

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

FIRST CLASS MAIL

THE ROCKFINDER

DEC 1978



1978 CLASS MAIL

MICHIANA ROCK AND GEM CLUB, INC.
1978 BOARD OF DIRECTORS

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	Catherine & Larry McHugh
	130 So. Holiday Dr.,So.Bend,Ind. 46615
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Sunshine....Pauline Kelsheimer	19137 Dresden Dr., So.Bend,Ind. 46637
Scholarship..Catherine Grayckowski	1111 No. Huey St.,So.Bend,Ind. 46628
Displays.....Bob Miller	1106 Clayton Dr.,So.Bend, Ind. 46614
Publicity...Sherry Russell	27911 North Street,No.Liberty,Ind.46554
Membership...Jesse Jordan	16705 Eisenhower St.,Mishawaka,Ind.46544
Junior Activities...	
	Joe Charles
	26863 New Road, north Liberty,Ind. 46554
	Germaine Liike
	620 E. Marion St., Mishawaka,Ind. 46544

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 Street,No.Liberty,Ind.46554
Staff Members...Club Members	

All contributions for publication should be in the hands of the editor by the 5th of each 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 18
Published by Michiana Rock and Gem Club, Inc.

Number 10

December 1978
South Bend, Indiana

Regular Meeting:

December 10, 1978

Time Social hour 12:30 PM, EST
Dinner 1:30 PM, EST

Place: Pinhook Park Pavilion
Riverside Drive, South Bend

Program: Christmas potluck dinner
preceded by social hour

A short business meeting
after dinner.

Rocko to be enjoyed by all.

Hospitality:
Old and new Board Members

Educational Meetings:

Time: 7:00 PM, EST

Place: Newman Recreational Center
727 South Eddy Street
South Bend, Indiana

Program: Friday, December 22, 1978
No meeting

Friday, January 12, 1979
Cutting & polishing rocks

DUES ARE DUE!

If you do not make it to the meeting, mail your dues to Christine Shoemaker, 17650 Briarcliff Court, South Bend, Indiana 46635.



HAPPY HOLIDAYS

Our Visitors

At our November meeting, we were pleased to have the following visitors:

Ron Hipsner
Virginia Tisdale
James Tisdale
Lara Gardner
Eleanor Lacy

We hope that they enjoyed our meeting and will visit us again.

New Members

James and Virginia Tisdale joined as members of our club. We all welcome them to join in our hobby and fun.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
5800 S. DICKINSON DRIVE
CHICAGO, ILLINOIS 60637
TEL: (773) 835-3100
FAX: (773) 835-3101
WWW: WWW.CHEM.UCHICAGO.EDU

1. Name of the donor: _____
2. Address: _____
3. City: _____ State: _____ Zip: _____
4. Date of birth: _____
5. Social Security Number: _____
6. Occupation: _____
7. How long have you lived at this address? _____
8. How long have you lived in this city? _____
9. How long have you lived in this state? _____
10. How long have you lived in this country? _____

11. How long have you lived in this neighborhood? _____
12. How long have you lived in this district? _____
13. How long have you lived in this ward? _____
14. How long have you lived in this precinct? _____
15. How long have you lived in this county? _____
16. How long have you lived in this state? _____
17. How long have you lived in this country? _____
18. How long have you lived in this continent? _____
19. How long have you lived in this world? _____
20. How long have you lived in this universe? _____

21. How long have you lived in this galaxy? _____
22. How long have you lived in this universe? _____
23. How long have you lived in this world? _____
24. How long have you lived in this country? _____
25. How long have you lived in this state? _____
26. How long have you lived in this county? _____
27. How long have you lived in this district? _____
28. How long have you lived in this ward? _____
29. How long have you lived in this precinct? _____
30. How long have you lived in this neighborhood? _____

31. How long have you lived in this city? _____
32. How long have you lived in this street? _____
33. How long have you lived in this house? _____
34. How long have you lived in this room? _____
35. How long have you lived in this bed? _____
36. How long have you lived in this chair? _____
37. How long have you lived in this table? _____
38. How long have you lived in this lamp? _____
39. How long have you lived in this clock? _____
40. How long have you lived in this mirror? _____

FROM YOUR ROCKY LEADER

As I start this message for December, there are some special things that I would like to say. They are: "From the Russell family we would like to wish each member of the Michiana Rock and Gem Club a very Merry Christmas and a Happy New Year.

