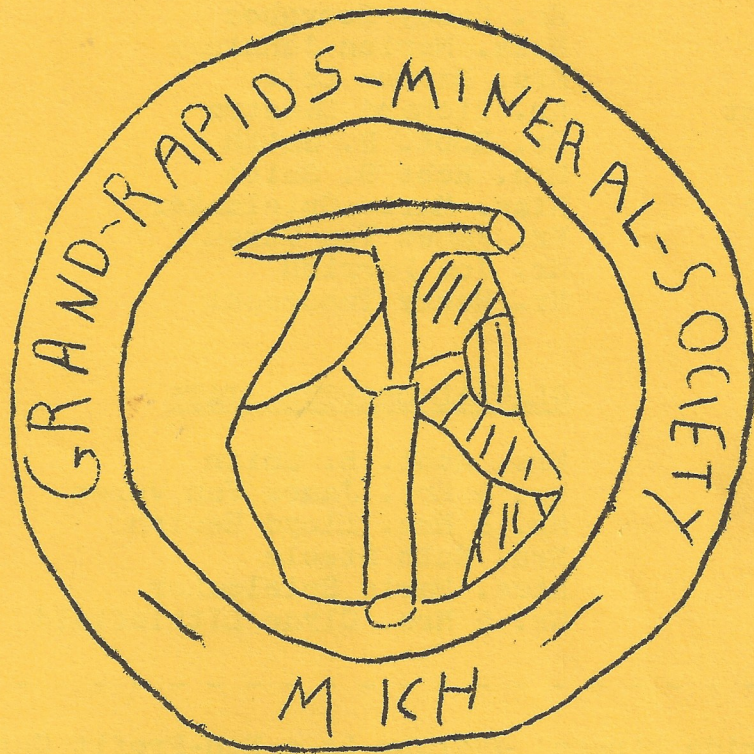


Volume 9, no 8 ~ APRIL 1967



the
GLACIAL
DRIFTER

BOARD OF CONTROL

President	Mrs. Nellie Mead	GL 92016
Vice-President	Mr. Don Crabbs	4523586
Secretary	Mr. Casey Doornbos	9495069
Treasurer	Miss. Marion Jennings	4534772
Historian	Mrs. Davena Lett	CH 36588
Past President	Mr. Richard Damstra	4542217
Liaison Rep.	Dr. Robt. B. Smith	9494093
Editor	Mrs. Robt B. Smith	9494093
Board Members	Miss. Marie Spielmaker	5385125
	Mr. James Van Vuren	5380826
	Mr. Joe Parrish	LE 29135
	Mr. Henry Tchozeski	EM 11405

GLACIAL DRIFTER STAFF

Editor	Mrs. Robt. B. Smith
Publishers	Mr. & Mrs. James Van Vuren
	Mr. & Mrs. Lloyd Heaton
	Mrs. Ruth Steele
	Miss. Marie Spielmaker
	Mr. & Mrs. Clyde Littlefield

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 8:00 PM at the Grand Rapids Public Museum, Main Building. Summer meetings at various parks as announced.

Membership dues are \$3.00 per year for a family, \$2.00 for single adult, and \$1.00 for students under 18 years of age. Dues are payable to Treasurer-year is from September 1, through August 31 of the following year.

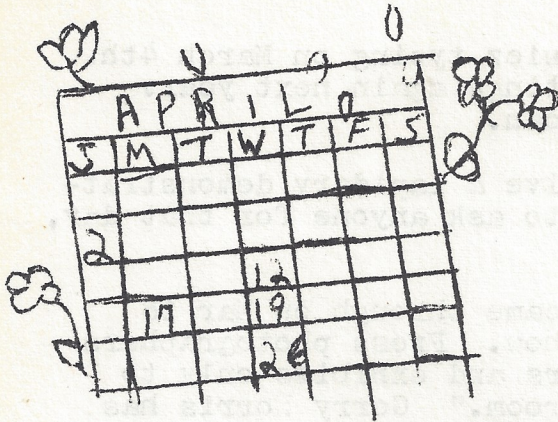
Advertising in the GLACIAL DRIFTER is at the rate of \$3.00 per issue, September through May only.

