


CEDAR VALLEY
GEMS
ROCKS & MINERALS SOCIETY



The logo is a circular emblem with a double-line border. Inside the inner circle, a person wearing a checkered hat and a long-sleeved shirt is shown in profile, looking through a magnifying glass at a large, irregular rock specimen. The text "CEDAR VALLEY" is arched across the top of the inner circle, and "ROCKS & MINERALS SOCIETY" is arched across the bottom. The word "GEMS" is written vertically on the right side of the outer circle.

OCT 1979

CEDAR RAPIDS, IOWA



CEDAR VALLEY ROCKS AND MINERALS SOCIETY

CEDAR RAPIDS, IOWA

This corporation is organized for the purpose of studying the earth sciences of mineralogy, geology, and the arts of lapidary and Gemology. We were organized on June 12, 1951, incorporated on June 21, 1956, as a non-profit organization.

OFFICERS

President	Jack Bevauns	2011 Northgate Dr. N.E.	Cedar Rapids, IA	365-9365
Vice Pres.	Roger Dabler	6102 Underwood Ave. S.W.	Cedar Rapids, IA	396-3406
Secretary	Helen Troxel	1138 Prairie Dr. N.E.	Cedar Rapids, IA	365-3451
Treasurer	Marian Peters	1475 - 24th Street	Marion, IA	377-2839
Liaison	Fran Bates	2739 - 2nd Ave. S.E.	Cedar Rapids, IA	366-6012
Editor	Leslie Blin	505 - 5th Avenue	Marion, IA	377-3339

BOARD MEMBERS

Term ends:

Dec. 1979	Don Bates	2739 - 2nd Ave.	Cedar Rapids, IA	366-6012
Dec. 1980	Skinny Lutz	Wiley Blvd & Rogers Rd. N.W.	Cedar Rapids, IA	396-6194
Dec. 1981	Helen Shedenhelm	2111 Chandler St. S.W.	Cedar Rapids, IA	365-3089
Immed. Past Pres.	Larry DeSotel	247 Sussex Dr. N.E.	Cedar Rapids, IA	377-1641

COMMITTEE CHAIRPERSONS

Membership	Mary Dickens	531 - 30th St. S.E.	Cedar Rapids, IA	363-7693
Hospitality	Rosie Richardson	Route 1	Ely, IA	848-4040
Telephone/Publicity & Sunshine	Jackie Steiner	4406 Walker St. N.E.	Cedar Rapids, IA	393-4152
Display	Don Bates	2739 - 2nd Ave.	Cedar Rapids, IA	366-6012
Supply	Craig Simmons	2501 Falbrook Dr. N.E.	Cedar Rapids, IA	393-0444
Librarian	Edith & Jeff Nekola	800 - 25th St. N.E.	Cedar Rapids, IA	363-9792
Historian	Alice Brown	360 Tonga Dr.	Hiawatha, IA	393-7193
Field Trips	Rick Austin	440 - 10th St.	Marion, IA	377-4741
Property	Skinny Lutz	Wiley Blvd & Rogers Rd. N.W.	Cedar Rapids, IA	396-6194
Resource Materials	Leslie Blin, Gladys Zobac & Jeff Nekola			
Pebble Pups	Sponsored by Club Members			
Bulletin Staff:				
Editor	Leslie Blin	505 - 5th Avenue	Marion, IA	377-3339
Co-Editor	Gladys Zobac	2101 - 0 Ave. N.W.	Cedar Rapids, IA	396-0210
Illustrator	Pat Blin	505 - 5th Avenue	Marion, IA	377-3339
Printing	Robert, Bobby, & Mike Blin	505 - 5th Avenue	Marion, IA	377-3339
Assembling & Mailing	The Blins, Jeff Nekola, Gladys Zobac and club members			

MEMBERS are requested to contribute articles to be published in the bulletin. Articles should be given to the Editor or Co-Editor by the FIRST of the month to be in that month's bulletin. Articles may be reprinted if credit is given the author and the bulletin.

CLUB MEETINGS: Third Wednesday of each month except June, July & August (we have picnics at parks) and December (2nd Saturday night is our Christmas Potluck and Party).
7:30 PM at Linn County Rural Electric Cooperative Building at 999 - 35th St., Marion, Iowa.

BOARD MEETINGS: Fourth Wednesday of each month except June, July & August.
At place announced by the President. 7:30 PM.

CLUB DUES: Due and payable January 1 of each year. Deadline if March 1.
REGULAR MEMBERSHIP - \$6.00 per adult couple; \$4.00 per single adult; \$6.00 per family membership
JUNIOR or PEBBLE PUP - \$3.00 (a member under 18 years of age)
ASSOCIATE MEMBERSHIP - \$4.00 per family (associate members will receive the club bulletins but may not vote or hold office).
Persons joining during the year will pay dues to the nearest quarter.



