

Marie C. Niebauer
174 E. Cleveland Road
South Bend, Indiana 46637

FIRST CLASS MAIL

THE ROCKFINDER

FEB 1976



MICHIANA ROCK AND GEM CLUB, INC.
1976 BOARD OF DIRECTORS

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Past Pres.....	Jess Wise	1513 Clarendon Ave. Niles, Mich. 49130

COMMITTEE CHAIRMEN

Program.....	James F. Russell	27911 North St., No. Liberty, 46554
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	Wayne Lilley	2422 Hollywood Pl, So. Bend, Ind. 46617
Historian.....	Bess Wise	1513 Clarendon Ave, Niles, Mich. 49120
Field Trips....	Frank Elwell	105 No. Ironwood Dr. So. Bend, Ind. 46615
Safety.....	Leslie Van Wormer	Rt. #5, Box 113, Elkhart, Ind. 46514
Sunshine.....	Pauline Kelsheimer	19137 Dresden Dr. So. Bend, Ind. 46637
Scholarship....	Catherine Grayckowski	1111 No. Huey St. So. Bend, Ind. 46628
Display.....	Jess Wise	1513 Clarendon Ave. Niles, Mich. 49120
Publicity.....	Sherry Russell	27911 North St. No. Liberty, Ind. 46554
Membership.....	C. L. Mortensen	913 So. 36th St. So. Bend, Ind. 46615

THE MICHIANA ROCK AND GEM CLUB, INC., a non-profit organization, is affiliated with the MIDWEST FEDERATION OF MINERALOGICAL & GEOLOGICAL SOCIETIES and with the AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES.

REGULAR MEETINGS

TIME: 2:00 P.M.	PLACE: Nature Center
Fourth Sunday of Each Month	Rum Village Park
June - Field Trip Meeting	2626 So. Gertrude Street
July - No meeting	South Bend, Indiana
August - Annual Picnic	

DUES

Individual - \$3.00 per year Family - \$5.00 per year Junior - \$0.50 per year

ROCKFINDER STAFF

Editor.....	Fred Niebauer	174 E. Cleveland Rd. So. Bend, Ind. 46637
Asst. Editor...	Sherry Russell	27911 North St. No. Liberty, Ind. 46554
Staff Members..	Club Members	

All contributions for publication should be in the hands of the editor by the 5th of the month, of publication.
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THE ROCKFINDER

Volume 16
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Number 2

February 1976
South Bend, Indiana

Regular Meeting:

February 22, 1976

Time: Doors Open 1:30 PM, EST
Meeting 2:00 PM, EST

Place: Nature Center
Rum Village Park
2626 South Gertrude Street
South Bend, Indiana

Program: Business Meeting

"Silversmithing"
by Lew Bourdon
South Bend Rock Shop

Hospitality:

Lawrence & Catherine McHugh
Russ & Goldie Randolph
Catherine Grayckowski

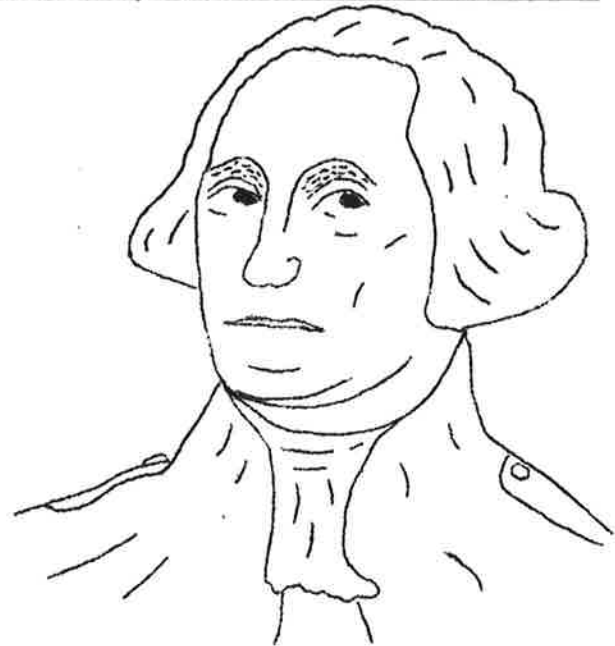
Educational Meetings:

Time: 7:00 P.M., EST

Place: First Bank Basement
Corner of U.S. 31 North
and Cleveland Road
South Bend, Indiana

Program: Friday, February 13, 1976
"Carving A Jade Bowl"

Program: Friday, February 27, 1976
"Seeing the Mineral
Specimen."