All material for publication shall be in the hands of the EDITOR no later than the 25th of the month preceding the publication, unless an earlier closing date is announced.

Permission to reprint articles appearing in the GLACIAL DRIFTER IS HEREBY GRANTED, PROVIDING PROPER CREDIT IS GIVEN.

Member--National Bulletin Editors Association.

APRIL ACTIVITIES FOR YOU



Sunday, April 2, 5 p.m. G. R. Public Museum, Remove all show displays; enjoy coffee and cookies with the gang.

- Wed. Apr. 12, Regular Meeting, 8 p.m. G. R. Museum, "Samoan Adventure"
- Mon. Apr. 17, Board of Control 8 p.m. Joe Parish, 2212 Thornwood SW
- Wed. Apr. 19, Lapidary Group, 8 p.m. H. Tchozeski, 2941 Edgewood NE
- Wed. Apr. 26, Mineralogy Group, 8 p.m. Fay Reed, 425 Lafayette NE

AS PROMISED last month--our our April program will be a treat provided by our own members, the Ken Simons, who will share with us their 3-week Christmas trip to British Samoa. Next best thing to going, is to hear about this! See you there.

At the March meeting we did enjoy seeing slides of GRMS friends and exhibits of our previous shows. Bob Rozema, as our official photographer, has done a fine job of recording our achievements.

Plans are under way for some interesting field trips. Work at the March Election prevented my going to the gypsum mines which I understand was a big success. My thanks to Marie Spielmaker.

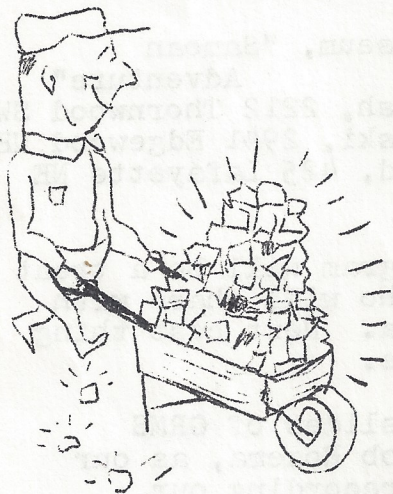
Our Club owes a vote of appreciation to the Archeological Society for the fine front window at the museum with its Indian artifacts, and to Mr. Andersen and his Muskegon Mineral Club members who are responsible for the case containing the beautiful copper and agate collections. Both Clubs should be very proud of their exhibits.

My sincere thanks to all the chairmen, exhibitors, demonstrators, speakers, hosts and hostesses on down to the cookie-bringers. Also for the wonderful cooperation of the Museum staff with their help on posters, painting, exhibits and for digging up extra cases from the warehouse down by the river. The 1300-plus visitors coming in every Sunday make it worth while.

It was so nice having Jane Cichaniewicz typing on March 4th. Jane hopes to be able to come to the meetings again next year. We'll keep our fingers crossed that she can.

Ernest Gifford has volunteered to give a lapidary demonstration on Easter Sunday. We had hesitated to ask anyone for that day, so really do appreciate his offer.

Our publicity in the G.R. Press finally came through on Mar 18 with a fine article and picture on our show. Press photographers have taken several pictures of our members and exhibits only to have them rejected with the comment "No room." Gerry Morris has worked long and hard on one of our toughest problems. Posters, radio and the small papers seem to be our only hope, any ideas, anyone?



Nellie L. Mead

DON'T KNOCK THOSE ROCKS IN YOUR HEAD"--
IT'S A BIG HOBBY ** BIG BUSINESS!

According to a recent newsletter of the American Federation of Mineralogical Societies, members of Federated clubs, on record, number over 50,000 in the U.S. Those engaged in the hobby but not

affiliated with clubs are known to number about 250,000, and those with interest in some aspect of the hobby may number up to one million. Federated clubs sponsored 694 Gem and Mineral shows during the years 1964 and 1965. These shows were attended by 3,600,000 persons. Over 56,600 individual cases were displayed.

A Merchandise Survey of Dealers, conducted by the responsible GEMS & MINERALS Magazine, indicated that gross sales by lapidary dealers in 1965 reached \$108,000,000, and increase from \$94,000,000 in 1964.

