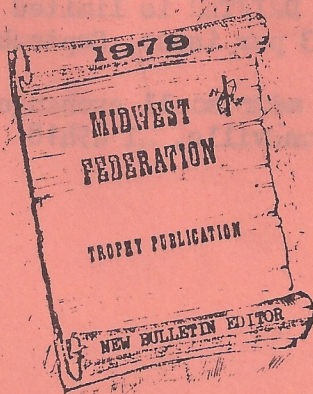


OCTOBER 1981



REB
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THE GRAND RAPIDS MINERAL SOCIETY

BOARD OF CONTROL

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Vice-President			
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Liaison	Bob Beauvais	see above	
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	Karl DeBack	531-3189	2930 Highgate St., Wyoming 49509
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	Bob Tuinstra	453-0383	8-304 Lake Michigan Dr. G.R. 49504
	Charles Jarmoloski	458-7517	815 Houseman NE, G.R. 49503
	1 year Lois Jarmoloski	"	"
Show Chairman	Lois Jarmoloski	"	"

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) in the Multi-purpose Room of the East Building of the Grand Rapids Public Museum. Summer meetings are at various parks or at members' homes.

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 memberships will be dropped from the roll in December.

All material for publication shall be in the hands of the editors no later than Monday after the regular monthly membership 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.

EXCHANGE EDITORS: Please address all exchange bulletins to R. & R. Beauvais, 3308 Wilson St., Grandville, MI 49418



OCTOBER

THE GLACIAL DRIFTER

VOLUME 24-NO. 2-1981

CLUB CALENDAR

Wed., Oct. 21 6:30 p.m. Anniversary Pot Luck Dinner in --
the East Building, with guests from other clubs.
Program by Mary Honton: "ALL ABOUT THOMSONITE."
Bring a hot dish plus salad or dessert and your
table service. Rolls and beverages provided.

Mon., Oct. 26 7:30 p.m. Board of Control meets at
the home of Bob and Ruth Beauvais

Wed., Nov. 18 7:30 p.m. Annual Silent Auction,
Multi-purpose Room, Grand Rapids Public Museum

In October, 1958, the Grand Rapids Mineral Society held its very first meeting. A notice in the paper announced that some rockhounds proposed to form a club. Some 300 people attended that meeting.

This year we will celebrate our "birthday" with a pot luck dinner and have invited some guests from other clubs in the area, plus our state director and assistant state director. We ask that you bring both a hot and cold dish (i.e. a main dish plus dessert or salad) and be generous in your planning as we will be providing for our guests as well as for ourselves. We want to treat them right!

Mary Honton is going to tell us "ALL ABOUT THOMSONITE" for the program. Mary spent several months during the last two years at Thomsonite Beach Motel assisting the owners and learning about this unique gemstone. For her program she has procured some very special specimens from the motel proprietors and this will be on display. We think this is going to be an outstanding evening. Plan to come.

HAVE YOU RENEWED YOUR MEMBERSHIP? DUES ARE DUE!

FROM THE PRESIDENT

HELP WANTED: Management opening exists in a mineral and gem society for the following position: Vice-president/Program Director. Light duties, requires occasional substitution for president to chair club and board meetings; planning and producing programs with the aid of the board; attending said meetings. Candidates should apply to President Bob Beauvais promptly to avoid the rush.

We do have a continuing problem in the Grand Rapids Mineral Society. There is a serious lack of people who are willing to allocate their time and talent to insure the continuation of our club and its purposes. You know that recently this burden has usually been carried by the same group of people..not always in consecutive years but most of them have held other responsibilities in the past, some of them two or more times. It would be pleasant to hear from a number of members who are willing to help THEIR club.

We need someone to oversee our refreshment table and to act as host or hostess at meetings, especially when visitors are present; also someone to coordinate the silent auction, to plan programs and to schedule demonstrations during the show at the museum. Do we have any takers?

Don't forget our Anniversary Dinner on October 21 and the Silent Auction on November 18. You'll enjoy the program and fellowship at the pot luck and you might just find what you've been looking for at the Silent Auction.

See ya there!

-Bob

CRYSTAL GLAZING... comes to you this month from Detroit, at least it is written there. We have just spent a whole day, from 10 a.m. to 10 p.m. at the Detroit Mineral Show. A lot of impressions remain with us.

