

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

FIRST CLASS MAIL

THE ROCKFINDER

MAY 1977



MICHIANA ROCK AND GEM CLUB, INC.
1977 BOARD OF DIRECTORS

President.....	James F. Russell	27911 North St., No. Liberty, Ind.	46554
Vice Pres.....	Joseph Charles	26863 New Rd., No. Liberty, Ind.	46554
Secretary....	Betty Jordan	16705 Eisenhower Dr., Mish., Ind.	46544
Treasurer....	Merl Lechlitner	1409 Penn Ave., Mish., Ind.	46544
Liaison.....	Molly Elwell	105 N. Ironwood Dr., So. Bend, Ind.	46615
Past Pres....	George E. Kelsheimer	19137 Dresden Dr., So. Bend, Ind.	46637

COMMITTEE CHAIRMEN

Program.....	Joe Charles	26863 New Rd., No. Liberty, Ind.	46554
Hospitality..	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 Dr., So. Bend, Ind.	46637
Historian....	Bess Wise	1513 Clarendon Ave., Niles, Mich.	49120
Field Trips..	Bill Crull	728 Broadway, Apt. 2A, Niles, Mich.	49120
Safety.....	Joe Coyner	4124 Cottage St., Mishawaka, Ind.	46544
Sunshine....	Pauline Kelsheimer	19137 Dresden Dr., So. Bend, Ind.	46637
Scholarship..	Catherine Grayckowski	1111 No. Huey St., So. Bend, Ind.	46628
Display.....	Jess Wise	1513 Clarendon Ave., Niles, Mich.	49120
Publicity....	Sherry Russell	27911 North St., No. Liberty, Ind.	46554
Membership...	Russ Randolph	19797 Detroit St., So. Bend, Ind.	46614

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 St., 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 17
Published by Michiana Rock and Gem Club, Inc.

Number 5

May 1977
South Bend, Indiana

Regular Meeting:

May 22, 1977

Time: Doors Open 1:30 PM, EST
Meeting 2:00 PM, EST

Place: Nature Center
Rum Village Park
2626 So. Gertrude Street
South Bend, Indiana

Program: Business Meeting

Speaker for program will be
R. Dee Rarick, Geologist from
Indiana University. His
subject will be -- "Geodes
and Geodized Fossils."

Hospitality:

Peggy, Guy & Eric Forrest
Bess & Jess Wise
Katie Grayckowski
John Nintz

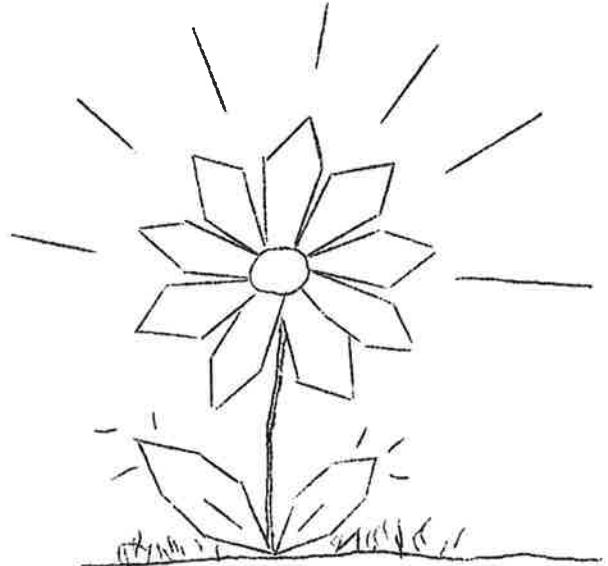
Educational Meetings:

Time: 7:00 PM, EST

Place: First Bank Basement
Corner of U.S. 31 North &
Cleveland Road, South Bend,
Indiana

Program: Friday, May 27, 1977
Make items for club booth
at Show.

Program: Friday, June 10, 1977
Make items for club booth
at Show.



A GEM OF A DAISEY

Calendar:

- May 28-31 Chicagoland Gem and Minerals Association Show, Wheaton, Illinois
- June 16-18 The Hometown Gem & Mineral Show, LaFayette, Ind.
- Aug. 14 Our Club picnic at Bourissa Park in New Carlisle
- Sept. 10-11 Our Club Show at the 4-H Fair Grounds, South Bend Indiana
- July 21-24 Midwest Federation Show Dayton, Ohio
- Sept. 16-18 Hoosier Rock Swap, Hancock County Fair Grounds, Greenfield, Indiana

1

Handwritten text, mostly illegible due to extreme fading. The text appears to be organized into several paragraphs or sections, with some lines starting with capital letters or numbers. The overall appearance is that of a very old or poorly preserved document.