OCTOBER MEETING

Wednesday, Oct. 17, 7:00 PM

REC building in Marion

Program-- "Natural Dangers of the Earth" by Professor Garvin of Cornell College. (the program will start at 7:00 pm. Don't forget!)

BUSINESS meeting- Election for President and Vice-President (see the nominating committee report)

Board meeting- The Board voted to try having the Board meetings immediately following the regular meetings on the 3rd Wed. All members are welcome to attend, you'll already be there for the regular meetings.

HOSTS --The list has been LOST!! If you signed the list last month to bring cookies this month please do so. Remember, this means plus bringing cookies, you are HOSTS for the evening. Come early, set up, help make drinks, stay and clean up afterward & lock up. If you can't that evening find someone to take your place. (If you have the list, see that Ora Mae gets it)

DISPLAY TABLE- The "Gem of the Month" is Opal. This is the birthstone for October, lets all bring opal specimens or jewelry or something pertaining to opal. Is opal found in IOWA? Also bring any other bragging material you'd like.

OCTOBER EVENT- Sunday, October 28 -9:00 am til 6:00 pm
Marion Community Center, 7th St. & 10th Ave., Marion, Iowa

Old Fashioned Swapping of Rocks And (NO SELLING)

Rockhounds Rendezvous

Come join your friends for a day of visiting and fun. We'll have a POTLUCK at 1:00 pm (No cookstove, but electrical outlets), COFFEE free all day, SLIDE PROGRAMS will be presented in one room, we have reserved the gym and two classrooms so will have plenty of room for all. Bring a friend, your rocks, some food, your tall tales, vacation pictures and come join the fun! Bring your swap tables, there are some tables but maybe not enough. For more information call Roger Dabler -396-3406 Eastern Iowa clubs have been sent invitations. (Exchange Editors----- Consider this an invitation if you haven't recieved one yet, please announce it at your meetings.)

ALL ROCKHOUNDS WELCOME!

SECRETARYS REPORT- SEPTEMBER MEETING

The regular meeting of the Cedar Valley Rocks and Mineral Society was called to order on September 19, 1979 at 7:30 P.M. in the Marion REC Building by Roger Dabler, Acting President. The Secretary's minutes of the called special Board meeting on Sept. 12 were read and approved.

The Treasurer's report was read and approved. The profit from the Show was given as \$276.31 with one bill absent .

A discussion about possible field trips the first weekend of October accured. Jeff Nekola suggested a trip to Phetteplace Museum in Wauzeka, Wisconsin, and Helen Shadenheim mentioned a possible invitation to join the Iowa City Club for a joint field trip to Braidwood and Coal City, Illinois, to hunt fossils. 12 members indicated interest in Phetteplace. Jim Dickens suggested that when more information from Jeff or Helen is obtained that members be called.

Larry moved, it was second and carried that the Treasurer pay the MWF the final payment of \$189.54. This is half of the money left in escrow after the accountants bill was paid.

Don Bates was unanimously elected as Show Chairman. He asked for \$200.00 deposit to secure Hawkeye Downs for April 13-14 weekend, 1980. So voted.

With Leslie Blin leading the discussion, it was decided to hold an "Old Fashioned Swap" at the Marion Community Center on Sunday, October 28th. This will be a potluck meeting with NO SELLING allowed. The Iowa City Club will be invited.

The All American Merit Award trophy from AFMS was presented to our club for "outstanding service to the community". Fran Bates had coordinated and submitted the Club's list of achievements.

Jeff Nekola recieved 7th place award from AFMS and 3rd place award from MWF contests for an article he wrote in Sept. 1978, entitled "Cedar Rapids, Rockhounds Paradise", for the newsletter. Article submitted for competition by newsletter editor, Leslie Blin.

After adequate discussion, Don Bates moved that Board meetings be held on the same night as the regular meeting, a thought coming from the last Board meeting. The purpose is to shorten club business meetings, to make Board meetings easily accessible to all members, and to utilize only one calendar night per month for the Board meetings. It is hoped that the schedule might become somewhat like: Business meeting--7-7:30 Program--7:30-?; Board meeting and Social hour---following end of program

Jim Dickens amended the original motion to add the words " that this schedule be considered temporary until the By-laws could be properly ammended. Both the ammendment and motion passed with one desenting vote.

Roger Dabler resigned as Acting President with promise to appoint a nominating committee to obtain a new President and Vice-President.

The "Braggers" of Brag Night" were Larry DeSotel, Jeff Nekola, Babe Barnett, Don Bates, Alice Brown, Allen Weber, Wanda Derby, and Roger Dabler.