There were some beautiful exhibits, mostly of specimens. In fact, looking back, it seemed to be very much a mineral show. The main cases in competition were of thumbnail and miniature minerals. Almost every dealer featured minerals. This differs much from smaller shows and mall shows where the main emphasis seems to be on lapidary displays and lapidary materials. The specimens on display by the Smithsonian, Cranbrook, Wayne University, Royal Ontario and other institutions were breathtaking as usual. Some of the special displays by dealers were very good; however, some dealers did not seem to be very interested in just displaying. The cases assigned to them showed a lack of interest in creating an exhibit just for beauty instead of profit.

The programs were good, again mostly featuring minerals. The new film produced by the Gem Institute of America was excellent although I had expected something different from the title, "Gems of America." I expected a showing of fine gems in this country, but, as Dr. Peter Keller, who introduced the film, explained, it was designed as an introduction to the displays at the Los Angeles County Museum and is therefore an explanation of where our gems come from, how they are mined, and how they are enhanced by polishing and faceting to make them the beautiful gems as we know them.

We enjoyed it all!

-Ruth

If you want to see a good show go to LANSING to see "Beauty from Nature's Materials" by Central Michigan Lapidary and Mineral Society, Michigan State Armory, 2500 S. Washington. Oct. 16-18
Or try BRIDGEPORT, MI for the show of Tri-County Rocks and Mineral Society at Spaulding High School on Oct. 31-Nov. 1.
Or try the Midwest Faceters Guild Show at Dearborn Civic Center, 15801 Michigan Ave., Dearborn, MI on Oct. 24-25

A LEVEL TO BE FORGOTTEN

by Maurice Deane

taken from BACCIA

It all started with a letter from my brother-in-law from Fredericktown, Mo. and a paper clipping of a spectacular "find" of an underground cave whose walls were covered with calcite crystals. After reading the glowing report, I was ready to catch the next plane for Missouri. I called my brother-in-law, Paul Brown, who was a friend of the production manager of the Brushy Creek Mine, a branch of the St. Joe Minerals Corp. in Fronton, Mo. He suggested that instead of me flying back immediately since it was January and cold and snowy back there, that I hold out and the whole family come back in August to make a real family trip of it. He said he thought he could "wangle" a trip into the mine with his friend, "Monk," the production manager.

So here we were in August --- weather hot and muggy in the southeast Missouri area, heading the 25 miles from Fredericktown to the "Brushy Creek Mine," near Fronton. Paul had been able to arrange an agreeable day to meet "Monk" at the mine. Nine o'clock found us at the mine office. After introductions all around, we were issued the regular miner's boots, helmet and light pack, plus the oxygen auxiliary pack with instructions on its use in case of foul air in the mine tunnels. After being duly registered and issued special I.D. tags we entered the mine elevator. What a dark, damp trip that was straight down to the 1,100 ft. level of the mine where the underground headquarters were located. A large cavity had been blasted out of whitewashed walls and ceilings 30 feet high was where a maintenance machine shop had been set up with three "off shoot" rooms blasted out of the rock. These were their underground mine office, locker and lunch rooms and a separated building area containing a small tank farm or storage area of

diesel fuel, solvents, lube oils and gasoline.

This was a Saturday so only a skeleton maintenance crew was working, plus one crew of drillers and blasters and a couple of dumpster drivers, cleaning blasted rock out of roadways, etc. These "dumpsters" were strange looking three wheel vehicles --- monsters when you were next to them --- with big diesel powered engines and large buckets, eight feet wide, that could scoop up and carry 10-20 tons of rock at 30 miles per hour through the pitch black tunnels to the mine dump area.

After introductions to the underground bosses, and plenty of good-natured banter, we were told that the usual crew was 35 men on the day shift and 25 on night shift. On the average the mine was producing 2% lead, 4% copper and 4% zinc and so far the test borings indicated about a 25 year supply of minerals. One of the big problems encountered was the underground water. This at the present time was being taken care of by six enormous pumps pushing 1,100 gallons up the 1,300 feet to the top of the mine shaft each minute. In fact it filled a small lake we noticed later. We were asked if we'd like to see the 1,300 ft. mine level. "Of course," we readily agreed. So back to the elevator, the pitch black and a 200 ft. drop straight down.