I would like to thank the membership of our Club for giving me the honor and privilege to serve you for a third term. I would like to express my thanks to the members of the Board who will be leaving. Merl, Betty and Molly, you have served the Club and the Board with more enthusiasm than anyone could have asked for. To all of you, I say "THANK YOU." I know you will continue to serve the Club in the years to come. To the new Board members, Frank, Kathy and Margaret, I welcome you. With the help that you have given in the past and the interest that you have shown, the Club and the Board will function well.

The committee chairmen that served the Club did a great job. Being a committee chairman is a difficult and hard task. You have all done well in your task. Being a committee chairman is a difficult position and a most important one. I thank you for your year of service.

In my last message, I stated that there were some goals that I would like to see the Club reach in 1979. A few of the goals are as follows:

1. Better attendance at our 4th Sunday meetings.
2. Increased participation by the members present at meetings in our discussions.
3. Continued learning for the members at our 2nd and 4th Friday night educational programs.
4. To put on the best Rock and Gem Show that the Club has ever had.

If we all work as a team like we have in the year of 1978, we will be able to reach the goals I have suggested. Well, I will close for now and hope you all have a great holiday season.

Your Rocky Leader,
Jim

SHOW THEME TIME IS HERE:

Put your thinking caps on, Club Members! We are having a contest such as we have had in the past. We need to select a Show Theme for the 1979 Show. Put your ideas down on paper and turn them in at the January meeting. I would like to have this done so that we can get started on our flyers as soon as possible.

Jim Russell

HELP, HELP, HELP ! ! !

The Rocky Leader needs your help. I need to know if any of you did any talks, displayed at any other shows or any other things of interest this year.

Please call me, or tell me at the January meeting. The sooner, the better. This is needed so that we can enter the All American Club Awards contest.

Jim Russell

PAVED WITH GOLD

The Chamber of Mines at Johannesburg, South Africa, has transformed most of the sandy mine dumps into beautiful pollution-free green hills, according to the Los Angeles Times.

Now wild life is beginning to move in on the reclamation project, but just as the project was reported a success, mine owners realized that with the increased price of gold, there might be millions of dollars worth of the precious metal left in the grass-covered slag piles. So, there is Johannesburg, the town that's paved with gold.

from AFMS Newsletter

HAVE A MERRY CHRISTMAS AND A
HAPPY NEW YEAR!

MINUTES OF THE NOVEMBER MEETING:

The Michiana Rock and Gem Club met November 26th, 1978 at the Rum Village Nature Center. The meeting was called to order by President Jim Russell. Minutes of the October meeting were read and approved.

Treasurer's report was read and approved for audit.

Old Business - Doris Fletcher made a motion, seconded by Joe Charles we will serve chicken and sausage at our Christmas party. Remember, happy hour at 12:30, dinner at 1 30.

New Business - At our last Board Meeting, the board members were in agreement that the theme for the 1981 Show will be "Midwest Roundup of Gems."

A big thank you from the club members to Katy Grayckowski for doing a real special job taking care of our scholarship fund.

The Nature Center would like to update their fossil collection. If you have something they could use, please give Fran a call. Jim is keeping busy getting things ready for our "81" Show. If you haven't been asked to help, hang in there, everyone is needed.