FROM YOUR ROCKY LEADER

HELLO THERE! Attention all Mothers - Happy Mothers Day, even though it's late in May.

I trust everybody has had their "feet" overhauled and recapped after the trip to see the Tut Exhibit. Hope everyone enjoyed the show. I have one question about all the items we saw, and that is, "How did they know how to do it?" Thanks Bill and Marie for a job well done.

SPECIAL ATTENTION TO BILL AND MARIE. ON BEHALF OF THE CLUB MEMBERS, WE WOULD LIKE TO SAY CONGRATULATIONS TO THE BOTH OF YOU ON YOUR UP COMING MARRIAGE AND BIG DAY. BEST WISHES.

June is our annual Rock Hunt-Picnic meeting. This year Bill has a new place for us to go at Delphi, Indiana. It should be fun, and interesting, so let's have a good turnout.

Speaking of fun, for all of us summer is vacation fun time. I know most of you will be going on a vacation someplace this summer. There are several things to do before you leave and to name them all would take forever. But to name two or three might be helpful to one and all:

1. Pack your rock hunting gear.
2. Select a good area for collecting.
3. Bring home one for the Club and one for yourself.
4. Best of all, have a safe trip and a good time. (Did I say two or three, looks like four.)

We are fast approaching SHOW TIME. Fliers have been sent to other clubs, along with a letter of invitation to attend. We are in need of material for the show, and I know you get tired of me requesting it, but we do need it for grab bags, silent auction, kiddies wheel, and ideas for the club booth. The members who were at our last regular meeting were asked to sign up for whatever they would like to help with at the Show. If you have not signed up, please call me or my wife and let us know, or we will put your

From your Rocky Leader (Continued)

name on a committee. Remember, this is a Show put on by all the members of the club, and not just a few. It is always a success when there is 100% of the members who take part.

I have a suggestion for you, in the making of different shapes when working with cabs. Every now and then we all try different things when cutting and grinding. I for one have a problem in making hearts, so this is what I did. After marking the stone in the heart size I wanted I trimmed it out. Then I shaped it not totally to size, but just a little over on the 100 grit wheel. To get the shape I wanted on the grinder and sander would take too long, so I tossed it in the tumbler and let it slop around. Guess what? It turned out to be the best heart I've made and all the work was done in the tumbler.

From time to time I'll try to pass on some tips to help the new rockhounds as well as the old ones. Well, Guys & Gals and all the Junior members, see you at the regular meeting, this should be a good one as we will be learning about Indiana geology.

