

FREDERICK C. NIEBAUER
174 E. Cleveland Road
South Bend, Indiana 46637

FIRST CLASS MAIL

THE ROCKFINDER

MAR - 1978



MICHIANA ROCK AND GEM CLUB, INC.
1978 BOARD OF DIRECTORS

President....	James F. Russell	27911 North St., No. Liberty, Ind.	46554
Vice Pres....	Merl Lechlitrer	1433 L.W.E., Mishawaka, Ind.	46544
Secretary....	Betty Jordan	16705 Eisenhower St., Mishawaka, Ind.	46544
Treasurer....	Christine Shoemaker	17650 Briarcliff Ct., So. Bend, Ind.	46635
Liaison.....	Molly Elwell	105 No. Ironwood Dr., So. Bend, Ind.	46615
Past Pres....	George E. Kelsheimer	19137 Dresden Dr., So. Bend, Ind.	46637

COMMITTEE CHAIRMEN

Program.....	Merl Lechlitrer	1433 L.W.E., Michawaka, Ind.	46544
Hospitality..	Kathy Miller	1106 Clayton Dr., So. Bend, Ind.	46614
	Catherine & Larry McHugh	130 So. Holiday Dr., So. Bend, Ind.	46615
Education....	Margaret & Bob Heinek	Box 152, New Carlisle, Ind.	46552
Librarian....	George Kelsheimer	19137 Dresden Drive, So. Bend, Ind.	46637
Historian....	Bess Wise	1513 Clarendon Ave., Niles, Mich.	49120
Field Trips..	Dewey Hassler	R. R. #3, Plymouth, Ind.	46563
Safety.....	Clifford Schryver	201 Indiana Ave., Mishawaka, Ind.	46544
Sunshine.....	Pauline Kelsheimer	19137 Dresden Dr., So. Bend, Ind.	46637
Scholarship..	Catherine Grayckowski	1111 No. Huey St., So. Bend, Ind.	46628
Displays.....	Bob Miller	1106 Clayton Dr., So. Bend, Ind.	46614
Publicity....	Sherry Russell	27911 North Street, No. Liberty, Ind.	46554
Membership...	Jesse Jordan	16705 Eisenhower St., Mishawaka, Ind.	46544
Junior Activities...	Joe Charles	26863 New Road, North Liberty, Ind.	46554
	Germaine Lifke	620 E. Marion St., Mishawaka, Ind.	46544

THE MICHIANA ROCK AND GEM CLUB, INC., a non-profit organization, is affiliated with the MIDWEST FEDERATION OF MINERALOGICAL & GEOLOGICAL SOCIETIES and with the AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES.

REGULAR MEETINGS

TIME: 2:00 P.M.	PLACE: Nature Center
Fourth Sunday of Each Month	Rum Village Park
June - Field Trip Meeting	2626 So. Gertrude Street
July - No Meeting	South Bend, Indiana
August - Annual Picnic	

DUES

Individual - \$3.00 per year Family - \$5.00 per year Junior - \$0.50 per year

ROCKFINDER STAFF

Editor.....	Fred Niebauer	174 E. Cleveland Rd., So. Bend, Ind.	46637
Asst. Editor....	Sherry Russell	27911 North Street, No. Liberty, Ind.	46554
Staff Members...	Club Members		

All contributions for publication should be in the hands of the editor by the 5th of each month of publication.
Permission is hereby granted to reprint, at any time, items published in the ROCKFINDER, provided due recognition is given.

THE ROCKFINDER

Volume 18
Published by Michiana Rock and Gem Club, Inc.

Number 3

March 1978
South Bend, Indiana

Regular Meeting:

THE REGULAR MONTHLY MEETING FOR MARCH HAS BEEN CANCELLED DUE TO THE ENERGY CRISIS AND EASTER SUNDAY.

The next regular meeting will be Sunday, April 23, 1978, at the Rum Village Nature Center, South Bend, Indiana, providing the energy crisis permits. (Further details in the April Rockfinder.)