Catherine McHugh, one of the nominating committee, asked from the floor three times, are there any other nominees; having none, the officers for the year 1979 are:

President	Jim Russell
Vice President	Frank Elwell
Secretary	Kathy Miller
Treasurer	Christine Shoemaker
Liaison	Margaret Heinek

I, the secretary, Betty Jordan, cast one unanimous vote.

Program - Slides were shown and enjoyed. Also, Mr. Edward Stump was a guest speaker on "Schrimshaw Carving". It was a very interesting program.

Door Prizes - were won by Ron Hipsher, Catherine Grayckowski and Virginia Tisdale.

Motion was made to adjourn by Fred Niebauer, seconded by Kathy Miller.

Attendance - Members 41, Visitors 5
Secretary,
Betty Jordan

FROM THE SNOWBIRDS

Adeline and I will be heading south to Texas soon for three months. Jim and Sherry Russell have kindly agreed to take over the Rockfinder publishing, as they did last year, while I am away. So, lend them a helping hand if asked to do so.

With best wishes for a Merry Christmas and a Happy New Year we say -- so long until April.

Fred & Adeline Niebauer

MAYOR HOPES TO PURCHASE BIG BOULDER

Mayor Louis A. Clapes, of Stamford, Conn., wants his city to buy a rock.

The thought might sound frivolous to many. However, the rock that Clapes has in mind is no ordinary piece of granite.

The stone is called Rimmon Rock. It is 45 feet high and is reputed to be one of the three largest "glacial erratics" east of the Mississippi River.

Geologists say that the rock was deposited near Stamford during the Wisconsin Ice Age. It rests on a privately owned tract of land. The owner of the land wants the city to buy the site for \$45,000.

Clapes said that he hasn't formally asked the city's fiscal boards to buy Rimmon Rock, but he said he plans to do so if city residents support the idea.

The reason Clapes wants to purchase the rock is to preserve it from the bulldozer.

At present, the rock isn't in any danger from developers, said the mayor, but he added that several groups have expressed the desire to insure the rock's future.

Archeologists have said that at least three different groups of Indians lived in the vicinity of the rock through the ages. One group of Indians apparently lived near the rock about 5500 BC.

From Grit
Submitted by Lucy Miller

5TH GRADE LEADERFOOT ROCK HOUNDS

In they came, all 65 of them in mass confusion, jostling for front seats, the din rising until the three teachers called a halt.

Frank and Larry had the rocks and specimens lined up on the front table before hand.

After Todd Miller had introduced them to the classes, Frank gave a talk.

He was so calm and natural, not talking down to them and he really has a way with children.

When he asked for questions, there was a wild waving of hands. He and Larry answered as many as possible.

Larry gave the children cards on which he wrote the names of the rocks each child brought in to be identified.

How the hour flew by. The children were reluctant to go back to their classes, slowly filing by the rock display, handling them and asking questions.

What a delightful age to talk to. Old enough to understand, yet young enough not to feel concious about being enthusiastic.

I'm sure Frank, like the Pied Piper, could have led the whole class right into a quarry never to be seen again (at least the boys.)

Hmm ----- wonder how many rock fights there were on the way home?

Catherine McHugh

INSTEAD OF dumping used acid (oxalic, muriatic, etc.) down the drain, where it can cause pollution and might damage the plumbing, try the following: Put it in a plastic bucket or earthenware crock (do not use metal) and a piece or two of lime stone. The limestone will neutralize the acid so that it can be safely dumped almost anywhere.

Ozark Earth Science News
Via Mineral Matter and Agatype

THE TWELVE DAYS OF CHRISTMAS

On the first day of Christmas my true love sent to me a pebble on a dop stick.

On the second day of Christmas my true love sent to me - two tiger eyes and a pebble on a dop stick.

On the third day - three sapphires.

On the fourth day - four opal cabs.

On the fifth day - Five golden rings.

On the sixth day - Six wheels a grinding.

On the seventh day - Eight bufis a shinning.

On the ninth day - Nine silver mountings.

On the tenth day - Ten tumblers tumbling.

