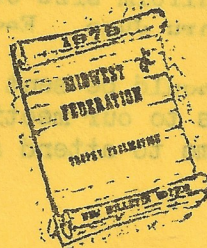
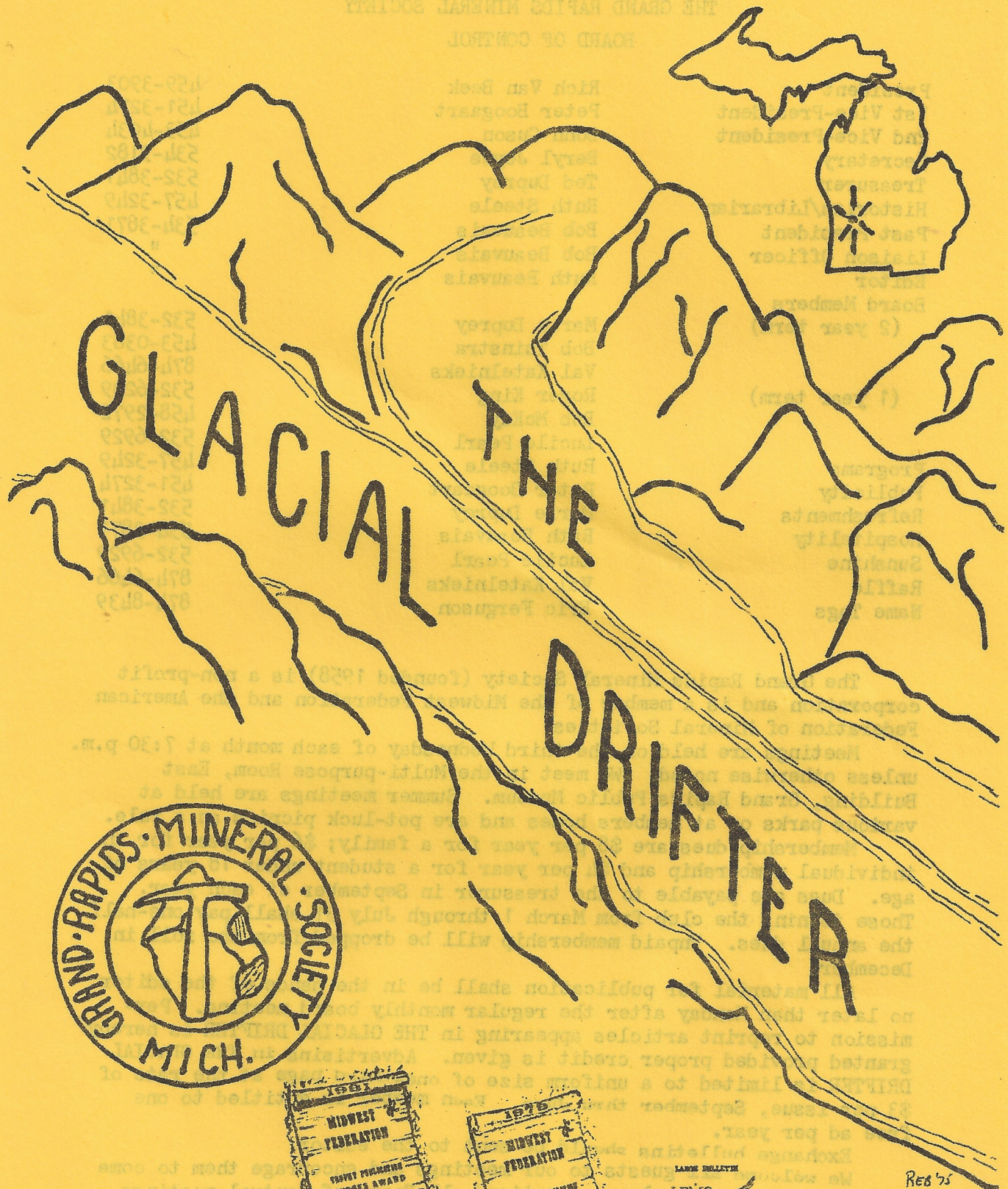


NOVEMBER 1984



Res '75



# THE GRAND RAPIDS MINERAL SOCIETY

## BOARD OF CONTROL

President	Rich Van Beek	459-3903
1st Vice-President	Peter Boogaart	451-3274
2nd Vice-President	Donn Cuson	453-4034
Secretary	Beryl Joyce	534-9182
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Editor	Ruth Beauvais	"
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(1 year term)	Roger King	532-6239
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Sunshine	Val Katelnieks	874-6466
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Name Tags		

The Grand Rapids Mineral Society (founded 1958) is a non-profit corporation and is a member of the Midwest Federation and the American Federation of Mineral Societies.

