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Publishers	Mr. James VanVuren	3281 S. Division, Grandville	538-0826
	Mr. & Mrs. Robert Beauvais	3308 Wilson SW, Grandville	534-3871

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The Grand Rapids Mineral Society is a Non-Profit Corporation affiliated with the Midwest Federation and the American Federation of Mineral Societies.

Meetings are held the second Wednesday of each month at 7:45 p.m. in the Multi-Purpose Room, East Building, Grand Rapids Public Museum. Summer meetings are at various parks as announced.

Membership dues are \$5. per year for a family, \$3. per year for a single adult, and \$1. per year for students under 18 years of age. Dues are payable to the treasurer. The year is from September 1 through August 31 of the following year.

Advertising in the GLACIAL DRIFTER is limited to a uniform size of one-third page at the rate of \$3. per issue, September through May only.

All material for publication shall be in the hands of the EDITOR no later than the Wednesday after the regular monthly BOARD OF CONTROL meeting which is the third week of the month.

Permission to reprint articles appearing in the GLACIAL DRIFTER is hereby granted, provided proper credit is given.

Member - National Bulletin Editors Association.

EXCHANGE EDITORS - PLEASE NOTE: Address all exchange bulletins to:

Mr. Gordon Williams, Editor
2038 Parade NW
Grand Rapids, Mich. 49505

THE GLACIAL DRIFTER

SEPTEMBER 1970

VOLUME 13

NO. 1

SEPTEMBER MEETING

PLACE - East Building, Grand Rapids Public Museum

TIME - September 9 - 7:30p.m.

PROGRAM - "Geology of the Lake Superior Region"
-Dr. Richard Rose

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FROM THE PRESIDENT'S ROCK ROOM

We are hoping to start the season off this year right from the first meeting, and then carry the momentum thru the whole year. Our September meeting is early this year, so don't forget Wednesday, Sept. 9. Dr. Richard Rose will bring an illustrated talk on "The Geology of The Lake Superior Region."

Rich VanBeek has been appointed Field Trip Chairman for the coming year, and is already hard at work planning them. He will no doubt be asking your preferences, so be thinking about your favorite spots. Some will be short trips, and some will be longer so that they can still be driven in one day but will be better for week end camping rock hunters.

This winter we are going to have something new--basement field trips. Many of our members have fine collections that very few others have seen, so we are looking forward to seeing them during the winter months. We have heard a rumor that this does more for the basements of the community than any other program yet devised.

A good crowd was present at the joint rock swap at Allendale. There were some fine exhibits and everyone had fun exchanging specimens. Those who didn't stay for the pot luck missed a good meal. Our thanks to all the committees and contributors who made it a success.

One visitor at one of our meetings was heard to remark, "Rock club?? I don't see any rocks!" So starting with the October meeting, everyone must be wearing or carrying a rock, jewelry, etc. in order to get in to the meeting. This was a suggestion at the Board meeting. Just kidding, of course!

We are pleased to announce that we have reached President Jim's goal of becoming a 100% club in the Midwest Scholarship Fund. We have not had word yet of just how far over the top we reached. Thanks to all the Betty Crocker coupon

THE PRESIDENT'S ROCK ROOM (continued)

clippers, coffee drinkers, and cookie eaters. Keep up the good work this year.

It is not too soon to start sorting out materials for the November Silent Auction. Last year we slid down a bit on supporting our club. This is our main means of financing the club so let's dig out some goodies in the next two months. If there is support for the plan we will have a "connoisseur's table" for higher priced items. This will assure the donors that their finer specimens will not go at bargain prices.

The September Board of Control meeting will be held at the Ferguson's at 2748 Pohens N.W. This is the first house south of Three Mile Rd., two blocks west of Alpine. Three Mile is just south of the Alpine I-96 interchange.

Remember the Holland Club, the Tulip City Rock Club, is holding their first show on Friday and Saturday, September 11 and 12. Also the Wonderland Rock Swap at Pioneer Park, Muskegon County on September 18-20 put on by the Muskegon County Rock & Mineral Society. Let's support our neighboring clubs as often as possible.

The treasurer reminds us that September is dues month and she will be on hand to receive yours.

Sandy Feole has consented to be our Door Prize and Raffle Chairman again this year. So, while you are sorting out material for the November auction be sure to bring some for the door prizes. Remember if you want to win nice prizes that you will have to bring some in again this fall.

A money-saving tip from Bob Beauvais---use aluminum ground wire to make your own slab and geode display racks. This is the wire used on TV antennas. It bends easily and is economical.

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FROM THE EDITOR'S ROCK ROOM

It's empty!

(Publisher's note) At the time of printing, Gordon Williams is confined to his home with illness. Hope you're feeling better when you receive this, Gordon. Our thanks to Dorothy Williams for organizing the material in time for publication.