Your Rocky Leader,

Jim

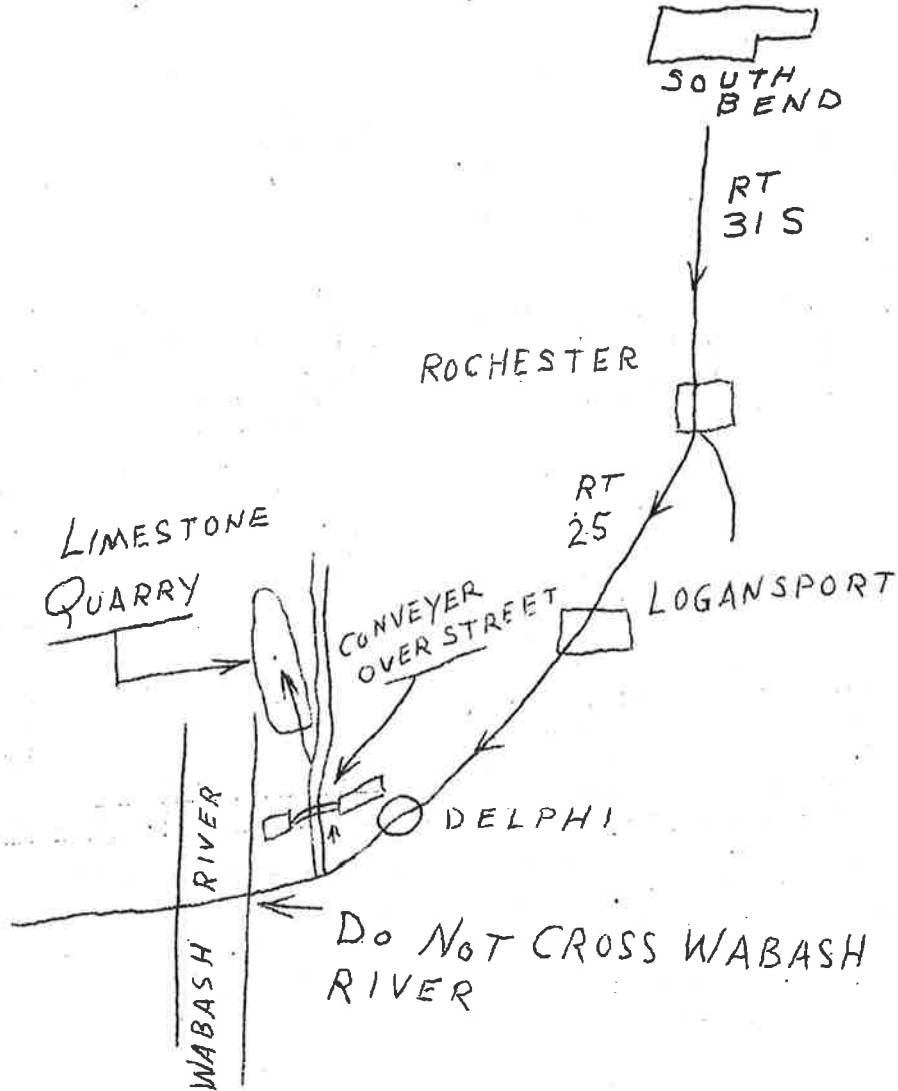
Field Trip Meeting
At Delphi, Ind. on June 12th

For those wishing to travel together, meet at Bank at Ireland Road and U.S. 31 South at 8:00 AM. Take your own picnic lunch, hard hats and other safety equipment. There is no charge to enter Quarry. Travel time from South Bend is about 1½ hr. See Page 3 for directions.

We received a letter from Mr. John McFadden that The Rockfinder has been selected as one of the top three in the small bulletin contest.

Editor

Take rt. 25 thru Delphi approximately $\frac{1}{2}$ mile. Turn right on gravel street. This street goes under an overhead conveyer connecting buildings on both sides of street. Limestone quarry is about $\frac{4}{10}$ mile off rt. 25. Turn left from street into quarry. Do not cross Wabash River.



Minutes of the April Meeting

The Michiana Rock and Gem Club met on April 24, 1977, at the Rum Village Nature Center. The meeting was called to order by President Jim Russell. Minutes of the March meeting were read and approved. The Treasurer's report was read by the Liaison Officer and filed for audit.

Librarian - George Kelsheimer plans to catalogue and list all books in the library.

Field Trips - Bill Crull gave details for the King Tut bus trip. He is planning to have 2 buses for the trip. He announced that our June meeting will be June 12 at Delphi, Indiana, and will be a picnic-rockhunting meeting. He is tentatively planning a trip to Flint Ridge, Ohio, for July 2, 3 & 4 and a Labor Day weekend trip to Southern Indiana for geodes.

Membership - It was announced that Leo F. Gilligan is a new member of our Club.

Hospitality - Refreshments for today's meeting are being served by John & Juanita Tetzlaff, Alby & Olive Sammons, and Joe & Leota Joachim.

Displays - Frank & Molly Elwell brought specimens from their trip - Arizona geodes (chalcedony), petrified wood and rhodonite.

Program - Jim announced that the guest speaker for the May meeting will be R. Dee Rarick, Geologist from Indiana University, to speak on geodes and geodized fossils.

Special Committees - Jim attended the Peru Show and reported on attending a meeting they had for the Hoosier Rock Swap to be held in Greenfield, Indiana, on September 16, 17 & 18, 1977.