A further survey, taken by the committee, of the 225 clubs of the California Federation, projected a \$50,000 capital investment, which included vehicles, camping gear, lapidary, optical and chemical equipment amongst these clubs alone. An Additional \$9,000,000 annually was shown to be generated through the expense of maintaining this equipment and the purchase of gasoline, tires, The maintenance of the vehicles and expense of motels, restaurants, etc. in the actual exercise of this recreational activity.

When it is considered that this is a factual expenditure of the California Federation, and that there are five other Federations, it can be seen that the hobby contributes a great deal to the national recreation scene, but provides a sizable flow into the national economy as well. This does not take into account the many collectors who are not affiliated with clubs. These statistics and others are now being tabulated by accepted data processing technics, and will be used to help formulate recommendations for the Bureau of Land Management, and national and state plans for the recreational use of public lands.

ANOTHER AFMS CAMPAIGN--"Help Eliminate Litter"--points out that not only are broken bottles, tin cans and other scrap dangerous and unsightly, but they can, in our field, be confusing as well. If a rockhound thoughtlessly discards rocks from one area in another area, the finder of his discards might wrongly conclude that the mineral or fossil in the rock is part of the geology of the area.

SPEAKING OF FEDERATION NEWS--your board of control has voted to subscribe for the next few months to the Midwest Federation's monthly summary news sheet. Let us know how you like it-- it will first be included with your May "Drifter".

NOMINATING COMMITTEE REPORTS: Nominating Committee Chairman Dick Damstra reports that the following slate of officers has so far been assembled for next year. Still to be secured is a candidate for vice-president, who serves as chairman for programs. Voting will be at the May potluck dinner. Mr. Damstra points out that nominations may be made from the floor, and that competition for officers in the club is to be encouraged; however, the consent of any nominee must be obtained before his or her name is proposed. Nominated for office for 1967-68 will be: President, Don Crabbs; Vice-President, open; Secretary, Gordon Williams; Treasurer, Marion Jennings, Bob Teunis; Liaison, Dr. Robert B. Smith; Editor, Elaine M. Smith; Historian, Davena Lett; Board of Control, Jim Van Vuren, Ruth Steele, Max Ross, Harriet Ross.

JUNIORS PLAN MSU TRIP

The Les Pearl Junior Rockhounds--which is the official name of our active Junior group--are planning a field trip to Michigan State University on Saturday, Apr. 8, leaving the G.R. Museum at 8:30, and traveling by private car. Our old friend, Dr. Stonehouse, will conduct them through the Museum on the campus, a tour which is bound to be an outstanding experience for them.

CARVING TO BE DEMONSTRATED

BY POPULAR DEMAND--The LAPIDARY GROUP will remain active in the club. "Even if there were only three or four of us," ran the consensus, "they'd be really interested, and can accomplish a lot through mutual encouragement and exchange of information." Actually, there are more than 3 or 4 members of this group, and the next meeting will probably attract extras besides. Henry and Betty Tchozeski have volunteered to entertain the group, with Henry building the program around one of his favorite subjects, rock carving. He has promised to have a slab ready (perhaps his favorite jade) and will show us just how he has been cutting out and shaping these charming lizards, fish, and other creatures featured in his museum display. He suggests that if you have safety glasses, bring them, as he has only a few spare pairs--and he feels safer if anyone leaning over to watch his sawing demonstration is wearing proper eye protection. Henry suggested an interesting distinction...Carvings are fuplicates (the first piece is a sculpture, never duplicated). Anyone interested is invited to the meeting April 19.



LUNAR ROCKHOUNDS:

Government geologists are teaching our spacemen how to be expert rockhounds. Astronauts now in training for future moon shots are attending classes in gology so that they may recognize formations on the moon's surface and bring back rock samples that will give scientists important information to help determine the origin of the moon and its relation to the formation of the earth. Astronauts have been taken on field trips to locations such as the Grand Canyon and Big Bend National Park. It's a safe bet that, like our terrestrial rockhounds, our spacemen will carry geologist's picks and hand lenses as standard equipment.