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HOW TO BECOME A ROCKHOUND.

Fill two pockets with marbles and whenever you pick up a rock, throw away one marble. When you have lost all your marbles, you have become a rockhound.

from "The Exchangite" via "The Petoskey Stone"

BOARD OF CONTROL MEETING

On August 17 the new Board of Control meet with the 1969-70 Board at the home of Mr. & Mrs. Jim DeZwaan. Present were the Robert Beauvais'; Dr. Robert Smith; Mr. & Mrs. Arnold Wendt, Sr.; the Van Vuren's; Duprey's; Roger King's; Mrs. Robert Smith, secretary; Mrs. Lucille Pearl; president-elect Art Ferguson and his wife, Dorothy, our treasurer. Host and hostess, the DeZwaan's, (Jim was our 1969-70 president) and Drifter editor, Gordon Williams, completed the roster of those present.

The treasurer's report was read and approved. Our new balance is \$468.11. (Auction and sale of chances were down. Please note!)

President Jim (1969-70) commented on the visitor exchange program. Rather than having officers only representing the club, he suggested that a wider representation would be more effective. He recommended that exchange members be selected from the club at large.

The host and hostess plan for visitors was discussed and the boards felt that the plan seems to work well.

The decision was made to update and re-do the Club Directory this year.

President-elect Art Ferguson outlined the plans he has considered for the coming year.

The National Science Teachers' Association Regional Meeting will be at the Civic Auditorium October 9, 10, 11. We may be asked to set up an exhibit (science-oriented).

Again it was suggested that we remind you that the editor is keeping up travel (rock hunting locations) scrap books. If you want to see them to find places to visit or hunt, do ask for them. Call Gordon Williams evenings or week-ends, or ask for them at meetings.

Mrs. DeZwaan served delightful refreshments at the close of the meeting.

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FIELD TRIP TO BELLEVUE SEPTEMBER 12

We will have a field trip to the quarry near Bellevue on Saturday, September 12. It is suggested that you arrive around noon, although you can come earlier or later if other commitments make this necessary. Marcasite and calcite crystals are to be found here as well as a few fossils.

Suggested route: follow M37 past Hastings to M79 and M79 to Nashville. Take M66 south about 10 miles to Assyria, turn east on the black top county road. After 4 or 5 miles the road turns and goes straight south. After passing an old-fashioned brick house on the right side you will find the quarry, also on the right.

---Rich VanBeek, Field Trip Chairman

ANNUAL TREASURER'S REPORT

August 17, 1970

Receipts:

Memberships	356.00	
Ads in Glacial Drifter	33.00	
Silent Auction	154.55	
Sale of chances	37.25	
Sale of emblems	3.00	
Sale of name tags	9.25	
Rock sales	21.41	
Coffee & Midwest Scholarship	57.28	
Sale of food and centerpieces	11.25	
Interest on savings	6.36	
Total Receipts		689.35
Balance forwarded Sept. 1, 1969		544.90
Grand total		\$1,234.25

Disbursements:

Glacial Drifter expense	266.61	
Rent and attendant	131.50	
Annual show	33.36	
Midwest Federation dues	20.00	
Program expense	80.26	
Michigan State Corporation fee	10.00	
Conservation School	54.90	
Treasurer's bond	10.00	
Insurance	34.00	
Midwest Scholarship	62.28	
Miscellaneous	56.25	
Name tags	6.95	
Total Disbursements		766.11
Balance on hand, August 17, 1970		\$ 468.14

Respectfully submitted,
Dorothy A. Ferguson
Treasurer

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VACATION REPORTS

We took our vacation trip early this year (right after school let out), journeying to Texoma, Texas, to look for ammonites. We were fortunate to have gone early as we found the lake already eight feet deeper than it had been in March and any later would have made searching impossible. As it was we used a boat or waded to obtain our treasures. Ask us about our ammonites - two feet across! We reached home in time to welcome our first grandson and the first great-grand child on both sides of the family on August 11. Richard Deymen, as he is named, will be the youngest member of our club when he joins with his parents in September.

-Mr. & Mrs. Arnold Wendt, Jr.