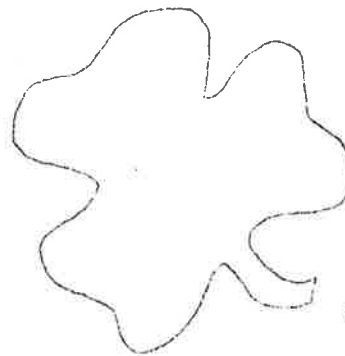
Educational Meetings:

Due to the energy crisis, the First Bank has informed us that all extra activities at the bank have been cancelled until further notice. Therefore, we are cancelling the educational meetings for the second and fourth Fridays of March and the second Friday of April. If possible, we will have an educational meeting the fourth Friday of April. Details for the fourth Friday of April will be printed in the April Rockfinder.

Welcome New Members

We would like to welcome the following new members to our club:

Mrs. Mildred Thompson
Raymond & Francena Ferris
Robert Luster
Ginger L. Schrader
Tabitha Schrader
Danielle Schrader



HAPPY
EASTER

AND



HAPPY
ST. PATRICK'S
DAY

Calendar of Events:

- March 29 - Indian Mounds Rock & Mineral Club Show,
April 1 Grand Rapids, Michigan
Eastbrook Mall
- April 1-2 Duneland Rock Club,
Lake County Fair
Grounds, Crown Point, Ind
- April 1-2 Peru Rock & Mineral
Show, Peru Junior High
School, Peru, Indiana
- April 14-16 Michigan Gem & Mineral
Society, National Guard
Armory, Jackson, Mich.
- Aug. 10-13 MWF Show & Convention
Cedar Rapids, Iowa
- Sept. 9-10 Michiana Rock & Gem
Club's Fantasy of Gems,
4-H Fairgrounds, South
Bend, Indiana

FROM YOUR ROCKY LEADER,

A Happy Easter to all you Rock Hounds from all the Board Members and their families.

The Board is sorry that the meeting had to be cancelled for this month. We worked very hard trying to locate a place to meet, but with energy problems and Easter Sunday, it was impossible.

Along with cancelling our meeting, another problem came up regarding the selection of our Show theme. As you will recall in my last message, it was stated that we would vote on the theme for the Show in March. At the Board meeting held this month with all Board members present, it was decided to select the Show theme by the Board. The reason for doing it in this manner was that the Board felt that we should get our Show fliers out to other clubs in early April and not wait till May. There was a total of 28 Show themes submitted. Of that number, 7 names were selected by secret vote. A second secret vote was taken and one name was selected. I might say that this was a very difficult task as all 28 Show themes were great. I take great pleasure in announcing that our Show theme for 1978 is "Fantasy of Gems," submitted by Carlton and Doris Fletcher.

In regard to our 1978 Show, the Board has agreed on a change in our admission to the Show. We will now be charging \$1.00 for adults, 50¢ for children 6-16 and under 6 free. We feel that this is only fair and with the planned move to Notre Dame for 1979, we must raise the fees at this time.

We will be adding a new booth or should we say expanding the kiddies corner at our Show this year. With the creative thinking of Kathy and Bob Miller, we will be having a sand box in addition to the kiddies wheel. Now, don't get the wrong idea, it's not the type you sit and play in. The sand box will be set up with sand and in the sand will be rocks, gems and minerals. A scoop

FROM YOUR ROCKY LEADER (CON'T)

will be used by the customer, dumped into a screen, letting the sand fall back into the box, and whatever stays in the screen is theirs. I think this will be a lot of fun for one and all. Of course, a small fee will be charged. If you have any material that you can donate for grab bags, silent auction, kiddies wheel and sand box, give me a call and I will pick up the material or bring it to our meetings. We would like to get started putting things together early this year so that we don't have to do everything at the last minute. We need some new ideas for the club booth this year - start thinking!

I have been promised by VP Merl that as soon as the weather gets better, we will start building some new display cases. Club members' help will be needed.

Attention Nelvin Chesnut! To you we say thank you for the North Carolina mineral display which you presented to the Club from Spruce Pine Mica Company. A special case will be built for this fine display to be used at our Shows.