Respectfully submitted, Fran Bates, Acting Secretary

SECRETARY'S REPORT - SEPT. BOARD MEETING

The Board meeting of the Cedar Valley Rocks and Minerals Society was held on September 25, 1979, at the home of Roger Dabler, with Roger Dabler calling it to order at 7:45 P.M. Board members present were Roger Dabler, Leslie Blin, Skinny Lutz, Marian Peters, Don Bates, and other members present were Pat Dabler, Robert Blin, and Helen Lutz.

Alice Brown is resigning as Historian. Alberta Cray and Mary Dickens were suggested as possible replacements. It was also suggested that Helen Troxel might like to collect the information for "Merit Awards."

Neva Abernathy is new "Sunshine Chairman". Roger Dabler is nominee for President. Nominating Committee of Bill Myers, Skinny Lutz, and Mary Dickens suggested the following slate for Vice-President: Chuck Vyskocil, Jim Dickens and Rick Austin.

The last Show bill of \$478.53 for tables and fan has been paid. Roger is going to try to find a less expensive table rental for the 1980 Show.

Don Bates, Show Chairman, reported the following 1980 fees: at Hawkeye Downs-\$400.00 a day, \$100.00 move-in fee, and \$30.00 insurance for the entire Show. Gas and electricity will be additional.

Bills for \$46.66 for paper & fluid and \$19.50 for Stamps were submitted by the newsletter editor, Leslie Blin, and paid by the Treasurer.

A discussion occurred about the possibility of giving \$25.00 to Science Fair for general use rather than \$15.00 to first place and \$10.00 Second place Geology exhibits as in the past.

\$60.00 (at a rate of \$5.00/month, beginning Oct. '78) for land use for the club storage shed was paid to Skinny Lutz.

No definite plans are yet available about Phetteplace Museum trip.

October 28, 1979. Sunday. "Old-Fashioned Swap". NO EXCHANGE OF MONEY!! Don Bates moved, Skinny seconded, and it was passed unanimously that the gym and two other rooms be rented at the Marion Community Center, 700 10th Ave Marion, be rented. Swap will begin at 9:00AM, will have a potluck at 1:00 with coffee furnished, and end at 6:00 PM. Slides will be ordered from MWP library to show, and the following clubs will be sent invitations: Iowa City, Muscatine, Sumner, Waterloo, Davenport, and Dubuque.

The temporary schedule will be, on the third Wednesday of each month; regular meeting at 7:00 pm, with program to follow (unless we have an out-of-town guest which could make program at 7:00 pm) and Board meeting to follow that. All members are invited to attend all meetings.

A check was sent for \$189.54 to MWP. Four remaining "appreciation" checks to clubs that helped us on the 1978 Midwest Federation Show were belatedly placed in the mail.

The "Gem-of-the-Month" procedure begins in October. This will not necessarily be the birthstone of the month. Let the Editor know if you wish to select a "Gem-of-the-month".

Respectfully submitted,
Adjournment was moved at 9:00 pm. Passed. Pat Dabler, Acting Secretary

THE NOMINATING COMMITTEE REPORT:

The nominating committee wishes to nominate the following:

For President - Roger Dabler

For Vice-President - (vote for one) Chuck Vyskocil, Rick Austin, Jim Dickens.

We wish to remind you that nominations may be made from the floor at the meeting with the permission of the nominee.

Respectfully submitted,

Bill Myers

Skinny Lutz

Mary Dickens 10-3-79

TREASURERS REPORT-May, June & JulyDisbursements

Klingers (book for Sec. report)	\$25.24
A. Cray (calls & flyers)	6.30
L. Blin (postage)	25.35
L. Grove (folders for historical book & 3.00 refund for overpayment)	6.90
WMT-TV (advertising)	145.00
Lapidary Journal	19.40
M. Breen (tax forms preparation)	145.00
	<u>\$ 373.19</u>

Receipts

Blin & Zbac (sale of Pebble Pit rocks)	6.00
1979 dues, Johnson	6.00
" Stark	6.00
Lapidary Journal, H. Troxel	19.40
	<u>1983.21</u>
less disbursements	<u>373.19</u>
	<u>1610.02</u>

Submitted by Marian Peters, Treasurer

Wanted

-Someone to help type the newsletter the next couple of months until Gladys is able to type again. She will be the Exchange Bulletin Editor while she recovers. Please call me if you can help type. L. Blin-377-3339

HINT-To get a loss finish on tiger eye, polish once, dry the stone, then put a drop of vinegar on it. Leave a couple of minutes and then give it a second polish. Result should be the deep finish you want.