When we got off the elevator at this level we were conscious of "blasting air" pushing us along through a big "gate-door" affair that it took two of us to push shut against the force of the giant fans that circulated the air into the tunnels and then up to the outside. This was to prevent the build-up of dangerous gas pockets in the distant tunnels. There were

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HERE TALK (continued)

some three miles of tunnels at this level. Here our host started up a four-wheel drive ex-military reconnaissance diesel powered vehicle and we piled in. He said he had to check out some recent tunnel work and lastly a new area that had just been blasted out the night before--hopefully a good pocket of promising zinc and lead ore. At the newly blasted area at the end of a tunnel, we carefully scrambled (as best you can in the pitch black with only a miner's lamp to light our way) to a vertical wall with chunks of varying sizes of rocks lying about and glints of galena crystals showing here and there. We examined various samples of ore with good indications of galena ore in them, our host saying it was some of the best that they had so far encountered. He told me to reach in a small pocket on the wall to see if there might not be some galena crystals around, and sure enough in the bottom I came up with a 2' x 1 1/2' single galena crystal with a little white calcite on it that made a spectacular specimen. We found one nearly as large for my brother-in-law and loaded up with other lead and zinc prizes and headed back through the dark to our four-wheel drive vehicle.

Then we were asked if we would like to take a look at the cave. Of course we would! No matter how wet and dirty and scared we might be we were not about to turn down this chance. So we traveled a one-half mile down a "tunnel" -- really a cobble-stone paved road 25 feet wide with ditches on each side with water running most of the time. We parked in a "turn-out" area in the tunnel and were warned that when we heard the diesel dumpster coming to get off the road and into the ditches because they might not see us in the dark with only one huge light front and back and that wide bucket full of rock up front. Several times we had to leave the roadway and hug the walls as the dumpster rumbled by.

Finally our miner's lights revealed a small tunnel leading off at a 90° angle to our roadway. Almost immediately we found we had to double up to keep from bumping our heads and finally had to use hands and knees to get to an enlarged area that finally opened into a large cave. Shining our lights around and ahead of us we saw that we were in a cave that had a lake ahead and off to our right and as far as our lights could shine. There were no sounds in here except an occasional drip of water off the cave-side walls, making little circles in the still water. Then on closer examination we were amazed at the beautiful breathtaking sight of all the walls and ceiling above us covered with black calcite crystals with marcasite and bornite shining on the matrix of their bases. What a beautiful sight for a rockhound to see! How we marveled at the works of our Creator! What he had prepared for our viewing here in this total darkness and total stillness -- no one else around -- just black and gold crystals all over the place. What a lovely sight! What a privilege it was, because we learned later this cave was "off-limits" to the miners working there. I had brought a small camera and flash bulb, and I nervously arranged my footing to take a picture but, alas, it was not to be. Too much mud and water had jammed my camera tight. Damn, how I wanted that picture to take back!

We started trying to decide which crystal clusters we could chisel off the wall but found the best were beyond our reach. Our host about that time told us to take our pick but to be careful as he was leaving us because he had claustrophobia and had to get back into the fresh air.

So with my brother-in-law pushing against my back and me climbing up the crystal-faced wall, I began excitedly chipping away at the rhyolite matrix

-- next page please)

THE TUNE (concluded)

that held the base of the cluster of crystals. There I chipped the first one loose, but how do I catch it before it hits the ground -- with a chisel in one hand and a hammer in the other? So it hit the debris below, breaking off the tips of the crystals. There went my prize! But how do we circumvent this problem? There certainly were no step ladders around to use and no loose rocks to build up to reach those beautiful higher-up crystals. Ah! Here we go -- to an area nearby with about six inches of water below. Next try: success! The crystal landed in the water and had its crystal points protected as it slowly sank to the bottom. This was our solution -- pick those crystals over the edge of the water! Finally wrapped our prize crystals in rags to protect the tips as best we could and started crawling out of this magnificent crystal-covered cave.

There our guide, "Honk", was anxiously waiting outside the tunnel. He had begun to wonder if we had gotten into trouble with our being so slow to arrive with those beautiful crystals.

We ended up with all the crystals we could safely carry to the elevator, climbed on board and slowly ascended the 1,300 feet to the top side of "Brushy Creek Mine." It sure was good to see the sunlight! After showing off our prizes to the mine manager and thanking our most gracious host, we took our leave, planning to return some time in the future, better prepared, with camera, flash bulbs, maybe a step ladder, bags for crystals and hammer and chisel. As I got into the car to go home, I became aware that my legs were weak and trembling from the intense excitement that we had experienced, but what a happy trip home as we recounted the highlights of our day in that mine!

