

FREDERICK C. NIEBAUER
174 E. Cleveland Road
South Bend, Indiana 46637

FIRST CLASS MAIL

THE ROCKFINDER

DEC 1976



MICHIANA ROCK AND GEM CLUB, INC.
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Past Pres.....	Jess Wise	1513 Clarendon Ave. Niles, Mich.	49130

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Librarian.....	Phillip Lilley	2422 Hollywood Pl, So. Bend, Ind.	46617
	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.

Permission is hereby granted to reprint, at any time, items published in the ROCKFINDER, provided due recognition is given.

THE ROCKFINDER

Volume 16
Published by Michiana Rock and Gem Club, Inc.

Number 10

December 1976
South Bend, Indiana

Regular Meeting

Due to the fact that the December Rockfinder is being published after the December meeting, there will not be an announcement of that meeting in this issue.

The January meeting notice will appear in the January issue of the Rockfinder.

Editor

Christmas Dinner Guests

Our Christmas dinner party was enjoyed by all and we had the pleasure of having as our guests:

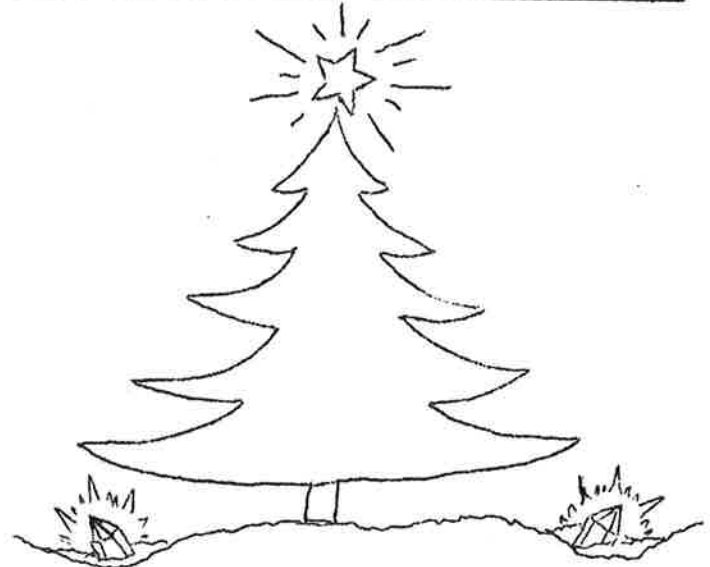
George Russell
Gladys Russell
Adeline Johnson
Rosaline Hixenbaugh
Criss Ogden

Educational Meetings

Time: 7:00 P.M. EST

Place: First Bank Basement
Corner of U.S. 31 North
& Cleveland Rd., South Bend

Program: Friday, January 14, 1977
This meeting is one you will not want to miss. It will be a planning session for the future meetings to find out what you would like to do and what you would really like to have information on.
Bob and Margaret Heinek, your educational chairmen for 1977 will be there to find



Merry Christmas

Educational Meetings (continued)

out what you desire. So, this is your chance to tell them what you want.

Our Visitors

At our November meeting, we had the following visitors:

Fern Penner
Charles J. Walker
Richard H. Gardner

Dues are Due

During Max Cripe's vacation, Jim Russell is taking the 1977 dues and your subscriptions to the Lapidary Journal and the Gems and Minerals and the Rock and Gem magazines.

Minutes of the November Meeting

The Michiana Rock and Gem Club met on November 28th, 1976, at Rum Village Nature Center. The Meeting was called to order by President George Kelsheimer. Minutes were read and approved for audit. Jim Russell will be taking Max Cripe's place for the month of December. A reminder from Jim, your club dues are to be paid in December.

Library - A new book was bought and will be placed in our library. The name of the book is, "Gem Stones of North America" Volume 2. George Kelsheimer will be taking Phil Lilley's place.