Well, gang, it's too bad we can't get together this month, but I know all of you will be there in April. See you then.

Jim

HAPPINESS IS

Being snowed in for days, with the wind howling and the snow piling into huge drifts.

Having the house toasty warm and plenty of food on the shelves.

Helping the neighbors out with necessities and they in turn digging out the driveway.

Calling dear friends and having them call me, asking if we needed a hand.

Sitting in front of a blazing, crackling fire in the fireplace, reading and eating popcorn.

Our loved ones calling from far away places concerned about us.

Larry whistling in the basement, making cabachons by the hour.

My cup runneth over.

Catherine McHugh

MINUTES OF THE FEBRUARY MEETING

The Michiana Rock and Gem Club met February 26, 1978, at Rum Village Nature Center, South Bend, Indiana. The meeting was called to order by President Jim Russell. Minutes of the January meeting were approved as printed in The Rockfinder. The treasurer's report was read and filed for audit.

Education - Margaret Heinek reported that many club members enjoyed the copper enameling.

Librarian - George Kelsheimer would like club members to let him know what type of books they would like to have purchased for the library. George plans to send notices to members who keep library books out two months.

Displays - Bob Miller reported that displays for the meeting were brought by George Kelsheimer, Bill Crull, Merl Lechlitner, June Hernesmaa, Robert Luster and Catherine & Larry McHugh. Nelvin Chesnut brought in a display of specimens of North Carolina minerals donated to our club by Spruce Pine Mica Company, Spruce Pine North Carolina. A thank you note will be sent to them.

Old Business - Sherry Russell reported on receiving a letter from Artcraft Mfg. Co. regarding the club patches. A show of hands favored duplicating the original club patch at a cost of \$2.40 each. She will take orders. Vinyl decals can also be ordered.

New Business - President Russell announced that the fourth Sunday March meeting would be cancelled, because the Nature Center would be closed on Easter Sunday. A place for the meeting on the third Sunday would be checked into if the energy crisis permits.

Bess Wise made a motion that the club should send a delegate to the Midwest Federation Convention at Cedar Rapids, Iowa. The delegate should be an officer of the club, in order of precedence. Nelvin Chestnut seconded, motion carried.

Minutes of the Feb. Meeting (Con't)

President Russell reported that he talked to the Chamber of Commerce of South Bend about our 1981 bid for the Midwest Federation Show. They will send a representative to Cedar Rapids, Iowa this year at their expense, in order to help us plan our 1981 Show.

Door Prizes - Door Prizes were won by Larry McHugh, Margaret Heinek, Merl Lechlitner, Pauline Kelsheimer and Ginger Schrader. The two extra door prizes were shells donated by George Kelsheimer.

Attendance - Members 38
Guests 1

Program - a program on collecting sea shells was presented by George Kelsheimer.

A motion to adjourn was made by Jess Wise, seconded by Larry McHugh.

Secretary Pro Tem,
Sherry Russell

Best Denture Material

At a recent meeting of the Japan Oral Surgery Society in Oaska, Dr. Ichiro Yamashita, a well-known dental scientist, announced that in the future the world's most durable false teeth would be constructed of coral.

He claims that coral teeth last longer than those of gold, silver or ceramic.

From The Medical Journal
Submitted by Catherine McHugh

1978 Show Theme - "FANTASY OF GEMS"

Carlton and Doris Pletcher will be presented with their prize at the April meeting for submitting the winning Show theme, "Fantasy of Gems!"

Since the March meeting had to be cancelled, the Board selected "Fantasy of Gems" as the theme for our 1978 Show from the 28 names submitted.

Assistant Editor
Sherry Russell

1. The first part of the document discusses the importance of maintaining accurate records of all transactions.

2. It is essential to ensure that all entries are supported by appropriate documentation and receipts.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12.

13.

14. The following table provides a summary of the key findings from the audit.

15.

16.

17.

18.

19.

20. The document concludes with a series of recommendations for improving internal controls.

THE ROMANCE OF CAB O'SHAWN AND
CRYSTAL O'QUARTZ

By: Margaret Heinek

Once upon a time, on a day like no other, our hero, CAB O'SHAWN was out showing off his new POLISH.