CARE AND FEEDING OF FINE JEWELRY

by Hugh Pittock

We are still asked many times, "What is the best way to clean my jewelry in between semi-annual check-ups?" Since everybody seems to be economy minded these days, we have devised the Pittock method on how to clean your jewelry on 13¢ a year or less. It's very simple and requires the following supplies:

1. 1 empty peanut butter jar	0¢
2. 1/8 bottle household ammonia	7¢
3. 2 plugs rubbing alcohol	4¢
4. 1 squirt dishwashing liquid	2¢
5. 1 old toothbrush	0¢
Total cost	13¢

Combine items 2, 3, and 4 in jar. The solution will keep almost indefinitely provided it is kept tightly capped. When the ammonia odor is gone, it is time to change the solution.

Soak item to be cleaned in the solution for a few minutes, or even overnight. Then scrub with the toothbrush, rinse under running water, and air dry on a towel.

DO NOT SOAK: pearls, opal, amber, ivory, jade, emeralds. These items may be dipped into the solution and scrubbed. Just don't soak.

DO NOT SOAK: Assembled stones such as doublets, triplets, water soluble beads, costume jewelry with rhinestones, jewelry with foil back stones, jewelry with stones glued to mountings, antiqued or plated gold or silver, fine silver jewelry that has acquired a patina. These items can be washed in warm water and dried with a towel.

DO NOT SOAK: turquoise. It should be wiped with a damp cloth and polished dry with a soft towel.

PICK AND PACK
via SERENDIPITY GEMS

REMEMBER - one of our club projects is saving commemorative stamps and those of unusual value. Clip them from the envelope leaving a 1/2 inch border all around. Bring them to our club meeting where Bob Beauvais will see about sending them to Washington state where they will be processed and sold and the money sent to aid the hungry of the world.

BOARD BRIEFS

The Board of Control met at the home of Lois and Chuck Jarmoloski on Monday, Sept. 21, 1981. Present were the Jarmoloski's, Ted and Marie Duprey, Bob and Ruth Tuinstra, Bob and Ruth Beauvais, Ruth Steele and Rich Van Beek.

Meetings for October, November, December and January were discussed. Lois Jarmoloski, Show Chairman, will check with the museum for exact dates of the show planned for February.

For our October meeting we will invite one couple from four clubs plus our state director and assistant state director. Ruth Beauvais and Mabel Bowers will be in charge. Lois will arrange for hosts and hostesses.

TREASURER'S REPORT: To our summer balance of \$239 (checking account) was added \$159 in receipts; Disbursements were \$71.50, leaving a balance of \$327.04. Our savings account totals \$253.16 and the scholarship fund is \$554.64. A full treasurer's report was filed with the president and the secretary by Ted Duprey, treasurer.

SHOW TIME COMES IN FEBRUARY!

Our annual show is scheduled for Feb. 7 thru Feb. 28 in the East Building of the Grand Rapids Public Museum. The title is **ROCKS AND MINERALS: A FAMILY AFFAIR**. The title is self-explanatory: we want to show that all ages can enjoy rockhounding in all its many aspects. Display ideas are endless like **THE FAMILY OF QUARTZ**, **THE FAMILY OF FLUORITE**,....or calcite, or various fossils.

Recent financial cut-backs by the City of Grand Rapids in the museum's budget means some changes are inevitable. Set-up day will be Saturday, Feb. 6, but because the museum is closed now on Saturdays, the set-up time will be limited. The museum can do no printing for us, nor can they provide art work. We're really on our own!

We will be using the same cases, 2 by 4 ft. some with four glass sides, some with three and a solid back. Also there will be room for owner's cases (with locks). Lois Jarmoloski, Show Chairman, would like you to call her to reserve a case now so she can make her plans. Better call her - or see her at the meeting - because if you don't, she says, she'll call you!

A fisherman holds up his hands to show how big the one was that got away. A rockhound does the same thing to show how large the rock was that he had to leave behind. There are some who do both!