- PLACES TO GO -

- Sept 11-12 - "Riches of The Earth" Gem & Mineral Show, by the Tulip City Rock Club at the Holland Civic Center, Holland, Mich. Dealers, exhibits, swapping, food in building, free parking, camping for self-contained vehicles. Donation 25¢, under 5, free.
- Sept. 11-13 - Blackhawk Rock Club Show, Oregon, Illinois
- Sept. 12-13 - Black Hawk Rock Swap, Rock Island, Illinois
- Sept. 12-13 - Racine-Kenosha-Waukegan Tri-County Rock Swap, Kenosha Country Fair Grounds, Wilmot, Wis. Swapping, silent auction, tailgating permitted, free camping. Sponsored by the Kenosha Gem & Mineral Society, Lake County Gem & Mineral Society and Racine Geological Society
- Sept. 18-20 - Water Wonderland Rock Swap by the Muskegon County Rock and Mineral Association at Pioneer Park, North Muskegon. Open air swap area (inside lodge in case of rain). Snack bar & concession stand, club booth, cracker barrel session on Sat. 8p.m., Bulletin editors' meeting on Sun. 11:30a.m. Swap area open 5 to 8 Friday, 9 to 8 Saturday, 9 to 3 Sunday.
- Sept. 19-20 - Bloomington Mineral Club Show, Southdale Shopping Center, Bloomington, Minn.
- Sept. 26-27 - Austin Rock & Mineral Show, Austin, Minn.
- Sept. 26-27 - Southern Illinois Earth Science Club Show, Carterville, Ill.
- Sept. 26-27 - Rock & Gem Show by the Michiana Rock and Gem Club at Christ the King School, US 31 North & Darden Rd., South Bend, Ind. Door prizes; free parking; displays; dealers; supplies; films & slides; demonstrations. Donation: adults 35¢ children 15¢
- Oct. 2-3 - Gem & Mineral Show by the Flint Rock & Gem Club at Bella Vista Mall, Grand Blanc, Mich. Hours: Oct. 2-3 10 to 10; Oct. 4 10 to 6. Competitive and non-competitive exhibits, dealers, continuous lapidary demonstrations, absolutely no tailgating on the premises, door prizes every hour, silent auction of minerals twice daily. Donation: adults 50¢ children under 12 with parent free
- Oct. 3-4 All Illinois Rockhound Roundup, Mount Sterling, Ill.
- Oct. 3-4 Annual Show of the Miami Valley Mineral and Gem Club, Lions Club Building, Rona Hills, Fairborn, Ohio. Demonstrations, specimens, gems, jewelry, rough stones, equipment, fluorescents, dealers, food counter, swap. Sat. 9 to 9; Sunday 10-6, free admission

A COMMITTEE REPORT.

We had never been to a rock swap, but we were willing to learn, and learn we did, by being co-chairmen! First, we met our co-chairmen from the Indian Mounds Club, Ken and Betty Jones. We couldn't have had better partners---they were ahead in the planning all the way and much of the success of the joint rock swap must go to them.

Then, in recruiting help for the swap we got better acquainted with some of our other members of our own club. (Want to get better-acquainted? Accept a job - it never fails.) And in calling a joint meeting of all the chairmen from both clubs we made more friends.

Now it's all over and we want to thank those who helped us so willingly: Dora Hurd, who did such a fine job in the kitchen, and her husband, Ford; Reg Vos, in charge of swap tables, and his wife, June, and daughter, Linda; Karl DeBack, display, and the Dupreys who filled in when Karl couldn't be present; the Clyde Littlefields who were in charge of clean-up. And we're grateful to our members who helped in the kitchen and other areas all through the day and evening; to those who attended and provided the abundant pot luck supper; and to those who cheerfully donated the door prizes.

We thought the displays were great and glad that Bob finally made his debut with an exhibit.

It was fun and we enjoyed it ---

Bob and Ruth Beauvais

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AND WE GET LETTERS.

Dear Ruth and Bob:

I would like to thank the Grand Rapids Mineral Society for working with us in making the August Rock Swap a success. Its success is a tribute to the cooperation and efforts of the members of the Indian Mounds and Grand Rapids Clubs.

A special thanks to the excellent committee members headed by Mr. & Mrs. Ken Jones of our club, and Mr. & Mrs. Bob Beauvais of the Grand Rapids Club.

Sincerely,

Len Jurries, President
Indian Mounds Rock & Mineral Club

GEM & MINERAL

SHOW



FLINT ROCK & GEM CLUB

In Cooperation with the Mott Adult Education Program of the Flint Board of Education

Bella Vista Mall

GRAND BLANC, MICHIGAN

OCT. 2 - 3

10 A. M. to 10 P. M.

OCT. 4

10 A. M. to 6 P. M.

ROCKS - GEMS - JEWELRY - CRYSTALS - FOSSILS - FLUORESCENT MINERALS

- Competitive and Non - Competitive Exhibits
- Outstanding Special Exhibits
- Dealers From Seven States
- Continuous Working Lapidary Demonstrations
- Absolutely No Tailgating On The Premises
- Come and Go Cases

DOOR PRIZES EVERY HOUR - SILENT AUCTION OF MINERALS TWICE DAILY

DONATION: ADULTS 50c STUDENTS 25c

CHILDREN UNDER 12 WITH PARENT - FREE

ABOUT THE CRYSTAL

(The following article appears in the July-August 1970 issue of "Rocks and Minerals" and credit is given to "The Glacial Drifter". We don't know whether it is our "Glacial Drifter" or not, but we don't remember this story and since we found it interesting we are reprinting it here.)

