

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



September 2012 Volume 52 Number 7

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THE ROCKFINDER



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Volume 52 Number 7
September 2012

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.sauktown.com/Michiana), is a not-for-profit organization affiliated with the Midwest Federation of Mineralogical Societies
<http://www.amfed.org/mwff/> and with the American Federation of Mineralogical Societies
www.amfed.org

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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
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Etna Green, IN 46524

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



Kathy's Column - President Kathy Miller

In writing this message I decided to be more brief than usual. It is the 3rd week of August and our club's annual show is yet to come. The heat has finally broken so our members were able to enjoy a great day for our club picnic on August 12, Our turnout was enough to fill all the tables at the Park's Pavilion. I am looking forward to a successful weekend for our show; we have had excellent attendance in past years.

For all you current members, please make a point to attend the September 23, 2012 meeting. This meeting generally has visitors come who attended our show and possible membership into our Society. Updates on the show, 3 day bus field trip, Chairman reports, a good program along with our usual hospitality fare is another reason for attending!

Vice President Randy Hill was not able to attend the AFMS/MWF Convention in Minnetonka, MN as the Indiana State Director because of a recent operation [Continued on Page 2](#)

Up & Coming

Next Meeting:
September 23, 2012

Visitors are always welcome. Doors open at 1:30 and meeting starts at 2:00.

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

Program:
Gina Ronan
Metaphysical properties
of gems

Hospitality:
Sister Jeanne Finske
Sister Mary Mullegan
Patty Enos
Linda Miller

Board of Directors

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574-291-0332

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Show Chair: Marie Crull
574-272-7209

Sunshine: Sally Peltz
269-683-4088

Webmaster: Jim Daly
219-778-2196

Kathy's Column..... continued from Page 1

or Tom Noe who was to be our club Delegate because he was ill on his day of departure. In another article in this newsletter I am submitting a short Delegate Pro-Tem report of the convention.

As always I look forward to seeing everyone at the show and the September 23rd meeting.

I also have "breaking news" ...our former Club Editor, Jason Hefner, decided he'd rather stay in the area because he missed us so much!!



Jason has consented to resume his responsibility as MGM Editor again, which we welcome and appreciate. Thank you Jason! I also wish to thank Lori Vicars for helping us out with the last issues of the "Rockfinder", for someone who isn't into our hobby, Lori did a good job.

**Rock on,
Kathy**

Delegates Report for MWF Delegates Council Meeting by Kathy Miller

Saturday, July 28, 2012 10:00 a.m.
Minnetonka, MN

The meeting was well attended with Officers, State Directors, Delegates and Committee Chairmen along with a host of interested visitor/club members from throughout the Midwest. The MWF Parliamentarian, Anne Cook was unable to attend for health reasons so Interim Sharon Marburger filled in.

As reports were given the Insurance Chairman noted that for all clubs MWF Insurance dues will raise next year to an increase of \$3.75 per member or (.25) more per person. A dues notice will be put in the November MWF Newsletter to get club's membership to MWF Treasurer, Sandy Fuller by the first of the year. This enables clubs to get their club membership cards early in the year.

Forms for membership and the MWF Directory will be combined on one form sent out this year instead of two to get club information in a timely fashion to the MWF Directory Chairman.

Toledo, OH presented a breakdown of last year's summary of the MWF show regarding Delegate's attendance, and the show's overall finances. The overhead was given to the Midwest Federation at this current meeting.

Reports on MGMS 2012 Annual Club Show

I would like to thank everyone that helped getting ready for the show and who also worked at the show. Our next show will be AUGUST 23, 24 & 25, 2013. Please mark your calendars. This will be our 50th show and we want to make it extra special. Be prepared to give a little more time to the show next year. THANKS AGAIN FOR ALL YOUR HELP!

Marie Crull Show Chairman

The Michiana Gem and Mineral Society Annual Show was held August 24, 25 and 26, 2012 at the St. Joseph County 4-H Fairgrounds in South Bend. I was the Show Dealer Chair and Marie Crull was Show Chair. We had sixteen dealers: thirteen full-size booths and three half-size booths.

At the end of the show the dealers were solicited for comments. Most wished to return next year.

Thanks to all the MGMS Club members for your help and participation in the show. The dealers appreciate your efforts in again making it a success.

The date for the 2013 Michiana Gem and Mineral Society Annual Show is August 24, 24, & 25. It will be held at the same location.

Joe Perry, MGMS Show Dealer Chair

Come to the September 23rd meeting to find out more specifics regarding how the Show went. We look forward to seeing you at the meeting...



Working the Door.....



Kids Korner.....

More Club show pictures



Closing the deal. There were many beautiful specimens to be had and some truly exquisite jewelry for sale.



The demonstration areas were enjoyed by everyone who attended as well as the members displaying their skills.

American Federation of Mineralogical Societies News

From The Top! by Lauren Williams,

President Collected 09/05/12 from
http://www.amfed.org/news/n2012_09.pdf

Wasn't that a great show and convention that the Minnesota Mineral Club and Midwest Federation put on for us in Minnetonka, Minnesota? Many thanks need to go to Sandy Fuller and her show committee for all the hard work and many hours that they spent in preparing the show and meetings for us.



For most of us our local Club show is the main income producer that our club has. Our local club show gets our club name in front of the public and allows us to show others what we can do. Hopefully this will create a spark of interest in those visiting our show so that they will come to a meeting and join our club. Continued on Page 6

Midwest Federation of Mineralogical Societies News

Presidents Message by Cindy Root collected 9/2/12 from
[http://www.amfed.org/mwf/Newsletters/2012-09%20MWF%20News%20\(514\).pdf](http://www.amfed.org/mwf/Newsletters/2012-09%20MWF%20News%20(514).pdf)

What a wonderful weekend in Minnetonka! For those of you who didn't attend, you missed some great seminars, a wonderful show, and an entertaining speaker at the Saturday night banquet.

