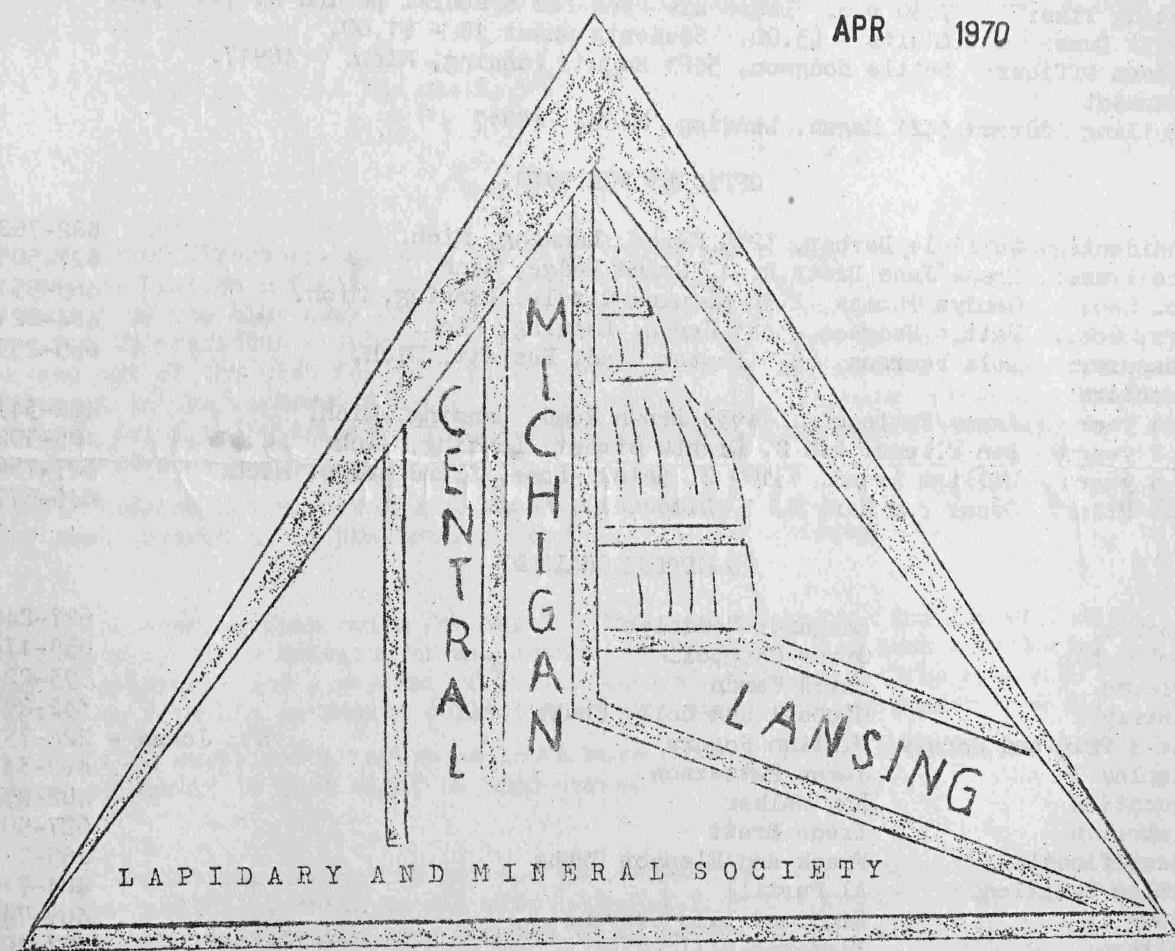


ROCKHOUND NEWS

VOLUME 14
NUMBER 4
APR 1970



AFFILIATIONS

MIDWEST FEDERATION OF MINERALOGICAL AND GEOLOGICAL SOCIETIES
AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES

ROCKHOUND NEWS - 1970

This bulletin is the official publication of the Central Michigan Lapidary and Mineral Society of Greater Lansing, Michigan, and is published the second week of each month, except July and August.

The Central Michigan Lapidary and Mineral Society is a non-profit organization, meeting to promote interest and increased knowledge in the fields of mineralogy, geology, paleontology, and the lapidary arts. It was organized May, 1957.