On the eleventh day - Eleven fluorite crystals.

On the twelfth day of Christmas my true love sent to me - Twelve fossil nodules, eleven fluorite crystals; Ten tumblers tumbling; Nine silver mountings; Eight bufis a shining; Seven grits a sanding; Six wheels a grinding; Five golden rings; Four opal cabs; Three sapphires; Two tiger eyes and a pebble on a dop stick.

From Evenville's serendipity Gems written by Sara Henn.

Submitted by Doris Fletcher

For those whose hands can't take the cold from the water when cutting stones, use surgical gloves and they will keep half the cold off your hands. They are thin enough and flexible enough that they don't hinder the use of your hands.

Via Petrograph and Gem Times

1870

Washington, D.C.

Dear Sir,

I have the honor to acknowledge the receipt of your letter of the 10th inst. in relation to the above named matter.

The same has been referred to the proper authorities for their consideration.

I am, Sir, very respectfully,
 Yours,
 J. M. [Name]

Midwest Federations NEWSLETTER

Published montly except July and August as a service to member clubs. All news, articles, subscription orders and requests for information should be sent to the Editor, Haydon Peterson, Parrot Printing, 2125 Forest Ave., Des Moines, Iowa 50311

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Lombard, IL 60148



December 1978 - Issue No. 190

Membership cards distributed

1979 Membership Cards have been distributed to all Midwest Federation Clubs based on previous years request. Cards were given to State Directors at fall Executive Committee Meeting in Lansing, Michigan and should be in the hands of your club president before the first of January. We are sure the club treasurer will appreciate this change.

The information sheet for the directory and calendar of events should already have been completed, and along with your check with Midwest Federation dues, sent to the secretary Jean Reynolds, 107 Tuttle Ave., Clarendon Hills, Ill. 60514. It is needed now so please check with the person in your club who is responsible for getting this information to the federation. DO IT TODAY.

ALL AMERICAN TIME

It's All American Merit Award time again. The form has already been included with this Newsletter and the American Newsletter. Check to see who is responsible in your club for filling out this form and mailing it in soon after the first of the year.

The Midwest is a consistent leader in this worthy program, which started in our Federation 14 years ago. This year the big National All American Club was the Wisconsin Geological Society. Other National winners have been from Michigan and Iowa, and the Roehm Geology Club, our active Juniors from Ohio, have been among the top winners for 5 years in a row. Put your club at the top next year! Here's how . . . Get the form. Fill it out. Send with it documentation of your club activities for the year, pictures, clippings, letters of appreciation, etc. Mail it in before March 31st.

It is important for your club to take stock of its accomplishments and for the officers and committees of the Federation to know how great an organization you have. If there are any comments, questions, or if you can't find that form, write me at once. Address, June Zeitner, Mission, S.D. 57555

OFFICERS INSTALLED

Midwest Federation officers for the 1978-79 year, elected at Cedar Rapids, Iowa last August were installed at the annual fall executive meeting at Lansing, Mich. on Sat. Oct. 28.

A number of items were on the agenda and reports of decisions will be reported in this Newsletter in coming months.

A message from Paul Good, retiring President

It has been a "Good" year

During the past year it has been my privilege and pleasure to serve as your President for the Midwest Federation. Because of the fine cooperation of the officers, State Directors and their assistants, Chairpersons and their assistants, this year will close as a GOOD year.

Much was accomplished during the past year, but we still have a lot of work left for Betty Crawford, your new President, and all the wonderful people who will be working with her.

I wish to take this means of thanking everyone who has worked so hard for the Federation not only during the past year, but also in years that have passed.

It has been said before, "No one person accepts the Jade gavel alone." I certainly agree with that statement. May the future of the Federation continue to grow. I'm sure with the cooperation of everyone, the member clubs and the executive committee, officers, and assistants working together, it can't do anything but grow. Good luck.

And now, all GOOD things must come to an END.

