarters motel should be sent in early.

The headquarters campground is "Pinewoods Park" located 1 mile west of Wentzville on Interstate 1-70 at AA exit. You may write the owners, Leonard and Ellen Grimm, Route 1, Box 314, Wentzville, Missouri 63385 or telephone 314-327-3248. This campground has fishing, recreation area, pavilion, olympic size pool and a large number of camp sites with no or full hookup. Teenagers will enjoy the "Rec" room which is complete with juke box, pin ball machines and pool table.

A complete list of recommended motels and camping facilities close to the show site will be available with the pre-registration material after January 1, 1976.

Gerald Hook, 932 St. Charles Avenue, St. Charles, Missouri 63301, telephone 314-724-5427, is the publicity chairman of the show and inquiries about the show should be directed to him.

YOUR BULLETINS RECEIVE ATTENTION

Across the desk of your editor come dozens of bulletins each month. Your editor is happy to receive these bulletins, and each one is reviewed. From them I learn much about the clubs in the federations, and from time to time find items and events that I report in the Newsletter when I feel they will be of interest to other clubs. If your club has staged an unusual event which you feel would be of interest to others, please write me and call it to my special attention so that I may report it in the Newsletter and give your club recognition.

TEMPORARILY OUT OF PRINT

Clinton I. Heckert, Director of Supplies and Information, has informed us that the following items are temporarily out of print:

- AFMS Approved reference list of classifications and common names for fossils 1974 edition
- AFMS Exhibitors Manual 1969 edition
- MWF Bibliography of Earth Science Materials 1972 edition
- MWF Program Aids Manual 1972 edition

As soon as reprints or revised editions are available, you will be notified via MWF Newsletter.

NEW PROGRAMS

Our program chairman, Donald Stinnett, announces that two more new programs are ready for booking to clubs.

"The Koster Site", 87 slides, an archeological "dig" by our own Archeological Committee, Richard Ade.

"Memories of Murdo", 46 slides, goes back to the 1969 convention in Murdo, South Dakota. Short but do allow for the laughs June Zeitner wrote into it.

Please place your order 30 days prior to your showing date and give a second and third choice to assure you of a program. Include the address where the program is to be sent and a check in the amount of \$1.00. Please do not send cash.

Send your order to Donald Stinnett, Midwest Federation Flim Library, 29462 Aspen Drive, Flat Rock, Michigan 48134.

NEW APPOINTMENTS

President Howard Taylor announced the appointment of Mr. Amin H. Steinhauser, 1511 Raymond Street, St. Paul, Minnesota 55108 as State Director for Minnesota and the reappointment of Mr. Wayne Henderson, 2186 Auburn Avenue, Holt, Michigan 48842 as Chairman of the Geology Committee.

Bicentennial FEATURES

by June Zeitner



Worried about pollution? Well, don't be! According to Dr. J. McKetta of the University of Texas, a large percentage of the pollution of this earth would be here whether man was a resident or not. Many scientists agree we should take our finger off the panic button. They point out our oxygen is not disappearing, that most water pollution is reversible and that the disappearance of some species is natural and continual.

Dr. McKetta's article, as reviewed by Kathleen Bolick in "The Tarheel Rockhound" of Hickory, North Carolina, states that we are not on the verge of ecological disaster. One of his major points was that most oxygen does not come from photosynthesis. He also points out that nature is the big boss in changing the environment. Example: There is more than 10 times the concentration of sulphuric acid in the natural water of Lemonade Springs, New Mexico as might be discharged by a coal mine. Example: The Mississippi carries over two million tons of natural sediment a year into the Gulf. Example: The Paria River of Arizona carries one billion tons of sediment a year.

The late Dr. William Pecora, who was head of the U.S. Geological Survey, said that all of man's pollution of the air during his millenniums on this planet do not equal the amount of noxious gas discharged by just three volcanic eruptions, Krakatoa, Katmai and Hekla.

Dr. McKetta is a member of the Board of Directors of the National Council for Environmental Balance and chairman of the Committee on National Air Quality.

All this is not an excuse for us to be negligent in our protection of our environment, but it is the type of balanced information we need when radicals scream that we are destroying our world.

A GIFT TO THE NATION

The Austin Gem and Mineral Society of Austin, Texas has chosen as their "Gift to the Nation" a rock trail which will be set up in the Rose Garden of the Austin Area Garden Center, in Zilker Park.

The dedication of this gift will be on Sunday, June 13 in conjunction with the opening of the National Gem and Mineral Show and Convention's Gem Capers.

ASK FOR COMMEMORATIVE ISSUES

Commemorative stamps are the ones most needed in the Stamps for Food Program which the Federation endorses and urges its member clubs to participate in. When you buy stamps for your letters or your club bulletin mailings, ask your post office for commemorative issues. Those receiving the bulletins and letters are urged to save them and take them to their club member in charge of the program in their club.

SCHOLARSHIP REPORT

According to our records, the Midwest clubs have contributed more than \$1,280.00 to the Scholarship Foundation since the Detroit council meeting. Clubs have advanced their Scholarship Status as follows:

Rosebud Geological Society	100%
White River Gem Society	600%
Heights Gem & Mineral Society	100%
Michiana Rock and Gem Club	1100%
Flint Rock and Gem Club	1000%
Wisconsin Geological Society	800%
Lakeland Gem Club	1100% & 1200%
Lawrence County Rock & Gem Club	900%
Pike County Gem & Mineral Soc.	500%
Lake County Gem & Mineral Soc.	1100%
Dallas County Rock Club	1300%
Duneland Rock Club	1100% & 1200%
Gem City Rock Club	300%

We do appreciate the wonderful support that our Midwest clubs are giving to the American Federation Scholarship Foundation.

Katharine Steinhilber, Midwest Scholarship Chairman

WELCOME! NEW CLUB!

500 Earth Sciences Club
Mr. Don L. Foltz, President
7401 N. Layman Avenue
Indianapolis, Indiana 46250

NEW CURATOR

The Special Displays Committee has a new Curator of the Holotype Display: Dr. Maurice Pascoe, 241 West Pine Street, Lancaster, Wisconsin 53813. Phone (608) 723-4010. Please contact him if you wish the Holotype Display for your show.