CAB, being a new arrival at the home of A. LAPIDARIST of CHALCEDONY Court, was unfamiliar with his new DIGGINGS. Walking the two blocks to AGATE Ave., on to SAPHIRE St., he soon found himself at the TOURMALINE Theatre, where the O'QUARTZ FAMILY was appearing in the FACET Follies.

The O'QUARTZ FAMILY was well known for the BRILLIANT CUT of their men and beautifully SHAPED ladies. CAB, seeing a PICTURE of our heroine, CRYSTAL and her sisters, SMOKEY and ROSE, desired to meet them. Their father, DRUSY O'QUARTZ, answered his knock on the stage door, and he let him in.

Being a highly POLISHED gentleman, CAB introduced himself and asked to meet the girls. Poppa DRUSY wondered what his wife WOOD say, so he called Mama. Mama CITRINE gave her approval when she saw CAB's fine SHAPE and flawless COLORS.

Our hero fell in love at VARI-CITE with CRYSTAL. Her SYMMETRY was overwhelming, with beautiful TERMINATIONS. CAB's PLASMA HAMMERED through his VEINS, and he SAW CRYSTAL felt the same about him.

Mama CITRINE and Poppa DRUSY, were PERLITE, but CRYSTAL's boy friend, WILLE MITE was FRACTURED and SPODUMENE word, "GARNET, that CHAPANITE is a CYCAD."

In due time, CAB gave CRYSTAL a large HERKIMER DIAMOND and they decided their wedding DATA (LITE) WOOD be St. Patrick's Day. Mama took over, and with the Frenchman, PIERRE SHALES, they planned the menu for the reception. They WOOD serve CRYSO COLLA, BERYLED 14 KARATS, PUDDING STONE, SODA (LITE), THUNDER EGGS, and PYRITE on Mama's antique

TEM PLATES. Meanwhile, CAB WIRED MOTHER LODGE and POPPY JASPER, WHO lived at GOLD PAN Gully, to come and bring the AGATE family, MOSS, TUBE, DRY HEAD, HONEY, IRIS and young JASP.

POPPY JASPER PRE-FORMED the ceremony. Attendants were: SMITH'S ON ITE AS BESTOS man, CRYSTAL's sis, ROSE as maid of honor, and her first cousin OPTICAL O'QUARTZ as flower girl.