VERNE MONTGOMERY

Verne Montgomery, a Past President of the Midwest Federation, died October 14. Services were held October 16 in Downers Grove, Illinois where he lived with his wife Chalotte. He was President of the Midwest during the 1966-1967 year.

\$6,200 FROM CEDAR RAPIDS SHOW

A check in amount of \$6,200 has been received from the Cedar Valley Rocks and Minerals Society of Cedar Rapids, Iowa by the Midwest Treasurer. This amount will be increased slightly when complete results of the show are known. This represents the Midwest share of the show and convention held in Cedar Rapids, last August 10-13.

AFMS BOUNDRIES COMMITTEE

Russell Kemp, South Holland, Ill., has been appointed AFMS Boundaries Committee Chairman by AFMS President Ellis Courter.

COLUMBUS CALLING... MIDWEST SHOW AND CONVENTION... AUG. 2-5, 1979... COLUMBUS, OHIO

Your 1979 Regional Show Schedule

Here are the dates and locations of the six Regional Shows in 1979. Note that the National Show and Convention will be held in Tampa, Florida in conjunction with the Eastern Federation, July 12-15, 1979

CALIFORNIA	EASTERN	MIDWEST	NORTHWEST	ROCKY MOUNTAIN	SOUTH CENTRAL
Sacramento, California June 22-24	Tampa, Florida NATIONAL SHOW July 12-15	Columbus, Ohio August 2-5	Kennewick, Washington Sept. 1-3	Rapid City, S.D. June 8-10	Abilene, Texas May 18-20

Scholarship gains

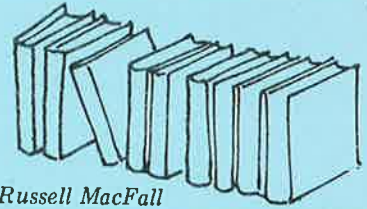
Scholarship Chairman Katharine Steinbrenner reports that since the Midwest show in Cedar Rapids last August, fifteen clubs have sent in contributions amounting to \$1,033.52. As a result, eleven Midwest clubs have advanced their Scholarship status as follows: Minnowa Rock & Gem Club, 400%; State Line Gem & Mineral Soc., 1400%; Joliet Gem Club, 100%; Calumet Gem & Mineral Soc., 400%; Lakeland Gem Club, 1500%; Southern Illinois Earth Science Club, 300%; Old Capitol Geological Club, 600%; Stone Head Mineral & Lapidary Club, 100%; Beacon Rock & Fossil Club, 100%; Midwest Mineralogical & Lapidary Society, 1100%; Northwest Wisconsin Gem & Mineral Society, 400%.

She reports the first Midwest Scholarship Auction in Cedar Rapids was a success and appears to be an excellent way to increase the Scholarship Fund.

Following is a list of the 50 clubs donating material and the amount each club's material brought in the auction. The percentage figure immediately following a club name indicates their Scholarship standing was advanced to that percentage when the auction amount was added.