Meetings are held on the third Wednesday of each month at 7:30 p.m. unless otherwise noted. We meet in the Multi-purpose Room, East Building, Grand Rapids Public Museum. Summer meetings are held at various parks or at members homes and are pot-luck picnics as a rule.

Membership dues are \$8 per year for a family; \$6 per year for an individual membership and \$4 per year for a student under 18 years of age. Dues are payable to the treasurer in September of each year. Those joining the club from March 1 through July 31 shall pay one-half the annual dues. Unpaid membership will be dropped from the roll in December.

All material for publication shall be in the hands of the editor no later than Monday after the regular monthly board meeting. Permission to reprint articles appearing in THE GLACIAL DRIFTER is hereby granted provided proper credit is given. Advertising in THE GLACIAL DRIFTER is limited to a uniform size of one-third page at the rate of \$3 per issue, September thru June. Each member is entitled to one free ad per year.

Exchange bulletins should be sent to the editor.

We welcome all guests to our meetings and encourage them to come again. Members are welcome to attend all Board of Control meetings as guests.



# THE GLACIAL DRIFTER

## NOVEMBER 1984

Volume 27

Number 3

### G.R.M.S. CALENDAR

Saturday, Nov. 10 10 a.m. Meet at Shelby Gems for a Field Trip through the factory and show rooms of this maker of the finest synthetic gemstones. See page 4 for detailed instructions. Check the information now, the time is short!

Wednesday, Nov. 14 7:30 p.m. Regular Meeting (this is one week early because of Thanksgiving! Program: "GOOD USES FOR ROCKS" See page 3!

Monday, Nov. 19 7:30 p.m. Board of Control meets at the home of Ted and Marie Duprey.

Wednesday, Dec. 19 7:30 p.m. Christmas Meeting. Dessert Smorgasbord. Program: "FLOWERS AND BLOOPERS AND PLEASANT SURPRISES!"

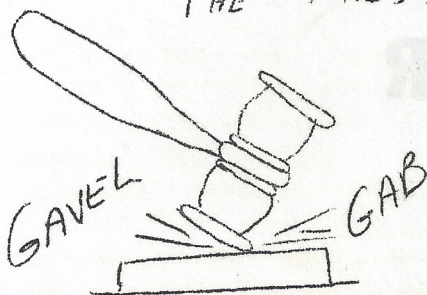
### SHOWS AND SWAPS

The current season for shows is over for this year. However, with the arrival of 1985 the new shows will be coming up. The first of these is our own show at the Grand Rapids Public Museum in February. Then there will be all the many spring shows to keep up occupied and give us all places to go. Watch for the new calendar when it appears in the next few months.





## THE PRESIDENT'S PAGE



We are well into another year of the Grand Rapids Mineral Society, just past our 26th annual dinner. It is getting to that time of the year, with the holiday season upon us, that everybody will be thinking of Thanksgiving and Christmas, but let's not forget the club and attend the meetings. Our program chairperson works hard to get programs for our meetings that are not only entertaining but educational, and then is embarrassed and disappointed when

only about ten or fifteen members show up. This is very discouraging for the few members who work hard to keep this club together.

Our show at the museum, in 1985, will run from February 2 thru February 24. The success of this show depends on all members helping out. When our show chairman, Val Katelnicks, calls you to help, please don't turn your back on him. We will need displayers and demonstrators, plus hosts and hostesses for each Saturday and Sunday. I know that this is early to discuss the show but remember February is only three months away and time sure does go fast when you are busy.

Don't feel discouraged if you have only one or two items to display. We need everything we can get and a place will be found for everything. For those of you who don't collect mineral specimens but do lapidary work, we need you to help demonstrate and talk to the public. Don't be afraid - those who come to watch will not bite you - remember, they just want to learn.

We will have a couple of tables where we will be selling specimens, mostly for the children. Remember that we will need contributions for this. You know, even with rocks, what is one person's junk may be someone else's treasure. Bring this material to our January meeting.

Some members complain that there are no field trips. Our field trip chairman, Donn Cuson, is in the process of making plans for several field trips this year.

This article is somewhat different than the usual Gavel Gab that appears every month. During this year this page will be written by other members of the Board of Control, as requested by President Rich Van Beek.

- Ted Duprey, Treasurer

OUR OCTOBER MEETING (for those of you who missed it) was something special. First, we had a delicious dinner with all sorts and varieties of food. Our gratitude is expressed to Mabel Bowers for arranging for the dinner, to Prem McKay for doing the dried flower centerpieces (which were later given as door prizes), and to Marie Duprey, who helped as she always does.

Replete with food, we settled down to hear our speaker of the evening, Dr. Don Wilson of Calvin College. Now hearing about early man in Africa may not sound very interesting to some people, but with Dr. Wilson at the blackboard, it turned into a quiz program which kept us all on our toes...or rather, on the edge of our chairs.