Mary McNamar, Chairman of Special Displays Committee



**THIS IS YOUR LAND
KEEP IT CLEAN**

OFFICIAL PUBLICATION
of the
ISHPEMING ROCK AND MINERAL CLUB, INC.
Published quarterly

OFFICERS & COMMITTEE CHAIRMEN - 1975

President	Frazier Tubbs	Ishpeming
1st Vice President	Carlton Gutman	Marquette
2nd Vice President	Ray Boerup	Gwinn
Secretary	Helen Johnson (pro tem)	Marquette
Treasurer	Arnold Mulzer	Marquette
Sunshine	Mildred Jenkins	Ishpeming
Publicity	Helen Johnson	Marquette
Finance	Ray Anderson	Marquette
Field Trip	Bob Phillips	Ishpeming
Safety	Leonard Bartelli	Marquette
Curator	C.R. Markert	Ishpeming
Scholarship	Marian Markert	Ishpeming
Hostess Ch.--Eleanor LaChance and Barbara DePetro		Marquette
Education	Vern Miljour	Gwinn
Jr. Member Co-ordinators	Pat Elie and Chris Miljour	Gwinn
Librarian	Ernest Johnson	Marquette
Bulletin Librarian	Edith Anderson	Marquette
JASPILITE Editors	Laurence and Olive Sain	Marquette

Deadlines: March 1, June 1, September 1, and December 1.
Meetings: 3rd Sunday of the month--2 P.M., Bothwell School, Marquette
 October through April. Field trips during the summer.
Membership: The Ishpeming Rock and Mineral Club, Inc. is open to any-
 one interested in the Earth Sciences.

Initiation fee.....	\$1.50
Husband and wife annual dues.	3.00
Adult annual dues.....	2.00
Junior annual dues.....	1.00

Material in this bulletin may be copied provided full credit is given
 to the author and the bulletin.

OUR PURPOSE

To enjoy, to learn, to teach and to conserve
 The rocks, the gems, the fossils and ores.
 To collect, to admire, to brag and to show
 The material we've found we'll trade for yours.
Bob and Marian Markert

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A Message from the President:

First I want to thank all the officers, committee chairmen, chairladies and committee members for working with me this past year. It has made my work much easier and more enjoyable for both Dorothy and I.

I also want to extend special thanks to Olive and Laurence for the wonderful issues of the Jaspilite not just this past year but all the years they have edited and published the Jaspilite. They are retiring after this issue and we are looking for someone to take over the job of putting out our bulletin. Let's have some volunteers!

We had a wonderful turnout at our Christmas party and I am sure everyone there enjoyed the dinner, program and the time spent in just visiting.

Our next big job is the Upper Peninsula Show next summer. Everyone of you who hasn't told us which committees you would like to work on please do so right away. We need the help of every member in the club to make this the biggest and best show we have ever had.

Both Dorothy and I wish everyone of you a Happy New Year with lots of enjoyable hours spent with your rock hobby

Frazier H. Tubbs

+++++

Dear Club members and exchange editors,

After five years of editing and publishing the Jaspilite, Laurence and I will be turning over our job to fellow club members with fresh, new ideas for putting out a better bulletin. Our background did not train us for the job but when the Smiths had put in about the same number of years and felt someone else should try their hand at it we offered to give it a try--and that we did to the best of our ability.

Although it does take considerable time and effort it has many benefits/rewards as well as oppertunities. First of all--the opportunity to be of service to the club and its membership, and secondly--the opportunity of exchanging bulletins with other clubs. One could go on and on with the plus side of the job.

We do thank those members who have furnished material for the Jaspilite so that it would reflect the interests and travels of our members. We have untapped talents within the club and hopefully those individuals will set aside some time to write for their club bulletin, sharing their knowledge and skills.

We wish the very best success to the new editors and to the 1976 officers

Laurence and Olive Sain

+++++
NOTICE***** Send your 1976 dues to the club treasurer*****
ARNOLD MULZER 322 Rock St., Marquette, Michigan 49855
+++++

.... NOTES from the SECRETARY'S MINUTES

Communications:

- (1) Fliers received about the 2nd annual Seminar sponsored by the Michigan Geological and Gemcraft Society to be held in April, 1976. Also tickets for the MGAGS raffle were received.
- (2) An application for the 1975 American Federation Awards and an award for participating in the 1974 award program.
- (3) A letter was received from Arlene Buehler, Michigan State Director requesting information for the new directory, payment of MWF dues (50¢ per member and \$2.00 for the total number of junior members) and listings for the Calendar of Events.
- (4) Lapidary Journal sent a letter explaining their club plan and giving subscription rates. Members were urged to purchase Lapidary Journal subscriptions from Arnold Mulzer, club treasurer.

Old Business:

- (1) At the MWF council meeting in Detroit on Oct. 11th there will be a vote on the recommendation increasing the MWF dues from 35¢ to 50¢ per member.
- (2) Arnold Mulzer contributed glass for making the two shelves needed in the club display at the Ishpeming Chamber of Commerce.
- (3) Bob Markert received a copy of Earth Science Magazine containing the article about 'Selenite in the Bristol Mine' which was written by Floyd Mortenson. This was given to the club library by Mrs. Mortenson.
- (4) Ernie Johnson reported that the Bothwell Middle School was again available for our club meetings.

Committee Reports:

- (1) The Sains need articles for the Jaspilite and urged members to report on summer trips or good hunting areas they have found.
- (2) Carl Gutman distributed program questionnaires which will determine the kind of programs club members want. Not many of the forms were returned but those received indicated many different program preferences. The information will be passed on to the new 1st vice-president for future use.

A series of programs on Showmanship will start with a discussion about cases to be given at the November meeting by Frazier Tubbs. At a future date Bob Markert will give another program on the subject of showmanship.

- (3) Vern Miljour asked for more participation in the bragging table. He recommended that a mini-auction be held at club meetings. This will be tried at the January meeting.
- (4) Ernie Johnson reported that Memorial books are being purchased as recommended by the Board and will be inscribed by Mrs. Dominica Carlyon.

New Business:

- (1) In order to shorten business meetings the Board recommended duplicating and distributing Secretary's minutes, Treasurer's report and Board recommendations. This was approved at the Oct. 19th club meeting on a trial basis for a few months.
- (2) The Board recommended that the Christmas party be held at St. John's Hall on Dec. 14th with a turkey dinner and salad bar at a cost of \$3.75 per person. Reservations cancelled after Dec. 11th must be paid.
- (3) Ray Anderson gave the club library one of Mac Frimodig's Bicentennial coloring books about the history of Marquette County.

.....next page.....

.....secretary's minutes continued.....

(4) Ray Boerup resigned as second vice-president because of his inability to attend meetings due to a conflict with his working hours.

(5) It was suggested that the club fix or purchase a new grinding wheel for the Bothwell School because of the deep groove in the wheel. Ernie Johnson will contact Mr. Summers about this.