A crystal is one of the strangest objects in nature. It is not alive, yet it grows! It attracts the same kind of materials of which it is composed. Arranges them with great accuracy in geometrical forms, cements the parts together and holds them.

Place a crystal in a liquid or a vapor composed of the same ingredients as the crystal and the process of accumulation immediately begins. If a crystal is broken in two parts, and the separate parts placed in a bath of liquified crystals the broken surfaces will be repaired, and each part will grow into another crystal providing other conditions favorable for growth are present.

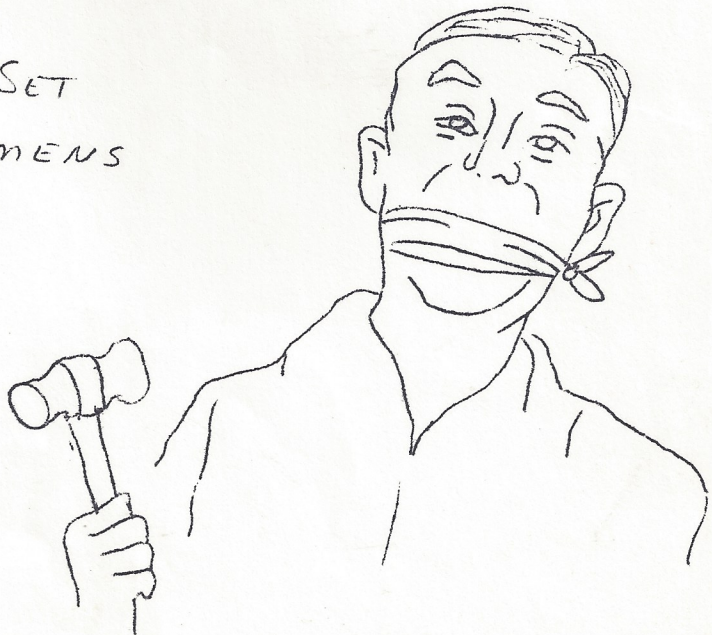
Even after a crystal has become worn, until it is but a rounded grain of sand, it will speedily become a crystal again if placed in a solution containing the same ingredients of which it is composed.

There is no known limit to the ability of a crystal thus to repair itself and resume its growth.

Under a microscope, a crystalline solution can be seen forming into crystals and it is a wonderful sight. First, innumerable dark spots form in the fluid, they stand still and then they begin to move. It is soon seen that the movement arranges the spots in straight lines, like beads. The beads quickly coalesce into rods, and the rods arrange themselves into layers until a crystal is created.

The process proceeds so rapidly that it is almost impossible to follow it closely, but it is not growth--it is accumulation. It is movement in the sense that particles of iron fly to a magnet. It is movement of the orderly and precise kind. As architecture it is Superb.

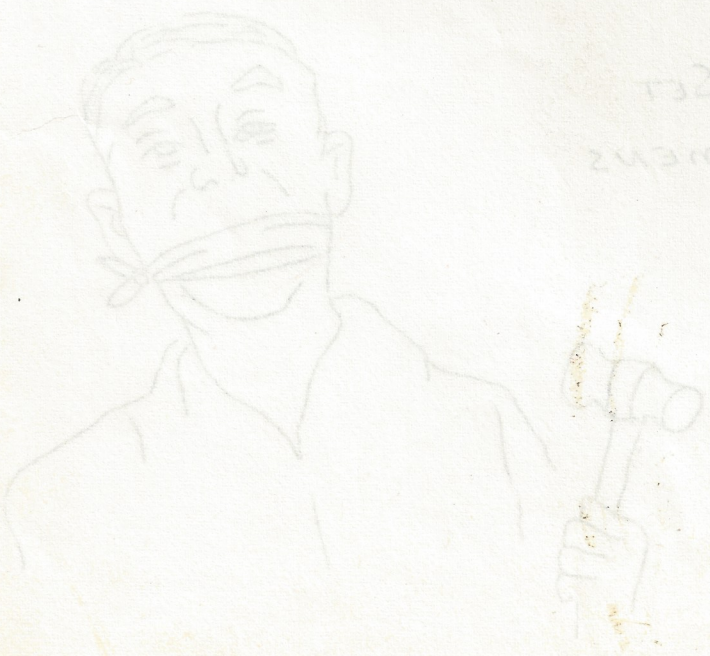
START NOW TO SET
ASIDE YOUR SPECIMENS
FOR THE SILENT
AUCTION!



Mr. & Mrs. Robert E. Beauvais
3308 S. Wilson
Grandville, Mich. 49418

GRANDVILLE, MICH.

Mrs. Reed Waterman
1317 Ballard St. S.E.
Grand Rapids, Mich. 49507



START: Now to SET
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