GEORGE WASHINGTON

BORN FEBRUARY 22 1732. BECAME
OUR FIRST PRESIDENT ON APRIL 30, 1789

CALENDAR

- March 13-14 Blossomland Gem & Mineral
Society Show, Stevensville
Michigan
- March 27-28 Des Plaines Valley Geo-
logical Society Show.
Des Plaines, Ill.
- April 1-4 Lake County Gem & Min-
eral Society Show. Lake
County, Illinois
- April 3-4 Duneland Rock Club Show
Crown Point, Ind.
- April 9-11 Flint Rock & Gem Club
Show, Flint, Michigan
- April 16-18 Michigan Gem & Mineral
Society Show, Jackson

PRESIDENT'S MESSAGE:

Greetings,

This month I would like to present to you some of my personal observations and philosophies, gleaned from some thirty years of holding offices in various organizations, as I enter this the second month of my office as President of the Michiana Rock and Gem Club.

A well run organization is dependent upon a functioning president, functioning committees, and a cooperative membership.

The primary duties of a functioning president are to preside at meetings of the organization, delegate responsibilities to and oversee the operations of the committees, and to represent the organization at all times in the best manner possible. Delegation of responsibilities to committees does not relieve the president of responsibility for a committee's action. Maintenance of responsibility for a committee's actions does not, however, mean assumption of the committee's duties by the president.

At present, we have twelve standing committee chairmen. The functional duties of the committees, headed by these chairmen, is to act for the club in accordance with their respective committee titles. At this time, I am requesting the committee chairmen to enlist as many additional members for their committees as they feel are necessary to function properly. At the very least, it is suggested that one additional member be enlisted for each committee - this member to speak for the chairman in the event of a required absence of the chairman from the monthly business meeting.

A cooperative membership is one which works with the president and the committees toward the accomplishment of the common goals of the organization. A cooperative membership does not necessarily always agree with the president or committees; however, when disagreement does arise, a cooperative membership will constructively criticize the

one disagreed with openly. Their criticism will not take place "in a corner".

If we all keep the above in mind, we will not only have a "great" club this year, but a "greater".

George E. Kelsheimer

BIRTH STONE FOR FEBRUARY

AMETHYST - Quartz, crystals with a violet color are known as amethyst. The color is caused by impurities, probably manganese. The dark purple colored crystals are the one most sought after.

The stone has a hardness of 7 and has a glassy luster. It makes beautiful gems.

Amethyst is found in North Carolina, Maine, Pennsylvania and Ontario, Canada. Beautiful crystals are found at Thunder Bay on Lake Superior in Canada, some are covered with hemetite.

GEMSTONE VERSE

Amethyst, the February birthstone

The 17th anniversary stone also
From violet to the deepest purple

Does the quartz color range go.
Popular centuries before Christian
era

Greeks held this gem to be a charm
Thinking it could prevent drunkenness

And thus prevent and avert harm.
This rare gem by Roman women

Was always eagerly sought,
Believing it would insure husbands'
love

So, many amethysts were bought.
Revelations tell it stood for
Matthias

To please God was his desire
He did have the gift of tongues
And of his effort he didn't tire.

By Lucy Miller

WELCOME NEW MEMBERS:

Joseph L. and Connie Coyner
Stephanie J. Hoffman
Jack and Marge Moreland

SECRETARY'S REPORT - JANUARY '76MEETING:

The Michiana Rock and Gem Club met, in monthly meeting, at the Nature Center, Rum Village Park, South Bend, Ind. on January 25, 1976.

The meeting was called to order by the President, George Kelsheimer.

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

Treasurer's report was presented by Jim Russell, acting for Max Cripe who is on vacation. Mr. Russell reported on the club's income and disbursements during the past month. Balances in savings and in checking accounts are as follows:

Savings Account - \$1,057.45
Checking Account - 779.66

Treasurer's Report approved and accepted as read.