Meeting Place: St. Stephen Lutheran Church, 3838 Delta River Drive, Lansing.
 Meeting Date: Third Thursday each month, except July and August.
 Meeting Time: 7:30 p.m. Doors are open for a social period at 7:00 p.m.
 Annual Dues: Adults - \$3.00. Students under 18 - \$1.00.
 Liaison Officer: Bettie Hodgson, 3421 Hagan, Lansing, Mich. 48917.
 Permanent
 Mailing Address: 3421 Hagan, Lansing, Mich. 48917

OFFICERS FOR 1970

President:	Carlisle Barber, 3215 Karen, Lansing, Mich.	882-7621
Vice Pres.:	Irene Jane Brett, R. 1, Grand Ledge, Mich.	627-5058
Rec. Sec.:	Gladys Thomas, 2936 Kenwick Circle, Lansing, Mich.	489-5510
Corr. Sec.:	Bettie Hodgson, 3421 Hagan, Lansing, Mich.	484-2210
Treasurer:	Lola Pearson, 6975 Foster Road, Haslett, Mich.	655-2554
Directors:		
1 year	James Patterson, 14933 Brown Road, Lansing, Mich.	482-3437
2 years	Dan Wilcox, 219 S. Eighth Street, Lansing, Mich.	485-3926
3 years	William Arend, 13100 E. Melody Lane, Grand Ledge, Mich.	627-7563
Past Pres:	Oscar Puryear, R. 1, Dimondale, Mich.	646-6779

COMMITTEE CHAIRMEN

Program	Margaret Randolph	627-2462
Membership	Grace Chappell	655-1749
Welcome	David Toman	393-2247
Library	Michael and Holly Chubb	332-2970
Field Trip and Safety	William Rogers	St. Johns - 224-7596
Display	James Patterson	482-3437
Education	Ray Walker	482-2529
Historian	Irene Brett	627-5058
Identification	Frank and Eleanor Owens	485-7 65
Public Relations	Al Purtill	484-7196
Show	Rich and Lila Stevens	489-7444
Editor	Florence Hill	337-1005
Publishers	John and Wilma Hopkins	372-2089

Material in this publication may be used by others, provided acknowledgment is made.

Hi, Fellow Rockhounds!

Since our last meeting several of us have been together on the field trip at Grand Rapids. To those of us who had not been there before it was quite an experience, and to the old-timers it was lots of fun. I know we had a real good time. Were you there?

Once again we all should be thinking of finding things for the club and for the show on our vacations.

See you all at the meeting!

Slim

* * * * *

The Board of Directors has accepted with regret the resignation of Clarence Kirkby as Liaison Officer. Clarence and wife Gladys were leading spirits in the founding of the club away back in 1957, Clarence being chosen the first and again the fourth president. Together they have served the cause of rockhounding both in and out of the club for many years, and have been instrumental in awakening interest in the wonders of earth in many individuals. Right now they are planning several trips to be taken in the near future. We all wish them much enjoyment in their well-deserved travels, and hope to see them often back at the meetings.

Bettie Hodgson has accepted appointment to the post of Liaison Officer, so Clarence may rest assured he is placing his responsibilities in capable hands.

* * * * *

The March meeting featured a fascinating talk and an unusual display of Indian artifacts by Clyde Anderson of St. Johns. Mr. Anderson has been a collector of Indian artifacts and a student of Indian lore since boyhood. The specimens he showed us from his extensive collection evoked questions and wonder from all.

Wouldn't be surprised if everyone looks more closely now at that little chip of chert to see if it just might be hand-worked.

PROGRAM -- Getting anxious to get out the trailer and the rockhounding gear and "hit the trail"? I think we all are, especially on the bright, sunny, mild days that we have occasionally been treated to -- between snowflakes, I might add. Meanwhile, while waiting for the snowdrifts to disappear, come on out to the meeting April 16, and travel along with our fellow members, the Clarence Morgans, as they go "Driving and Digging Our Way Through the Northwest." Clarence and Hazel had a wonderful time, collected a lot of interesting rocks, and have some very entertaining slides to share with you. They will have some of their "loot" on display, too -- and in addition, Jim Patterson has promised to display a case of his beautiful obsidian creations, since Morgans collected a lot of that material. So come and travel the road with us and "See the U.S.A." -- or at least a very interesting and scenic part of it -- through the lens of the Morgans' camera.

Margaret Randolph

P.S. Thanks to all of you who shared your artifacts with us at the March Meeting.

MEETING TIME -- President Barber wants to remind everyone that the business meeting will start promptly at 7:30 p.m. Come earlier -- and stay later -- if you want time to see displays, exchange books, and visit with other members. Doors will be open at 7:00.

The 1970 CIL & MS DIRECTORIES will be ready for you to pick up at the April meeting. Again, please inform your editor and secretary of any change of address, telephone or other listing. Corrections and additions will be printed in the NEWS.

Since there has been some confusion, it may be well to clarify the way the fall rate of dues operates. The lower rate at that time applies only to members entering the club for the first time. Members already on the club roll pay the full annual fee no matter how late the payment is made. Through September-October incoming members pay half the annual fee. Through November-December new members pay the full amount but are given membership for the entire succeeding calendar year. Applications for membership should be accompanied by the appropriate fee.

