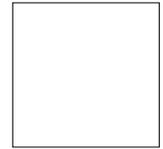


Michiana Gem & Mineral Society
Jason Hefner, Editor
229 East State St
Etna Green, IN 46524



October 2016 Volume 56 Number 7

THE ROCKFINDER

We're on the Web! See us at: www.MichianaGMS.org

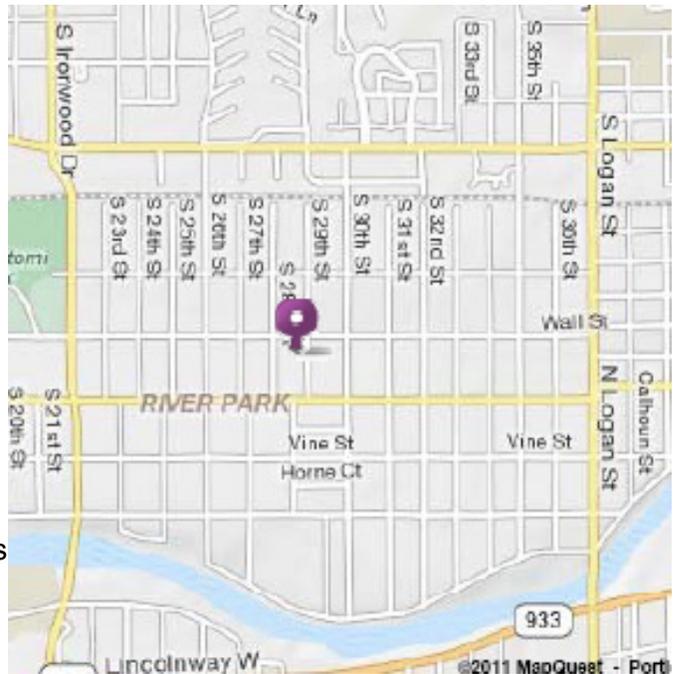
The purpose of the Michiana Gem & Mineral Society is to promote the study and enjoyment of the earth sciences and the lapidary arts, and to share lapidary knowledge and techniques. General meetings are usually held the fourth Sunday of each month at 2:00 p.m. at,

Our Redeemer Lutheran Church
805 S. 29th St.,
South Bend, IN.
Please see the map to the right.

Doors usually open at 1:30 for meet & greet time.

Regular meeting exceptions include May (third Sunday), July (Club Picnic), August (Club Show) and the November/December meeting and Christmas party.

Board meetings are held before the monthly meetings. The annual club show is in late August.



DUES

Yearly Membership Dues are payable by December 15th of each year. Please choose type of membership below.

- Individual \$15.00 Family \$20.00
- Junior \$1.00 Subscriber \$7.50

Please indicate areas of special interest.

- General Geology Gems & Minerals
- Fossils Micro mounts
- Crystals Field Trips
- Cabochons Faceting
- Carving Beads
- Jewelry Making

Name(s) _____
 Street _____
 City, ST, Zip _____
 Phone(s) _____
 Email _____

Please send your dues and the bottom half of this form to:



Please read and sign this section

With my signature I hereby release the Michiana Gem and Mineral Society, Inc., and its individual members and the owners of any premises upon which I enter under permit granted to the society, absolutely free of any liability whatsoever, to my person or property, and further I will respect the equipment and property of the aforesaid owners.

Signed _____ Date _____
 Signed _____ Date _____

Family Information:

Name: _____ Birthday: _____
 Name: _____ Birthday: _____
 Name: _____ Birthday: _____
 Name: _____ Birthday: _____
 Name: _____ Birthday: _____

Michiana Gem & Mineral Society
 c/o Nancy Foreman
 58456 Kimberly Ct.
 South Bend, IN 46619

THE ROCKFINDER

Volume 56 Number 7
October 2016

The purpose of the Michiana Gem & Mineral Society is to promote the study and enjoyment of the earth sciences and the lapidary arts, and to share lapidary knowledge and techniques.