(6) Ernie Johnson reported for the nominating committee which also included Arnold Mulzer and Ray Anderson. Nominations were:

- President.....Carlton Gutman
- 1st Vice President.....Robert Phillips
- 2nd Vice President.....David Proper
- Treasurer.....Arnold Mulzer

There was no nomination for secretary from the committee or from the floor. There being no nominations from the floor Bob Markert moved that the nominations be closed and the secretary instructed to cast an unanimous ballot for the slate of officers as presented. Motion carried

The committee needs volunteers to serve as secretary and editor of the Jaspilite. Dorothy and Frazier Tubbs offered to be publishers if someone else would serve as Editor. This would require duplicating equipment for the club or location of a printer or a person with the equipment who would duplicate the Jaspilite.

(7) 1976 Upper Peninsula Gem and Mineral Show.

It was announced that there would be a Treasure Trove at the Show.

Bob Markert has diagrams of the Lakeview Arena and the chairmen held a meeting there. The plans show space for 12 dealers at the show but the Board recommended just 10 dealers be asked to participate.

The area for displays is 80 feet by 200 feet.

Suggestions for the show included:

- (a) Chairmen be appointed for each type of display: educational, competitive, non-competitive and special.
- (b) A mini-mall appearance with trees and benches on which people could rest.
- (c) Check on the possibility of bringing in hot meals for the dealers only.
- (d) Sectioning off the west end of the arena for a rest area.
- (e) Guided tours for youth groups.
- (f) Send 200 copies of show programs to MGAGS prior to Feb. 1st for distribution with the MGAGS bulletin.
- (g) Have club members wear some type of clothing to differentiate them from the visitors.
- (h) All club members wear their name badges.

Respectfully submitted,

Pro tem Secretary's Helen Johnson and Dorothy Tubbs

*****WELCOME NEW MEMBERS*****

Mr. and Mrs. Truman (Marian) Atwell Johnson Lake, Box 14, Gwinn (summer)
1501 W. Heather Lane, Milwaukee, Wisconsin 53217 (winter)

Mr. and Mrs. Dennis Mapes 157 Sunset Dr., Negaunee 49866

Mr. and Mrs. Donald Steffen Peshtigo, Wisconsin 54157

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DUES ARE DUE.....DUES ARE DUE.....DUES ARE DUE.....DUES ARE DUE

REPORT FROM THE 1976 SHOW COMMITTEE

It would seem that August 6-8, 1976 is far off and we have plenty of time to get ready for the Upper Peninsula Show but it's a big project and we need this time. Your show committee under the guidance of Frazier Tubbs and Carlton Gutman has started to function and needs your cooperation.

The show will be held in the Lakeview Arena in Marquette. Because we have a large space to fill every member in the Ishpeming Rock and Mineral Club should put in at least one display. The officers and club members with experience in making up displays are glad to help the inexperienced. Programs at future club meetings will help by including instructions and advice for displaying in competition or making a display to look at.

If you need a case let your club officers know about it. We have plans for building cases and some work meetings could be held for those who want to build a case. The cases used in shops to display watches and jewelry are often discarded. Ask the store manager if you could have one of these cases when the store is no longer using it. Many of these cases can be used for your display without much alteration.

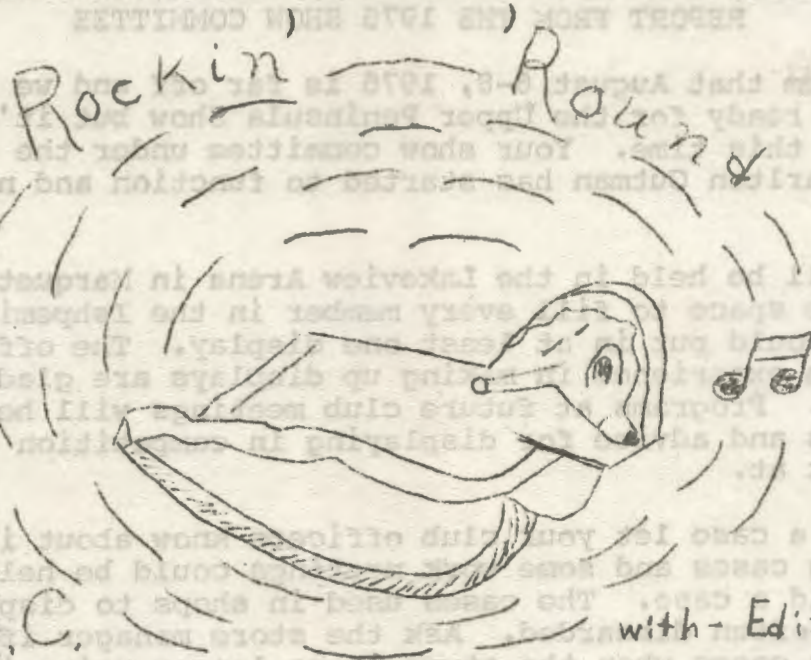
Displaying in competition is fun, educational and rewarding. It is not difficult but there are certain rules to be followed. We have copies of these rules in the club library and we also have copies of the rule book that you may purchase from the club librarian. The rules will be discussed at future club meetings.

Since the show is such a big project help will be needed from all the members and each person will probably have to serve on two committees. A list of necessary committees has been drawn up and was distributed at club and board meetings. Some members have volunteered to serve on committees of their choice. Let us know right away if there is something in particular that you would like to do. In the near future members will be assigned to the committees.

The show committee is open to suggestions for carrying out the Bicentennial theme. The suggestion has been made that the ladies working at the show wear dust caps and aprons to distinguish them from the visitors. Vern Miljour wore a red and white striped vest at the Christmas party which was made by Christine as a sample of something male club members might wear. How about historical displays in keeping with gems and minerals? Let us know your ideas. We are depending on you to help make this the best Gem and Mineral Show ever seen in the Upper Peninsula.

RECYCLE THOSE PLASTIC JUGS

If you cut the top of a plastic jug and retain the handle, you find you have a handy container for most anything. You can slip your blet through the handle when collecting rocks, leaving the hands free. If you punch holes in the bottom, it serves as a strainer when washing rocks or dipping copper in acid. If you cut out the bottom instead of the top you have a dandy scoop for throwing water when digging for selenite crystals in Oklahoma. You can also use it for bailing a boat. (E. Schmiedeknecht)..The Prospector



We hope you all had a happy holiday with families and friends and are ready to start the 1976 Bicentennial year with lots of promises to assist on committees to make it a good year.

Our big auction for the Scholarship fund takes place in February. Bring your extra rocks or anything else related to our hobby. We get a 100% rating per year if we send in \$1.00 per adult member. At present we are over the 500% mark.