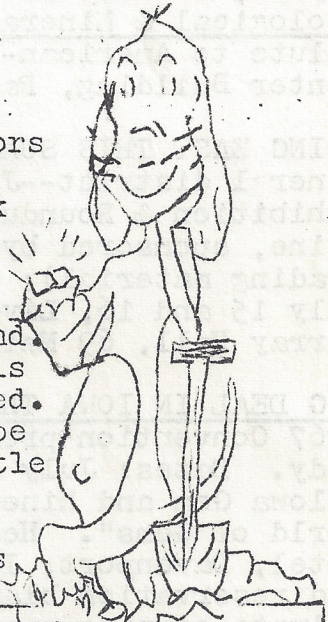
DID YOU KNOW that there is a rock which swells when wet and can absorb several times its weight of water? It is Bentonite, an altered volcanic ash and now a sedimentary rock.

Even back in the Stone Age, when when women put down their ages, they were probably chiseling.

ROCKHOUND PARKS

A New Trend--and a welcome one for all of us--is the establishment of "rockhound parks". Iowa's first rockhound park was opened in 1966 near Knoxville, and efforts are continuing to convert the many abandoned strip coal mine areas to recreational use, with the rockhound in mind. This 800 acre tract is popularly known as the Pershing Mine of Knoxville. A road has been graded through the area and is part of the Hiawatha Pioneer Trail. A primitive camping area is available; however modern camping facilities are available about 30 miles east at Lake Keomah State park just off State Route 92. Specimens to be found here include fossils, petrified wood, calcite crystals and marcasite.

Rockhound State Park, southeast of Deming, New Mexico, may be one in the nation where visitors are encouraged to carry away samples. Since its opening in June, rockhounds have visited the park at the rate of about 300 a week. Finds include moss brown to clear agate, red and brown jasper, blue and white opal, quartz, obsidian, amethyst and calcite. Quartz crystal geodes are also found. New Mexico Park and Recreation Commission officials believe the gemstone supply is virtually unlimited. As surface rocks are taken, bulldozers will scrape away topsoil to uncover more specimens. The Little Florida Mountains, partly in the park, are noted for gemstones in the bedrock. If necessary, park caretakers will speed the weathering process with a few sticks of dynamite. The park is a bare and rocky area of 240 acres. Anyone is free to take specimens so long as they take a reasonable amount--which has been defined as 5 to 10 lbs. The selection is so good that some rockhounds travel hundreds of miles to collect there. The park has 25 camping-picnic units, running water, toilets and playground equipment. Rockhounds can get information and advice at a nearby owned rockshop and museum, and a park custodian is on duty every day.



Isn't he cute?--symbol of "The Puddin' Stone," of the Clare Rock & Mineral Club.

And--if you're heading for that part of the country, you might like to write for the free, colorful booklet, "Rockhound Primer of Arizona"--write the Arizona Development Board, 1500 W. Jefferson St. Phoenix, Arizona 85007.

GOING SOMEWHERE! -- (You might manage to catch one of these)

Sat., Apr. 8 noon - 9 p.m.: Sun. 12:30-6:30--Chicago Rocks and Minerals Society 3rd. Gem and Mineral Show; Billy Caldwell American Legion Hall, 6038 N. Cicero Ave., Chicago.

Apr. 15, 10 a.m., Apr. 16, 10 a.m.-5 p.m., Cedar Valley Rocks & Minerals Society. Gem & Mineral show at Armar Ballroom, between Cedar Rapids and Marion, Iowa.

May 19, 5 p.m.-10 p.m., May 20, 10 a.m.-10p.m.: May 21, 10 a.m.,-6 p.m., Mich. Gem & Mineral Society of Jackson, 5th Annual Gem & Mineral Show, at YMCA, 127 W. Wesley St., Jackson, Mich. Displays and exhibits invited. (Editor has entry blanks in Drifter)

May 20, 10 a.m.-10 p.m., May 21, 10 a.m.-6 p.m., Kalamazoo Geological & Mineral Society Gem & Mineral Pow Wow, "A Colorful Salute to American-Indian Art & Culture", at Kalamazoo County Center Building, Fairgrounds.