Each standing committee chairman reported on the work of his or her committee. Requests were made by several committee chairmen:

"Sunshine" - Pauline Kelsheimer - requests that membership keep her informed of known sick in the club.

Field Trip - Frank Elwell - Asked if members of the club knowing of any new field trip locations would please contact him.

New Business - Molly Elwell, Liaison Officer read a letter from MWF representative relative to the possibility of Indiana clubs sponsoring the 1980 Federation meeting. No action taken as the letter was read for consideration only at this time.

Old Business - None brought up.

Open Forum - Discussion of 1976 Michiana Rock and Gem Show.

George Kelsheimer - requested volunteers to work show.

Carlton Fletcher - suggested that if we have "grab bags" the contents should be identified.

Jim Russell - Suggested that we have a "no-money" swap table.

Door Prizes: were won by Sherry Russell, Dewey Hassler, Jack Moreland and Richard Duxis.

Attendance: 49 members - 8 visitors

James Russell moved to adjourn, seconded by Doris Pletcher.

Our program for January consisted of a talk by Mr. Howard Shorts on "History and Working of Turquoise."

Respectfully Submitted,
Betty Jordan, Secretary

Rum Village Nature Center Display

We have the opportunity to fill a display cabinet with Indiana rock materials and show people what we as a rock club can do.

Some materials have already been donated for our display at the Nature Center. Much more is needed.

Only Indiana material will be displayed. It must be identified and the location of the find must be given.

Any one having material which they wish to donate for the display should bring it to the February meeting. If you are not sure of the identification, bring the piece in and we will try to identify it.

As many of us have Indiana goedes, only the unusual or exceptional ones should be brought because we want a variety of Indiana material from all parts of the state.

Committee Chairman,
Fred Niebauer

DUES ARE PAST DUE

If you have not paid your dues, please pay them in February

This will be the last copy of The Rockfinder which you will receive if you have not paid your dues. Mail checks for dues to:

James Russell
27911 North Street
North Liberty, Indiana 46554

RESTORE LUSTER

A finished cab that lost some of its luster can be restored by rubbing with a silicone eyeglass tissue. Via Rockhound Rambling and Gem Times

MICHIANA ROCK AND GEM CLUB
HOSTESSES FOR YEAR - 1976

JANUARY 25

1. Alby & Olive Sammons
2. Frank & Molly Elwell
3. Dewey & Nina Hassler

FEBRUARY 22

1. Lawrence & Catherine McHugh
2. Russ and Goldie Randolph
3. Catherine Grayckowski

MARCH 28

1. Hap & Mary Mortenson
2. George & Pauline Kelsheimer
3. Stephanie Hoffman

APRIL 25

1. John & Juanita Tetzloff
2. Joe & Leota Joachim
3. John & Roberta Bohdan

MAY 23

1. Jess & Bess Wise
2. Carlton & Doris Pletcher
3. Ossie & Jo Kytta

OCTOBER 24

1. Reuben & Virginia Mast
2. Kenneth & Leeta Stout
3. Rene & Jeanette Blondia

NOVEMBER 28

1. Jim & Sherry Russell
2. Germaine Lifke
3. Mary Miller

Note To Hostesses: If unable to be in attendance on the Sunday for which you have signed, please arrange to have someone take your place. The first-named Hostess in each group should contact the other two to plan refreshments, theme, decorations, etc. ahead of time.

Nina Hassler, Chairman
Hospitality Committee

EDUCATIONAL NIGHTS

Forthcoming programs for the Friday night educational meetings are as follows:

"Carving a Jade Bowl"
Feb. 13, 1976

"Seeing The Mineral Specimen"
Feb. 27, 1976

"Designing with Metals & Gems"
March 12, 1976

"Calcite and Its Crystal Forms"
March 26, 1976

"Gem Faceting, A Precise Art"
April 9, 1976

"Pseudomorphs"
April 23, 1976

"Cameos, Intarsias, and Scottish Jewellery"
May 14, 1976

"Ohio Flint"
May 28, 1976

The above slide programs will be augmented with appropriate speakers and/or discussion.

The subsequent Friday night educational meetings will be devoted to show preparation.

George E. Kelsheimer
Chairman
Educational Committee

EDITOR'S NOTE:

"You never know what you can do until you try."

I am once again asking for contributions from the members for inclusion in "The Rockfinder!" Try It! You may be surprized at what you can do.