LIBRARY "HOURS": With your officers planning to begin the meetings promptly at 7:30 it may be difficult for many members to return books before the meeting begins. We will be set up by 7:15 for those who wish to come early, and will keep the library open after the close of meeting for the benefit of the late comers.

A reminder from your librarian: Thank you for the excellent response to my request for overdue books. This month I am listing some books that are long overdue and for which there have been requests. If you have one of these books, please make a special effort to return it during our April meeting. It is only fair that other members have equal opportunity to use the books. The library cards showed the names given with the book as being the last member to borrow these books. Should you not have the book, or should there be some problem concerning these books, please telephone 332-2970 and discuss it with me.

Fenton, "The Fossil Book" -- Robert Taggart

Dake, "The Art of Gem Cutting" -- U. Harley Russell

Dake, "Quartz Family Minerals" -- Lucy Dewey

Sinkankas, "Gem Cutting" -- Harold Martin

Pough, "Field Guide to Rocks and Minerals" -- Lawrence Bourland

Victor, "Gem Tumbling and Baroque Jewelry Making" -- Dan Fedewa

"Mineral Recognition" -- A special plea goes out for the return of this one. It is a recent memorial book purchase and should be kept in circulation. There was no name supplied by the borrower.

A request from your librarian: I am clipping, sorting and filing articles out of back issues of the rocks and minerals magazines so that we will build up folders of information on good collecting sites in various states, interesting lapidary hints, fossil identification, etc.

If you have any back issues of Lapidary Journal, Earth Science, Gems and Minerals, etc., that you are not using or are thinking of discarding, will you please donate them to your library? Our folders will only be as valuable as the information they contain. So bring one, bring many -- they will all be much appreciated.

BETTY CROCKER COUPONS received total 4200, says Sally Barber. That means \$21.00 more toward our Scholarship Fund contribution. Keep up the good work!

FIELD TRIPS

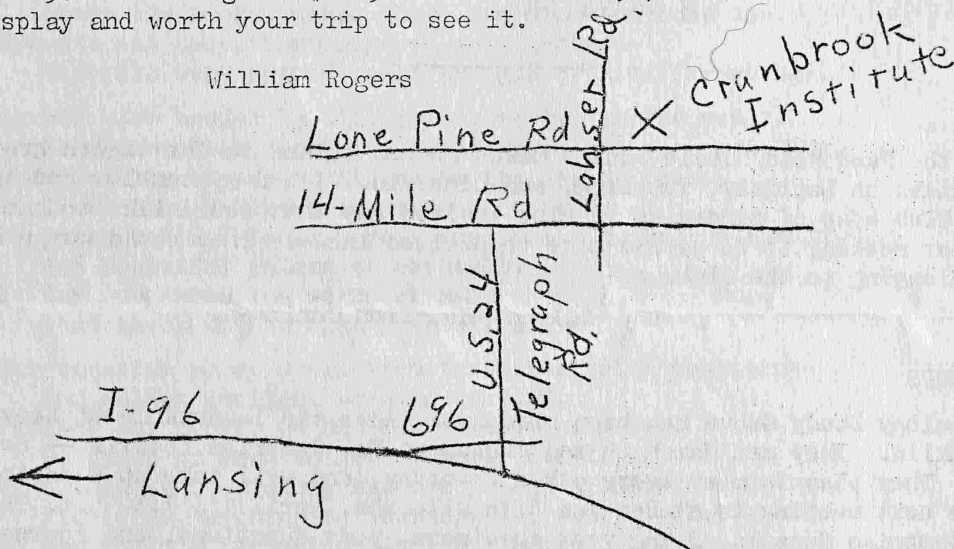
We had our field trip to the gypsum mine in Grand Rapids March 21. Had about 25 members and several guests. I took the Krebs, Herb, Wealthy, and Nan with me. They had never been there before, and they really had a good time. Wealthy got several nice selenite Xls, thanks to Wendell Ferry of Howell. We were late getting there and left about 2:30 p.m. to go to Beauty Craft to spend a little money, and that I did. I heard through the grapevine that three ardent rockhounds almost got left in the mine. But the noise that they made when the lights were turned off was heard way up to the front office, and they came back down and let them out.

"Just kiddin', fellows."

Field Trip Chairman William Rogers

There will be a trip to Cranbrook Institute of Science on April 26, 1970. They are open from 1 to 5. The charge is \$1.25 for adults and 50¢ for students. This is a beautiful display and worth your trip to see it.

William Rogers



The following article was written expressly for "The Prospector" by Dr. Maurice Pascoe, editor of the "Pseudomorph," bulletin of the Tri-State Gem and Mineral Society. He is a doctor of optometry in Lancaster, Wis.