PICK, STICK & SHOVEL via THE GEM CITY ROCK NEWS

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. Betty Smith, 10807 Mary Ann, Zeeland, MI 49464. All subscription orders should be sent to Parrot Printing Service, 2125 Forest Ave., Des Moines, IA 50311.



OCTOBER 1981 - Issue No. 217

MEET YOUR NEW OFFICERS

PRESIDENT - LARRY NAWOJSKI

LARRY served this past year as MWF First Vice-President, and as Acting President since the death of President MEL SHARP. He has been Second Vice-President, Chairman of the Lapidary Arts Committee and member of the Uniform Rules Committee. He is a member of the Chicago Lapidary Club and has served in many capacities as officer or committee chairman, and has served as co-chairman of Judging and Awards for the Chicagoland Gems and Mineral Association.

1st VICE-PRESIDENT - MRS. DIANE DARE

DIANE served this past year as MWF 2nd Vice-President and Chairman of the Merit Awards Committee. She has also served as Chairman of the Directory and Calendar of Events Committee, as well as the Junior Activities Committee. She is a member of the Evansville Lapidary Society.

2nd VICE-PRESIDENT - REX WEBB

REX has been the Minnesota State Director for a couple of years, and was an Assistant before that. He brought the Minnesota State Display for the South Bend Show, beautiful Lake Superior agates from his own collection. REX lives in Bloomington, Minnesota and is busy promoting the 1982 MWF Show.

SECRETARY - MISS JEAN REYNOLDS

JEAN, an Honorary Member of the MWF, is serving her 14th consecutive year as Secretary. She is a member and Past President of the Earth Science Club of Northern Illinois and is also Editor of that club's Earth Science News.

TREASURER - WILLIAM PARCH

BILL is currently serving his second term as MWF Treasurer. He has served as State Director for the State of Wisconsin, and also as Assistant. He is a member of the Driftless Area Gem & Mineral Club and the Coulee Rock Club, and has served both clubs in many capacities.



NEW MWF ENVIRONMENT PATCH AVAILABLE

A new four inch, five color cloth patch by the Environment Committee promotes the theme, For Conservation and a Clean Environment. It is available from the Director of Supplies,

CLINTON HECKERT, 725 Stewart Ave., Elgin, IL 60120. The price is \$2 for each patch and can be ordered in quantities.

The two new members of the Nominating Committee for a three-year term to end in 1984 are:

MRS. FLORENCE HILL, Michigan State Director, Mason, Michigan

LARRY DESOTEL, Iowa State Director, Cedar Rapids, Iowa

MILES SMITH, Frankfort, Kentucky, has been selected to the MWF Scholarship Board of Selectors for 1981-1982.

MIDWEST WINNERS - 1980 ALL-AMERICAN CLUB CONTEST
(in alphabetical order)

Badlands Sandhills Earth Science Club, Mission, South Dakota

Though small in number and scattered about, this is a club of active and dedicated members. They don't let weather keep them from meetings and events! Activities are open to other clubs that may wish to participate, and the local press is made aware of their guests and events. The members are willing to do whatever is needed, from filling in when a program doesn't arrive, ordering books from the state library, helping 4-H members upgrade their specimens, or furnishing food for the show snack area. A warm, friendly attitude is shown in their application.

Flint Rock and Gem Club, Flint, Michigan

Persistent participation for twenty-five years with spectacular shows and activities. It may well be the fastest growing club in the United States. Members contribute money and materials to museums and schools and support several scholarship funds. Members have displayed with success at regional and national shows, and participated in work for organizations. A major project completed during this year was a Show Manual and Guide. Keenly aware of the local economy, several of their fieldtrips were overnights, via chartered bus. Membership cards each year display a mineral of the state.

Lake County Gem and Mineral Society, Lake County, Illinois

This club makes special efforts to introduce young people to the hobby and encourages their interest. They have donated 100 specimen cases to the area schools, and give awards for geology projects at the County Fair. The winners are special guests at the next meeting. The meeting programs range from electroplating to archaeological finds at the nearby Forest Preserves. Senior Citizens and hospitals are not forgotten - they are given demonstrations of lapidary work and other programs. Scholarship money is raised by stamp sales at the show, memorial gifts and rebates from magazines subscriptions.