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 the Editor, Haydon Peterson, Parrot Printing, 2125 Forest, Des Moines, Ia. 50311

Issue No. 162 - February 1976

Meet Paul Good

OUR SECOND VICE PRESIDENT

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 experimenter for a large manufacturing plant.



Bicentennial FEATURES

by June Zeitner



One of the early bicentennial gem shows was the 1975 show of the Central Michigan Lapidary and Mineral Society of Lansing. The central display of the Bicentennial Mineral Heritage theme was a group of 20 cases of displays which showed antique articles together with the raw materials which went into them.

Materials shown were glass, iron, copper, pewter, lead, zinc, gold, tin, silver soapstone, jet, amber and sulphur. Antiques included priceless and appropriate examples of pressed and cut glass, sparkling jet and amber and gold and silver jewelry, pewter tableware, soapstone carvings, copper pots, iron tools, historic guns and a crystal radio set.

Some of the larger pieces were a copper wash boiler, a steel bear trap and a lithographer's soapstone. These larger items were placed on a platform of Chicago brick facing the entrance. Specimens accompanying the big antiques were huge and showy.

The red, white and blue background was accented by the flags of the United States, the State of Michigan and the Bicentennial flag. A low rail fence with pots of flowers enclosed the entrance display.

Co-chairmen Lola Pearson and Nancy Smith and their entire committee and club are to be congratulated for their excellent use of this theme.

Bicentennial themes are planned for 1976 by McDonnell Douglas and other St. Louis area clubs for the Midwest and by Kalamazoo, Michigan, Hot Springs, South Dakota and many others. We would be interested in hearing your plans.

Scholarship fund tops \$200,000

The trust fund of the AFMS Scholarship Foundation continues to grow at an ever increasing pace. The total reported by the Foundation Treasurer, Ellis W. Courter, is now \$202,792.05 with \$24,533.17 of this having been received during the past fiscal year. This tops all previous contributions for one year.

The contribution of the Midwest Federation for this period was \$7,739.50 which brings the grand total of Midwest contributions to \$61,649.38. Every club in the Midwest is to be congratulated for their fine support of the Scholarship Foundation over the past years.

Because of the increased income realized from the growing fund, the interest (which is the only part used) allowed three \$750 bonus scholarships to be pledged during the year in addition to the usual six grants, making a total of \$11,250 awarded during the year to support college graduate students working on their masters or doctorate degrees in science fields.

Beginning with the new 1976 awards, the amount of each grant will be increased to \$1,000 per year with each grant still covering two years. The usual six two-year grants will be awarded and hopefully funds will also be available for another bonus award. To date, 52 students have been assisted in their education for a total expenditure of \$51,900.

PUBLIC IMAGE AND COURTESY COMMITTEE

Mrs. Ruth Mogg, R. R. 1, Box 231, Grayslake, Illinois 60030

The Central Iowa Mineral Society of Des Moines, Iowa is an active club. Mr. William Ashby, Treasurer for the club, described some of their activities.

They answer questions about rocks and minerals of Iowa for the Iowa Development Commission. Some of the members have Boy Scout Troops and Blue Birds in their homes to observe and ask questions about collections. They visit grade schools to exhibit and discuss specimens and they also conduct discussions in the Adult Education Classes. They present programs for the Des Moines Women's Club and have exhibits at the Iowa State Fair and the Des Moines Public Library. This past year they had an exhibit and gave demonstrations for two days at the Des Moines Plaza Shopping Center. They also furnish displays for Drake University and have set up the Straight Collection there. They always cooperate fully with the owners of areas when they are on field trips and they welcome visiting rockhounds any time.

What does your club do? Please let us know.