EYE AND YOUR BEST FRIEND

Have you ever thought, as you pounded and hammered on a big, hard specimen, just how you would get it back into your car, drive home, work it up into whatever form you may desire ... If you couldn't see?

Most of us know the hardness of the stone we're chipping. We also know whether it has hackly, conchoidal or splintery fracture..... but are we respecting these scientific principles and realizing that each of these words also spell... Danger?

Many rockhounds have had a branch or bush smack them in the face while walking through a brush patch on a rock hunt. Branches and leaves can cause serious eye injury.

Silicon carbide particles, flying off grinding wheels, a sanding belt suddenly breaking at 1,750 RPM, a V belt splitting, a cab flying off a dopstick, a sliver of

obsidian flaking off when overheated, oxalic acid on a polishing buff, or cleaning specimens in acid ... there are Lots of ways we can gamble with our eyesight in this hobby. And you are gambling if your eyes are not protected! If you wear prescription glasses, ask your optometrist or ophthalmologist for his recommendation on protective eyewear ... Tell him you pound on rocks...grind rocks on rapidly turning wheels... perhaps all you need to tell him you are a rockhound!

For those who do not wear glasses regularly, there are many protective goggles available that will give much-needed shielding from these hazards.

Industry spends millions each year providing protective eyewear for employees... and our hobby is more dangerous than many of those jobs!!!

Perhaps my training and experience in this field makes me more conscious of these hazards, but seeing too many eye accidents constantly reminds me of their presence.

I never sit at the grinder, or pound a rock without my safety glasses.

WHY SHOULD YOU?

EDUCATION *

I was at the Macdonald Middle School March 20 and talked to the eighth grade science class on Lapidary, Tumbling, and Minerals. I had my tumbler and case, also the Club case of minerals. I also invited any that would like to come to our regular meeting to do so and make themselves known. They could get a lot out of belonging to the Club.

Ray Walker, Education Chairman.

STUDY GROUPS

A paleontology Study Group has been organized under the leadership of Lloyd and Irene Conklin. They met March 28 and discussed Pre-Cambrian fossils -- or the lack of them. They plan to meet every other Saturday, and will take up a period at a time. The next meeting is at Dan and Rita Wilcox's, April 11, 7:30 p.m. The subject will be Cambrian fossils. Bring your specimens, your questions, and yourselves.

The silversmithing class is meeting regularly with Jim Patterson as instructor, but is up to the maximum at present.

The Geology Study Group, with Wayne and Marian Henderson as leaders, has been meeting at DeLashmutts, with Miss Helen Martin as instructor. The group will meet at the Delhi Town Hall, Cedar Street, Holt, in the Board Room on Friday, April 10 at 7:15 p.m., and will meet there every Friday throughout April.

DISPLAY

It is too late now to enter your display case at the Jackson show, but remember the date and at least go and see this show -- April 17-19.

The Kalamazoo Show is to be a Midwest Federation Rockrama on May 16-17. They would like some of our displays for their show. Let's help them out.

Again I say, remember we have a show coming up this fall, November 13, 14, and 15.

Jim Patterson

Board Meeting May 7 will be at the Rogers, north of St. Johns on Marshall Road.

WONDERS OF NATURE

Gladys Kirkby

5

We like to think of the mighty and wondrous
Works of God,
When we go to far off places to hunt for rocks,
And pry them up with a rod.
They are rough and dirty on the outside,
And we wonder if they are a good find.
With our rock hammer, we chip off a corner,
Then look around for another of their kind.

We pause and look at cloud and azure sky
Blending into the distant mountain peak,
Thinking about how the sun was hung in the sky,
Lighting our path for more rocks to seek.
We think of how the fountains of the deep
Broke the rocks, mixed them, and squeezed some too.
Granite was made, some layered into gneiss.
Minerals were formed, part changed to a different hue.

Agates were banded by different minerals in the water.
Some are clear, speckled, patterned, and some are blue.
When looking on the mountainside for Apache Tears,
If we find Perlite, it gives us a clue.
No power but God could have formed the many varied shapes
And beautiful colors of crystals.
It far surpasses the works of man
That shoot up the mighty missiles.

Our vacation about over, from these beautiful mountains
And golden sunlight we hate to part.
Packing our rocks, we bid our friends good-bye.
We arose at dawn to get an early start.
We planned a stop along the way to see a wonder of nature.
From Cody, Wyoming to Thermopolis, we travelled south,
To the World's Largest Mineral Hot Spring with 135° water
Bubbling out of its 35 foot wide mouth.