Lincoln Gem and Mineral Club, Lincoln, Nebraska

A club that has consistently worked for the betterment of the Midwest Federation through its sponsorship of activities at all levels, especially local, regional and national shows. Its members have gone beyond expectations in every game and yet retained a high level of services for local activities. The bulletin each month has a special educational feature, as well as a page of Junior activity. Displays have been set up in the State Museum and public libraries, and over 10,000 people viewed the club's exhibits of gems, rocks, minerals and fossils at the Nature Center. Even though they were very busy with the duties of hosting the combined regional and national show, they carried on all their regular club activities and events.

Part Forest Earth Science Club, Park Forest, Illinois

A club that spends much time working for and with groups outside its own membership. The club paper is well organized and representative of all the club activities. Each monthly meetings includes displays of a specified item, a program and a quiz afterward, complete with prizes. Monthly field trips included museums, a trilobite hunt with another club and a 4-day trip to Arkansas (with a detailed trip guide booklet prepared by the leader). The members work with schools, hospitals, museums, senior citizens, history groups, art fairs, youth groups and conservation groups.

HONORABLE MENTIONS

Gem City Rock Club, Quincy, Illinois
Duneland Rock Club, Griffith, Indiana
Peru Rocks and Minerals Club, Inc., Peru, Indiana
Dallas County Rock Club Inc., Adel, Iowa
Earth Science Club of Missouri, Brentwood, Missouri
McDonnell Douglas Gem & Mineral Society, St. Louis, Missouri
Sioux Empire Gem & Mineral Society, Sioux Falls, South Dakota
Neville Public Museum Geology Club, Green Bay, Wisconsin
Wisconsin Geological Society, Milwaukee, Wisconsin

Submitted by DIANE DARE, MWF Merit Awards Chairman

WHAT IS THE MIDWEST FEDERATION
DOING FOR US???

This is a frequently asked question by club members who do not attend MWF shows or get the monthly Newsletter. Of course, the showing of the new slide program by assistant state directors in the near future, will answer questions on the MWF organization, however they cannot describe the status of current activities.

At South Bend, we just finished another successful show. At the executive committee meeting, they authorized the trial publication of MWF REPORTS. As a proposed quarterly report, it will contain statements and reports from officers and committee chairpersons on the activities of the federation. Announcements and news of your committee are still needed by BETTE SMITH for the Newsletter.

For this publication, we are asking for longer reports on the following:

- Report on your committee activities
- Plans or projects
- Recommendations for club participation
- Requests for club responses
- Statements on committee purposes or goals.

Your report can be four or five paragraphs (up to one typewritten page). Clear pictures, sketches and appropriate cartoons are welcome but will not be returned. Please sign your report with your signature.

We are looking forward to your enthusiastic response to the opening question soon. There are 271 clubs with 15,383 members who want to know.

JOHN BOLAND, Environment Committee
Assistant

DR. BENJAMIN MOULTON is our new
Merit Award MWF Chairman.

Programs

#49 "Natures Carvings, Geologic Phenomena Formed by Wind & Water"

The title gives an idea of the subject matter. Natures beauty may be viewed in Spring at Bacon Hollow overlook in Shenandoah National Park; or in Summer at Upper Tahquamenon Falls near Newberry, Michigan; or Fall when the Aspen makes the Colorado mountainside look like gold; or Wintertime when the snow blankets the Grand Canyon of the Yellowstone in Yellowstone Park, Wyoming.

Quotes are from the script of the program. A club can traverse our beautiful country viewing the gorgeous carvings of Nature.

#46 "Masterpieces of Nature" is written by a mineral fan - Russell Mac Fall and tells of what he believes are Natures finest. Divided into mineral classes, it is a good program for general meetings or for study groups. Photography - wonderful!

#77 "More Rare Than Diamonds" - a story of a small spot in Oregon and a dedicated paleobotanist and shows how one dedicated amateur on collecting on one site advanced our scientific knowledge.

Many collecting scenes, pictures of various seeds found here, some needing macro-photography for us to enjoy; a few fossil animals and rhino teeth.

This is an example of programs submitted to the American Federation film contest and the value to rockhounds like us.

There are many programs that are old (slides) or out-dated (material). We would like to see more slide programs. If you have created a program, send it to us, we will copy and return your slides. This helps your club gain points to All-American Merit award. We hope to see many new programs.