From THE NISNA VALLEY GRINGSTONE, via Stone Tablet, via Pick & Chisel

1979 SHOW REPORT--Submitted by Marian Peters, Treasurer

Disbursements

All Iowa Fair	\$922.80
Flyers	45.96
Postage	28.96
Blacklight & tablecover	186.46
Trophies	44.03
Advertising(Penny Saver)	72.00
Thompson(milage & motel)	60.96
Mastadon	200.00
Phetteplace	100.00
Myers(keys for case)	12.16
Tax	43.44
Food	48.56
Zobac(postage)	19.50
Exhibits(Wilders & Marek)	50.00
Buresh Rentals	478.53
Gazette	26.60
WMT	145.00
Shoemaker	37.50
	<u>\$2521.37</u>

Receipts

Dealers	\$850.00
Tickets	1369.50
Swap	18.40
Pebble Pit	78.47
10 % of sales	9.00
Blin,sale of Pebble	
Pit rocks	6.00
	<u>\$2331.37</u>
Total disbursements	\$2521.59
Total receipts	<u>2331.37</u>
Loss	\$ 190.22

ATTENTION: Lapidary Journal subscribers;

Treasurer Marian Peters wants to remind members of the increase in subscription price for the Lapidary Journal and ask that you send her your check for renewal 2 or 3 months in advance of your subscription expiring so you won't miss an issue. For those who do not know, you CAN subscribe to the Lapidary Journal thro the club at a discount by paying Treasurer Marian Peters, she has the discount price list.

ROCKS FOR SALE

Due to poor health Shaw's are disposing of: tiger-eye, rhodocrosite, Biggs jasper, lithostrotion colony coral, pink coral, agates, millerite, Iowa wood, findings, crushed colored glass, slabs and much more.
Reasonable prices.
Phone 377-2612.....885 West 10th Ave., Marion
(Editors P.S.- I left out amethyst in the above list)

CALENDAR OF EVENTS

- OCTOBER 20-21...SUMNER, IOWA (Show) Legion Hall, Northeast Iowa Rock Club. Sat. 10 til 6---Sunday 10 til 4
- October 20-21...Louisiana, Mo.(Show) Pike County Gem & Min. Society
- October 20, 9:30 AM...Bays Rock Shop- Public Sale, Little America, Ill.
- October 28, 9:00 AM til 6:00 PM ...Old Fashioned Swapping of Rocks & Rockhounds Rendezvous, Marion, Iowa, Comm. Center.
- November 10-11...Des Moines, Iowa (Show) Red Horse Armory, Des Moines Lapidary Society
- November 10-11...Madison, Wisc.(Show) Madison Lap. & Min. Club
- APRIL 13-14, 1980.....CEDAR RAPIDS, IOWA(Show) Hawkeye Downs

{ Don Bates,
Chairman

OPALS: October's Birthstone by Burl Ernst, from THE TULLY

Opals along with Pink Tourmaline are the two birthstones for the month of October. Since the Opal far out-ranks the tourmaline we will deal with the Opal now and perhaps write a separate article on tourmaline some other time.

Throughout the known history of the Opals they have at various times been considered good and then again evil. One of the most important reasons for it being considered evil even today, has been the fact it is not one of the easier stones to fashion, and even more difficult to set. It delights in cracking, crazing or chipping at the last minute. But to those who love it, it is still the most beautiful of stones with all it's faults.

Although Opals were known in Ancient times, they are almost never found in archaeological diggings because they tend to "dry out" crumbling to dust in time. However, these ancient civilizations thought the Opal a symbol of Hope and Purity and was able to protect it's wearer from disease. The two most widely known of the evils about Opal began in relative modern times. The first concerns two jewelers who were in competition with each other. One spread the rumor that his competitor's opals were evil, thereby hoping to capture the market for himself. So effective was his salesmanship that soon neither could sell their Opals. In 1829, Sir Walter Scott published a story, "Ann of Geierstein," that tells of an Enchanted Opal that she wore in her hair. When the Opal was sprinkled with Holy Water, it immediately lost its fire. She then became ill and was taken to her bed. The next morning when her servants called to awaken her all that was found of her remains was a small pile of ashes in the bed. The Empress Eugenie of France would have nothing to do with Opals after having read this story but the Queen of England, Victoria, thought the story sill and gave her daughters Opals as wedding gifts and no evil bothered them. In medieval times Opals were thought to give the wearer the power to become invisible. This would be quite a feat but this power to become invisible made the Opal become the Patron of Thieves.

The Smithsonian Institute has one of the largest known Opals in the world today. It is 2610 carats and is known as the Roebling Opal. It is a massive stone and comes from Nevada. On display also is the Roebling Black Opal from Nevada cut "en cabachon" and weighs over 355 carats. Recently in 1958, a 5½ pound Opal was found in the Andamooka mine that is about one half the finest quality Opal ever found.

Opals are classified by color: black, white or transparent or semi-transparent; by the size and shape of the fire or lack of it; as pin-fire, harlequin, flash fire and flame; by the hue of the play of the fire; peacock, gold, lechoso (green fire only), by the distribution of the areas showing a play of color; onyx, cat's eye, wood and agate and opalized bone.