The water flows gently over the Rainbow Terraces,
And to algae the color is due.
Mineral baths and a few homes are heated by thermo waters.
Some fields and lawns are watered too.
We came through the Platte River valley,
And into the "Tall-Corn State," lush and green.
In the town of Clarence, the sign read, "Welcome Clarence."
And on the trash cans read, "Help Keep Clarence Clean."

When we are home again with rocks unpacked,
We check each tool that we took.
With our tubs and scrub brushes, we wash and rinse the rocks
To see how much better they look.
But the crowning touch is to cut a slice
To see what the rough outside did hide.
We know the hand of the Creator painted the beauty
That we see inside.

WANTED -- ROCKS !

Remember the out-of-this-world Children's Table at the Show last fall? Well, Irene Jane is starting to work on a repeat performance, and she needs everyone's help. She is asking for material that her committee can begin to work on as soon as the workshop in the Brett's barn is back in the temperate zone. This is what she would like:

1. Tumbled stones
2. Individual specimens, from 1 to 6 inches, such as
 - Geode halves
 - Pugh Quarry calcite
 - Bellevue calcite
 - Gypsum, hematite, pyrite
 - Other crystals
 - Various ores
 - End cuts from larger specimens
3. Material for Michigan Mineral boxes.

Specular hematite	Calcite
Kona dolomite	Serpentine
Epidote	Petoskey stone
Copper	Chrysacolla
Sulphur	Anthraconite

These specimens should be approximately 1 inch in size. Larger specimens which can be broken up to the inch size are good. And they must be from Michigan.
4. Grab Bag material. Individual specimens or larger specimens which can be broken.

Please bring your contributions to the next meeting, or call Irene Jane Brett, 627-5058, and I will pick them up.

MEMBERS

The following new members were approved by the Board this month:

- 705 Jack Thompson, 1323 Roselawn, Lansing, 48915. 489-2383
- 706S Jack W. Thompson, address as above
- 707S Mark Arend, 13100 E. Melody Lane, Grand Ledge, 48837. 627-7563
- 708S Michelle Arend, address as above

Welcome to you, and we will expect to see you at the April meeting.

CLUB MERIT AWARDS

Historian Mrs. Walter Brett, Grand Ledge, has the task of writing up our Club's 1969 activities for the Merit Service Awards, of which there are now two. If you have performed any public service along the line of our hobby, please be sure that Irene has full information on it, with pictures and clippings if such are available. Also, keep her as well as the Education Chairman well informed throughout 1970 of any such activities on your part. Many of you give talks, show displays, and help beginners without fanfare. You and our club should receive due credit for those good deeds.

Irene must have the 1969 report in this month, so get your information to her fast.