Our U.P. Gem and Mineral Show takes place at the Lakeview Arena, Marquette on August 6-8. Be sure to sign up for everything you can do to help make it a big one. The arena is large and a good many exhibits can be used. Let's have at least one from every member. The Tubbs gave a very instructive lesson on choosing cases as well as material for backgrounds. The next talk will continue to tell you how "easy" it is to exhibit by following the rules. So get busy and if you haven't a case already you can get instructions for making one from members of the club. The Club also has a book of Rules.

Congratulations to Bonnie Proper on receiving second prize for the doll she dressed for the Christmas Doll contest held at the First National Bank, Marquette. Some of the dolls were given to needy girls and others auctioned with the proceeds used to purchase gifts for needy boys.

Our sympathy goes to James Quayle at the death of his brother and to the Bruungraeber family at the death of Glen's brother who was killed in an accident.

Jim Bowns spent many weeks in the hospital after a heart attack. He is now recuperating at home; we wish him a good recovery.

Jane Yelland spent a month visiting relatives and friends in New Jersey and thereabouts during the late fall. She had a good time, met some rockhounds and came home with many specimens to add to the family's rock collection.

Our last year has had a large enrollment of Junior members and they have

.....next page.....

.....Rockin' 'round continued.....

been a credit to the club. But they need leadership and at present we are without someone to guide them and keep them coming. Our business meetings are not usually for the young people. So we wish for offers from members to help. They are our future rockhounds. Will you help!

It was suggested we have a mini auction table at each meeting. Members can bring one or more rocks to be viewed before the meeting and the auction will be during the coffee hour.

Have you turned in your Progress and Volunteer sheets? Frazier is waiting to hear from you so as to make up the numerous committees for the Big Show in August.

Good News and Bad News. Dr. Laurence Sain has retired from Northern Michigan University after 21½ years in the Department of Industry and Technology. He and his wife, Olive, are looking forward to a busy retirement doing just what they want to do, especially as it relates to rocks. We wish them good health and lots of fun in their new Wagoneer. Now for the Bad News. Laurence and Olive have resigned as editors of the Jaspilite. They have served faithfully and well to put out a bulletin we can all be proud of. We express many thanks for the time and effort they devoted to making it one of the best. We shall miss them in this capacity but we know they have earned a rest.

Our Christmas banquet and party was a success. The hall was decorated and table favors made by Pat Elie's juniors and the wreathes for the centerpieces made by Eileen Dunham and Theresa Bemis were all lovely. Lots of door prizes and the gift exchange added to the holiday spirit.

Our attendance has been down at the last two meetings. Where were you? Mark your calendar with the third Sunday of the next five months and be at the Bothwell Middle School before 2 o'clock. We need you and miss you when you are absent.

The George Ruuska's have a new little rockhound at their house. Their fifth child, Christina Lyn arrived on December 26th. Congratulations!

Wayne Wilson wrote to say he was sorry to miss the club Christmas party and wishes all the members a Happy Holiday Season. The only time they miss the snow is at Christmas time.

George Bell received a letter from Harvey and Elsie Cropp who were at our August Rock Swap praising the well planned and run Swap. They also commented on "outreach" those extra acts of thoughtfulness, kindness, friendliness, etc which so many rockhounds seem to do so freely. "George Bell showed us a part of an organization that makes it a delight to be associated with rockhounds; going that extra mile to be helpful to strangers. You can be proud to have such members in your club who take it upon themselves to promote your group and area so generously. I'm sure we'll be back again."

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SHOP HINT-- Garbage can liners make good aprons when cutting and polishing rocks...and cold cream on the hands will help get the oil off if you put it on before you start to cut. (from Gem Time)

Planning your display for the 1976 Show

In judging exhibits a certain number of points are designated for the following qualifications: Showmanship, Quality, Rarity, Labeling and Variety. The largest number of points are often given for Showmanship.

SHOWMANSHIP

I. Type of case.

A. Northwest Federation case.

1. Box-like case measuring 4x4x2 ft. with a glass front.
2. Usually are made to fold up for easier transportation.
3. Specimens are displayed on risers.

B. Midwest Federation case.

1. Are 4 ft. long, 2 ft. high with 15 inch bottom and 5 or 6 inch top.
2. Have a slanting glass front.
3. May have glass shelves, but risers are preferred.
 - a. Glass will reflect light and may cause shadows.

C. Timex and similar display cases.

D. Flat cases with a slanting glass top.

1. Are especially good for lapidary work or displays of small specimens.

II. Lights

A. Northwest case.

1. Two 100 watt flood lights or three 75 watt clear bulbs.
2. Lights in top of case with plenty of ventilation around lights.

B. Midwest case.

1. Three 40 or 50 watt bulbs--clear preferred.
2. Lights in top of case with holes for ventilation.

C. Timex and similar cases.

1. Since these usually have lights timed to light different parts of the case at different times, they should be altered so lights will be on in the whole case at the same time.

D. Flat cases.

1. May be lighted on the sides or bottom as well as the top.

E. Lighting in general.

1. Lights generate heat so they should be well ventilated.
2. Ventilation holes should be in the top of the case--not in back where they can be seen.
3. Lights should be hidden by a face board so they won't shine in the viewer's eyes.

III Case interior--RISERS and LININGS

A. Risers are made of styrofoam or heavy cardboard covered by lining material.

B. Cases are lined on bottom, back and sides.

1. Lining material is stretched over panels or cardboard or similar material cut to fit the inside of the case, and should be wrinkle-free.

C. Fabrics

1. Color

Choose a color to complement your specimens.

Pastel neutral colors are preferred.

Use only one color.

2. Stretch fabrics are best.

.....next page

.....planning your display.....

3. Texture

Pronounced textures or patterns detract from the specimens and shouldn't be used.

Texture should suit the specimens. Ex.: velvet would be fine for faceted stones or lapidary work while burlap might be used with large specimens of wood, iron ore or copper.

Avoid shiny materials as they reflect light.

D. Paint the top of the case white to reflect the light.

E. Arrangement of risers and specimens.

1. Risers should be in various steps or levels.

2. Draw a sketch for a definite arrangement of risers in a pleasing pattern. (See pg. 9 of the Exhibitors Manual AFMS-1969)

F. Specimen arrangement

1. Don't crowd the case. Leave as much space between specimens as the specimen takes up.

2. Specimens should be balanced in color and size. Separate vividly colored or dark specimens.

3. Specimens with a definite point should point to the center of the case.

4. Avoid putting specimens in straight rows. Stagger specimens with larger ones in back and smaller ones in front. Put specimens in a semicircular or other interesting arrangement.