Opals have been found in many countries in the world, perhaps the best known is Australia. Hungary, Mexico, Japan, New Zealand and Venezuela and due to the recent discoveries in the Virgin Valley area of the United States we are added to the list.

Once the Opal reaches the hands of the Lapidary, many things can be and are done with it. It can be carved, crushed for the floating Opal-

OPALS: (continued)

Made into a cabachon, made into doublet or triplet, left in matrix as with Mexican Opal, faceted and/or left alone as is for a specimen. This is the fascination of an Opal. This is what leads one to become known as an Opaholic. If you've tried any or all of these things there are still more things you can do with it. It can be dyed or sugered and burned with acid but best of all it can be enjoyed wheter you go hunting for it, work it up to a thing of beauty, wear it or do any or all of these things. You can pay as little or as much as you want to for the Opal and either way it will give you pleasure. For those who might still be inclined to feel that an Opal is "bad luck", those born in October are supposed to be exempt from all evil because it is their birthstone.

Opal as with any fine jewel and maybe a little more so, requires good care. It should NEVER, NEVER be worn when washing dishes. Detergents are the enemy of Opals. It allows them to dehydrate and since good gem quality Opal is close to ten per cent water it is readily understood that this causes the Opal to craze, lose its fire if a fire opal and dry out regardless of the type of Opal you have, Since the Opal is a soft stone (between $5\frac{1}{2}$ and $6\frac{1}{2}$ on the Moh's scale) it should not be worn when doing any work that would allow it to be banged or scrape. If you have worn an Opal long enough to notice that some of the polish had disappeared, by all means and at your earliest convenience, take it to your jeweler or Rockhound friend and have it repolished.

OPAL- hydrated silicon dioxide -- $\text{SiO}_2 + \text{H}_2\text{O}$ (in varying amounts)

The mineral opal never appears in crystals, since it is a colloid. Some varieties, such as the popular "precious opal," show a rich play of colors. This is believed to have been caused by tiny cracks formed during the drying of the mineral. The effect is something like the formation of colors by oil on water, or by thin soap bubbles.

Opal occurs in cavities or cracks in some igneous rocks; in ore veins; around hot springs; and in some clay beds. Its source is from water containing silica, from which it is precipitated by cooling.

"Precious opal" is the variety of opal which gives the beautiful play of colors. It is found in Hungary, Mexico, Honduras, Australia, and in the United States at Humbolt County, Nevada, and Latah County, Idaho.

"Fire Opal" is a semi-transparent orange to red opal found at Zimapan, Mexxxxico; the Faroe Islands; and Honduras.

"Common opal" is a translucent to opaque opal in a great variety of colors. It is called "milk opal" if it has a milky appearance; "wood opal" if it has formed in wood and petrified it. This common opal occurs in many localities. Precious, fire and wood opal are used as gems and ornamental stones.

"Hyalite" is a transparent variety that resembles drops of glass. It occurs in Hungary, and in Mexico. Small desosits are found in certain "trap rocks" in Connecticut and New Jersey.

"Geyselite" is light, porous opal deposited by hot springs. It is found----

OPAL- (continued)

in Iceland, New Zealand, and in Yellowstone Park.

"Diatomaceous earth" is a chalklike deposit composed of the skeletons of tiny plants. Diatomaceous earth is used in scouring powders, artificial fertilizer, as an absorbent of nitroglycerine in the manufacture of dynamite, as a heat insulating material, fire bricks, and furnace lining. Its absorbent and heat resistant properties make it a very useful mineral.

This information was taken from the COLLECTORS MINERALOGY MANUAL by THE PORTER CHEMICAL COMPANY.

HOW TO TAKE CARE OF YOUR OPAL,....AND OPAL JEWELRY

The opal is a fragile stone that can be damaged by extremes in temperature. Extreme cold can crack the stone or shrink it. Check the setting whenever you think that the stone has become chilled.

You should not wear your opal rings in direct, hot sunlight; this can crack opal, too. Do not wear opal around hot dishwater or around frozen foods. Opals are absorbent. If you expose them to dyes or dirt, they may absorb impurities and be ruined. They are soft stones and scratch easily. Opal contain water.

If opal dries out it loses its iridescence. One thing you can do is to give your stones a bath in a mixture of glycerine and water occasionally. This will prevent them from drying out and losing their fire.

An opal needs lot of care. If there ever was a true pet rock, it is the opal.

From ANTIQUÉ JEWELRY; A PRACTICAL GUIDE(Goldenberg) via Rock Box, From THE

JASPIILITE

WITH OUR MEMBERSGET WELL SOON!!!

Gladys Zobac is still "residing" in room 427 at St. Lukes Hospital. Recuperating slowly but has hopes of going home in a couple of weeks.