(concluded on bottom of page 3)



## OUR NOVEMBER PROGRAM

GOOD USES FOR ROCKS  
A WORKSHOP-IDEAS EXCHANGE

During this past week I have done some calling -- and if I haven't reached you yet, I will. I'm asking everyone to bring an example of what you have done or are interested in doing with rocks ....to either tell us about it or demonstrate briefly. I know there are experts among us, however modest they are. We have seen many good examples, but we want all our members to see and learn how it is done.

Some of those who will be doing some work and will talk about it are listed in the preview below:

Marie Duprey, gem trees	Art Ferguson, gypsum lapidary
Beryl Joyce, rock critters	Art Hookwater, belt buckles
Nellie Mead, rock projects for gardens (she's our landscaper)	
Mary Honton, correct technique for extracting thomsonite	

This is only a partial list - we don't want to reveal all the surprises. Now, what do you do with rocks, or what would you like to learn to do? Perhaps you can offer some suggestions about how to work in a different way to obtain the result desired. Have you ever wanted to know how to do something you would like to try, but have been afraid to ask? Here's your chance!

Let's all share in the fun and participate in some way for our mutual benefit. Looking ahead, some of these projects can be used in our 1985 February show. We're calling it "What Can You Do with A Rock?" That leaves the field wide open for diversity and should include all of us.

I know we have some talented though modest people who have much to offer. This is something to anticipate on Wednesday, November 14. If I haven't yet called you, give me a call, please, or just bring your "rock project" to share.

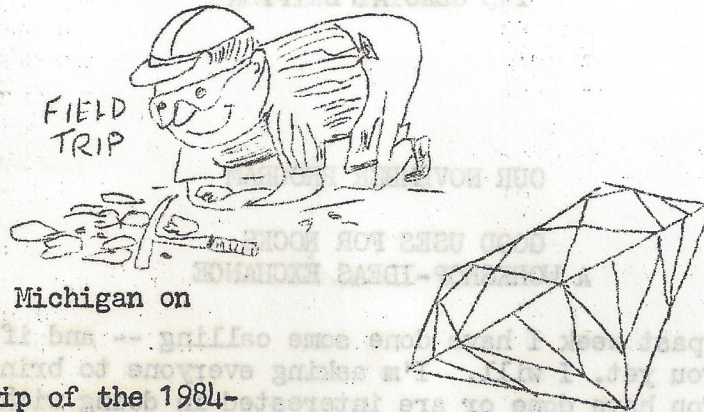
- Ruth Steele, Programs

OCTOBER REVIEW (concluded)

Dr. Wilson, who was with the Leakey expedition, spoke about the first discovery of bones in Africa and how anthropologists determined its height, age, etc. He gave three criteria used to determine whether these bones belonged to humanoid or animal (man or ape): size of the brain (by the size of the skull), shape of the hips, presence or absence of tools. He then took a count of those who thought the first skull found (as he described it) was human, then a count of those who thought it might be animal. He then progressed to the next discovery, told its characteristics, and took another vote. He did it again, and once again. Each time those in favor of human over animal increased. We weren't the only ones who couldn't decide. At the present time even the experts don't agree. But it is a fascinating subject and a great program.

- Ruth Beauvais





We're going to Shelby, Michigan on Saturday, November 10!

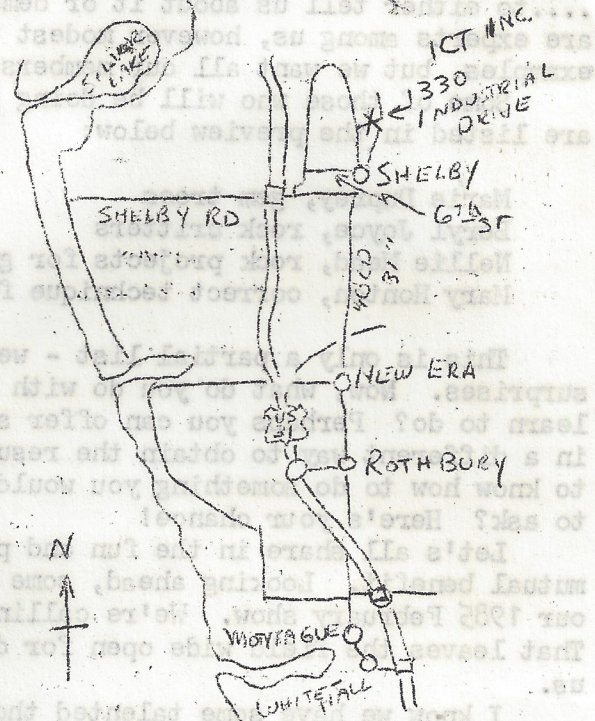
This, our first trip of the 1984-85 season will take us to Shelby where we have made arrangements to tour the plant facilities of ICT, Inc., one of the worlds' largest manufacturers of synthetic gemstones.

