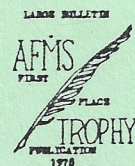
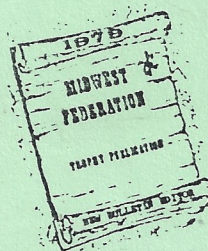


JANUARY 1987

THE GRAND RAPIDS MINERAL SOCIETY



REB '75



## THE GRAND RAPIDS MINERAL SOCIETY

President	Donn Cuson	453-3485
Vice-President	Peter Boogaart	451-3274
Secretary	Arlene King	532-6239
Treasurer	Ted Duprey	532-3841
Historian/Librarian	Crystal Boogaart	451-3274
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	Herm Prins	241-4827
	Ruth Steele	791-9837
Programs	Roger King	532-6239
	Rich Van Beek	459-3903
	Peter Boogaart	451-3274
Publicity		

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 member 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 memberships 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 given 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.

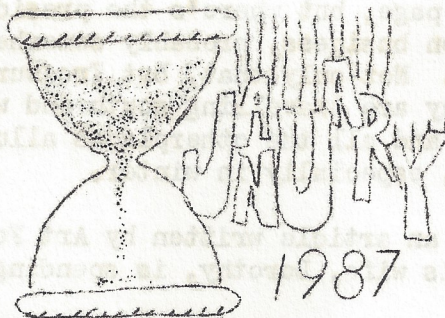
We welcome all guests to our meetings and encourage them to come again. Members are welcome to attend all Board of Control meetings as guests.



# THE GLACIAL DRIFTER

Volume 29

Number 5



## G.R.M.S. CALENDAR

Wednesday, Jan. 21 7 p.m. Board of Control meets at the Grand Rapids Public Museum.

8 p.m. Regular Meeting. Our special guest will be Harold "Arizona" Rice, our new Michigan State Director for the Midwest Federation. Arizona will present his plans for the future, and tell us what the MWF can do for us and what we can do for the MWF.

## COMING EVENTS

Feb. 15 Plymouth, MI Rock & Mineral Society - Show  
525 Farmer, Plymouth, Noon to 5 p.m.

Mar. 7-8 Livonia, MI Auction of Mineral & Lapidary  
Material; by the Roamin Club at Schoolcraft College  
Waterman Campus Center Bldg. 18600 Haggerty Rd.  
Sat. 11-6 -- Sunday noon-6

Mar. 22 Allen Park, MI Annual Metro Rock Swap at  
Allen Park Civic Hall, 15871 Philomene. No ad-  
mission charge. Table space: \$6 for 8 ft. space  
Swap, sell or buy. Refreshments

Apr. 3-5 Flint, MI Rock & Gem Show, Williams School  
3501 Minnesota

Apr. 6-11 Grand Rapids, MI Indian Mounds Rock & Mineral  
Club Show, Eastbrook Mall.

Apr. 10-12 Mt. Clemens, MI Show

APRIL 25-MAY 9 OUR SHOW AT BLANDFORD NATURE CENTER

Apr. 25-26 Cincinnati, OH Show by Cincinnati Mineral  
Society, Convention Center, 5th & Elm



## THE PRESIDENT'S PAGE

Here's the page, but where's the president? He's off somewhere on business, probably somewhere in the Orient. Not only that, but Treasurer Ted and Marie Duprey are travelling south and west heading for Tucson and all the other places alluring to rockhounds, especially in winter.

We do have an article written by Art Ferguson, who with his wife, Dorothy, is spending the winter in Tucson.

LAST MONTH

Our auction sale last month was a lot of fun and there was a lot of rivalry for some of the specimens up for sale. It, the auction, accomplished two things: it put some very nice specimens, both mineral and fossil, into the appreciative hands of our members, and increased our treasury besides. I hope the new owners will treasure their purchases as much as the previous owners did.

The smorgasbord "spread" afterwards was delicious, providing treats both high and low in calories-- a very nice array! Our thanks to all who came and participated in the auction and to those who brought the goodies.

We don't have the results of the auction yet, and may have to wait until Ted returns. Arlene King is temporary treasurer and she may have the results at our next meeting.

## DID YOU KNOW?

- That clams live up to 20 years, and their shells can endure for hundreds of millions of years on the ocean floor. When they are sliced by paleontologists they can reveal the temperature and content of the ancient seas.