5. Don't hide any specimens - each one should be clearly visible.

G. Use of Mounts

1. Should enhance and not detract from the specimens.

2. Use grey wax or "Prop" for holding specimens in place. Don't use modeling clay. The heat will soften it and the oil will stain the lining or be absorbed by the specimen and spoil it.

This will be continued in the next Jaspilite with notes on other qualifications including labeling, quality, rarity and variety of specimens as well as Federation rules.

AMERICAN FEDERATION CLUB AWARD - 1975

Each year the American Federation selects Gem and Mineral societies that have done the most during that year to promote our hobby. The selections are made from the answers given to questions included in a form sent to all clubs.

An important part of a club's activities are the contributions made by the individual members. If you have done any of the following things during the year 1975 be sure to tell Frazier Tubbs about it.

1. Given talks about any phase of the rock hobby at meetings such as Boy or Girl Scouts, Church groups, Civic organizations or school classes.

2. Put a display of minerals, fossils or lapidary work in a public place such as schools, store buildings, window displays, etc.

3. Given specimens to groups such as Scout troops, Cub Scouts or school classes.

As an individual member of a club your activities are considered part of the club activities so let us know what you have done this year.

YEAR END 1975.....Faustin V. Anderson

We expanded our territory a bit by traveling through Lower Michigan in late October. Two days with my brother at East Tawas on Lake Huron where I picked up a nice piece of pink gypsum and the ball from a limestone concretion. The whole stone was too large even for show. Supper was lake trout caught from the shore of their property. Picked up a magazine at a Tawas City rock shop that told me where something is that I have been looking for the last two years. At Lafferty's Shop in Oscoda we watched him make a Petoskey stone bola in less than five minutes; mark the slab, cut it, grind it to shape and polish it beautifully. He said he could do Kona dolomite just as fast.

At a Mall in Saginaw the Indians had half the lobby where they had a large display of their handicraft accompanied by music and tribal dancing. We bought three necklaces, one with earrings to match for a mother and two small daughters.

We moved on to a motel between Clio and Flint as we have nephews at each place. Hit Royston's Rock Shop where we picked up some working material. Sunday morning roamed around on County roads and came to a coal mine on Walnut Road near Shiawassie Road in Corunna. We have a few sizable pieces of bituminous coal. I suggested that we should go to Lansing since it was only thirty miles away and the Central Michigan Rock and Gem Show was on its last day at the Armory.

We stayed at the Show all afternoon until it closed at six. I thought we should do a little advertising for our club so we pinned on our badges. Surprising how many people looked at them. We were watching an old fellow making a pair of pliers out of one piece of wood. He had all sizes from half an inch to six inches and they all worked. He was talking all the time about his hobby, after awhile he said to us, "Markerts have a stand over in that far corner, he is an old friend of mine." The badge was working. We finally reached their booth and they were doing a land office business. We stood there until Bob spotted us. He was quite surprised and called to Nin, "Look who is here."

This was our first of one of the bigger shows and they really put it on. Four rows of displays back to back the full length of the building with booths along the walls. A group was making things mostly lapidary with machines; some without machines. Can you imagine a fellow making a bola by hand? He was doing it and selling kits for you to try. Another fellow was making a round ball. He had a stand about a foot high with cupped top and a four inch square of abrasive cloth in his hand working it round and round. Must have been obsidian. Should have paid more attention, but as I look back, you can't make everything. You could buy or swap most anything. We had no swap stuff so ours was 'all buy' and we did plenty.

Our Clio nephew bought the contents of a lapidary shop for five hundred dollars, makes tears come to my eyes, from a 24 inch slab saw down to finishing tools with about a ton of rock. We spent an hour looking over the rough rock, had my choice but took only two and a handful each of polished Thomsonite and paint. How they are going to handle their lapidary is more than we can figure out. They both go to lapidary school evenings twice a week, operate a flower shop and he manages a private cemetery.

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.....Year end 1975.....

We rode around in a Cadillac, so smooth it felt like everything was moving but us. Supper at Frankenmuth where our beer was served in glass boots. They wrapped them up for us to take home. Very nice to fill with polished stones. At eight o'clock we sat outside and listened to music and watched a display of moving mannikins up on a balcony of the building. Have orders to pick up drift wood so should you see us on the beach with a weather beaten log in our rock bag you will know why.

Morning--off to Grand Rapids and Aleta's Rock Shop where I picked up a small tumbler motor that the Company could not supply. They sent me a complete tumbler for the price of a motor \$3.50. Good way to accumulate tumblers.

Evening at Traverse City but too late to look for anything. Morning--we drove to Arbutus Lake to see some old friends from Marquette. They had a Petoskey stone about two feet high that was really nice; the pattern was so distinct all over.

Spent the afternoon at Petoskey. The wind was awfully cold and the Lake rough but we managed to get a couple of bags full of Petoskey stones, some for cutting and polishing, a few oddities, two dried crabs, a three inch flat fish lure and a slight cold.

When I master that five minute bola this winter I'll know I've got it made for better bolas. Weight of the car when crossing over Big Mac had me worried a bit, but we made it all right with the bottom of the car dragging in the lake. Home at 10:30 P.M., 1150 miles traveled, learned a lot, good weather, good roads, lots of material and a very satisfying eight day trip.

.....Faustin V. Anderson & Lilly E. Johnson

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A RELATED STORY

(You may recall Vern's "how to plan a collecting trip" in the 2nd issue of the 1975 Jaspilite. They had their trip and here they share some of their experiences.)

This writing was due three months ago. It has been held up because the notes that my wife, Chris, took so faithfully are still missing. Maybe tucked away in one of the Thundereggs we picked up in Oregon.

We (Chris and I) left Gwinn early Sunday morning headed for Duluth, Minnesota. We stopped for a couple of hours at Moose Lake and found one beautiful Lake Superior Agate.

Our next stop (I will not include most of our night stops) was at Pipestone National Monument in S.W. Minnesota. We found the visitor's center was changed (more buildings) from our previous visit in 1969. The visitor's center has the craftsmen working inside instead of outside as they were doing previously. We purchased a peace pipe and 3 small pipestone turtles.

Then on to the Badlands where we went to the Interior beds. We found a

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.....a belated story.....

few prairie agate and some chalcedony. We also picked up some gumbo mud which stayed on the car for a long time (washed off in Portland, Oregon).

Our stop at Wall Drug Store took longer than anticipated. There is always something else to see in the next room. We parked ourselves that night between two \$10,000 + camping units and the average value dropped to less than \$7,000 (exclusive of the cars).