After an introductory slide program we'll go into the plant itself for a guided tour and explanation of the crystal growing processes. A visit to the sales floor is next in order, and we can appreciate the beauty of these gemstones after they have been out, polished and set in attractive jewelry. (The cutting and polishing is not done in the factory.)

Our appointment is scheduled for 10 a.m. on Saturday, Nov. 10.

If you would like to travel in a group and possibly pool rides, meet at the Alpine K-Mart, on Alpine NW just north of the I96-Alpine exit at 8:15 a.m. Park close to Alpine, between the Auto Center and the Clock Restaurant.

We will leave promptly at 8:30 a.m. If you prefer to drive up alone and meet us at ICT at 10 a.m., see the accompanying map. There is a good restaurant in Shelby where we can have lunch together if we like. Be sure to arrive at ICT by 10 a.m.; once we go in the doors will be locked and the salesroom does not open until noon.



If you have any questions, please call Donn Cuson, 453-4034, or Bob Beauvais, 534-3871

Join us if you can; you'll enjoy it!

#### PRAYER FOR ROCKHOUNDS

Let me dig in a ditch by the side of the road,  
Let me chip and pick and be able to carry the load,  
Let me be a friend to the rockhound  
And tell him what I have found,  
Let my back ache, let me swelter or freeze,  
But let me find something valuable JUST ONCE PLEASE!!!

via ROCK RUSTLERS NEWS & PEBBLE PUSHER (5/84)



MORE ABOUT FIELD TRIPPING

by Donn Cuson, Field Trip

Chairman

TENTATIVE 1985 FIELD TRIP SCHEDULEMarch 5 Michigan Natural Storage Co.

Wyoming, MI.

April 5,6,7 Brown County, Harrodsburg  
and Corydon, IndianaMay 25,26,27 Keokuk, IowaJuly 4-7 Dundas, Ontario, CanadaAugust 10 Glenn, MichiganAugust 31, September 1,2 Pints Quarry,  
Waterloo, IowaOctober 12 Pleasant Ridge, Iowa

Well, the above list of field trips looks like next year could be very exciting. We will try and have something to do almost every month starting in March with a trip close to home, our old friend the gypsum mine.

We are hoping to have a field trip column every month describing where we will be going, how to get there, what to bring, how long and how far, where to stay and last but not least, just what you might find when you get there.

During the next few months I'm going to try and talk some of our members who have been to these places into bringing down a few examples of just what you can find when you get there. I think that once you see some of these specimens you will be as excited as I am about going.

So mark the dates on your calendar now and start saving your pennies. You won't regret the exciting experiences that await you during the 1985 Grand Rapids Mineral Society field trip season.

GET READY FOR OUR DECEMBER PROGRAM!

It's going to be all about "Flowers, Bloopers and Pleasant Surprises" I am asking members to come to the meeting and tell about some of the nice things that happened unexpectedly as they pursued our rockhound hobby. Or maybe you want to tell us of the "bloopers" you pulled -- incidents and situations that resulted when you make a definite "flop." Perhaps that blooper worked out well, for some people always naturally come out of any situation "smelling like a rose." All these stories may be eligible for an award (?) and should provide a happy atmosphere to go with the Christmas season.

To make the occasion more festive let's see what rocks look like as Christmas decorations; i.e., as centerpieces, mobiles, tree ornaments, jewelry, or as a gift. If it's something tucked away from a past Christmas, bring it along so we can enjoy! Let's see how creative you can be!

We'll top all this off with a dessert smorgasbord -- bring a small dessert to share as we enjoy our coffee.

- Ruth Steele

Program Chairperson

Dues are due, dues are due, dues... Does that sound like a broken record? However it sounds, it is true. Unless we receive your dues before our next issue goes to press, we cannot send you another GLACIAL DRIFTER. If you haven't renewed by now, better send in your dues!

Via THE ROCK BOX

EDITOR'S BLUES

Via THE CRYSTAL GAZER (12/83)

I'd like to write a story of the big geodes you found,

And of the friendly campsites and the stories that abound;

Of your trips to far off places and the famous folks you've met.

But all there is to fill these pages is the news I didn't get.

What's new at the old diggings? Does that polish really shine?

Have you tried a new location? Have you visited the mines?

I'm not after your gold nuggets, as I sadly sing the blues,

My heart is bleeding printer's ink as I beg you for some news.



## MINUTES OF THE MEETING

BOARD OF CONTROL, Oct. 22, 1984

The Board of Control met at the home of Donn Cuson. Meeting was called to order at 7:30 p.m. by President Rich Van Beek. Present were Donn Cuson, Ted and Marie Duprey, Roger King, Val Katelnieks, Lucile Pearl, Ruth Steele, Bob and Ruth Beauvais and Beryl Joyce.

Minutes were corrected and approved. Treasurer reported a checking account balance of \$621.43. Report was approved.