Sunshine - Pauline Kelsheimer sent a sympathy card to the family of Stanley Twitchell.

Max Cripe was presented a plaque from the club for his year of service as treasurer. Max and Helena left before our Christmas Party for a vacation in Texas.

The Michiana Rock and Gem Club was presented a fifteen year certificate from the Midwest Federation. The certificate was presented to President George Kelsheimer by one of our special guests, Charles Walker of Peru, Indiana. Catherine McHugh of the nominating committee, was asked to present the slate and open to the floor any additional nominations three times and to ask also the ones from the body if they declined or accepted the office. The officers for 1977 are as follows: President, James Russell; Vice President, Joseph Charles; Secretary, Betty Jordan; Treasurer, Merl Lechlitrner; Liason, Molly Elwell. Doris Pletcher made a motion for the Secretary to cast one unanimous vote, Carlton Pletcher seconded the motion.

George Kelsheimer reported that up to \$100.00 will be spent on books for the Nature Center as soon as we find out what books Fran would like to have.

Minutes (Continued)

Door Prizes - were won by Betty Jordan, Jesse Jordan and Lori Russell.

Attendance 49
Visitors 3

A very interesting program on Australian Opals was enjoyed by all.

Motion was made to adjourn by Mary Miller, seconded by Carlton Pletcher.

Secretary,
Betty Jordan

Minutes of the December Meeting

The regular December Christmas party was held December 5, 1976 at the Pinhook Pavillion.

A social hour was held at 12 o'clock and dinner at 1 o'clock.

President George Kelsheimer presented Vice President Jim Russell with a plaque for his year of service for the year of 1976. In return Jim presented George with a plaque from the club for his year of service as President. At this time President Kelsheimer turned the gavel over to the new president, Jim Russell.

New officers were introduced for the year 1977. The attendance for the 1976 Christmas Party was 78.

Motion was made by Catherine McHugh to adjourn, seconded by Les Van Wormer, motion carried. A game of Rocko was enjoyed by all present.

Secretary,
Betty Jordan

DUES

ARE

DUE

Amateur Mineralogist Discovers New Material

International recognition has been accorded Milo Olmstead, of Rapid City, So. Dak., for his discovery of a new mineral in the Black Hills.

The amateur mineralogist found the new phosphate mineral--named Olmsteadite in his honor-- at two locations.

The discovery process dates back to 1973.

W. L. Roberts, curator of mineralogy at the South Dakota School of Mines and Technology in Rapid City, sent samples of a thick, deep brown-to-black, prismatic, phosphate crystal to the University of Chicago for analysis.

It was reported the samples showed common minerals, but X-rays and crystal study also showed the possibility of a new mineral.

Several months later, Roberts sent other crystals of an unknown phosphate found by Olmstead in another location. X-rays discovered the two samples were identical.

Roberts suggested the new mineral be named in honor of Olmstead, because his "keen judgement led to further examinations of the new species."

The International Mineralogical Association agreed.

The process of proving new minerals is exacting, said Roberts. All Physical properties must be proved. A complete chemical analysis is necessary.

From Grit

Submitted by Catherine Grayckowski

JASPER is an opaque quartz usually red, yellow or brown, or a mixture of these colors. Sometimes banded. May grade into chert.

Rocks With A Message
Hobby Hodge Podge

Sharon Watson is a gifted calligrapher, an art of fine handwriting.

Her hobby since a teen ager was collecting quotations. Now she specializes in penning quotations on rocks and painting small flowers to embellish them.

She learned calligraphy while in high school, but on paper. She is currently teaching an evening class in this art at the University of Tennessee, in Knoxville.

She creates her specialties from coastal California and Colorado river rocks. They must have hard smooth surfaces and those of lighter color. A glaze darkens the rocks. The rocks must be water-worn.

Unable to find a position in her field, as she holds a masters degree in counseling psychology from Loyola University in Los Angeles, this hobby is now a full time occupation.