Our route then took us thru Keystone, S.D. where we tried our luck at a couple of old quarries. Nothing spectacular but the scenery was good. Then onward toward Custer. Near Custer we took a side trip to Crazy Horse Monument. (This is a story by itself.) In Custer, we were directed to a rock shop. The shop was really his yard. He and his wife were going to a potluck supper (rockhound style) and they invited us along. They had a rock auction. We donated a couple pieces of Kona for their auction and had a good supper. Later we were invited into the home of one of the couples for the night.

The next morning we were on our way west of Custer looking for several minerals at an old mine dump. After a 5 mile fruitless side trip with the car and an hour's walk we found the place (somebody had removed the sign we had been told to check). We met a geology class from a University in Ohio. The graduate assistant told me that the previous owners had used very poor mining methods so that the bulk of the wealth of the mine could not be obtained profitably.

Shortly after leaving the Custer area, we were in the Grasslands (dry, no trees, no houses and no cars on the highway). We were in Wyoming then south on U.S. 85 to Lusk and on to Douglas where we hoped to find our way to a petrified wood area SW of Douglas. After making several inquiries and getting shrugs or blank stares, we finally found a gas station attendant who dampened our enthusiasm. Yes, he knew the route to Medicine Bow from Douglas. "Maybe you could make it with a 4 wheel drive but not with that" was his comment referring to my Vega station wagon.

We quickly decided we would bypass the Petrified Wood area and go to Ramsutter for Turritella agate. After spending the night SW of Casper, Wyoming near the intersection of State Highways 220 and 487 we went south on 487 which would take us to Medicine Bow. Fifteen or 20 miles out on this road we came to another State Highway (blacktop) which was headed in the right direction for our petrified wood. We came to mining activity along this road and signs saying this was land being used by the Getty Oil Company. A few miles further on we came back to Wyoming 487 and continued on to Medicine Bow where we stopped for breakfast. But not before noticing several large pieces of Wood on the outside of the restaurant.

The waitress knew nothing about the source of the wood and the owner was not available. But she said maybe the proprietor of the rock shop one block away could help us.

Madge Gantz, a wonderful woman in her early 70's, was a marvelous source of information, stories and what not. Over several cups of coffee, she gave us her background and her knowledge of the area. She said only

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.....a belated story.....

threw a couple of people out of her shop and that was for making slighting remarks about her coffee. After looking over her wares which were displayed on gambling tables (Rockshop was a former gambling house) we bought several pieces of local material which we could not expect to collect. When she gave us directions, I excused myself and began to laugh, the directions were --go 22 miles north on blacktop 487 then right on 87 for 11 miles where you'll see a Getty sign. Turn right on the gravel road which leads between two of the mining developments. If you want small pieces hunt near the blacktop road. If you want larger pieces go in about 2 miles and hunt the left side of the road. We did both and at the second stop found several pieces which weighed 10 to 15 pounds. We met a family of 4 from Wisconsin who were on a two week trip. They did very nicely.

We returned to Medicine Bow and Madge to thank her and left a little more green paper in her possession. We also visited the Virginian Hotel. Owen Wister wrote "The Virginian" about the hotel and lived there.

The next morning found us leaving I-80 at Wamsutter and heading south and then west to Delaney's Rim, the site where Turritella, Oolite and Algae agate are found. The improved dirt road was getting dusty but showed signs where there had been some very bad mud. I was thankful that I was there in the middle of June and not the middle of May. The two main turnoffs (no - no's) were to the left. I was worried about getting to the top of Delaney's Rim but the road near there was graded smooth and straight. There was no trouble getting to the top. Once we were at the top and going a short distance--maybe $\frac{1}{2}$ mile we saw evidence of Turritella. After parking we began looking and as I had read previously it was strewn all over the ground. Some was junk but the good material had a sharp ring when tapped lightly with the rock pick or another good piece.

We moved on several miles and found some oolite and later a couple pieces of algae agate. On our way back, the Wisconsin family was at the Turritella area. We talked and exchanged picture taking. The material removed from the rim was well within the legal limit. Upon our return to Wamsutter, we picked up the earlier treasures that had been stashed near a gas station.

The next stop was Rock Springs where we hunted up a freight office to ship to Michigan 300 plus pounds of treasures. Also somebody stole our new gas can filled with white gas for our camp stove. Everything was very dusty in town. A woman at the freight office said that there was nothing they could do about the dust. One day she prepared for visitors and paid particular attention to the mirror in the bathroom. Her company arrived and a few minutes later she found a note written in the dust on the mirror "clean me". Her comment was "I could have killed him"

Later in Green River at a restaurant we met a soda miner and got some background on the area and its mining. We purchased a postcard showing a headlike rock formation. We asked where the head was located. The man did not know. A few minutes later, while buying gas nearby we glanced to the south of town and there was the "Mand of the Mountain". Motto: "Ask the local people what there is to see near home!"

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BITS AND PIECES.....Arnold Mulzer

This is the first day of the rest of your life--enjoy it. Being a rockhound, one's interest turns to an old mine dump and this in turn leads us to the working mines such as the new Tilden. Working on the railroad I know that the mine is shipping 4,000,000 tons of pellets yearly. Also that various ingredients are hauled in and spotted daily such as caustic soda from Painesville, Ohio; acid from Mapleton, Illinois; silicate from Kansas City; corn starch from Muscatine, Iowa; bentonite from Casper, Wyoming and quick lime from Superior, Wisconsin. A lot of different people and industries get into the act and the economy of central Upper Peninsula spreads out over our nation. Let's go even further, Canada is the major supplier of grinding balls. Of course, a percentage of our ore goes to them also.

The last issue of Cliffs News ran an interesting article on Frank Matthew's Museum and his collection of mine artifacts. I believe every rockhound should visit his place; never heard of one disappointed after visiting the museum.

Within the last two months, the Green Press published an article on Bob and Marian Markert telling of their interest in mineral collecting over the past 25 years. I will have Xerox copies at the next meeting for our members. (Perhaps the article can be printed in a future issue of the Jaspilite so that out of town members and exchange clubs will have the opportunity of knowing more about the organizers of this club.)

In making earrings or cuff links, it is sometimes difficult to get matching pairs of gem stones -- cut or tumbled. Rufus Maynard has a large collection of tumbled Thomsonites. Get in touch with him and maybe you two can do some swapping and both end up with something satisfying to both parties.

Took in the Midwest Show in Detroit in October. Had my brother with me; he's no rockhound yet but he watched my table while I did some successful swapping. Met swappers and friends that were at our August Swap and made some new friends, too. By accident I ran into Ray and Edith Anderson who drove over from Flint with their son. Comparing the show in Detroit with the 1974 Show in Lincoln I'll have to go along with many others that the Lincoln Show was tops--better dealers, better area and better weather. Course the one at Lincoln was a combined Midwest and American Show.