Donn Cuson made a motion to increase the budget for the program chairperson from \$75 to \$125. Ted Duprey seconded the motion and it was approved.

We discussed title for our show. Roger King made a motion to call it "What Can You Do with A Rock?" Val Katelnieks seconded it and it was approved.

Rich asked for a volunteer for show chairman. Val Katelnieks accepted the position.

Ruth Steele suggested programs for teaching people different skills for our November meeting. The Dec. 19 meeting was discussed, also a field trip to Shelby, Michigan.

Bob Beauvais made a motion to buy 10 mineral posters from AFMS for \$10 each, to be sold for \$11. Second by Donn Cuson, and approved. Bob Beauvais discussed the cost cutting the MWF must do to keep within its budget. Next board meeting will be at the Duprey home. Meeting adjourned.

Respectfully submitted,  
Beryl Joyce, Secretary

DID YOU KNOW? DID YOU KNOW? DID YOU?

The almighty chip of today's computers is made from refined silicon taken from our lowly and abundant quartz rocks. So don't turn your nose up at that piece of milky quartz rock you may stumble over. Who knows? It might be the computer of tomorrow that makes all those mistakes when billing you.

from THE GLACIAL DRIFTER (Kansas)  
and many other bulletins

## TREASURER'S REPORT

Checking Account Balance 9/20/84  
\$ 813.93

## Income:

Memberships	72.00	72.00
		<u>885.93</u>

## Expense:

Bank chgs.	.75
Sept. speaker	25.00
Addressograph plates	10.00
Stamps	100.00
MWF Newsletters	27.00
Museum rent	15.00
Dinner supplies	17.25
Raffle & guest prizes	<u>69.50</u>

	264.50
Checking Balance, Oct. 22, 1984	<u>621.43</u>
Savings Account	\$324.02
Scholarship Fund	<u>\$779.45</u>

Respectfully submitted  
Ted Duprey, Treas.

FROM THE  
MAILBOX

John and I wish to thank the members of the Grand Rapids Club for a very nice evening. The food was absolutely delicious. Your speaker had such an interesting topic and presented it in a very entertaining way.

It was also a pleasure to see so many people that we knew.

The arrangement that we won still looks like it was just made. The green ivy has dried a green color. Also the Brazilian agate is going to be used as a sun catcher in my kitchen window.

Thank you very much for inviting us to your banquet.

Sincerely yours,

John and Julie Donker  
(Tulip City Gem & Mineral Club)

Dear Friends, As the representatives of the Indian Mounds Club we wish to thank you for a most enjoyable evening. The potluck was delicious and the speaker most interesting. Thank you, too, for the lovely geode.

Sincerely,  
Bob and Lois Shaltis



# Midwest Federations NEWSLETTER

Published monthly except July and August as a service to member clubs. All news and articles should be sent to the Editor, Mrs. BETTE SMITH, 10607 Mary Ann, Zeeland, MI 49434. All subscription orders should be sent to Parrot Printing Service, 2125 Forest Ave., Des Moines, IA 50311.

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Vicksburg, MI 49097



NOVEMBER 1984 - Issue No. 248

## BULLETIN

## winners announced



CONGRATULATIONS TO ALL 1984 WINNERS AND TO ALL WHO ENTERED THE CONTEST. ALL ENTRIES WERE GIVEN GRADES ABOVE 70.

**MINI BULLETIN** - 1st - THE SHIELD, Joseph R. Ohm, Editor.

Akron Mineral Society, Akron, OH

2nd - MASTODON TRACKS, Gert Larson, Editor. Badlands Sand-

hills Earth Science Club, Mission, SD

3rd - WORTHEN WORTHY NOTES - Irma Bradley, Editor. Worthen  
Earth Searchers of Hancock County, Carthage, IL

**CERTIFICATES** - 4th - THE ROCK, Rich Day, Editor. Sauk Valley  
Mineral Club, Dixon, IL

5th - AGATEER, Rick Maske, Editor. Madison Community Center

Lapidary & Mineral Club, Madison, WI

6th - ROCK TALK - Ida Webb, Editor. Richfield Mineral Club,  
Richfield, MN

**SMALL BULLETIN** - 1st - THE BEACHCOMBER, Gloria Suess, Editor.

Lake County Gem & Mineral Society, Waukegan, IL

2nd - THE ROCK RAMMER, Mildred E. Heckert, Editor. Elgin Rock  
& Mineral Society, Elgin, IL

3rd - ROCK TABLET, Carol Anderson, Editor. Neville Public  
Museum Geology Club, Green Bay, WI

**CERTIFICATES** - 4th - SMOKE SIGNALS, Delores Bates, Editor.

Blackhawk Gem & Mineral Club, East Moline, IL

5th - THE GLACIAL DRIFTER, Ruth Beauvais, Editor. Grand Rap-  
ids Mineral Society, Grand Rapids, MI