SCHOLARSHIP TREASURER'S REPORT

OPERATING STATEMENT - Nov. 1, 1974 thru Oct. 31, 1975

OPERATING INCOME

Interest Earned - Bonds in Trust Fund	\$ 13,959.30
Savings Account	411.74
Gain on Matured Bonds	45.00
TOTAL EARNINGS	\$ 14,416.04

OPERATING COSTS

Office Supplies and Expense	\$396.50
Postage & Communications	299.76
Plaques	686.78
Bank Charges	5.00
Trust Fund Administration	537.27
	\$ 1,925.31

Scholarships Granted or Pledged	\$ 11,250.00
TOTAL EXPENDITURES	\$ 13,175.31

TOTAL GAIN FOR PERIOD \$ 1,240.73

TREASURER'S REPORT - Nov. 1, 1974 thru Oct. 31, 1975

ASSETS

Bonds - First National Bank of Minneapolis	
Public Service Electric & Gas Co.	\$ 10,148.30
American Tobacco Co.	5,002.80
Borden Co.	5,002.80
Crucible Steel Co.	8,000.00
Sears Roebuck and Co.	10,000.10
General Motors Acceptance Corp.	14,962.50
Pacific Gas & Electric Co.	10,060.60
Trailer Train Co.	5,000.00
Columbia Gas System	5,025.00
Carolina Light and Power Co.	10,000.00
Trans-Continental Pipe Line Co.	9,180.00
American Telephone & Telegraph Co.	9,775.00
Southern Bell Telephone Co.	9,950.00
Appalachian Power Co.	10,150.00
Ford Motor Credit Co.	10,100.00
Federal National Mortgage Assoc.	9,993.75
Michigan Wisconsin Pipe Line Co.	10,100.00
Virginia Electric & Power Co.	10,275.00
Ohio Edison Co.	5,125.00
European Coal & Steel Co.	9,950.00
Texas Commerce Bank Shares	9,664.50
City of Montreal	10,000.00
	\$ 197,465.35
Savings Account - American Savings & Loan Detroit	11,214.04
Checking Account - Manufacturer's National Bank, Detroit	1,226.06
TOTAL ASSETS	\$ 209,905.45

LIABILITIES

Accrued Accounts Payable - 1st National Bank, Minnesota	\$ 537.27
Scholarships Pledged but not paid	7,500.00
	\$ 8,037.27

CONTRIBUTIONS (Principal fund) 202,792.05

DEFICIT - As of November 1, 1974 2,164.60
Less: Net gain for period 1,240.73 \$ 923.87

\$ 209,905.45

POLLUTION

The late Dr. Wm. Pecora, Undersecretary of the Interior, calculated that all of man's air pollution during his thousands of years on earth does not equal the amount of particulate and noxious gases from just 3 volcanoes: Krakatoa, near Java (1883); Mt. Katmi, Alaska (1912) and Helka, Iceland (1947).

He points out that nature's pure water isn't so pure after all. A few examples:

The springs feeding the Arkansas and Red Rivers carry approximately 17 tons of salt per minute.

The Lemonade Springs in New Mexico carry approximately 900 pounds of sulfuric acid per million pounds of water. (This is more than 10 times the acid concentration in coal mine discharges.)

The Mississippi River carries over 2 million tons of natural sediment into the Gulf of Mexico each day.

The Paria River of Arizona carries 500 times more natural sediment than the Mississippi River - yes, one billion tons of sediment per day.

MASTODON PARK

A committee of housewives near St. Louis is winning its fight to save a notable fossil site from which the skeletons of sixty mastodons have been removed. The state had sold the land for a development when concerned housewives decided to take action. The ladies were told that they would have to raise a half million dollars to buy the land and preserve it as a park. They were also given a deadline for coming up with the money. The Federal Bureau of Outdoor Recreation agreed to match funds and the State Legislature provided \$200,000. When it appeared that the ladies would meet their goal, the final \$28,000 was pledged by the McDonnell Aircraft Company of St. Louis.

Now a Mastodon Park is assured and the four housewives and their helpers are starting to think of a museum dedicated to the extinct resident of their area.

The McDonnell Douglas Gem and Mineral Club helped the Mastodon Park Committee at their recent annual show. McDonnell and other St. Louis area clubs will host the Midwest Federation Convention in July.

LARGEST BLACK OPAL

The world's largest black opal, weighing an astonishing 145 pounds, was recently found at Andamooka, Australia. Professional lapidary, Bill Moriarty, will soon cut the opal into about 30,000 pieces. The stones could bring over three and a half million dollars on the market according to an officer of the Australian Jeweler's Association. The king-sized gem was found by a miner and sold to John Roberts and Yoshe Goldberg who named it Koninderle, the Aborigine word for rainbow.

PLEASE!! DON'T BE A LITTERBUG!!