In reading exchange bulletins, I find a number of clubs raising their dues. We all know costs have gone up. I have a couple of ideas that could save our club some money. Pay your dues at our meetings--13¢ plus an envelope saved. Renew your Lapidary Journal through the club agent--the club gets \$1.70 per renewal. Pay dues on time; don't wait for the reminder card.

Send your dues to me, Arnold Mulzer at 322 Rock St., Marquette, Mi. 49855

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"It isn't your position that makes you happy or unhappy it's your disposition".

"The man who really wants to do something finds a way, the other finds and excuse."

.....a belated story

is the poor drainage. At a rock shop in Burns, we saw several types of obsidian (including green), wood and thundereggs; all within a reasonable distance--maybe later. Around Burns the mosquitoes were plentiful. In the nearby town of Hines, there was a large sawmill from which trucks formed a steady stream eastward.

About 50 miles west of Burns is the Glass Butte area where obsidian is very plentiful and where the pebbles used for gravel weight up to 10 lbs.

Between small snow flurries and with a temperature of about 32°, we collected several types of obsidian. Most of it was collected just walking the two rut roads. Directions to Glass Butte are easy to come by in the area.

We were on our way to a breakfast in Brothers; then over to Prineville to check on the Pow Wow and then on to son and daughter-in-law, Mike and Doreen Miljour in N.E. Portland. It was good to see them.

Later we made trips to other areas which will be related in future issues.

.....Vern & Chris Miljour

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LAKE SUPERIOR--KEWEENAW AREA FIELD TRIPS - 1976

The Midwest Geology Committee is planning another double field trip this summer. TRIP A: Wayne Henderson will conduct the trip around the north shore of Lake Superior during the week of August 1. Trip B: Don Clarke will lead the Keweenaw tours from Copper Harbor during the week of July 26.

People may sign up for either or both trips. The group will be limited to 50 adults, with their children of suitable age. Registration will close either June 1, or when the limit is reached; whichever comes first.

Registration fee is \$15. for the both trips per adult or \$7.50 for one week only. Applications should be sent to Don Clarke (phone 517-892-5898) 1107 Maple, Essexville, Michigan 48732. The application should include: week or weeks desired, names of people in the party and proper fees. An acknowledgment and more complete information about the trip will be sent on receipt of application.

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PET ROCKS



Gary Dahl and advertising man from California really hit on a 'bonanza' when he came up with the idea of having a "pet rock" instead of the usual cats, dogs, gerbils, fish, etc. Most of the gift shops now feature these "pet rocks" each housed in a small cardboard carrying case. The rocks are about the size and shape of large eggs and nestled in excelsior.

Part of the appeal for these 'pets' is the amusing care and training manual he wrote teaching rocks to roll over(hills make good training sites), come to heel and play dead. Pet rocks are good at sitting, lying and playing dead but shaking hands is out.

.....a belated story.....

Continuing on I-80 W and SW, we bypassed Salt Lake City and headed for the large copper mine at Bingham Canyon, Utah. The place was big and scary. (Another story could be written on this from brochures picked up in the area.) Waste disposal creates a very big problem. From Bingham Canyon, we went to the Great Salt Lake and on to Salt Lake City. It took about two to three hours to visit the several places of religious significance in the area.

Continuing north we took a side trip to the Golden Spike, N.M., where the original train engines have been returned and every so often take part in the historical celebration of joining of the East and West. The country hereabouts is bleak and barren. The grade to the spike area was very steep and the track was abandoned years ago when a better route was found.

Back on I-80 (intermittant) we came to the turn off for Twin Falls and Shoshone Falls (210 ft. high). The falls were beautiful but according to a Twin Falls native, they are seldom seen in their glory because the water is used for irrigation. Then on to Buhl, Idaho for a side trip to the world famous "Balanced Rock". Then back to Snake River and the Thousand Springs area before Hagerman.

It seems strange to see a river about 100 feet wide flowing toward you, then to try to find the same river by driving around the spot on three sides and not seeing a trickle of water. (The water pours out of the lava from miles away.) A fish hatchery and a large power plant use this water before it enters the Snake River.

Remembering an article in one of the magazines, we went to the small town of Bruneau and beyond to look for small limb casts. I had my directions correct and found a few of the things. This was very desolate country.

The next morning we approached Boise where I found myself going west on the east bound lane within sight of the capitol at 6:00 A.M. while looking for a restaurant. At the first intersection I made the necessary correction and did not receive a citation.

On to Homedale, Idaho and Graveyard Point. We found the general area. The weather was hot and our wills to dig were not there. We did find a few pieces that showed promise. The Graveyard Point area covers many square miles. There are several irrigation ditches lacing the area.

Next the Succor Creek area drew us and we found something that could be picture jasper. This was cut short because, the highway department uses gravel that goes thru a six inch screen or larger. I did not want to leave my oil pan on the road. Next was a side trip (on blacktop) to Cwyhee Dam which impounds water for about 40 miles on the Owyhee River.

We got back to U.S. 20 going west and headed for Burns. Along the way Stinking Water River and Mountain were passed; both areas where several goodies are found.

Near Burns we noticed stagnant water on the flat land. Later we were told that the area gets very little rain but the reason for the water

.....next page.....

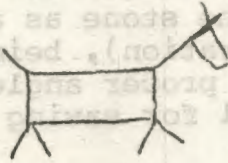
Turquoise and silver jewelry has reached a new high in popularity so I though you would find this page interesting.



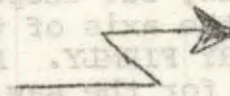
BUTTERFLY
Beauty



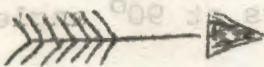
BEAR TRACK
Good Cmen



HORSE
Journey



LIGHTNING
Swiftiness



ARROW
Protection



RAIN CLOUDS
Good Prospects



LIGHTENING SNAKE
Swiftiness



SQUASH BLOSSOM
Fertility



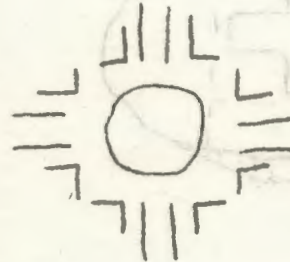
ARROWHEAD
Alertness



SUMMER BIRD
Prayer for Warmth



THUNDERBIRD
Bearer of Happiness



SUN SYMBOL
Happiness

THESE ARE SOME OF THE SYMBOLS
ON MANY PIECES

OF INDIAN DESIGN JEWELRY

HOW TO MAKE A CROSS

(Courtesy of San Francisco Mineral & Gem Society. Edited by Hen Owens, Mineral & Gem Society of Castro Valley.)