6th - FLINT FLASHES, Helen L. Smith, Editor. Licking Rock &  
Mineral Society, Newark, OH

7th - THE GEMROCK, Betty S. White, Editor. Independence Gem  
& Mineral Society, Independence, MO

8th - SUMMIT GEM, Grace White, Editor. Summit Lapidary Club,  
Cuyahoga, OH

9th - PEBBLE PUSHER, Ruth Harvey, Editor. Coulee Rock Club,  
La Crosse, WI

10th - THE PYRITER, Lyle Voas, Editor. Dallas County Rock  
Club, Adel, IA

**LARGE BULLETIN** - SPECIAL AWARD - GEM CITY ROCK NEWS, Rita C.

Hagerbaumer, Editor. Gem City Rock Club, Quincy, IL

1st - THE LITHNICS, Evelyn Rohn, Editor. Richland Lithic Lap-  
idary Society, Mansfield, OH

2nd - OZARK EARTH SCIENCE NEWS, Jean Zahnen, Editor. Ozark  
Earth Science Club, Mountain Home, AR

3rd - ROCKHOUND NEWS, Rosa M. Bord, Editor. Heart of Wiscon-  
sin Gem & Mineral Society, Wisconsin Rapids, WI

**CERTIFICATES** - 4th ESCOMO, Shirley Uebel, Editor. Earth Sci-  
ence Club of Missouri, Brentwood, MO

**X - LARGE BULLETIN** - 1st - THE OPAL, Lois McMahon, Editor.

West Suburban Lapidary Club, Elmhurst, IL

2nd - THE TRILOBITE, Margaret M. Pearson, Editor. Wisconsin  
Geological Society, Milwaukee, WI

3rd - CRYSTAL CLUSTER, Mary Ann Gaydos, Editor. Des Plaines  
V. Geological Society, Des Plaines, IL

**CERTIFICATES** - 4th - THE TULLY, Betty Van Erden, Editor. Park  
Forest Earth Science Club, Park Forest, IL

5th - EARTH SCIENCE NEWS OF NORTHERN ILLINOIS, Jean Reynolds,  
Editor. Escon, Downers Grove, IL

6th - THE GEODE, Ted Marikos, Editor. McDonnell Douglas Gem  
& Mineral Society, St. Louis, MO

7th - THE JASPILITE, Helen Johnson, Editor. Ishpeming Rock &  
Mineral Club, Marquette, MI

8th - THE PICK & SHOVEL, Vera Mae Lyman, Editor. Lincoln Gem  
& Mineral Club, Lincoln, NE

9th - 3M ROCKHOUND NEWS, Aleene Wistrom, Editor. 3M Prospect-  
ors Club, St. Paul, MN

**NEW OR FIRST TIME EDITOR** - 1st - ROCKY READER, Frances Bush,  
Editor. Toledo Gem & Rockhound Society, Toledo, OH

2nd - ROCK DUST, Gladys Holliday, Editor. Sioux Empire Gem &  
Mineral Society, Sioux Falls, SD

3rd - THE PETOSKEY STONE, Florence Rescoe, Editor. CAI Family  
Lapidary Club, Drayton Plains, MI

**CERTIFICATES** - 4th - NEWSLETTER, Clena V. Gibson, Editor.

Flint Rock & Gem Club, Flint, MI

5th - ROCK RAMBLINGS, Marilyn Lord, Editor. Lakeshore Mineral  
& Lapidary Society, Mentor, OH

6th - TONKA TAILINGS, Fran Krogstad, Editor. Minnetonka Min-  
eral Club, Minnetonka, MN

**SPECIAL PUBLICATIONS** - 1st - 30TH ANNIVERSARY ISSUE - Ishpem-  
ing Rock & Mineral Club, Helen Johnson, Editor of the Jaspilite

2nd - NEVILLE PUBLIC MUSEUM GEOLOGY CLUB (special edition),  
Charles Enigl, Author, Green Bay, WI

3rd - OHIO FIELD TRIPS, Frank Markert, Editor. Akron Mineral  
Society, OH

**CERTIFICATES** - 4th - THE TRILOBITE - SPECIAL EDITION, Margaret  
M. Pearson, Editor. Wisconsin Geological Society, WI

5th - DES PLAINES VALLEY GEOLOGICAL SOCIETY - 25th ANNIVERSARY,  
Josephine Hay, Author, Des Plaines, IL

**JUNIOR ORIGINAL ARTICLE CONTEST** - 1st - MY DREAM FOSSIL, Tanya  
Esmond, Author. Published in Rock Rammer, March 1983, Elgin  
Rock & Mineral Society, Elgin, IL