Old Business - Margaret & Bob Heinek will handle all club and special displays for our 1977 Show. All members present were asked to sign up to help on one or more Show Committee. Those who don't sign up will be asked to help on a Committee. It was discussed that the Display

Chairmen for the Show ask Indiana University for a display for our Show. Jim discussed the idea of voting on display cases by the people who buy a ticket to our Show. Russ Randolph made a motion that we have the paying customers to the Show vote for their favorite display and a trophy be awarded to the top winners. Seconded by Frank Elwell, motion carried. We have nine dealers already signed up for the Show. Show fliers are ready.

New Business - It was announced that the August picnic will be the second Sunday of August, the 14th, at Bourissa Park in New Carlisle. It was suggested that the Club look into making reservations for our August picnic for 1978 at Rum Village Park. Molly Elwell volunteered to look into this for us.

Open Forum - The King Tut exhibit was discussed, our bus trip for next Sunday. Everyone present wanted to know if color pictures could be taken, so Bill Crull called the Museum and they said "No cameras allowed at all."

Door prizes were won by Alice Ellis, Gerald Shoemaker and Rose Van Wormer.

Attendance 53 Members
 3 Visitors

After a motion for adjournment, there was a change in the program because the man who was to demonstrate sand painting was unable to attend. Instead, highlites of their winter vacations were shared by Joe Charles, Frank & Molly Elwell, Ray Welborn, Max Cripe, Bess & Jess Wise and Alice Ellis.

Secretary Pro Tem
Sherry Russell

Our Guests

We hope that our guests enjoyed our meeting and will return again. They were:

Mr. & Mrs. Harold Lainhart
Angela Lacy

We all extend a hand of welcome to our new member. Please add his name and address of your Directory:
Leo F. Gilligan 291-6074
1445 Riding Mall, South Bend
46614

New Soil Exposed at Diamond Crater

There's good news for diamond hunting visitors to Crater of Diamonds State Park near Murfreesboro. Recently, the staff at the Crater rented a TD 24 bulldozer from the Pike County Maintenance Shop and dug the field of diamond-bearing kimberlite soil deeper than at any time since the Crater has been a state park.

"We worked about 10 days," says Park Superintendent Jim Cannon, "moving one to two feet of the top off the best parts of the mine. Since the bulldozer we have used in the past will only plow 12 to 16 inches deep. We have now plowed fresh material on the one half to two-thirds of the mine we have been over."

Following the dozer operation, the newly exposed semi-hard kimberlite soil was plowed to break it up further. Cannon feels that it will take until next summer for erosion to break down the new soil completely. He says, "We have the portion of the Crater that we have been able to work in excellent shape in my opinion. We are now down to fresh diamond-bearing material that has not been plowed previously, and we should begin to see results in finds in the near future."

The Crater of Diamonds State Park is a unique attraction, the only known occurrence of diamonds in their natural matrix on the North American continent. The park comprises 867 acres, of which 78 acres form the volcanic core containing the precious stones.

For a \$2.00 fee for adults, \$1 for children 6 to 15, visitors are welcome to search from 8AM to 5PM (8:30 AM to 4:30 in winter), and what they find is theirs to keep. Facilities at the park include a cafe (closed in winter,) picnic area, and a visitors information center. The center offers a gift shop, small museum and an audio-visual room that provides a brief orientation for visitors. It teaches them how to identify the precious gem, give tips for

finding the diamonds, and reviews the geologic and historic background of the Crater.

For additional information, contact the Arkansas Department of Parks and Tourism, 149 State Capitol, Little Rock, Arkansas, 72201. (501) 37101511.

From Feb. 1977 AFMS Newsletter

Stone-Age Knife Used in Surgery
The Best

Don Crabtree, the Scholarship Foundation's Honorary Plaque Winner from the Northwest Federation for 1974, has been involved in recreating stone-age tools such as obsidian knives for twenty-five years. In fact, he is so confident of the tools that he had them used to perform major surgery on him.

His expertise prompted a request two years ago from author James A. Michener for information on early man's technology to be used in his current bestselling book, "Centennial."

Crabtree's surgery last month by a local physician included an incision by an obsidian knife to have a tumor removed from his lung. He said the obsidian volcanic glass is a thousand times sharper than the platinum plus blade used in other surgical tools.

The technique for making these tools probably is at least 10,000 years old, he added. Crabtree said the cutting surface is so sharp it does not bruise the cells and healing is more rapid and scarring is diminished.

"I've given gallons of blood working with obsidian and have no scars on my hand to show for it," he said.