CROSSES are popular pendant pieces, usually flat with a rectangular cross section.

SAWING: The slab should be not less than 3/16" thick and not more than 1/4" thick. On an area free from flaws and using a double template, if possible, mark around the outline. Saw off the excess material as illustrated, making a rectangle a little larger than your cross. Now saw out corner pieces of stone as illustrated. NOTE: Because the saw blade will undercut (that is, saw deeper on the bottom of the stone as an angle to align with the axis of the arbor (see illustration), being sure to HOLD THE STONE VERY FIRMLY. A wooden wedge of the proper angle with a slot in the middle for the saw blade is very helpful for sawing inside corners as it also helps prevent undercutting.

GRINDING: USE STRAIGHT, TRUE WHEEL

Coarse grind out the corners of the cross on the side and edge of the wheel. (See illustration) Check stone to keep the bars at 90° angle. Take care not to grind a curve into the sides.

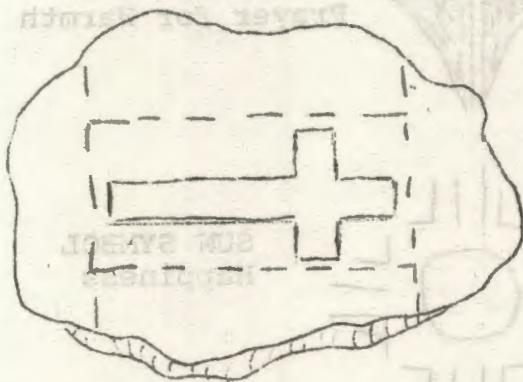
DOPPING: If you are making a small cross, you may want to dop it before sanding it. Use a dop stick slightly smaller than the width of the stone and use enough wax to support but not extend over the edge.

SANDING: On straight, smooth cratex wheel or a sanding drum in good condition, sand the flat side first, than the bar sides.

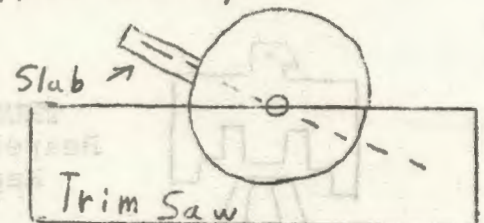
POLISHING: Polish on leather or felt buff with tin oxide.

Note: Remember to keep the angles true and sharp. Make sure you sand and polish well into all corners.

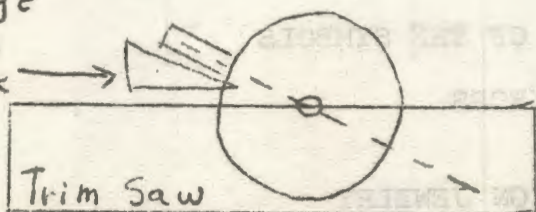
Via- The Template



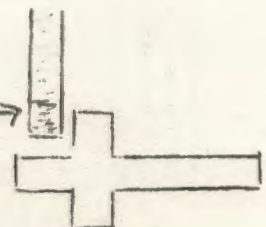
Hold Firmly



Wedge
wood
Block



Grinding
Wheel



PAINTING WITH STONE.....Val Cyzak (Blab and Slab)

Painting with stone cannot be considered a new art form. It may have been overlooked for hundreds of years, but early cavemen did this type of painting in a crude form. It can be a laborious task which requires much stamina and the never ending desire to turn out a work of art.

The first step in painting with stone is collecting suitable colors of stone to be pulverized. This can be very frustrating, since all stones with color do not retain that color when pulverized. A scratch test may be made on the back of a ceramic tile to determine which stone will leave a streak of color.

The second step is crushing and sifting the stone to the desired consistency. The stones are broken down as fine as possible with a hammer on stainless steel, then ground by hand in a mortar and pestle made of material that will not discolor the stone. This mortar and pestle may be of glass, porcelain or ceramic. I do not use iron mortar and pestle as the color of the stone seems to take on a dirty look when grinding stone in it. The fine stone is then sifted several times through nylon to the fine texture one desires. This stone may then be placed in containers and labeled for future use.

The third step is selecting a suitable subject to be painted. The canvas board, masonite; which has been prepared with gesso (an artist medium) or a suitable material of your choice, may be used. After a light pencil sketch is made, you may combine the sifted stone with an Acrylic Polymer medium or a binder of your choice, select an artist brush for oil painting and begin. If the consistency is too stiff or too thick, a few drops of water may be mixed with the stone. One or more colors may be mixed together to get the desired result. Plastic jar covers are very useful as a palette, as these may be discarded when through painting for the day. It is never a good idea to rinse the stone mixture down the drain as this may result in trouble.

STONES THAT MAY BE USED FOR COLOR

Psilomelane.....Black	Azurite.....Blue
Anthracite Coal.....Black	Purpurite.....Purple
Gypsum.....White	Orpiment/Realgar.....Yellow
Cinnebar.....Orange	Sulphur.....Yellow
Hematite.....Red	Opalized Wood.....Yellow
Minium.....Orange	Limonite.....Yellow
Turquoise.....Blue	Malachite.....Green
Lapis Lazuli.....Blue	Green Petrified Wood.....Green
Shattuckite.....Blue	Goethite.....Red-Brown
Crysocolla.....Blue	Rhodochrosite.....Pink

+++++

**To orient asteriated rose quartz or similar stones, wet the stone with refractol and shine a pencil flashlight through the bottom of the stone. Turn the stone until the star is seen. Slab perpendicular to the axis of the light.
 **Defects in crystals can often be hidden by an application of mineral oil or HUSH. Hush is a window lubricant available in auto service departments.

The Illinois State Geological Survey offers 78 different Field Trip Guides. Each guide covers a one-day tour and gives explanations of the geology of that region. Most of the guides include at least one rock, fossil or mineral collection locality.

The field trip guide leaflets are free, except for large orders which require more postage. Itinerary maps for every field trip can be purchased at 10¢ each. The maps show the topography, the routes followed, and the geologic features discussed. The guides and maps can be obtained by writing the Illinois State Geological Survey, Natural Resources Building, Urbana, Illinois 61801.

The Survey is offering two field trips in the Spring of 1976. On April 24 they are conducting a tour of the Carrollton area, and on May 22, there will be a tour of the St. Anne-Momence area. To obtain more details on these tours, write to the Geological Survey at the address mentioned above.

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JASPILITE

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