Excerpts from article in Grit

Submitted by Lucy Miller

Ink Made From Fossil Squid

The Agatizer reports that the Field Museum in Chicago recently made 170 million year old ink from a fossil squid. Mrs. Ida Thompson, a geology research assistant, after finding an intact ink sac, experimented with many solvents to restore the fossil sepia. Finally she found that ammonia dissolved the ground flakes.

Research had revealed that this was the method used by ancient Romans to prepare their ink from Cuttlefish. The fossil cuttlefish and the ink taken from it can be seen in the Field Museum.

From AFMS Newsletter

DUES ARE DUE

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From AFMS Newsletter

DUES ARE DUE

Merry Christmas * Happy New Year

Midwest Federations 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

December 1976 - Issue No. 170

MIDWEST FEDERATION HOLDS FALL MEETING IN BLOOMINGTON

The Midwest Federation held its annual fall meeting in Bloomington, Ill. at the Ramada Inn Saturday, Oct. 30. Officers for the 1976-77 year were installed. They are, Miss Hazel Kuntz, Quincy, Ill., President; Paul Good, Griffith, Ind., 1st Vice President; Mrs. Betty Crawford, Mansfield, Ohio, 2nd Vice President; Miss Jean Reynolds, Clarendon Hills, Ill., Secretary; Milford Sharp, Fairview Park, Ohio, Treasurer.

A check in amount of \$2,372.68 was presented to Mel Sharp, Treasurer, representing the Midwest share of the St. Louis, Mo. show and convention last July.

Discussion covered many subjects in the promotion of the rock and mineral hobby and the operation of the Midwest Federation during 1977. A full report of the meeting will be mailed to all clubs by the Secretary as soon as possible.



Midwest officers for 1977, from left, Miss Jean Reynolds, Secretary; Miss Hazel Kuntz, President; Paul Good, 1st Vice President; Mrs. Betty Crawford, 2nd Vice President; Mel Sharp, Treasurer.

CHICAGOLAND GEM & MINERAL ASSOCIATION ORGANIZED BY CHICAGO AREA CLUBS

by Russell McFall

In the first venture of its kind in the Chicago area, seven clubs have organized the Chicagoland Gem & Mineral Association and will hold a combined show on the Memorial Day weekend, May 28, 29, and 30, 1977 at the DuPage County Fairgrounds West of Chicago. Several nationally-known speakers will appear on each of the three days of the show, and 21 dealers have been invited to have booths with their fossils, minerals, and lapidary materials for sale.

The Memorial Day weekend is traditionally the best one of the year in the Middle West. For that reason, the famous 500-mile auto race is held then at Indianapolis, Indiana. With mild weather and sunny skies and acres of space for parking and camping, the fairgrounds is regarded as an ideal location for a show and in such demand that it must be booked a year or two ahead. It is about 20 miles west of the Chicago Loop, close to Interstate 66 from the south and 80 from the east and west. A number of motels are nearby, including several of the nationally-known ones. The nearest city is Wheaton. Downtown Chicago can be reached

Chicagoland... please turn to back page...



Mrs. Lucille Bishop, Missouri State Director, presents check to Midwest Treasurer, Mel Sharp, representing Midwest share of the show and convention in St. Louis last July.

DECEMBER 31, 1976

is the date when you count the number of members in your club and remit per person dues to the Midwest Federation Treasurer for 1977.

YOU'VE GOT A DATE IN DAYTON (Ohio) JULY 21-24, 1977 - MWF SHOW AND CONVENTION

Scholarship winner

It is with considerable pride that the AFMS Scholarship Foundation announces the names of the students who will receive grants this fall as they pursue graduate degrees in Earth Sciences. In this, the fifth year the six Regional Federations have selected their Honorary Award Winners, we are able to increase the grants to \$1,000. If a student continues in school, he or she, will receive a similar grant next year. In addition, through the splendid support of the membership of the AFMS, three one-year "Wild Card" grants of \$750 have been provided, as was announced last winter.