He feels obsidian surfaces will eventually revolutionize surgery and could especially be useful in plastic and cosmetic surgery.

From AFMS Newsletter

REMINDER - June meeting on second Sunday - June 12th, at Delphi Quarry.

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

May 1977 - Issue No. 175

Time to choose your delegates

Have you chosen your delegate and alternate delegates for the MWF Council meeting at the Convention in Dayton, Ohio, July 23? Time is growing short as these people should be listed with the Credentials Chairman by June 1. A form has been supplied to you for this purpose. We urge you to fill it out and get it sent in to Esther Mullaly promptly.

Remember that this is your big chance to make your desires known with respect to MWF policy and other matters of interest and benefit to all clubs and members. It is your opportunity to take first-hand action in the affairs of the Federation. Please consider and follow carefully all the instructions given on the Registration Form. Let's have a fine large turnout of dedicated folks for this convention and make it the best ever. *Hazel Kuntz*

Five new programs

E. Donald Stinnett our Film Library chairman announces the addition of five new slide programs being made available to our clubs. In memory of his wife, a Mr. Walker of Indiana has presented the Midwest with a program on "Turquoise." Many of the slides in this program have been printed in Arizona Highways and are especially beautiful.

Through the combined efforts of John Jaeschke and two Wisconsin clubs, the Madison Lapidary and Mineral Club and Verona Rock and Gem Club, four programs on earth sciences are now added to the library service.

These programs are titled "Geology of Wisconsin," "Glacial Geology of Wisconsin," "Geology of Devils Lake, Wisconsin," and "Mining in Southwest Wisconsin."

Addition of these five programs fills a void in our film library but we are still in need of others. Clubs wishing to participate in providing programs for the Midwest should contact Donald Stinnett.

Clubs wishing to book the new programs for their club use, or for any programs in the library should send their requests to E. Donald Stinnett, 29462 Aspen Drive, Flat Rock, Michigan 48134. Be sure to include a first and second choice of dates and programs to avoid disappointment. Order early and include \$2.00 service charge for each program ordered.

**YOU'VE GOT A DATE IN DAYTON (Ohio), JULY 21-24
MIDWEST SHOW AND CONVENTION**

Bureaucratic interference

There have been many articles in many club bulletins, lauding the activities of the Bureau of Land Management. This might be well and good if it were not for the fact that the BLM activities consist largely of bureaucratic interference in the lives of people who could very well govern themselves if the already existing laws were adequately enforced. The true history of the deterioration of our natural resources very clearly points up the fact our laws have been flouted thru congressional chicanery, manipulated by big money power groups. We don't need more bureaucratic regulations, we need better law enforcement. *Chips, Fresno Gem & Mineral Society*

More about Uniform Rules

The Uniform Rules are designed for Regional Federation Shows and American Federation Trophy Competition. Many local shows also have competitive exhibiting. While clubs are encouraged to use the Uniform Rules they are not forced to do so and quite a few clubs prepare their own rules.

The Regional Federation Rules Committee is responsible for the selection of judges at Federation Shows. Every attempt is made to choose only those persons who already have experience in judging under the Uniform Rules. Where do potential federation show judges get such judging experience? - club shows.

Umpires in the major leagues must first "ump" in Triple-A ball in order to maintain the level of officiating in the major leagues at a high level. So it is with judging at gem and mineral shows. Experienced judges aren't "born" - they are "made"! Hopefully they improve as they get more experience under their belt. Judging is a continuous "learning process" - there are new minerals, new locations, changes in names of fossils, improved display techniques, changes in rules.

There never seems to be "enough" experienced judges. The judging chairmen for club shows often must use the services of nearby professionals, such as college geology professors, jewelers, etc. There is nothing wrong with this, but remember these persons may not have very much, if any, background in the Uniform Rules and may assign scores based on personal criteria! It would be nice if the judges at all club shows were qualified for federation show judging. Until that time comes let's remember judges are human too, some have more experience than others, some are junior judges, some are "in training," but all judges are donating their time and energy to the hobby for the benefit of all of us. *Cal George*

Publication prices

In the April issue we announced three new publications Uniform Rules, How To Make and Present A Slide Program, and the 1977 Midwest Directory. Copies of the Uniform Rules and How To Make and Present A Slide Program have already been mailed to all clubs.