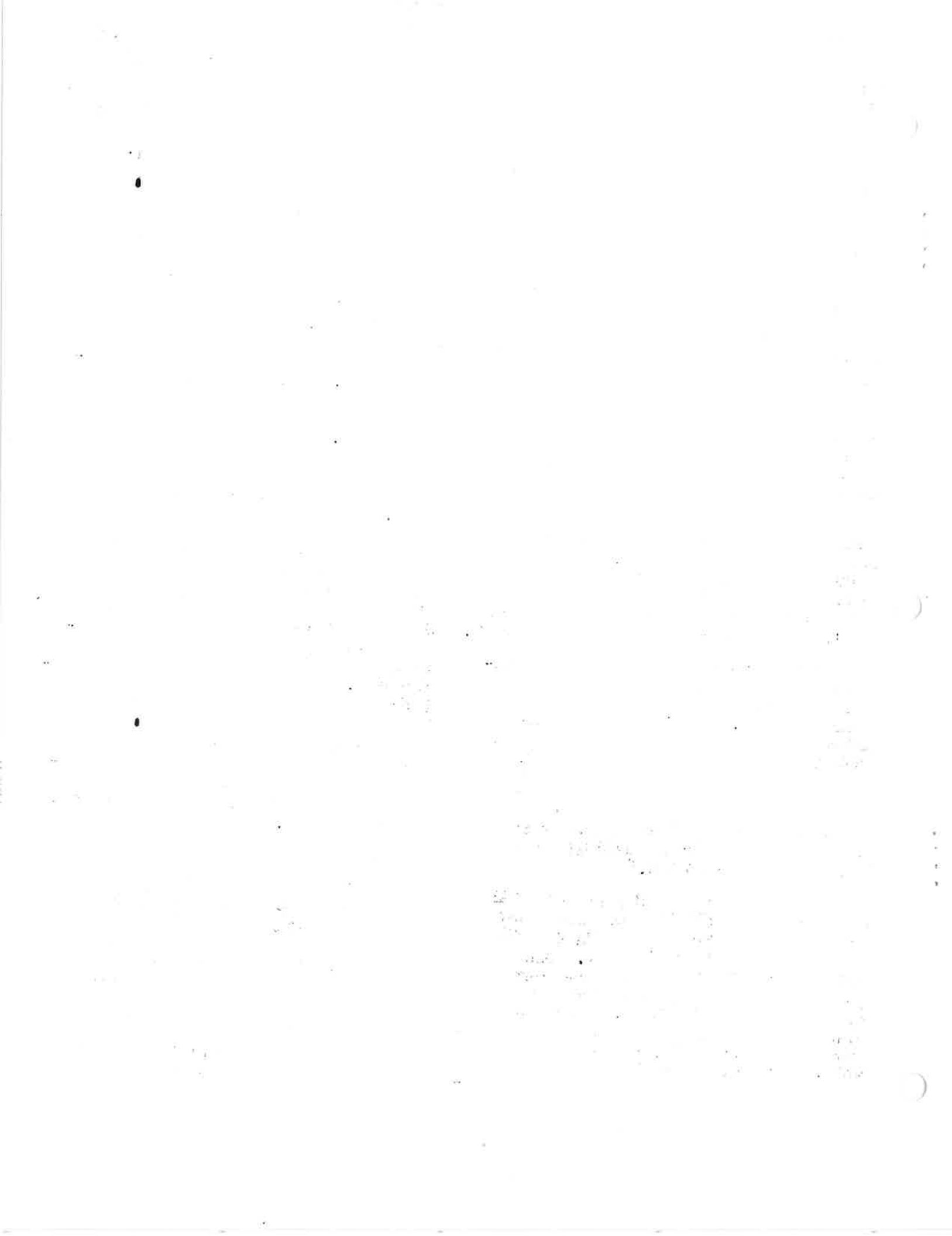
CRYSTAL was beautifully dressed in SNOW FLAKE and her RED FLAME hair was covered with WHITE PLUME. She carried BOUQUET CORAL and TEMPSKYA FERN. ROSE was dressed in CRAZY LACE over BANDED CHERT with her head dress of SILVER SHEEN. CAB was handsome in his DOUBLET of all COLORS of the SPECTRUM, while his best man wore GOLDSTONE.

Both during and after the ceremony, many A PACHE TEAR could be seen.

The happy couple RHODO NITE and a day to SILVER MOUNTINGS where they attended the opening of the Oriental play "CHERRY OPAL", STARRING the MOONSTONES and RUBY. Returning to their FLOWER GARDEN (agate) a TEAR DROP was never seen. The end.
(ONYZ, O PAL, I ZINC I SHALE SULPER for AZURE, for this.)

Editors Note: Margaret Heinek wrote this in 1968 and it was published in The Rockfinder, March 1968, and in The Lapidary Journal, October, 1968.





Midwest Federations NEWSLETTER



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

March 1978 - Issue No. 183

Geology committee plans tour

By Don H. Clarke

The Midwest Federation Geology Committee is conducting a Geology and Mineral Collecting field trip in upper Michigan. The tour begins Monday, July 31, 1978 at Michigamme Shores Campground at Michigamme, Mich. We will be collecting both cutting material and mineral specimens from the Marquette Iron Range mines. A total of ten tours have been arranged for the week.

We will attend the Upper Peninsula Swap on Saturday and Sunday, August 5-6. Field trips are available from the Ishpeming Rock and Mineral Club during these days.

The second week of the field trip will be in Michigan's south copper range. We will camp at Twin Lakes State Park and visit mines from Houghton to White Pine. This is the first time we have offered a tour in this area. The tour ends Friday afternoon, August 11.

Hard hats, safety shoes and safety glasses will be required on the tour. Release forms must also be signed by all persons on the tour.