LOUISE STINNETT, Chairman Program Requests (film library)

AFMS PUBLIC RELATIONS HONOR ROLL

Any clubs are well known in their home state and in their Regional Federation and in AFMS for their excellent work in Public Relations. Some clubs which have equally fine programs never achieve the recognition they deserve because we are not made aware of what they are doing. Here are some of the clubs which have a strong public image because they share their success stories with all.

ARK-LA-TEX GEM AND MINERAL SOCIETY, SHREVEPORT, LOUISIANA
GEM CUTTERS GUILD OF BALTIMORE, MARYLAND
ROCHESTER ACADEMY OF SCIENCE, MINERAL SECTION, ROCHESTER, NEW YORK
MICROMINERALOGISTS OF THE NATIONAL CAPITOL
LINCOLN GEM AND MINERAL CLUB, NEBRASKA
FLINT ROCK AND GEM CLUB, MICHIGAN
MICHIGAN GEOLOGY AND GEMCRAFT SOCIETY
ROEHM GEOLOGY CLUB, OHIO
PICTURE CITY GEM AND MINERAL SOCIETY, HOT SPRINGS, SOUTH DAKOTA
TUCSON GEM AND MINERAL SOCIETY, ARIZONA*
COLUMBIA ROCK AND GEM CLUB, ST. HELENS, OREGON
MAGIC VALLEY GEM CLUB, TWIN FALLS, IDAHO
MINERAL AND GEM CLUB OF CASTRO VALLEY, CALIFORNIA
SAN DIEGO MINERAL AND GEM SOCIETY, CALIFORNIA
FOSSILS FOR FUN SOCIETY, SACRAMENTO, CALIFORNIA

The order of the above list has no particular significance. The star for the Tucson Club is to remind us that super Public Relations for a club is an achievable goal!

JUNE ZEITNER, Chairman, AFMS Public Relations Committee

FALL EXECUTIVE MEETING

The fall meeting of the MWF Executive Committee will be held on Saturday, November 7 in Evansville, Indiana. Newly elected officers at South Bend, Indiana for 1982 will be installed. Complete details will be sent to all members by the Secretary, JEAN REYNOLDS.

SAFETY CERTIFICATE OF COMMENDATION

At the meeting of the Midwest Federation in South Bend, Indiana, the "go-ahead" on my suggestion for a Safety Certificate of Commendation was given. Clubs promoting club shows with strict adherence to safety are to be the recipients. The requirements and rules are as follows:

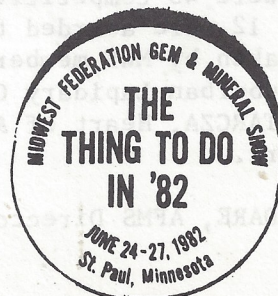
1. Each year, clubs sponsoring shows, should apply for the Midwest Federation's Safety Certificate of Commendation.
2. Safety Chairmen of individual clubs should monitor all shows they attend and report safety hazards to the one in charge of the show. If nothing is done to correct the danger, it should be reported to the Midwest Federation Safety Chairman, who will keep a record of this report.
3. When a club submits an application for the Certificate - where there are any derogatory reports against that club, instead of a Safety Certificate, they will receive a Letter of Censure.

As time progresses, and this Certificate is observed more and more at shows, the various clubs will endeavor to cooperate so they can thus obtain and exhibit the Safety Certificate of Commendation proudly.

Since this program will be in full operation as soon as possible, anyone noting dangerous procedures involving shows, please write to the Midwest Federation Safety & Field Trip Chairman, MRS. HELEN R. NEUMANN, 20955 Balfour Road, Mt. Clemens, MI 48043. Proper forms will be forthcoming soon and will be sent to each club.

HELEN R. NEUMANN, Chairman, MWF Safety & Field Trip Committee

1982
SHOW
BUTTON



TO MIDWEST FEDERATION STATE DIRECTORS

The membership committee needs your help.. I am trying to update my records. While at the South Bend meetings, I gave the state directors copies of the names of their clubs and asked their help in getting the correct dates that their clubs joined MWF. I would appreciate this information before the next directory comes out. This information is very important as my records are incomplete prior to 1969. We would also like to make sure that each club receives their anniversary certificate on the correct date.

MARY EDWARDS, Membership Chairman

NOTES FROM THE AFMS MEETING, SALT LAKE CITY

All-American Club Contest had 74 entries; Midwest Federation led with 29, California 11, Eastern 5, Northwest 12, Rocky Mountain 7 & South Central 10.