Prices for clubs and individuals desiring additional copies of two of the three publications - Uniform Rules and "How To Make and Present A Slide Program" - described in the April newsletter have been announced. Prices for the 1977 Midwest Directory will be announced later.

Uniform Rules - 4th edition, blue cover - prices are: \$.75 per copy at the MWF Sales booth/tables; \$1.00 per copy (1 thro 4) post paid mail single address; \$.85 per copy mailed to single address in quantities of 5 or more.

"How To Make and Present A Slide Program" - prices are: \$.25 per copy at the MWF Sales booth/tables; \$.35 per copy (1 thro 4) post paid mail single address; \$.30 per copy mailed to single address in quantities of 5 or more.

Orders for these publications should be sent to Clinton Heckert, MWF Director of Supplies, 725 Stewart Ave., Elgin, Illinois 60120. Be sure your check for the amount to cover your order is enclosed along with the complete name, address and zip code where the copies are to be shipped.

GAS LEAKS FOUND IN RECREATIONAL VEHICLES

A report from the Center for Disease Control indicates "a potentially serious health problem" exists with the use of liquefied petroleum gas and carbon monoxide leaks in recreational vehicles.

In New Mexico out of 410 recreational vehicles checked last year during a four month period it was found that 173 (or 42%) were leaking liquefied gas in the living quarters. Investigation found loose or faulty connections on appliances and stove pilot lights left on and not lit were the cause of the leaks.

MARION GINGERY

Marion Gingery, charter member of the Flint (Michigan) Rock and Gem Club, died February 11. A past president of the club, as well as show chairman for 11 years, Marion was also active in Federation work, having served as State Director for Michigan, and later as Field Trip and Safety Chairman. A retired teacher, Marion continued his teaching career by teaching lapidary. He is survived by his wife, Genevieve.

UNIFORM RULES BOOK CORRECTIONS

Two corrections should be made in the new 4th edition (blue Cover) edition of the Uniform Rules:

Page 12. Classes A-4 and A-6, add: P,Q,R,S.

Page 15. Rule 7.11 should end: "...shall be a minimum of twenty (20)." (Emphasis added.)

New memberships

ILLINOIS VALLEY GEM & MINERAL SOCIETY

Michael Crisman, President
RR #1
Sheridan, Illinois 60551

ROLLING STONES

Christy L. Merz, President
3631 Gerbert Road
Columbus, Ohio 43224

INDIVIDUAL MEMBERSHIP

Mrs. Bonnie Faurote
3381 Pheasant Hill
Akron, Ohio 44313

Convention show plans

"Discover Dayton . . Gem City 77" is the title given the Midwest Federation show and convention opening in Dayton, Ohio on July 21 and continuing through July 24. The Midwest will be hosted by The Dayton Gem & Mineral Society. in the Dayton Convention Center in downtown Dayton. The headquarters hotel, Stouffer's Dayton Plaza Hotel, is connected by walkways to the convention center and all meetings, dinners and special events will be held either in the convention center or the motel.

The host club, The Dayton Gem & Mineral Society, has made elaborate plans to make this 1977 show one of the finest in Midwest history. Over 77,000 square feet of dealer and exhibition space plus a large lobby area for registration and show information will give ample room for everyone without crowding. In the hotel there are 13 meeting rooms and an auditorium seating 720 people available for the various meetings and programs planned.

Camping facilities are nearby. The Montgomery County Fairgrounds is only one mile from the Convention Center and has a capacity of 800 campers with 320 sites available with water and electricity hook-ups. Shuttlebus service will be provided from the campground to the Convention Center. Those wishing to make reservations should write to Iris Reily, Riverbend Art Center, 142 Riverbend Drive, Dayton, Ohio, 45405. Rates are \$5.50 with hookup and \$4.50 without.

A special feature of the show is the "Hall of States." The exhibit will be made up of a booth for each member state in the Midwest Federation. Each booth will have exhibit material found in the state and pamphlets, maps and other items of interest from the state.

In our June issue we will publish a complete show program together with other information. Those planning to attend this Midwest Federation show should make reservations now so as not to be disappointed.

If you wish specific information on any particular phase of the show, write or phone the Show Chairman, Ted Cadeau, 263 Ridgewood Ave., Oakwood, Ohio, 45409. His phone number is 1-513-294-0679.

PLEASE... DON'T BE A LITTERBUG