Michiana Gem and Mineral Society www.MichianaGMS.org, is a not-for-profit organization affiliated with the Midwest Federation of Mineralogical Societies <http://www.amfed.org/mwfi/> and with the American Federation of Mineralogical Societies www.amfed.org

The *Rockfinder* is published monthly except July and August.

Please note that all items for a given issue of the *Rockfinder* are due to the Editor no later than the 5th day of the previous month. This means that the due date for the March Issue will be February 5th. Advance items are appreciated.

Material may be e-mailed to hefner_family@hotmail.com or submitted via the U.S. Mail.

Editor:
Jason Hefner
229 East State St
Etna Green, IN 46524

Permission is hereby granted to reprint any original *Rockfinder* articles as long as recognition is given with the reprint.

REMEMBER – Items in The Rockfinder that are **BLUE & UNDERLINED** are links to the internet or email addresses. Just click on them for more information.



President's Message - President Bill Foreman

Summer of 2016 is gone, finally replaced by the crisp, colorful, blessed Fall season. I hope each of you had a pleasant and safe summer, and I hope you all had a chance to do some rock hunting in the good weather. Nancy and I and Danielle spent our vacation hunting through Ontario, Quebec, and the Northeast US. We had a good time and brought back some interesting specimens from Maine, New York and New Jersey.

Our annual show hosting the MWF was a rousing success! Attendance was up, vendors all reported great sales, and the Midwest Federation members gave us rave reviews for our show. Several MWF members told me that our show is as good as anything they see even in the larger metropolitan areas. John Davis and Joe Perry outdid themselves...my personal thanks to them for their continuing good work. Props to the silent auction workers for their diligence and sometimes unappreciated efforts. Many attendees remarked to me that one of the main reasons they come to the show is for the Silent Auction

Continued on Page 2

Up & Coming

Next Meeting: April 24, 2016 Visitors are always welcome. Doors open at 1:30. Meeting starts at 2:00.

Place:
Our Redeemer Lutheran Church
(29th & Wall)
South Bend, IN. (This is in River Park)

Program: Tourmaline

Host & Hostesses: Kathy Miller, Sherry Kobie, Annette Freel, and Sherril Glick.

Board of Directors

President: Bill Foreman
574-233-9178

Vice-President: Randy Hill
269-465-5814

Secretary: Jan Pellus
574-264-4772

Treasurer: Diane Gram
574-588-2665

Liaison: Bob Bell
574-233-7352

Committee Chairs

Displays: Mike Skoczylas
574-251-0255

Editor: Jason Hefner
574-858-9837

Educational: Jesse Zeiger
574-259-5944

Facebook: Danielle Wilborn
574-344-3385

Field Trips: John Davis
574-232-8823

Historian: open

Hospitality:
Linda Miller 574-291-5027
Marsha Miller 574-498-6513

Juniors: Trista McIntosh
574-780-1162

Librarian: Bill Foreman
574-233-9178

Membership: Nancy Foreman
574-233-9178

Programs: Kathy Miller (Interim)
574-291-0332

Publicity: Nick Pellus
574-264-4772

Safety: Julie Wieger 574-291-2597
Jennifer Hefner 574-858-9837

Show Chair: John Davis 574-232-8823

Sunshine: Annette Freel 574-293-8193,
Sherrie Kobie 574-522-0189

Webmaster: Joe Perry 574-295-9050

President's Message Continued from page 1

They come for the auction, but spend at the vendors tables as well, making the Silent Auction a valuable asset. My thanks to all of the members who worked the tables, the kitchen, and set up/tore down the show. The participation of the members is vital to the life and growth of our club. We have had lots of new members join since the show, so let us all make them welcome and find out their interests so we can make their memberships fruitful

Elections are here as well...those of you who would like to throw their hats into the ring should not miss the next meeting. It is always good to have fresh leadership on a regular basis. Term limits are not just good for our Government, they are good for all clubs to avoid staleness and to bring in fresh ideas. We can always use people to take over committees. I know several new members who would make excellent committee material. Those of you (and you know who you are!) should think about not just what the club can do for you but what you can do for your club.