-via Ozark Earth Science News  
(1/87)

## IT'S TRUE!

The weight of rocks collected is proportional to the square of the distance from your car and doubles for every ten degrees of the hill you must climb.

via Osage Hills Gems (10-86)

## THERE'S A LOT OF IT GOING AROUND!

VIRUS: a Latin word used by doctors to mean, "Your guess is as good as mine."

via Trinity Tailings & Breccia 9/86



## CAMPING FRIENDS

One of the things we enjoy most about our camping trips is the people we meet, the friends we make. Inventors, doctors, teachers, etc., all have crossed our path. Here are a few examples.

Two different winters, Lloyd Barger and wife have been here. He is an inventor and machine shop owner who showed me a sample of a very clever valve he had made up. Some sort of injector, I believe. He also told about his grandfather, after whom Willbarger County in Texas is named. He (Will) also had to leave the area after being found in bed with someone else's wife.

Another time a man showed me the skirt on a screw on a pop bottle cap. I had thought this was just part of the seal to prove the bottle was not opened before purchase. He said he designed it to keep the pressure from building up too high. In other words, a pressure relief valve.

Another camper had property up in Montana in the sapphire area. He was a rockhound, of course, and a faceter.

We have another friend here now from Miles City, Montana who is a retired locomotive engineer. He told about hitting a large golden eagle one time. As he was only travelling 30 mph, he went out on the grab bars and brought it into the loco, intending to give it to the DNR. Then, realizing it wasn't too smart to have a bird with a five-foot wingspan and big sharp talons and beak inside, he put it out beside the tracks and called the DNR later.

We correspond with a number of these friends across the country and meet some of them in the camps across the land quite by accident. A truly enjoyable event!

- Art Ferguson

(Art adds that the weather has been very nice so far. Soon they plan to go up to Rockazona at Peoria, northwest of Phoenix, then on to Scottsdale where he has a cousin. He and Dorothy hope to see Leo Hoogerhyde some time and to run into former member Marie Spielmaker. Say, Art, tell us about Rockazona!

PLATINUM IN MONTANA Within the next five years a group of American companies will begin mining a huge untapped deposit of platinum in Montana. The narrow vein, which runs through the Beartooth Mountains near the Stillwater River, is some 28 miles long and is estimated to be as deep as 8,000 feet in parts. Platinum is essential to the automotive, chemical and electronic industries. Although the U.S. uses almost 800,000 ounces of the metal annually it imports 81% of its supply from South Africa and the Soviet Union. The Montana mine may hold as much as 50 million ounces of platinum and related metals, making it one of the world's largest known sources.

- GEO Magazine, Nov. 1984, via The Tumbler and  
The Rock Vein of Winnepeg, Man.



## MINUTES OF THE MEETING, Dec. 17, 1986

Board of Control met at the Grand Rapids Public Museum before our regular meeting. Present were Pete and Crystal Boogaart, Marguerite Petersen, Ted and Marie Duprey, Donn Cuson, Bob and Ruth Beauvais, Roger and Arlene King, Val Katelnicks and Ruth Steele.

Meeting called to order by President Donn Cuson; minutes and treasurer's report read and approved.

Program next month will be Harold Rice of the IMF.

Moved by Roger King that we consolidate our two savings accounts to save service charges; supported and carried.

Our annual show will be at Blandford Nature Center on Apr. 25 thru May 9. Since she has another event for May 7 we will remove our displays on May 6.

Rich Van Beek will contact Karl Bruder to see if several members can inspect his facilities to see what would be required of the club if we accept his plan.

Moved by Ted Duprey that another member be approved to sign check while he is out of town; supported by Herm Prins and carried. Arlene King will be able to sign checks.

- Arlene King  
Secretary

A MODERN AMERICAN has been described as a person who drives a bank-financed car over a bond-financed highway on credit card gas to open a charge account at the department store so he can fill his savings and loan financed home with installment purchased furniture.

-via Rock Ledge, Breccia (10/86)

## TREASURER'S REPORT (Dec. 17, 1986)

Income	
Memberships	12.00
Raffle	20.00
	<u>32.00</u>

Expense:	
Museum rent	15.00
Museum locker rent	24.00
President's gift	15.00
Speaker fee (K. Bruder)	25.00
	<u>79.00</u>

Checking Account, Nov. 15	
Balance	222.62
Income	+ 32.00
	<u>254.62</u>
Expense	- 79.00
Checking account balance	\$ 175.62

Savings Account	709.43
Income: Coffee	7.80
Interest	9.71
	<u>17.51</u>
	726.94

Scholarship Savings	195.82
Interest (C.D.)	5.67
Interest	<u>2.61</u>

Scholarship Savings	198.10
Certificate of Deposit	800.00
Total All Accounts	<u>\$1,900.66</u>
- Ted Duprey, Treasurer	

IF YOU ARE INTERESTED IN SCRIMSHAW  
- OR IN IVORY....