**ADVANCED ADULT ORIGINAL ARTICLE CONTEST** - 1st - COMPUTERIZED  
MICROMOUNTS, Esther Behnke, Author. Published in Escon, Feb-  
ruary 1983, Earth Science Club, Clarendon Hills, IL

(Same article, with one different paragraph entered by Crystal  
Cluster April 1983, Club will receive a certificate)

2nd - MORE TOOLS FOR FIELD TRIPS, Jean Reynolds, Author. Pub-  
lished in Escon, December 1983, Clarendon Hills, IL

3rd - THE SIMPLE AND WONDERFUL JEWELERS SAW, Dick Rowe, Author.  
Published in Smoke Signals, November 1983, Blackhawk Gem &  
Mineral Club, Rock Island, IL

**CERTIFICATES** - 4th - ANTARCTIC MINERALS, Dan Muzynski, Author.  
Published in The Rocky Reader, May 1983, Toledo Gem & Mineral  
Club, OH

5th - THE THIRD PLANET - EARTH - MILWAUKEE PUBLIC MUSEUM, Jean  
Reynolds, Author. Published in Escon, December 1983, Claren-  
don Hills, IL

6th - GENERAL GEOLOGY AND TOPOGRAPHY OF ILLINOIS, Allen Debus,  
Author. Published in Earth Science, March 1983, Escon,  
Clarendon Hills, IL

THE RULES AND GUIDELINES WERE PRINTED  
IN THE OCTOBER BEN FOR THE 1985 BULLE-  
TIN EDITORS CONTEST. MAIL ALL ENTRIES

...continued next page

BY JANUARY 21, 1985 TO RITA HAGERBAUMER. NO ENTRIES  
ACCEPTED AFTER JANUARY 31, 1985.



- 7th - FINDING GEMS IN BEDFORD, PA, Carl and Joanne Malnar, Authors. Published in Rock Ramblings, September 1983, Lake Shore Mineral & Lapidary Society, OH  
8th - WHAT IS A MINERAL AND WHAT IS A ROCK?, Frank Schrichte, Author. Published in the Fort Hamilton Gems, November 1983. The Fort Hamilton Gem & Mineral Society, OH  
9th - MINER'S COMMENTARY, Dr. Gerald Smith, Author. Published in the Flint Rock & Gem Club Newsletter, February 1983, Flint Rock & Gem Club, MI  
10th - FUNCTIONAL MORPHOLOGY OF THE ECHINOIDS, Allen A. Debus, Author. Published in Earth Science News, October 1983, Escon, Clarendon Hills, IL

ADULT ORIGINAL ARTICLE CONTEST - 1st - WHAT IS A SHOW ALL ABOUT?, Adele Burckle, Author. Published in the Beachcomber, September 1983, Lake County Gem & Mineral Society, Waukegan, IL  
2nd - DEATH VALLEY PLUME, Fran Krogstad, Author. Published in Tonka Tailings, September 1983, Minnetonka Mineral Club, MN  
3rd - FUN AT HERKIMER, Harold L. Vanderbilt, Author. Published in The Tully, September 1983, Park Forest Earth Science Club, IL

CERTIFICATES - 4th - A FIELD TRIP FOR DIAMONDS, Frank York, Author. Published in Fort Hamilton Gems, November 1983, The Fort Hamilton Gem & Mineral Society, OH  
5th - A JOURNEY ALONG THE YELLOWSTONE, Bob Charbonneau, Author. Published in 3M Rockhound News, November 1983. 3M Prospectors Club, MN  
6th - ROCK SWAP REFLECTIONS, Fred S. Farrar, Author. Published in the Mishna Valley Grindstone, October 1983, Mishna Valley Rock Club, IA  
7th - THE FIRST 30 YEARS, C. Robert Markert, Author. Published in The Jaspilite, (three installments) 1983, Ishpeming Rock & Mineral Club, MI  
8th - MWF CONVENTION AND SHOW AT KALAMAZOO, MI, Ida Webb, Author. Published in Rock Talk, September 1983, Richfield Mineral Club, MN  
9th - RICHFIELD MINERAL CLUB POTLUCK PICNIC, Fran Erickson, Author. Published in Rock Talk, June 1983, Richfield Mineral Club, MN  
10th - LAPIDARY - AN EVOLUTIONARY ART, George Gihacek, Author. Published in Loup Scoop, May 1983, Loup Valley Gem & Mineral Society, NE

Keep sending the Bulletins to me, Rita C. Hagerbaumer, BEAC 1537 Manor Hill, Quincy, IL 62301

### SPECTACULAR PALEO-INDIAN SITE FOUND IN CHILE

A new site, with fantastic preservation, dating to 12,500 to 13,500 years ago has been excavated by a University of Kansas team. The excellent preservation at the site was caused by a bog which has buried the site for thousands of years. Among the discoveries were mastadon bones, end scrapers still hafted on wooden handles, wooden mortars with wooden stakes placed around them to prevent them from shifting, and the remains of architectural foundations.