The cost of the tour is \$15 per adult for the two weeks tour. No charge is made for children under 18. The tour is limited to 50 adults and is expected to fill rapidly.

We have arranged for expert guides for the various locations. Tour is a first time offering for both locations.

For reservations and additional information write to Don H. Clarke, 1107 Maple Street, Essexville, Mich. 48732

WORKING FOR YOUR CLUB

WHAT has Your Federation done for you This Month? Selected Scholarship honor winners. Worked on the Directors. Admitted new members. Furnished judges for shows. Sent programs for shows and meetings. Met with BLM and other organizations to continue efforts at saving collecting areas. Received All American entries. Planned special attractions for conventions. Furnished information on many subjects. Worked on ideas about how to help clubs, how to improve communications, and how better to serve members. Represented the hobby at civic and government meetings. Answered dozens of letters from "How can we get a state stone?" to "How can we host a National (or Regional) Show?" Taken care of the business of the hobby, so you could have more time for the fun.

MARK 23rd ANNIVERSARY

January marked the 23rd anniversary of the organization and first meeting of the Lincoln Gem and Mineral Club, Lincoln, Neb. Howard Taylor, a past President of the Midwest has been named President of the club again for 1978 and has appointed a Steering Committee to begin preliminary work for the Midwest annual show and convention in Lincoln in 1980.

Are you going to have a show?

*By O. D. (Obie) Goss
AFMS Show Consultant*

Are you, a society, planning to put on a local show -- or a federation show? Shows have been my main interest for many years and when I was appointed Show Advisor by AFMS President Zahn and again by President Langston, I was hopeful I could be of help to any of you planning a show.

Location and physical facilities are important for a successful show, not only for the present show but interest as the years go on. It need not be in a huge building or a fancy one but must provide easy accessibility, good parking and camping within a reasonable distance. The interior should provide good ventilation, a sufficiency of tables, seating space, roomy aisles and, if a federation show, about a minimum of 80,000 square feet.

How many workers do you have in your society? How many potential workers? Have you considered having a list of the occupations of your members in a file? When you need specialized help this could be of great value. How do you plan for a show, bid for a federation show?

How do you choose your show chairman? Are you picking one who will be strong enough to face discontented members, varieties of opinions and also keep the group enthusiastic about the show?

How do you secure, control and protect your special displays? Do you pick your committees or wait for volunteers? What do you do about commitments on banquets, etc.? How about competitive exhibits? Judges? Rules?

Don't consider a question you have too unimportant to ask. I will be pleased to give you an answer which you may use or not. If I can help, please let me know. Address me O. D. (Obie) Goss, 20525 Deerfield Drive, Sonoma, Ca. 95370 Phone 209-532-7294

**1978 MIDWEST SHOW AND CONVENTION
CEDAR RAPIDS, IOWA - AUG. 11-13**

Field trips planned for National Show

by June Zeitner

The Mineral and Gem Society of Castro Valley, host to Rockhound Rendezvous, the National show to be held in Pleasonton, California, July 27 to 30, has announced that field trips will be available for visitors from other Federations who come to California for the show.

The splendid field trip opportunities of California were well publicized last year when Vernon Korstad took a special MGSCV Rockhound Rendezvous showcase to major shows from coast to coast. Showing rough and cut first quality material, the case was accompanied by a map, showing where the materials all came from.

Post show field trips will be conducted to some of the great locations. In addition, manuals of self-guided field trips will be available at the show at a slight charge. Samples of materials to be found at the various locations will be on display.

California has been a leader in trying to keep localities open. Choice materials from 18 sites were in the travelling showcase. Some of these favorites are for agates (Valley Springs), marble (Sonora), jadeite (Clear Creek), opalized wood (Duck Lake), mariposite (Coulterville), verde antique (Lucerne Valley), and jasper (Lavic Siding).