GOING EAST THIS SUMMER? Two shows in the heart of Maine's mineral district--July 8 and 9. Western Maine Gem & Mineral Exhibition & Roundup at the New Schoolhouse, Rumford Center, Maine, sponsored by Oxford Co. Mineral & Gem Assoc. (bring trading material);

July 15 and 16, Livermore Falls Gem & Mineral Assoc. Show, Murray Hall, 69 Main St., Livermore Falls, Maine.

BIG DEAL IN IOWA THIS YEAR! The Midwest Federation 1967 Convention promises to be a top show for everybody. Dates: July 27-28-29-30. The sponsoring Illowa Gem and Mineral Society announces it as "Our World of Gems". Headquarters will be at the Blackhawk Hotel, Davenport, Iowa, (Drifter Editor has brochure and reservation blanks if desired); there is also public and private camping space available as well as hotels, motels and trailer spaces. For information contact: Dealer chairman, Evelyn Lundquist, 1920 Fairmeadows Dr., Bettendorf, Iowa, 52722: Display Chairman, Robert Lundquist, same address: Advance Registration, Kathryn Kleft, 2803 Glenn, Bettendorf, Iowa, 52728: Show Chairman, Edward Kleft, same address. Dealers from all over the country will be present; special displays are being arranged that have never before been displayed; a unique swap area, in a shaded open-wall tent, is planned. More information later on the Federation meetings, speakers, etc., which are usually well worth attending.



KEEP GOING! The 1967 National Gem & Mineral Show is looking forward to hosting you in Washington, D.C., June 2 at the new Washington Hilton. This is the joint A.F.M.S.- Eastern Federation Show--which has been planned and worked on for over four years (since before the hotel was built). It's being called "Rockhound Haven in '67", and that's probable just what it will be! Further details later on what should be a fabulous show.

WORTH REMEMBERING! OUR 1967 MUSEUM SHOW

We can surely be proud of our Eighth Annual Museum show. Thousands of visitors have registered approving comments, the programs in the auditorium are playing to packed audiences, the demonstrations and the new agate slab projector have attracted a lot of interest, and many a special school bus-load is being brought in for this event.

The biggest attraction is, of course, the variety of displays which our members have so carefully prepared. From Dick Damstra's amazing quartzite boulder to the tiniest specimen, every case is worth more than casual study.

There is Don Crabbs' gem-like display of his Thompsonite "gems". The fine mineral specimens, carvings, and other objects shown by Harry Angell, the the Horace Merricks, specimens, Arnold Wendt Sr. and Jr.. (and Cub Scout Terry Wendt as well,) Robert Teunis specimens have been much appreciated by show visitors. The R. B. Smith's presentation of "The things you get" when you're known as a rockhound brought in some unusual objects--although "Aunt Marjorie's doorstep" seems to attract the most comment. The case of mineral specimens which have been donated to the museum is also of great interest.

The outstanding display of Michigan copper and agates loaned by the Muskegon Club adds much to the tone of our exhibits. Equally outstanding are the Rozema's fossils and petrified woods, and Jim DeZwaan's case of agatized coral geodes. Unusual and distinctive are the words for the Waldron's combination of stones and pinecones, and their charming miniature campsite.

The colorful and artistic blending of minerals and floral arrangements done by Harriet and Max Ross makes this case a real show-stopper; while Gerry and Dot Morris' skilled and imaginative creations in Petoskey stone are another highlight of the show. The Van Vuren family's interesting and well-thought-out presentation on the uses of minerals brings many a visitor to a long pause to study all the various objects shown. The club display featuring the club emblem made by the Lapidary group has also won notice.

Dorothy and Gordon Williams colorful "Ways to Enjoy and Use Rocks" is an inspiration for gift, holiday and display ideas, especially the little creche scene. Vi Warren's collected "Results of one year of fun, finding and learning" show that she's been busy indeed, and obviously enjoyed every minute of it. Henry Tchozeski's jade and other carvings, his "medals" and gemstones are helpfully combined with some of the outstanding books on these subjects. And the 13 exhibitors of silver pieces have really outdone themselves this year; these are creations to be proud of.