Ann Grisham is seriously ill in Mercy Hospital. Son Dave fell and broke his elbow, had it in a cast the last I heard.

Mel Abernathy spent 4 days in the hospital recently with leg pain. Had a cyst lanced on his back and his leg pains better, back hurts tho.

Sorry I missed mentioning that Vera Vyskocil was in the hospital this summer, we have sure been having a lot of ailing members.

Alice Brown has been laid up with a bad cold, and where is YOUR story about your operation Norm?

LATEST NEWS is that Gladys will be going home this weekend. I just talked with her and she is really happy, it will be 8 weeks Sat. that she has been in the hospital. I, V. for 45 days. Best wishes for a speedy recovery.

Midwest Federations NEWSLETTER

Published monthly except July and August as a service to member clubs. All news, articles, subscription orders and requests for information should be sent to the Editor, Haydon Peterson, Parrot Printing, 2125 Forest Ave., Des Moines, Iowa 50311

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October 1979 - Issue No. 179

I-80 to Lincoln in '80

It is not too soon to start planning for the next American Federation Show, which is also the Midwest Federation show, and will be hosted for the second time by the Lincoln Gem and Mineral Club, Inc. of Lincoln, Nebraska.

Well located near the center of the nation, Lincoln is the Capital of Nebraska and home of the University of Nebraska with its exceptional museum. The show will be held in the spacious new Bob Devaney Sports Center, and the elegant Nebraska Center has been chosen for meetings and special events.

The enthusiastic Lincoln members are already planning new educational and fun features for the big show including seminars and symposiums on all favorite aspects of the hobby. The Hall of States will be a highlight, along with displays from top museums, collectors, and artists. A swap area and an auction for the AFMS Scholarship fund are planned.

Demonstrations will include faceting, silversmithing, polishing, tumbling, wire work, sand pouring, fossil preparation, casting, glass blowing, micromounting, and all aspects of the hobby. Manufacturers will demonstrate the newest and best in equipment. A representative group of retail and wholesale dealers are being selected.

Slide programs, films and lectures will be by well known writers, curators, field collectors, educators, importers and artists. Committees are already planning special events such as the awards banquet.

Show Chairman, Howard Taylor, says that several excellent surprises will be in store for visitors to the show, which is scheduled for June 12-15.

Plenty of nearby camping space is available, and there are many fine motels conveniently located to the show building. Lincoln is served by Amtrak, by major airlines, and by America's popular super highway, Interstate 80.

YOUR SUPPORT IS NEEDED

Midwest State Director for Wisconsin, Bill Parch, announced at Columbus, that an amendment has been introduced to the Federal Mine Safety and Health Act. The MSHA of 1977 has cut off most of the gravel and stone quarries to our members, adversely affecting our entire hobby. The amendment, "H.R. 1603", if passed would exempt stone, sand and gravel operations from provisions of MSHA, which was originally to have been only for coal mines and underground mines. Several quarries have asked for our support of the amendment.

Backed by a large number of Congressional sponsors, from many states, the amendment might restore our collecting privileges. Everyone interested in field trips should write his congressmen supporting this amendment. (Families and friends should write too.) Individual letters should be polite and limited to the one subject. The more letters we send, the better our chance of reversing this legislation which has restricted our activities.

MIDWEST AND OHIO CLUB WIN AFMS AWARDS IN TAMPA

At the National Show in Tampa special awards were given for the society and for the Federation which had the most competitive displays, with the exception of the host Eastern Federation.

The Midwest Federation won the American Federation's \$100 award for the most competitive displays and the Roehm Geology Club, Berea, Ohio won the \$100 award for having the most

4 CLUBS ADVANCE IN SCHOLARSHIP STANDINGS

By Katharine Steinbrenner, Scholarship Chairman

During the month following the beautiful and successful Columbus Show and Convention last July, almost \$500 has been contributed to the Scholarship Foundation from ten Midwest Federation Clubs. Through their generous checks the following clubs have advanced their Scholarship Status:

Peru Rocks and Minerals Club 3100%, McDonnell-Douglas Gem & Mineral Society 600%, Lapeer County Gem & Mineral Society 600%, Little Crow Lapidary and Mineral Society 100%

At the Council Meeting in Columbus it was decided to have our second Scholarship Auction at the Midwest-National Show in 1980 in Lincoln, Nebraska. More details on this will be given at a later date. It is not too early to put aside specimens, cabachons or jewelry for your club to bring to this auction. It is an easy way for your club to advance their Scholarship Status.

displays from a single club.

At Columbus, Ohio during the Midwest Show and Convention, the Board of Directors of the Midwest voted to give the Midwest's \$100 award to the Roehm Geology Club since it was thru their efforts that the Midwest had received their \$100 award.

The Roehm Geology Club has advised the Midwest that they will use the \$200 toward the purchase of a microscope.