Terry D. Keegan, who receives the regular grant for the Midwest Federation, is pursuing his M.S. in Geology at the University of Chicago and hopes to continue for his doctorate and subsequent research or teaching. A native of New Orleans, he received his B.S. in Earth Sciences from the University of New Orleans, specializing in crystallography and crystal chemistry. He has done field work in Mexico and is working on research in to a suite of authigenic minerals such as albite and adularia feldspars.



Terry Keegan

Chicagoland... continued from front page...

for shopping in less than an hour. The show advertises that it is "an educational and fun week-end that only Chicago can provide."

The fairground has four buildings for use of the show with 38,000 square feet of space, including a cafe area. The clubs through their association are inviting competitive and special exhibits, and plan to have displays from some of the notable museums and universities in the area.

The clubs forming the association are Chicago Rocks and Minerals Society, Earth Science Club of Northern Illinois, Chicago Lapidary Club, Calumet Gem & Mineral Society, Des Plaines Geological Society, Elgin Rock & Mineral Society, and the West Suburban Lapidary Club.

For more information write or call M. C. McMahan, show chairman, at 1220 W. Henderson St., Chicago, Illinois 60657, phone 312-549-3612.

THE SHOW AND CONVENTION IN ST. LOUIS

last July had total receipts of \$47,621.21. Total expense of the show was \$42,765.00.

THE CLEVELAND GEOLOGICAL SOCIETY

one of our newer clubs, has Sister Joan Acker as its President. This club has scheduled programs through its May 1977 meeting. Interesting program titles, "Africa's Rift Valley", "Geology of Yellowstone Park Area", "Geology of North-eastern Ohio", and "Geology of Southeastern Australia" are among those listed.

A NEW SLIDE PROGRAM

entitled "Introduction to Nebraska's Fossils" has been given to the Midwest Federation by the University of Nebraska through the efforts of Roger Pabian, our Education Committee Chariman. When this program is ready for use by our clubs we will let you know in this Newsletter.

DO NOT SEND

General Mills coupons to us for Scholarship credit. The General Mills Company no longer has this program open to us. You will be advised when the program is again available for our use.

GET THOSE SLIDE PROGRAMS BACK

promptly to Donald Stinnett, our Midwest Film Library chairman, after your clubs use. We have had reports from Don that some clubs are keeping the programs long after their club showing date which causes problems for Don in getting the program to other clubs who have it booked for their meetings.

ST. LOUIS TROPHY WINNERS "A Tribute to Our Competitive Exhibitors"

Reported by Calvin George

The theme of the MWF show in St. Louis last July, "A Tribute to Our Mineral Heritage", furnishes an appropriate source for the above caption. The Midwest Federation pays tribute not just to those named below, but to all of the 61 hard-working exhibitors, dedicated to the proposition that competitive exhibiting can be fun!

Our congratulations to the following trophy winners and to their clubs. The asterisk before a name signifies that the individual additionally earned eligibility to compete for an AFMS trophy in the future.

1. Minerals, Mike Tower - Rockwood Gem and Mineral Society
3. Thumbnail Minerals, *Hazel Tarcza - Show-Me Rockhounds
5. Minerals, Junior, *Cheryl Hindrichs - St. Louis Minerals & Gem Society
6. Lapidary, William A. Thies - McDonnell Douglas Gem & Mineral Society
7. Cabachons, *Elmer Schmidt - Chicago Lapidary Club
12. Fossils, Junior, *Mary Ann Bolser - McDonnell Douglas Gem & Mineral Society
13. Jewelry & Art Metalcraft, Janine R. Hendricks - Rockport Lapidary Club
14. Educational, William Schulze - Rockwood Gem & Mineral Society
18. Archeology, William Stewart - McDonnell Douglas Gem & Mineral Society