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TOP NOTCH SILENT AUCTIONS

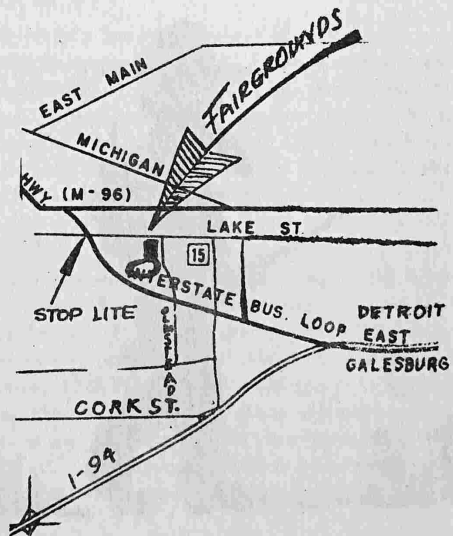
Lapidary Workshop ➡ Indian Artifacts

EDUCATIONAL PROGRAMS

Reputable Dealers with Complete Hobby Sales Booths

SPECIAL DISPLAYS
From Midwest Area

DOOR PRIZES
GAMES
FUN



*Kalamazoo
Geological
and Mineral
Society*

PRESENTS

**KALAMAZOO PROSPECTORS
ROCKRAMA**

GEM & MINERAL SWAPPING

Fairgrounds County Center Building
KALAMAZOO, MICHIGAN

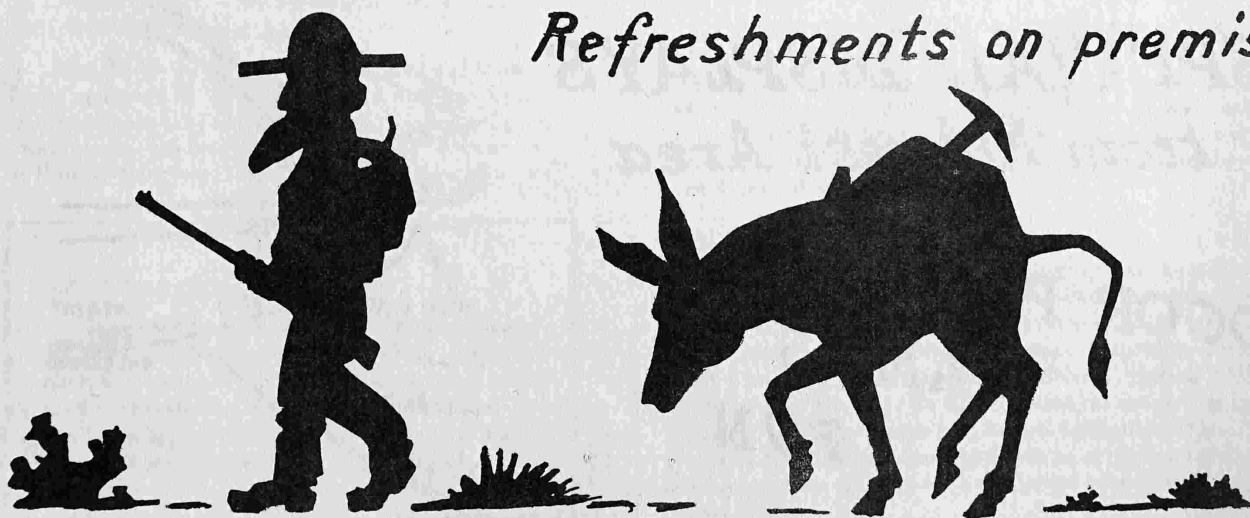
MAY 16-17 1970

10 to 10
10 to 6

DONATIONS 50¢ - CHILDREN UNDER 12 FREE

IF ACCOMPANIED BY ADULT

Refreshments on premises



Midwest Federation's NEWSLETTER

Published monthly except July & August as a Service to Member Clubs
Editor: Haydon Peterson, Route 5 - Box 229, Des Moines, Ia. 50317



Issue No. 104 - April 1970

EXTRY! EXTRY! THE 1970 DIRECTORY

The 1970 Official Directory of the Midwest Federation of Mineralogical and Geological Societies is out. This is the publication that tells everything you want to know about the Federation and its clubs... clubs located by states, with their officers and names of their bulletins; names of officers and of the members of standing committees; publications and other material available from the director of supplies; the first general printing of the Federation's new bylaws, its constitution; officers of the American Federation and other regional federations; information about the Scholarship foundation, and, last but far from least, the calendar of events, listing rock swaps and club shows for a year ahead. All that for 50 cents, handsomely printed and bound and well indexed, with the new fully "color-keyed" sections which will enable you to turn to any section of information immediately.

The editor of the Directory is Mrs. Olive Ellersick of St. Louis, Missouri who has been engaged in gathering material for it since last fall. The Calendar of events was prepared by Miss Dorothy Gleiser of Lake Forest, Illinois, Scholarship foundation information by Mrs. Walter Steinbrenner of Des Moines, Iowa and William deNeui of Minneapolis, Minnesota and it was printed by Parrot Printing Service of Des Moines, Iowa of which Haydon Peterson is owner. To them a heartfelt thank you.

Each club will receive two free copies for its officer's use. Club members may order their own copies from Verne Montgomery, 830 Sheridan Place, Downers Grove, Illinois 60515.

ROCKRAMAS FOR 1970

May 16-17 - Kalamazoo Geological and Mineral Society at the Kalamazoo County Recreation Building 2900 Lake Street, Kalamazoo, Michigan. The program includes lectures on silver casting, on the masodon in Alaska, and on the Jewel of Many Facets by former Federation president Ellis Courter. Silver casting, faceting, cabochon cutting and tumbling will be demonstrated. There will be a Cracker Barrel session and a big swap session is being developed. Camp sites available on the fairgrounds. Ten dealers will be present, including one from Oregon, one from Pennsylvania and one from New Mexico. For information contact Mr. Harold Berner, 2539 Brookhaven Drive, Kalamazoo, Michigan 49001.

May 23-24 - Cuyahoga County Gem and Mineral Show sponsored by the Fairview Park Lapidary Society and the Parma Lapidary Club at the Cuyahoga County Fairgrounds, Eastland Road, Berea, O. Attractions will be working exhibits, including a diamond cutter,

special displays of carvings, minerals and fossils. There will be competitive show and a non-competitive show, swapping, cracker barrel session, camping on the grounds (fee), lunch facilities, dealers, etc. For information contact either Frank Sakryd, 5007 W. Ridgewood Drive, Parma, O. 44134 or Walter Zernechel, 27180 Gloucester Drive, North Olmsted, O. 44070.