**SAFETY IS NO ACCIDENT....
DRIVE WITH CARE EVERYWHERE**

CALENDAR OF EVENTS NEEDED EARLY AS POSSIBLE

Because the MWF Directory is distributed early in March the Calendar of Events should contain listings from March 1980 through AT LEAST March 1981. We are glad to list your club's show, swap, auction, field trip or other event. Because we want the 1980-81 Calendar to be as complete as possible, we ask your help now. As soon as your dates are set, let us know the following:

Event (if show, competitive or non-competitive displays?), Dates (Time to meet, if trip), Place, and Chairman or person to contact for further information.

If your event is scheduled for January through April, give us the 1981 information too. If the exact date isn't known, but the event is generally at the same time each year, something like "early March" or "usually 3rd weekend in February" can be used.

Send your dates directly to Diane Dare, Directory Chairman, 747 E. Blackford Ave., Evansville, IN 47713, or Calendar Chairman, Elsie Popejoy, 410 Grant St., Normal, IL 61761.

MIDWEST NOW HAS OFFICIAL MAGAZINE

At the Council Meeting at Columbus a unanimous vote made "Rocks and Minerals" the official magazine of the Midwest Federation. Published in Washington D.C. by Heldref Publications, the magazine, founded by Peter Vodac over 50 years ago, is also the official magazine of the Eastern Federation.

Marie Huizing of Cincinnati is Managing Editor and is assisted by an impressive staff of executive and contributing editors. The by-monthly magazine has feature articles about minerals, rocks, fossils, gems and geology, and regular features such as mineral localities. Subscriptions are \$10.00 per year. The address is 4000 Albemarle St., N.W., Washington, D.C. 20016.

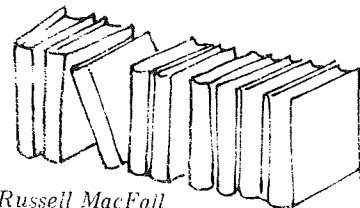
Previously the Midwest Federation was represented by the "Earth Science Magazine", published by ESCONI Associates of the Chicago area, with Mary Cornwell as Editor. However several years ago the affiliation was dropped when Dr. Richard Pearl purchased the magazine and moved it headquarters to Colorado Springs. Dr. Ben Hur Wilson founder of the Midwest Federation and it's honorary president was once Editor of "Earth Science".

Marie plans a special Official Show Issue for the Midwest-American Federation show and convention at Lincoln, Nebraska next summer. Rocks and Minerals was represented by a booth at the show at Columbus, and Mrs. Huizing appeared at meetings to answer questions. The Midwest looks forward to a long and useful affiliation with "Rocks and Minerals".

OPERATIONS MANUAL

The new Operations Manual for the Executive Committee of the Midwest Federation has been completed and is being distributed by mail to Officers, Committee Chairmen and State Directors and assistants who did not get their copies at the meeting in Columbus. Clubs which have any questions about operations procedures, such as bidding for shows, for example, should see their State Directors or Assistant for their club. The President of a society may write for a copy for his club if desired. They are available through the Director of Supplies. Copies are considered Federation property and not individual property and so are passed on to new officers, chairmen, directors, and appropriate permanent club officials if the club has a copy.

BOOKS



By Russell MacFall

This occasional column in the Newsletter has been reviewing books about minerals for some time; perhaps it is time now to get it out of the rut. So it will mention this time Francis E. Wylie's **Tides and the Pull of the Moon**, published by the Stephen Greene Press of Brattleboro, Vt.

Most of us know less about the oceans and their tides than about any other aspect of physical geology. Yet these forces, powered by the attraction of the moon and sun, have a complex and major influence on life on this planet. Wylie explains the vocabulary of the science in his preliminary chapters, then gives a detailed account of the causes of the coastal storms that have ravaged the continent periodically, the nature of tsunamis, often called tidal waves, and the little-known pull of the moon and sun on the body of the earth itself and its atmosphere.

In later chapters he studies the influence of tides on marine life, the fish and shellfish; the tides that baffled Caesar's invasion of Britain and were a major problem in planning the invasion of France in World War II. Finally he speaks about tidal power and its problematical future.

So far as this reviewer knows, no one has brought these subjects to the laymen as well as Wylie. He was well prepared for the task as a former Time and Life magazine correspondent and later public relations director for Massachusetts Institute of Technology. He is a coastal dweller at Hingham, Mass. The book has 246 pages and the price is \$12.95.

A small pamphlet on rocks and minerals of Minnesota may be had from the Minnesota Department of Economic Development, 480 Cedar St., St. Paul, Minn. 55101. It is free.

HEART ATTACK FATAL TO OHIO ASSISTANT STATE DIRECTOR

J. Robert "Bob" Little, one of our Assistant State Directors for Ohio died of a heart attack suffered August 25. He was a member of the Licking County Rock and Mineral Society of Newark, Ohio.