The outside window displays match the inside in quality and interest. The outstanding, beautifully arranged display the Indians' use of rocks and minerals presented by the Coffinberry Archeological Society, is not to be missed. It is nicely balanced by Nellie Mead's geological charts and diagrams, and the large rock specimens, in the other front window. Along the side, the Junior group's fine presentation of contour models and many other things they have been studying; the Rozema's showing of the kind of tools and machinery rockhounds want and use; and the Littlefields notable display of Michigan materials all attract the eye not only of those entering the museum, but of many a passing motorist besides.

The three education "land, sea and air" displays complete our memory tour of the 1967 Show--we hope no one has been missed. And we hope that many other members will be encouraged by the success of all these displays to think in terms of next year's show during every field trip and vacation trip this year--then your 1968 display will be a show-stopper, too!

RECIPE FOR PETRIFIED WOOD: It is best to use an oak tree. First you let the wood soak and become waterlogged, until it sinks to the bottom of the pot. Five centuries should do the trick. Next mix in shovelful of silica, manganese and add iron for coloring. Build a 2000 to 3000 feet layer of clay, sand or sediment. Let this settle for 3 or 4 hundred million years (don't hurry this). Now drain off the water and allow to dry. After the wind has blown away the 3,000 foot layer, you will be absolutely amazed to discover minerals have seeped into the tree and replaced the cells of wood with stone, colored like a rainbow.
--Water Rock News vis Mesabi Media

TIPS ON CARE OF GEMS: Everytime a jewel is worn, it should be wiped with tissue paper (not cleansing tissue, which leaves a fuzz) or a chamois before putting away, to remove the grease of finger marks, etc. Never put your jewelry in a pan of water and heat it to clean it--inner fractures are very likely to result. Keep turquoise away from any greasy substance, as grease changes the color as it is absorbed.

GETTING TO KNOW YOU: Marie Spielmaker must be taking her job as field trio chairman seriously--she's taking a little trio on Easter weekend to scout the Brown Co., Ind. area. We hope she brings her new geodes to the next meeting..... Marion Jennings and Esther Hall have travel plans, too, including a search for those Murfreesboro, Ark. diamonds....."Drifter" Editor Elaine Smith just recovered from her injured knee when she broke her left middle finger! It's no help in putting out news bulletins---so thanks to Emily Van Vuren for doing the stencils this time...We should be hearing more about the new Holland group, now named the "Tulip City Rock and Mineral Club". Their organization is proceeding rapidly, with nearly 100 enthusiastic people at their last month's meeting, and active plans being discussed. They're getting nice writeups in the Holland paper, too. So "Welcome" new club--we can't help thinking "Dutch Treat Diggers" might have been a great name!... If you watched the Youth Sympjony program on Channel 8 Mar. 19 you saw two of our younger members--Cellist Sherrill Smith and Obeist Joan Afton.... Erwin Tisdell won the quartz crystal donated by Potter's Pebble Palace at the March meeting. Other winners included Jerry Morris, who received the Oregon thunder egg given by F. Van Loon; Sandy Feole, winning the Canadian specimen given by Pete Boogaart; and Jim Van Vuren, winning of the onyx donated by William Iteen..... Add these to your membership directory--and a hearty "Welcome" to you all!

Howard C. Rose
530 Lakeside Dr. S.E. (6)

Mr. & Mrs. J. Paul Bateson
321 Cummings Ave. S.W.
GL 30059
(Gary, Charlene)

Mr. & Mrs. Louis Haas
8097 McCord S.E. 868-3031
(Marlene, Frederick, Janet)

Joseph H. Martin
People's Building
Grand Rapids

Mr. & Mrs. Glen Moerdyk
1238 Portland N.E. (5)
451-4862
(David, Phillip)

By the time you receive this Drifter Jay Baar will be home from the hospital after undergoing an operation. A speedy recovery to you, Jay Baar.

We also understand that Anne Gifford will be going into the Grand Rapids Osteopathic hospital the 25th of April to have an operation on the 27th. Our best wishes for a speedy recovery go out to her.