There will be a field trip booth at the show for visitors, to get all the information they need and sign up for trips. A special trip has been arranged for a guided tour through the geothermal generating plants of the Pacific Gas and Electric Company near Geyserville. The all day trip will include a visit to a California winery. The trip will leave from Pleasonton and return in the late afternoon of the same day. Anyone interested must NOTIFY THE CHAIRMAN BEFORE MAY 1st 1978, AS NO MORE REQUEST CAN BE CONSIDERED AFTER THAT DATE. Write to Jack Burris, 1225 Hearn Ave., Santa Rosa, California, 95401.

And don't forget those reservations for camping, hotel and motel accommodations. Reserve early so you will not be disappointed.

RATTLESNAKE SAFETY HINT

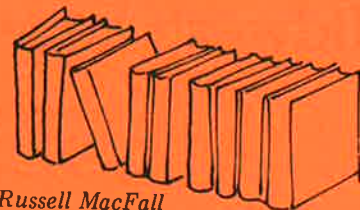
Forest Rangers advise that after killing a rattlesnake you make certain that at least its head is buried. Wasps and yellow-jackets are meat eaters and when eating on the head of rattler may get the venom in their system. Then when they sting someone enough venom is in the sting to make people very ill, and it can become fatal.

LAST SEPTEMBER-OCTOBER PRODUCTIVE MONTHS AT CRATER OF DIAMONDS

September and October were unusually productive months, according to the Superintendent of the Crater of Diamonds State Park, near Murfreesboro, Arkansas. A total of 104 diamonds were found during these two months, with 340 diamonds found during these two months, with 340 diamonds found during the year 1977 through November.

The largest found during these two months was one weighing two carats, 75 points, and was yellow in color. In October a three carat, 13 point moccasin brown was found. Over 60,000 diamonds have been discovered there since 1906.

BOOKS



By Russell MacFall

Joel E. Arem is a young man who has a remarkable ability to make the intricacies of mineralogy and gemology as clear as the crystals he loves to write about. The latest manifestation of this ability appears in **COLOR ENCYCLOPEDIA OF GEMSTONES** (Van Nostrand-Reinhold, 1977, 147 pages), a large, profusely illustrated and detailed account of the scores of natural materials that have been used or can be used as gems. Of the 220 species discussed, 185 appear in color from photographs made by the author. Most of them would be unknown to a jeweler and some even unfamiliar to most mineralogists. So Arem may have some surprises and some delights for both.

The author has previously provided two highly useful paperback books that should be in the libraries of all persons interested in gems and minerals. **ROCKS AND MINERALS**, with photographs by Lee Boltin, appeared in 1973, published by Bantam Books. It is the kind of pocket-sized book that is detailed enough to be a useful for a quick reference and one that could well be used as a text for classes in mineralogy in rock clubs. **GEMS AND JEWELRY**, also Bantam, was published two years later and like its predecessor includes most of the essential material for basic understanding of such highly technical subjects as crystal structure, the effects of light, the synthetic gems, and gem testing, all discussed in 150 pages.

Arem, a Ph.D. from Harvard in mineralogy, was formerly on the Smithsonian Institution staff. He has been honored with the medal of the British Gemmological Association. As a photographer his work has appeared in the *National Geographic* and *Smithsonian* magazines. (*The AFMS Newsletter welcomes books for review. Send them to Russell MacFall, P.O. Box 309, Coronado, California, 92118*)

SUGGEST CHANNEL 7 BASE STATION FOR NATIONAL SHOW

Shirley Leeson, Editor of the *Pegmatite*, publication of the San Diego Mineral and Gem Society, suggests that the Castro Valley Show Committee of the Mineral and Gem Society of Castro Valley, host to the California Federation and AFMS National Show, July 27-30, in Pleasonton, Calif. establish a base station on CB channel 7 to help direct rockhounds to the show, camping, motel and hotel accommodations.

SHOW DATES SET BY CHICAGOLAND GEMS AND MINERALS

The Chicagoland Gems and Minerals Association have named Mrs. Russell Kemp, South Holland, Ill. as President of their association and General Show Chairman of their 1978 show. The annual combined show will be Memorial Day Weekend, May 27-29, DuPage County Fairgrounds, Wheaton, Ill.

A VERY UNPOPULAR PERSON.....
A LITTER BUG!!!