There are a number of Safety Manuals in stock - excellent and useful publication.

AFMS Bulletin Contests - total of 154 entries.

Only 6 programs entered in the Slide Program contest.

From Newsletter editor report "I ask all club presidents and/or editors to present some federation news at each monthly meeting or print some small item or excerpt in each newsletter, many club members are not aware of the existence of regional and national federations".

Public Relations Committee report from JUNE ZEITNER: "The country is very environmentally conscious these days. Also the lack of basics in education is much in discussion. And there is more interest in energy, metals, and exploration than ever before. There is also a revival of enthusiasm for crafts. I think our main thrust should be to let America know that we are the natural leaders in these fields."

There were 43 competitive displays in AFMS Show: 12 were awarded trophies. Two of these were taken by MWF members - BRUCE LUNDEN of West Suburban Lapidary Club, Illinois, and HAZEL TARCZA, Heart of America Geology Club, Missouri.

DIANE DARE, AFMS Director

Slate H 1-3 Mohs

A dense fine grained metamorphic material of clay, shale and quartz compressed into bedding planes. Predominantly black, other colors are red, green, grey and chocolate colored.

The black from Pennsylvania is comparatively soft while the material from Vermont is harder. It is ideally suited to line drawing or low relief carving. Most slate that is available is in relatively thin sheets. If obtainable in thick sections it would be usable for carvings in the round. Most marble and building supply companies offer slate for sale.

Alabaster H of 2 Mohs

This beautiful material is in ready supply for Michiganders both from Alabaster City and the Grand Rapids Area. From time to time Colorado and Utah Alabaster is listed by rock dealers. The Colorado material is noted for its fine, dense composition. We have a cat carved from the Utah material that was fine and even in its working qualities.

Soapstone H 1-1½ Mohs

A material for carving with ease and abandon. Soapstone, Talc or Steatite all seem relatively the same to a carver. Mineralogically speaking there may be a difference but this is of little consequence to the lapidary. Presently Washington state soapstone is available from dealers.

These three materials plus ivory, coral, amber, jet, shell and others can be worked with steel tools. Our supply list of these tools includes a round carbide hacksaw, a coping saw, an assortment of rasps and files, knives of the Exacto variety and wet or dry silicon carbide cloth or paper for sanding. The polish may be worked up in lapidary fashion or hard paste waxes.

HAZEL & PETE FEILEN, The Rockpile, May 1973

SHOP HINT One of the most aggravating of all lapidary chores is finding a place to store silicon carbide sanding disks. But an old-timer I talked with recently has found the perfect solution. Take an old magazine & store the disks between its pages. These 'sanding books' can then be stacked on the shelf and you'll have your sanding disks flat and ready to go when you need them.

Cobb-L-Stones via The Tully, September 1981

SEPTEMBER MEETING... Everyone had a scratching good time! First we gathered for a talk by Clarence Berndt who gave us information on slate carving. He displayed several of his slate pictures, some very carefully done relief work. Clarence is a member of the Indian Mounds Rock and Mineral Club and has been working with slate for about three years.

Following his short talk, we adjourned to the tables at the back of the room. Clarence gave us a sheet of general instructions and a selection of pictures were available to be traced on the slate. We used natural slate brought back from the Arvon Slate Quarry near L'Anse, Michigan by Bob and Ruth Beauvais.

Everyone settled down to trace and then to etch their picture using masonry nails contributed by Chuck Jarmoloski. There was quiet conversation and a lot of scratching which reminded many of us of our school days when the chalk would scratch across the slate blackboard.

This was a first "hands on" meeting for our club for some time and proved to be a time of fun and fellowship. If you like this type of meeting, please let the board know...and if you have any suggestions for something similar, tell the board members!

COMING IN NOVEMBER...

Our Annual Silent Auction

As you sort over your summer treasures, and as you visit the shows this fall, remember your club. Start now to set aside specimens, slabs and finished work for the silent auction. This is our main money-making event of the year and your club needs your help. A silent auction is no better than the materials contributed. Once again the club will return 50% of the selling price to you if you ask for it. Plan to contribute - plan to come! This year we will add one more special table for bidding: for craft items and collectibles. What can you bring? What will you buy?

The curator of the Arizona Mineral Museum advised REDU, a product of Amway, is great for taking rust off quartz crystals.

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