September 11-12-13 - Rockrama '70 sponsored by the Blackhawk Rock Club in the Coliseum building at Oregon, Ill. There will be dealers, special displays, cracker barrel session, and a good show. For information contact Everett Allen, 3212 Hanover St., Rockford, Ill. 61103.

SPECIAL DISPLAYS

The Federation's Special Displays Directory will be revised and brought up to date soon. There is a great demand for new and outstanding displays for club, Rockrama and Federation shows. If you have such a display and wish to exhibit it, please write Mrs. Miriam Pierce, 35449 Oakdale drive, Livonia, Mich. 48154, so that it can be included in the revised issue of the Special Displays directory.

MERIT AWARDS

All clubs have been mailed applications for the Midwest and American Merit Awards. These applications extend for the period of January 1, 1969 to January 1, 1970. They must be completed and returned to Gail Alexander, Midwest Education Chairman, 1113 West 4th St., Marion, Indiana 46952 not later than May 1. Be sure to check all spaces and add pictures, newspaper clippings, bulletin clippings, flyers, and anything that will help the committee to determine your activities. Do not send the application and other pages in a heavy binder.

NOTE TO INDIVIDUAL MEMBERS

The Midwest Federation has increased dues for individual members to \$5 for 1970. This was done because such members are receiving a service that costs the Federation more than they were paying. If you have not sent in your dues, please do so and remember the new figure.

RECENT ADDITIONS TO THE MWF LIBRARY PROGRAM SERVICE

Our MWF Program Chairman, Mary Anderson, reminds us of a number of recent additions to the Federation's Library Program Service. All of these programs are available for immediate booking by clubs. When you order, ask for the program by name, give a choice of dates, and send you request to Mary Anderson, Route 3 - Box 241-E, Kokomo, Indiana 46901. Be sure to include the complete address to which you want the program sent... and don't forget your zip code.

"CARVING A JADE BOWL" - The first of the 1970 programs, made and donated by Mr. and Mrs. Warren Hatch of Belleville, Mich. and reproduced in color by the Huron Hills Lapidary and Minerals Club, Inc., is an exciting story of the making of a jade bowl from a 17 pound piece of jade. Everything is there from the study of the block of jade to how it was used right down to the polished bowl itself. Especially attractive to those who like to make their own tools. However, it gets to the hearts of all with the addition of the carving of a pair of oxen and last, but by no means least, a darling boat made by Mrs. Hatch. It's a lovely program which all will enjoy.

"SILVERSMITHING" - Donated and made by the Minnesota Mineral Club of Minneapolis, Minn. This fine program has been highly commented on, especially by those desiring to start silversmithing. In fact, several of our clubs have said their first project would be the making of a pickle fork because this program starts with the tools needed and ends with the finished project, showing each step of the way.

"SOUTH DAKOTA FIELD TRIPS" - This program made by the Zeitners and several other couples in the Murdo circle of host clubs and donated by them reviews the areas hunted during the Field Trip Convention held in Murdo, S.D. in 1969. Not only is it a fine review but is equally as good as a winter field trip or a remembrance of the excitement of the convention.

* * * * *

There are many new Program Chairmen in office. Congratulations... you have a very important job to do for your club.

Remember that one club sometimes depends upon another club for their program, so be sure to read all the enclosures in she shipping carton and then follow these instructions. At this time of year when chairmen are trying to set up their programs for the rest of their term bookings are extremely heavy making it often times necessary for the Library to ask you to send a program directly to another club. If enclosed instructions ask you to mail the program to another club, please do not mail it back to the Library. Insure it and mail it out the day following your use as per the instructions. Another club is depending on you!

MOON ROCKS WILL BE ON DISPLAY

at the South Dakota State Gem and Mineral Show on April 18-19 hosted by the Sioux Empire Gem Society of Sioux Falls, S.D. Display was arranged thru help of Gov. Frank Farrar.

AFMS SCHOLARSHIP FOUNDATION AWARD WINNER FOR 1970 NAMED

Dr. Carey Croneis, Chancellor, Rice University, Houston, Texas, has been voted the American Federation of Mineralogical Societies Scholarship Foundation Award for 1970. The Federation which has some 60,000 members, presents this award annually for outstanding achievement in the field of earth science.

Dr. Croneis has been associated with Rice University since the middle 50's where his influence in earth science matters is far reaching. He holds degrees from Denison University, the University of Kansas, and Harvard University, and has been awarded numerous honorary degrees and medals; his record as educator and administrator from the early 20's to date is truly impressive.

As geologist, educator and administrator, he has given the benefit of his help to many organizations as director, chairman of the board, or president as well as in other executive and advisory capacities. He is the author of "Paleozoic Geology of Arkansas, Down to Earth" (with W. C. Krumbein), and of numerous scientific articles and reviews.