Science Alive will be held on Saturday, February 4, 2017. Our club will be there as usual, so I will be taking names for volunteers to man our table. For those who have not worked this program, you should take this opportunity. You will meet so many motivated and interested young people it will make your head spin. Our table is one of the most popular at this show, and not just for the goodie bags. Our members engage these kids in a way that motivates them to pursue their interests in the sciences. At our table they can feel free to look, touch, and ask questions about our displays. Every club member can bring their own personal knowledge and experiences to bear helping these kids learn about the geological world.

Don't forget our annual Christmas party is coming up, as will our bag-stuffing marathon for Science Alive. Check our website and Facebook page to find out about our upcoming events.

Hope to see you all again at the next meeting...

Bill Foreman, President

TO ALL RECREATIONAL ROCKHOUDS

Excerpted from [ALAA](#)
newsletter April-May – June 2016

The creation of the three new National Monuments in the Southern California Desert has created a large dilemma for Recreational Rockhounds. The wording in the Presidential Proclamations did in fact eliminate all Recreational Rockhounding within the boundaries of the monuments. This outraged some Rock Hunters and a few took action and contacted the BLM, Elected House and Senate members and even the Department of the Interior. With the help of a Los Angeles Times article, our plight was elevated to a level that we were able to get some temporary resolution. California Senator, Diane Feinstein sent a letter to DOI Secretary Sally Jewell asking for consideration of Recreational Rockhounding to be allowed in the three National Monuments and to include Recreational Rockhounding in the Monuments Management Plans. The BLM has complied with the senator's request and a statement of allowable Recreational Rockhounding has been published and is available on the Mojave Trails National Monument Website and can also be found on the ALAA Website:

<http://www.amlands.org/6652/67112.html> **See:** Mojave trails national monument

This Rockhound success is only temporary and the final ruling must be included in the Monument Management Plan. This is going to be a long and difficult process which may take several years to be finalized and published. Though we have been given the right to continue to collect rocks and minerals this is only an interim policy. The blanket collecting in the monuments will not be allowed as it has been in the past. The rules and regulations are changing. The collecting areas within the monument will be specific to each of the monuments and will require the identifying the exact areas, and what is collected in those areas and the designated BLM numbered Routes to get from the last public road to the actual collecting site. If this detailed information is not provided to the BLM the chances are great that the particular site will be excluded from the Management Plan where collecting and access will not be allowed. This will require the work of many Rockhounds and Collectors to keep the known collecting sites open and accessible and most important, published in the National Monument Management Plans.

As Rockhounds ALAA and CFMS-PLAC is asking when you write letters and comments to the BLM or any elected official, that you provide a copy of your letter to ALAA so a record of the amount of contacts can be accumulated in one location. You can also send your maps and collecting sites data so it can be reviewed, compiled and put into the proper format for delivery to the BLM for inclusion in the Mojave Trails National Monument Management Plan.

ALAA has created an e-mail box to which the letters and data may be sent as a cc: or Bcc: of your correspondence. That mail box is calnatmonuments@amlands.org So please send or cc: or Bcc: to the E-mail address set up just to handle the California Monument letters.

For those who will send in paper letters an ALAA Address has been established and you are ask to send a copy of your letter to:

ALAA
2012 West Ave. K #528
Lancaster, CA. 93536-5229.

As always, thank you for supporting this monumental task. We cannot succeed without your continued help and support. American Lands Access Association and California Federation of Mineralogical Societies–Public Lands Advisory Committee.

American Federation of Mineralogical Societies News A Word from the President “The AFMS

move on” excerpted from [AFMS Newsletter Volume 69, Number 9 – October, 2016](#)

Well, my term as President really went quickly. It was an honor to serve the AFMS and the individual regional Federations.