Gift of A Pebble

Carry my coin of Lake Superior mintage,
Gray disk of felsite, waveworn flat and round,
Product of shingle beach with a high percentage
Of coins that rub to sand before they're found.
Coin from a clybtry wgere rock ramparts stretch
From bay to next bay, broken by river mouth,
Where rollers have a hundred miles of fetch,
Wind high and equally out of the East and South.

Carry my coin - though even if you lost it
Someone would pick it up, it's that kind of stone,
And safer with you than when the storm had tossed it,
Careless as driftwood, common as fir tree cone,
But at your distance better than legal tender.
Value my coin, or else return to sender.

Look at Your Lake

A lake is for a long time,
But not forever.
Let a chip break from the rim,
It turns to river.
Or let aquatic plants take hold,
They strew their feet
With year and year of mounting mould
Till both ends meet.
A lake is for a period,
For present tense,
Then flattens into marshy sod
For pasture fence,
And miles the whitecaps marched across
Are farmland now.
Wild duck will count it for a loss,
Though gain to cow.
Look at your sunlit lake this morning,
Aquamarine.
It's planning even now for turning
Blue to green.

The above poems are from
"This Is Minnesota" by
Betty Bridgman, via Mesadi
Media.

WANTED: "Glacial Drifter" issue for December, 1963; also the July-August, 1965 news sheet -- to complete our club records. Call Historian Davena Lett, CH 3-6588.

FOR SALE: "Gemstones of North America" by John Sinkankas, practically new, \$10; also Fenton's "Our Amazing Earth" and many other books. Call Marion Jennings Evenings, 453-4772

SWAP: What do you have to swap for Oregon obsidian? Call Marie Spielmaker, 538-5125.

SWAP: Thundereggs from Sucker Creek, Oregon---I've got some to swap--what do you have? Call Casey Doornbos, 9495069.

T H E A G A T R E E

LAPIDARY SUPPLIES

&

MOUNTINGS

HIGHLAND PARK

&

COVINGTON DEALERS

Hours: Mon. Tues. Friday & Saturday 9 AM to 9 P.M.
Wed. & Thurs. 4 P.M. to 9 P.M.

ERNIE & ANNA GIFFORD

3703 Taft SW Wyoming, Michigan 49509
Phone LE 2-6727

4 Blocks west of Burlingame, 1 block south of 36th St.

A L E T A ' S R O C K S H O P

3022 Coit NE
Grand Rapids, Mich.

Phone 363-5394

Hours: Mon. to Sat. 10 to 6 and 7 to 9 Sunday 12 to 6

ROUGH & POLISHED GEM STONES

LAPIDARY SUPPLIES

TUMBLING & CUTTING MATERIAL

NATIONALLY KNOWN FOR CHOICE MATERIAL AT

REASONABLE PRICES

U L T R A G L O S S

COMMERCIAL GEM POLISH

Here is the answer to high priced polishing compound. Ultra gloss polish has been tested by many of the local rockhounds and the larger West Coast commercial gem polishing companies and has been found to be as good as or better than tin or cerium oxide polishing powders. It is purchased by many of these and other companies in ton lots, due to it's polishing ability.
\$1.10 per pound or 5 lbs. for \$5.00.

CUTTING MATERIALS MACHINERY FINDINGS ABRASIVES FACETING SUPPLIES

SILVERSMITHING TOOLS ONYX CARVINGS CASTING RESINS

BEAUTYCRAFT SALES CO. 2444 Porter Ave. Grand Rapids, Michigan

R O Z E M A ' S R O C K P I L E

776 Leonard NE (at Eastern)
Grand Rapids, Mich. 49503

Phone 454-1010

Hours: Mon. Wed. Sat. 9 to 5 Tues. Thurs. Friday 9 to 9

MINERAL SPECIMENS - CUTTING ROUGH & SLABS - TOP QUALITY OPAL

LAPIDARY - CARVING EQUIPMENT & SUPPLIES - AUTOMATIC LAPS

Books - Findings - Silver(sheet & wire) - Silversmithing tools

Silversmithing classes

Lapidary instructions

"GRAND RAPIDS' OLDEST COMPLETE ROCK SHOP"

The Grand Rapids Mineral Society
Mrs. R. B. Smith, Editor
1445 Breton Rd. SE
Grand Rapids, Michigan 49506