In behalf of the Foundation, he will select schools that will receive grants from the Foundation, in his name, to assist five graduate students for two years each, in pursuing their work toward a master's or doctor's degree in any of the earth science subjects. The Foundation is proud, indeed, to be able to present this award to Dr. Croneis. - W.H. deNeui, President, AFMS Scholarship Foundation.

19 CLUBS INCREASE THEIR SCHOLARSHIP STANDING

-reported by Katharine Steinbrenner

100%

Fairview Park Lapidary Society, Fairview Park, O.
The Roamin Club, Livonia, Mich.

200%

Lincoln Orbit Earth Science Society, Springfield, Ill.
White River Gem Society, Anderson, Ind.
Wisconsin Geological Society, Milwaukee, Wis.

300%

Blackhawk Rock Club, Rockford, Ill.
Blue Ridge Gem and Mineral Society, Raytown, Mo.
Indian Mounds Rock and Mineral Club, Wyoming, Mich.
Richland Lithic and Lapidary Society, Mansfield, O.
Rock Exchange Club, Plymouth, Mich.
Fulton County Rockhounds, Canton, Ill.

400%

Central Illinois Rockhounds, Decatur, Ill.
Grant Geological Society, Marion, Ind.
Show-Me Rockhounds, Kansas City, Mo.

500%

Duneland Rock Club, Gary, Ind.
East Ohio Lapidary Club, Warren, O.
Midwest Mineralogical and Lapidary Society of Dearborn, Mich.

700%

Des Moines Lapidary Society, Des Moines, Ia.

1100%

West Suburban Lapidary Society, Elmhurst, Ill.

A FOSSIL STORY

Last November we went to southern Indiana on a trip to look for fossils.

We had good luck in finding crinoids, also some other fossils such as blastoids, archimedes, lithostrotionella, allorisma, crinoid plates, some horn coral and a few brachiopods.

But one fossil that William found was special. We did not notice it until we got home and I was washing our finds. I had it in hot soapy water and was scrubbing it with a brush.

So William took this special fossil and put it ⁱⁿ a plastic box. The next time we went to Jackson to see Walter and Jenny McCartney we took it along and looked at it under her new microscope.

They decided it was not so old, so Jenny said we should keep it in a box covered. It might hatch.

The box sat on the shelf for two months or so. Then in January we had fifty small babies -- Praying Mantis.

We kept them in that box a day and then took them over to the Kribs in Corunna and called Clark Jackson. He is the science teacher in the Ovosso Junior High School.

He took them home and put them in a large glass container and fed them. They grew very fast. Then about a week later they began to die. Mr. Jackson did everything he could but he could not save any of them.

This could all have been avoided if I had looked in the insect book. It shows a perfect picture of a praying mantis cocoon.

William and Bessie Rogers

P. S. You never know what you will find when you are hunting fossils.

With vacation trips not too far distant, some of the travellers may welcome this tip on coping with that western pest, the tick. Fran Thompson says that their family tried every remedy, finally deciding that the best thing to do was try dusting, or powdered sulphur around the neckline, waistline, wrists, and ankles. This worked fairly well as the ticks seem to be allergic to sulphur.

However, some rockhounds suggested another and very potent remedy. This was Sulphur and Cream of Tartar lozenges, now put out by McKesson Company. These proved very effective on a three-day trip into tick country, keeping even the shaggy dog free of ticks.

The lozenges cost 60¢ per 100 lozenges in an old-fashioned drug store. The new ones are orange flavored, but the old ones did not taste bad. Three a day were sufficient for the Thompsons, although the directions suggest more. Too many may cause the "trots."

Fran Thompson via THE ROCK ROLLER, via MICHIGAN GEO. NEWS

Are you eligible for Life Membership?

If you were born in 1900 or earlier, and have paid dues to CML & MS for the past three consecutive years, you are. Please notify the secretary this month if you qualify, since birthdates are not given on all applications, and we don't want to overlook anyone who should receive this honor.

COMING UP

April 10..... Geology Study Group, Delhi Town Hall, Holt. 7:30 p.m.
 April 11.....Paleontology Study Group, Wilcox', 219 S. Eighth, Lansing, 7:30 p.m.
 April 16.....General Meeting, St. Stephen Church, 7:30 p.m.
 April 17-19.....Jackson Show, Jackson National Guard Armory, 100 Armory Ct., Jackson.
 April 26Trip to Cranbrook Institute, Bloomfield Hills.
 May 7.....Board Meeting at Rogers', Marshall Road, St. Johns.
 May 16-17.....Kalamazoo Rockarama, Fairgrounds County Center Bldg., Kalamazoo.

ROCKHOUND NEWS
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TIME VALUE

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