At the time of this article, I have had the privilege of visiting five regional Federation conventions—in order, Southeast (Melbourne Beach, FL), Rocky Mountain (Wichita, KS), South Central (Lubbock, TX), Northwest (Albany, OR), and Midwest (South Bend, IN). Only two regional Federation conventions remain – California (Placerville, CA) and Eastern (Rochester, NY). Each convention was unique and it was clear that the host clubs were proud to be members of their regional Federation and the AFMS. What impressed me the most was the sheer number of volunteers from each host club and each Federation. Several conventions had special exhibits and the host clubs gave out plenty of information on what activities they do for their adult and junior members and local communities. In many cases, it was obvious to me that the right person was in the right job. Also obvious was that the clubs and regional Federations could always use a few more of those movers and shakers.

[Read the rest here](#)

Midwest Federation of Mineralogical Societies News President’s Message

by David Rich, MWF President, excerpted from [MWF News October 2016 - Issue No. 555](#)

Well folks, our convention in South Bend, Indiana was just great. The Michiana Gem and Mineral Society were perfect hosts and made it a memorable event for all those who attended. Thank you very much.

During the delegates meeting, some very important business was conducted. We raised the insurance per member to \$4.50. Any club sending in their dues postmarked by Jan 15 will only pay \$4.25 per member. Groups of clubs sponsoring an event or show must ALL be MWF members to qualify for insurance coverage. We also will be having a mail-in vote on three proposed bylaws changes:

- That anyone serving the federation as an officer, state director, committee chair or an assistant must be a member of a MWF club.
- That a new registered agent will be appointed. (No name of proposed agent, as of time of writing this column).
- That the canceled stamp committee be eliminated.

Please read the minutes of the meeting. There was a misprint on the ballots that were mailed out. I am not running for 2nd VP. David Root is running. Donna has too many Davids!

[Read the rest here](#)



Purpose of the AFMS

To promote popular interest and education in the various Earth Sciences, and in particular the subjects of Geology, Mineralogy, Paleontology, Lapidary and other related subjects, and to sponsor and provide means of coordinating the work and efforts of all persons and groups interested therein; to sponsor and encourage the formation and international development of Societies and Regional Federations and by and through such means to strive toward greater international good will and fellowship.

www.amfed.org



Purpose of the MWF

To promote interest and education in geology, mineralogy, paleontology, archaeology and lapidary, and to sponsor and provide means of coordinating the work and efforts of groups interested in these fields.

www.amfed.org/mwf

Upcoming Events

October

21-23—MASON, MICHIGAN: Annual show; Central Michigan Lapidary and Mineral Society, Ingham County Fairgrounds; 700 E. Ash St.; Fri. 6-9, Sat. 10-6, Sun. 11-5; Adults \$3, Students \$1, Children under 12 free; Displays, demonstrators, raffle, children's table, silent auction, hourly door prize, and many other activities. ; contact Sally Hoskin, 10990 Phal Rd, Grass Lake, MI 49240, (517)-522-3396; e-mail: saltoosal2@yahoo.com; Web site: www.michrocks.org

22-23—CUYAHOGA FALLS, OHIO: Show and sale; Summit Lapidary Club and Akron Mineral Society, Emidio and Sons Expo Center; 48 East Bath Rd; Sat. 10-6, Sun. 10-5; Adults \$5, Students/Seniors \$4, Children \$1; 40th Anniversary Celebration. Children Activities - make a gem tree, visit our gem mine and look through the giant kaleidoscope. Geo Junior displays, Gem ID, geode cracking, polishing and faceting and much more. 30 Dealers with gemstones, beads and findings, minerals, rocks / slabs, fossils, lapidary equipment, silver work, wire wrap, gold findings.; contact Sandy Shorter, 244 Chestnut Blvd, Cuyahoga Falls, OH 44221, (330)-929-3798; e-mail: gemboree@outlook.com; Web site: lapidaryclubofohio.org