LEARN AS YOU COLLECT

By Jack La Fleur

President, Golden Spike Gem and Mineral, Ogden, Utah

Mineral identification (especially to new members) has long been a problem. In my book though, to be a successful rockhound, you don't have to know the names of all rocks. You only need to know and identify the rocks you come in contact with, or plan to use or acquire. This certainly narrows it down. In other words, if you like a certain rock and want to acquire it, first find out what it is and where it comes from, and just a bit about its make up, such as color, hardness and cleavage or chipping characteristics. This way, you will not forget its essentials. If you pick up a strange rock, apply the same treatment. You're simply building a mineral vocabulary as you go along. As time goes by, you not only will know what every rock is in your possession, but you will also know how to treat them and what you can do with them. Soon, the problem of identification will disappear because you will have learned as you go.

WORD FROM THE PRESIDENT - Russell Kemp, June 1979 AFMS Newsletter

The late Ellis Courter, who passed away on March 22, 1979 after a lingering illness, will be long remembered for his years of devoted service. He was past President of the MWF and had many years of service with the AFMS before he became its President. He will also be remembered for his untiring efforts in behalf of the AFMS Scholarship Foundation for his years of devotion as Treasurer. People like Ellis are hard to find and even harder to replace.

In his Word From the President column of the AFMS Newsletter for March, 1979, he said it all when it came to his philosophy on public relations and dealing with people and out of respect to Ellis and the hope that we can live up to his expectations we have asked Hayden Peterson to reprint Ellis' words of March, 1979.

One of the areas in which the AFMS has long been involved is that of Public Relations which has to do with the public image of our many clubs and the multitudes of people of which they are composed. In general, this is working to create and maintain a favorable impression of the people in the hobby in the eyes of other people, basically, the general public.

There is, however, a very important aspect about our relations with other people that sometimes gets overlooked -and this, whether they are members of our own hobby, some other group, or just part of the public at large. For the want of a better name, let's simply call this thing "people relations", because it involves how individuals affect one another and what they can do for each other.

For instance, did you ever wonder what it is that makes people click? Why some are successful, some happy, some so enjoyable to have around? Do the successful people you know actually have more knowledge or more skill than others? Are the happiest people who seemingly get the most fun out of life, smarter than other people you know? Well, this could be, but more likely it's simply because they have found a "way with other people" and are making the best use of the philosophy of "people relations".

A most delightful thing is that every human being has been endowed with an endless amount of people relations. The great tragedy is that far too many hoard this wealth. They dole it out sparingly and sometimes not at all, or worse yet, may not even be aware that they possess such a thing.

Whether we realize it or not, the common denominator to all success and happiness is other people. Other people just have to be taken into account. It has been fairly well established through various social studies that the person who has learned how to get along with others and how to deal and associate with them has found the key to success and happiness. And likely it all began he discovered how to give other people something they needed in return for things he wanted.

Probably the most universal hunger in every human is the desire to be wanted, to be noticed, to be made to feel important. And perhaps the nicest thing about it all is that within each of us is contained the power to instill within other people this feeling of personal worth, so that they will feel appreciated and accepted.

But, you may ask, how can this be done? Again, it's relatively simple if only you will be objective about it. It can be done by setting in motion the ten commandments for good people relations. Let me list them for you.

(continued on page 10).....

1. Speak to people
2. Be sincerely cordial
3. Smile at people
4. Call people by their first names
5. Be friendly and helpful

6. Be genuinely interested in people
7. Consider the feelings of others
8. Be alert to render a service
9. Respect the opinions of others
10. Praise generously; criticize cautiously

If you endeavor to live by these simple philosophies, you will be amazed at the changes they will bring about. Endeavor to keep in mind that if you want to make a good impression on the other fellow, the best way to do it is to let that person know that you are impressed with him. Do this and he in turn will judge you as one of the smartest and most personable individuals he has ever met.

Try this philosophy of "people relations" the next time you step out into the world, whether it be at your next mineral meeting, at work, at church, or wherever. You could be surprised by what it can do for you and the world about you.

ROCKHOUND ROULETTE-is similar to Russian Roulette. A person, not wearing safety glasses, takes a rock, places it on another, then swings with a hammer, at the same time squinting the eyes and turning the head. If the player does not inflict self-injury, he/she may continue hitting the rocks until such injury is inflicted. This may be the next swing, or may not be for ten thousand - - that's what makes it so thrilling, never knowing from what moment one will see with only one eye, or maybe not see at all. **DON'T PLAY ROCKHOUND ROULETTE!! MAKE SAFETY A HABIT!!**
 From THE ACHATES, via TEMPLATE

Don't forget the 28th Ladies, Robert, Pat, Jeff, Mike &

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