These foundations are most interesting. There are twelve of them, most joined one to another. They are made of cut wooden planks staked in place. Fragments of mastadon hides found against some of the foundations suggest that the structures had wooden frameworks covered by hides. Outside the structures are large communal hearths, and inside the structures small baked-clay charcoal ovens.

Several artifacts have been found which  
...continued next column

are quite different from the usual Paleo-Indian site. No spear points, fluted or unfluted, were found, but instead pebble tools from fractured river pebbles were found. Grinding stones, extremely rare at Paleo sites, were also found.

Taken from "The Mammoth Trumpet", a new publication specializing in Paleo-Indian research news.

Submitted by Glen R. Hanning, Archaeology Chairperson

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The MWF extends sympathy to Beverly Millard whose husband Arthur Millard passed away this summer. Art was the Special Display Chairperson for the MWF.

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### THE 1985 EDUCATION THRU SHARING PROGRAM IS UNDERWAY NOW!!

The search for the Midwest Federation's 1985 Club Member of the Year has already started. And we ask that you help us find that very dedicated person. Every club has someone who is always there to help out when the going gets rough. Here is your club's chance to show that person that you really do appreciate all their work on behalf of you, your club and th hobby. The 1985 Midwest Federation rules and a sample judging sheet is included in this newsletter. The time to start documenting those activities is NOW!!

Margaret M. Pearson, Chairperson/Education and Education Thru Sharing

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The object of the AFMS Scholarship Foundation is to accumulate a fund, the income from which is to be used to finance scholarships. The principal cannot be used, hence the usefulness of the fund is perpetual. Whatever is in the fund keeps working year after year indefinitely into the future. The larger it becomes, the more it can do - not only once, but time after time as years go by.

Read the "pink pages" in your 1984-85 MWF Directory to learn more about your Scholarship Foundation. These pages also lists the status of all our Midwest Clubs. You can learn how your club compares with others.

Gifts or contributions to the Fund should be sent to Mrs. Marian Parch, P.O. Box 180, Fountain City, Wisconsin 54629

The next Newsletter will list all clubs who have advanced their Scholarship Status since June 1984.



A ROCKY TALE

Everybody in Arkansas knows about Little Rock, but how about Plymouth Rock? It's 'way off in the east and can't talk back and I guess it's safe to talk about it.

Plymouth Rock has had a lot of stories told about it and it even had its picture on a stamp. It is a huge chunk of granite, a glacial erratic brought down from the Laurentian highlands some 35,000 years ago. It serves no useful purpose and is rather unstable. Some years ago I was on a rock trip (with 300 other rockists) near Wausau, Wisconsin. I saw many quarries with sturdy granite. One site, however, had friable granite; unusual because it crumbled and broke readily. Is the Plymouth Rock friable? Is that why this is a rocky tale?

Tradition has it that the Pilgrims landed on that rock, taking their first steps in the New World climbing over it. That sounds silly. Some of the men (show-offs!) may have climbed it but surely the women had sense enough to walk on the sands. For 121 years nobody paid any attention to the boulder. A wharf was built over it but 33 years later, in 1774, the Sons of Liberty decided to move that ten-ton rock up to the town square.

The Liberty boys hitched 30 oxen to a wagon, jacked up the rock to put it on the wagon - and the bottom half of that rock split off and fell back into the sea. The 30 oxen hauled only the top half to the town square. For 60 years souvenir hunters whacked off specimens. A dealer offered a piece the size of a hen's egg for \$1.50. A 50-pound chunk went to Brooklyn to be mounted on a church wall.

Back in 1834 it was decided to fence in the Plymouth Rock, first putting it in the new Pilgrim Hall. This was to be a 4th of July celebration. A parade of school children was formed with a drum and bugle corps. The famous rock was put on a flower decorated wagon. The rock fell off and split again. How embarrassing! Quickly the pieces were reloaded, hauled to the hall and cemented back together. This time a protective fence was build and probably rock hunters were frisked for hidden hammers.

A local historical group couldn't leave well enough alone; they build an elaborate canopy over the abandoned half which had been left at the seashore. For the next thirteen years the question was asked, "Which is the real Plymouth Rock?" In 1880, the part on display at the hall was taken back and rejoined to the bottom half. This should have been the end but it wasn't.

In 1920, the 300th anniversary of the Pilgrims' landing, another site was chosen at tidewater. A steam shovel scooped out the new site. Now instead of 30 oxen a huge crane was brought into use, and to do the lifting the rock was wrapped with heavy chains. The chains tightened - and there was a crunch! Plymouth Rock went to pieces again. (Quick! Where's the glue?) That famous rock was glued together once more and now has a roof over its head.

And - that's the end of this rocky tale.

by Reuben Lampe  
from OZARK EARTH SCIENCE NEWS (2/78)



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