29-30—EVANSVILLE, INDIANA: Annual show; Evansville Lapidary Society, Washington Square Mall; 501 Washington Ave.; Sat. 10-7, Sun. 12-5; Free Admission; 50th Annual Show held by the Evansville Lapidary Society. Vendors with crystals, fossils, minerals, beads, jewelry, geodes, carvings, specimens, cutting rough, faceted stones, posters, books, cabochons, tumbled stones, gems, meteorites, knives, opals, pearls, and slabs. Also featuring this year a fluorescent tent display, arrowhead and artifact exhibits, rock grinding demonstrations, door prizes, silent auction, raffle table, junior rockhound booth,. ; contact Sara Rappee, 413 North Park Dr., Evansville, IN 47710, (812)-589-3079; e-mail: sararappee@yahoo.com; Web site: <http://evansvillelapidarysociety.tumblr.com>

Meeting minutes 09/25/16 by Jan Pellus, secretary

Members in attendance / Adults 42 Children 2 Guests 2

Call to Order: President Bill Foreman

Pledge of Allegiance & Welcome

Secretary report: Jan Pellus / Motion made and seconded to accept minutes as printed in the Rockfinder

Treasurer's report: Diane Gram I Motion made and seconded to accept report

Liaison report: Bob Bell / No Report

Parliamentarian: Bob Miller / No Report

Midwest Federation/ The Midwest Federation show and meeting was a success. There have been many positive comments about the show and the awards dinner.

American Federation/ There are copies of the American Federation news letter available. Members are encouraged to join the federation and to help protect our public lands.

American Lands Access: Bob Miller/ Bob Miller will be our temporary representative to replace Tom Noe who, due to a conflict, is no longer able to attend meetings. Many of our public collecting sites are being closed. We are reminded to check before going to a site.

Committee Reports

Displays: Mike Skoczylas / There are magazines available free to members. There are also fossil and mineral specimens for members and Science Alive.

Editor: Jason Hefner I No Report

Educational: Jesse Zeiger/ New member, Josh, has provided new specimens for our Edison School display cabinet. We also want to make members aware that the Dubell site will be closing soon.

Face Book: Danielle Wilborn / No Report

Field Trips: John Davis / No Report

Historian: / Need volunteer

Hospitality: Linda Miller /Thank you for the refreshments to Kathy and Bob Miller, Saya Tepavceвич, Carolyn Gargis, Rachel Sutton, Diana Newport, Marie and Bill Crull, Patty Enos, Marcia Jacobs and Celia Harrington. A special thank you to all the members who helped to provide food and snacks for the show. We can't do it without you. Happy Birthday Ashley!

Continued next page

Meeting minutes continued from previous page

Juniors: Trista McIntosh / No Report

Librarian: Bill Foreman / would like a volunteer to take over the library. We received the gift of a book on Mazon Creek from Dr. Julie Wieger.

Membership: Nancy Foreman | Since May/June we have added 26 new members to our club. We welcome all. There are a few club tees and show bags available. If you have not picked up your membership book, please see me.

Programs: / Everett Harrington will present the program for next month.

Publicity: Nick Pellus / No Report

Safety: Jennifer Hefner and Julie Wieger/ No Report

Show Chair: John Davis & Joe Perry/ In John and Joe's absence, Bill Foreman reported that the show went very well.

Sunshine: -Annette Freel & Sherry Kobie/ Sympathy card to Dennis and Janus Horrall for the death of their grandchild. A Get Well card sent to Mel Glick for spinal surgery. Mel said he is doing well and thanked the club for their support.

Webmaster: Joe Perry / No Report

Old Business

The show went very well. We are still gathering numbers. Thank you to all who helped to make it a success. We can't do it without you! We had approximately 1500 in attendance. There was some confusion at the front desk due to discounts that were offered. The board needs to address this problem.

New Business

Officer elections are coming up in October. Please consider taking one of these positions. It is important for all members to participate.

4H will be hosting a scouting adventure May 19 - 21, 2017. Anyone interested in helping, please contact Bill Foreman.

Bill and Nancy Foreman recently welcomed a new grandson!! Congratulations!!

Adjournment - Motion made and seconded Program: Social time.