McDonnell Douglas Gem & Mineral Club, Mo.	\$ 57.20
Earth Science Club of Northern Illinois	59.15
Cedar Valley Rock & Mineral Society, Ia.	90.50
Lincoln Gem & Mineral Club, Neb. (400%)	46.20
Heart of Wisconsin Gem & Mineral Club (1000%)	26.40
Duneland Rock Club, Ind. (1500%)	63.00
Peru Rock & Mineral Club, Inc., Ind. (2900%)	31.40
Michigan Gem & Min. Society of Jackson, Mi.	30.00
Siloam Springs Earth Science Club, Ill.	2.70
Coulee Rock Club, Wis.	27.55
Double "I" Gem & Mineral Society, Ill.	9.80
Dallas County Rock Club, Ia.	8.00
Lake Agassiz Rock Club, N. Dak. (500%)	100.80
Midwest Mineralogical & Lap. Society	42.10
Wisconsin Geological Society	.25
Central Michigan Lap. & Mineral Society	4.70
Gem City Rock Club, Ill. (700%)	24.85
Madison County Rockhounds, Ia.	73.95
Madison County Rockhounds, Ia.	2.25
Miami Valley Gem & Mineral Society, Oh.	5.20
Oshkosh Earth Science Club, Wis.	17.70
Ishpeming Rock Club, Mi.	13.70
Worthern Earth Searchers, Ill.	1.45
Des Plaines Valley Geological Society. Ill.	8.80
River Valley Rockhound Club, Ia.	.75
Muncie Rock & Gem Club, Ind.	10.00
Bay de Noc Gem & Mineral Club, Mi. (100%)	12.85
Kenosha Gem & Mineral Club, Wis. (500%)	65.75
Toledo Gem & Rockhound Club, Oh.	4.10
Lake County Gem & Mineral Society, Ill.	6.15
Park Forest Earth Science Club, Ill.	13.55
West Suburban Lapidary Club, Ill. (2500%)	14.35
Shawnee Mission Gem & Mineral Club, Kan.	2.50
Pike County Mineral & Gem Society, Mo.	5.20
Blue Ridge Gem & Mineral Society, Mo.	35.15
Rosebud Geological Society, S. Dak.	7.75
Des Moines Lapidary Society, Ia.	40.95
Central Iowa Mineral Society, Ia.	3.15
Old Capitol Geological Club, Ia.	3.70
Earth Science Club of Missouri	10.10

BOOKS



By Russell MacFall

Perhaps the most important book for rockhounds appearing in recent months is the 19th edition of "Manual of Mineralogy" by Emeritus Prof. Cornelius S. Hurlbut, Jr. of Harvard and Prof. Cornelius Klein of Indiana University (John Wiley & Sons, 532 pages). Although this reviewer would have preferred to get a revision of the "Textbook of Mineralogy", the "Manual" is a very useful book with a new section on petrology and major expansions of the history of the science, coverage of crystallography, mineral chemistry and updated tables. Professor Hurlbut has edited the last four revisions of this basic text.

"The Complete Book of Rock Tumbling" by Christopher S. Hyde and Richard A. Matthews (Chilton Book Co., 183 pages) brings together much of the lore and the hitherto scattered methods and secrets of tumbling, which has become one of the most popular branches of lapidary art. Attention should also be called to an admirably written and illustrated book, "Mosaics with Natural Stones", by Walter Lauppi (Sterling Publishing Co., 96 pages), which certainly should inspire many rockhounds to try their hands at an art that has as old a tradition as any creative activity of man. The same company has also issued "Rock and Gem Polishing" and "Pebble Collecting and Polishing", both by Edward Fletcher.

Last but not least, this reviewer wishes to mention modestly "Rocks Minerals Gems and Fossils" by Donal Dinwiddie and Russell P. MacFall, (Popular Mechanics Press, 1978, 203 pages) which is a greatly expanded version of a well received book by the second author published some years ago. Described by the publisher as a complete book on collecting, identifying, shaping, displaying, evaluating and polishing, the book is a notable for its 24 pages of color on earth and moon rocks in the title classifications. Dinwiddie is a former editor of "Popular Mechanics" magazine and MacFall is a past president of the Midwest Federation.

Kansas City Rock & Gem Society, Mo.	2.30
Dayton Gem & Mineral Society, Oh.	1.50
Valley Rock & Mineral Club, Wis.	2.50
Lewis & Clark Gem & Mineral Soc., S. Dak.	1.30
Evansville Lapidary Society, Ind.	3.25
Central Missouri Rock & Lapidary Society	5.25
Black Hawk Rock Club, Ia. (500%)	16.75
Starved Rock Rockhound, Ill.	4.40
Neville Public Museum Geology Club, Wis.	14.40
Chamberlain Gem & Mineral Society, S. Dak.	7.00