We have information on two new books by Harvey Shell: "Is It Ivory?" and "Scrimshaw & Ivory Working Techniques." The first costs \$4.95 plus \$1 p & h. The second costs only \$2.50, plus \$1.00 p & h. We will bring the information to our next meeting for those who are interested. The author is a well-known collector, restorationist and lecturer, as well as a former ivory consultant to Harrod's of London. He has studied ivory for over twenty years.

Orders go to AHIO PUBLISHING COMPANY  
4313 West 43rd Street  
Tulsa, OK 74107

For transporting material from one part of the country to another, rockhounds are almost as good as glaciers.

via The Palomar Gem



The beryl family of precious stones consists of...

EMERALD. This is a bright green variety of beryl. It is not very durable, as it has many flaws in it, which cause it to be less clear than the other varieties of beryl. It is found mostly in South America, although there were many ancient sources of the stone in Europe and Asia.

AQUAMARINE. This stone is blue beryl. It was well known in ancient times, but it was so rare that it was not used extensively until Roman times. The blue of the aquamarine is considered one of the masterpieces of nature. This is a stone of unusual clarity and durability.

MORGANITE. This is a pink or orange variety of beryl. As with aquamarine, all beryls, except emeralds have great durability and great clarity. Morganite was known in ancient times, but it was always called something else, as they were not aware it was a beryl.

GOLDEN BERYL. This stone was known long before 1220 AD when it was mentioned for the first time. It is a beautiful yellow to yellow green variety that is very popular as jewellery.

Beryl has been found in many colors other than the ones described, but they have not been given specialized names. They are found in lilac, salmon, orange, red, sea green and colorless. The most common variety is the orange color, and this is sometimes heated to produce the more popular pink colors and sold as pure morganite.

Beryl is a very clear and durable stone. Except for emeralds that usually have fractures, it is the second most popular family of stones we have.

-La Rae Bringhurst  
via Calgary Lap. Journal 5/86  
and Mt. Clemens Crystal Gazer  
11/86

"Chrysos" from the Greek. alludes to golden tones or color found in chrysocola, chrysolberyl, chrysolite, and chrysotile.

CHRYSOBERYL gives us alexandrite, cat's eye, and golden chrysoberyl. With hardness of 8.5 it is next in hardness only to corundum and diamond.

CHRYSOLITE is peridot, the gem variety of olivine. At its finest, peridot has a rich bottle-green color different from any other gem. Yellow-green and olive-green stones also occur. Another distinction for this is that it has been found in meteorites, of a size and quality suitable for cutting. In Arizona and New Mexico large rounded pebbles are found around the ant hills along the pyrope garnets "mined" by ants in clearing tunnels and runways.

CHRYSOCOLLA blue to bluish green, is found in the upper zones of copper deposits. It is usually translucent or opaque, and rarely if ever transparent. This cryptocrystalline stone is also found mainly in Arizona and New Mexico.

CHRYSOPRASE is a quartz family member distinguished by its apple green color, a chalcedony colored by nickel oxide. Once little known, discoveries in Oregon and California helped restore its popularity.

CHRYSOTILE, a rock and not a gemstone, is the fibrous silky variety of serpentine, better known as asbestos, and is important commercially.

ALEXANDRITE The first known discovery was in the Ural Mountains in Russia on April 29, 1830. The Czar Nicholar I was on the thron. His son, Alexander, came of age on that day and the newly discovered mineral was named alexandrite in the son's honor. "An emerald by day, an amethyst by night," this stone changes color according to the kind of light in which it is viewed.



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Cut used commemorative, foreign,  
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Bring them to our meetings.  
(no Christmas or common stamps)

Your generous contribution  
for refreshments during our  
coffee hour at meetings aids  
your club's contribution  
to the AFMS Scholarship Fund.

Grand Rapids Mineral Society  
Robert E. Beauvais  
3308 Wilson SW  
Grandville, MI 49418

#### FIRST CLASS

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