Next Meeting: October 23, 2016

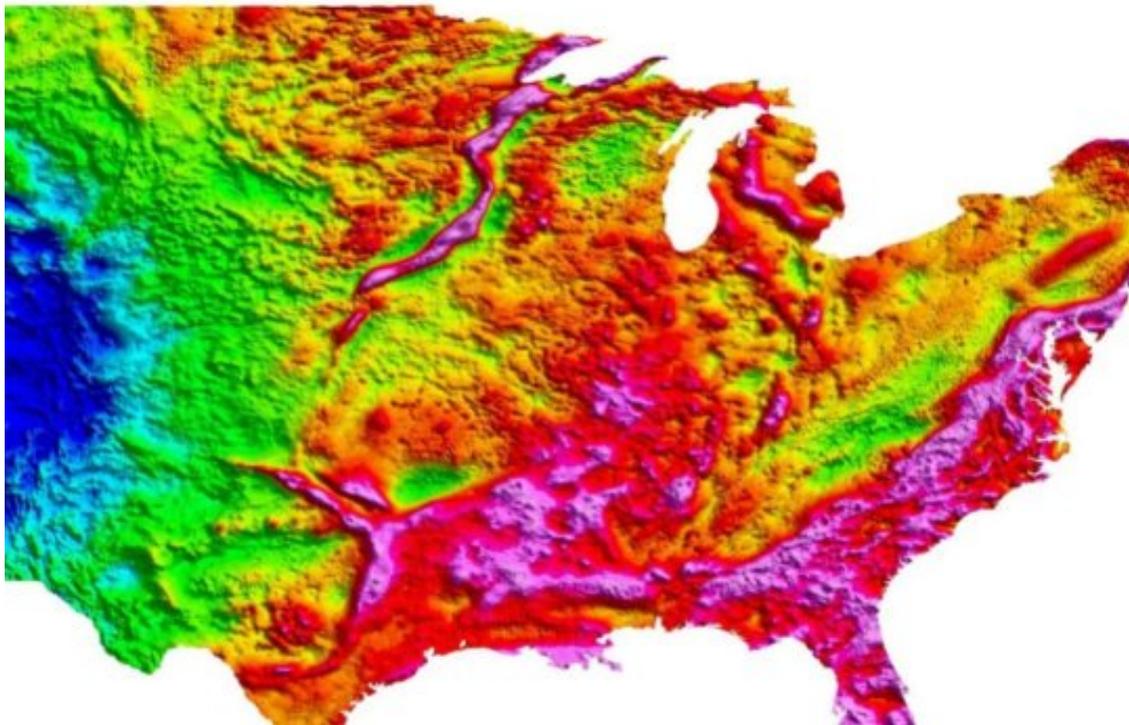
Cave in Rock Fluorite



Dense arrays of seismometers are letting scientists get a clearer look at a giant scar that underlies the American Midwest

by Washington University in St. Louis. Excerpted from [Science Daily](#) 10/19/16

Deep beneath the fertile flat farmland, there is a huge scar in the Earth called the Midcontinent Rift. This ancient and hidden feature bears silent witness to a time when the core of what would become North America nearly ripped apart.



Most of the gravity highs on this map (hot colors for high; cool ones for low) correspond with mountains or other topographical features. But the long snake-like gravity high heading south from the tip of Lake Superior is another story. There's nothing on the surface to explain its buried presence. Credit: Image courtesy of USGS

What is that thing?

The Midcontinent Rift was discovered by geophysicists who noticed that gravity was stronger in some parts of the upper Midwest than in others. In the 1950s and 1960s, they mapped the gravity and magnetic anomalies with airborne sensors. Shen is contributing to a session at the GSA dedicated to Bill Heinze, a geophysicist who helped discover and map the Midcontinent Rift.

But understanding of the rift then stalled until 2003, when the NSF funded Earthscope, a program whose mission is to use North America as a natural laboratory to gain insight into how the Earth operates. Read the rest of the article [HERE](#)