We left Tuesday after work and spent the night in Freeport, IL. As we normally do when attending MWF events, we took advantage of being in parts of the country we don't frequently get to by stopping in Galena, IL. We toured the U.S. Grant House and did some shopping (great yarn shop) before continuing on to Minnetonka.

During our weekend of MWF meetings, a lot was actually accomplished. But first, I would like to thank Sharon Marburger for acting as Parliamentarian in the absence of Anne Cook.

Harlan & Aletha Hoogeterp have agreed to serve as the new State Director for North & South Dakota. We have a new Club Rockhound of the Year Chair in Lee Herrera. Regina Kapta has agreed to serve as Public Image Chair and Marge Jensen will take over Insurance from June Young. Barbara Sky will replace Bob Miller as Uniform Rules Chair.

Continued on Page 8



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

Coming Events

September

14-16: HOLLAND, MI. Tulip City Gem & Mineral Club's Annual Show; Holland Civic Center, 150 W. 8th St.; Fri. 9-8, Sat. 9-7, Sun. 11-5; CONTACT: Ralland Malone, 616.820.5458, rallandm@aol.com .

14-16: LINCOLN, MO. Mozarkite Society of Lincoln, Inc.'s 53rd Annual Show & Swap; Lincoln City Park, Shelter House; Fri.-Sun. 8-5; CONTACT: Ted Bolich, 1201 S. 7th, Clinton, MO 64735, 660.890.4983.

22: HARPER WOODS, MI. Mt. Clemens Gem & Lapidary Society's Super-Mega Garage Sale & Swap; Amvets Post #57, 19730 Harper Ave.; Sat. 10-4; CONTACT: Sue Jansen, 313.527.7001 or Ron Rolfe, 586.726.1578, yrrdfe2@wowway.com .

22-23: COLUMBUS, NE. Loup Valley Gem & Mineral Society's Annual Show; Knights of Columbus Hall, 3115 6th St., CONTACT: Steve Hurt, 2405 13th St., 402.910.4576, sphurt@yahoo.com

22-23: HOWELL, MI. Livingston Gem & Mineral Society's Annual Show; Hartland Consolidated Schools, 9525 Highland Rd.; Sat. 10-6, Sun. 10-4; CONTACT: Chuck Amberger, 20815 Dixboro, South Lyon, MI 48178, 248.278.6586, camber459@gmail.com .

28-30: JOPLIN, MO. Tri-State Gem & Mineral Society's Rock-A-Thon; CONTACT: Joplin Museum Complex, 504 Schifferdecker Ave., 417.623.1180, jmc-cwiseman@sbcglobal.net .

29-30: TRAVERSE CITY, MI. Grand Traverse Area Rock & Mineral Club Annual Show; History Center of Traverse City, 322 Sixth St.; Sat. 10-5, Sun. 11-4; CONTACT: Lauren Vaughn, maple2b@aol.com, 235.276.6150.

29-30: OSHKOSH, WI. Oshkosh Earth Science Club's 41st Annual Show; Sunnyview Expo Center, 500 E. County Road Y; Sat. 9-5, Sun. 10-4; CONTACT: Ann Voges, 615 Monroe St., Neenah, WI 54956, 920.725.1640, hankemps@milwpe.com .

Delegates Report for MWF Delegates Council Meeting from page 2

For those interested, I will keep the MWF Finance reports, Endowment Fund report, Insurance report through Michiana's September 23, meeting.

To be voted on this fall for MWF Officers are President, Dennis Westman, 1st Vice President, Tony Kapta, 2nd Vice President Jim Marburger, Secretary Donna Moore, and Sandy Fuller Treasurer.

Next year the Midwest Federation of Mineralogical and Geological Societies Convention will be held in Lincoln, NB, April 6-7, hosted by the Lincoln Gem and Mineral Club. I have two packets of information for anyone interested in attending the Convention.

This AFMS/MWF Show/Convention was extremely well attended. One of the perks of going was to find out where Editor Jason Hefner placed in competition. Come to our meeting in September for those results!!

Kathy Miller, MGM Delegate Pro-Tem

From The Top! Continued from page 5

Once the new person shows up at our meeting, we introduce them to the individuals who do what they want to do or provide information about someone who does. In your own club, take the initiative to start the conversation; visitors are probably like deer in the headlights, standing there trying to figure out what is going on. Do not let them leave saying "no one even talked to me".

In our collective rush to lower costs by having club bulletins sent by e-mail to reduce postage costs, don't forget that you have to have something in hand to advertise your club and show for the public. You need to tell them what it is that you do or why they should take to time to come to your meeting and join your club. There are still many who do not like computers (or do not have them) and if you tell them to go on-line to find out about your club, they won't, but if you give them a sheet of paper with the same information, they can take that sheet of paper and put it on the fridge door or somewhere else and sometime at their leisure they will come to one of your meetings. My wife belonged to our local gem and mineral club for nine months before she finally got me to come to a meeting. In other words, to reach the most people a cookie cutter approach is not the best solution. Do not be afraid to try something new. Tradition was a new idea that started at some point in time in the past by someone. Be creative, if something does not work move on to the next idea. **Lauren**

Bowen's Reaction Series — by Kreigh Tomaszewski

In April we looked at the ten minerals in the Moh's Scale of Hardness. Turnout was small, but we had a productive meeting. May was another small meeting as we looked at the minerals in Bowen's Reaction Series. But we had some great specimens to examine as we explored the evolution of magmas during the cooling process.

Bowen and others in the early 1900s determined that specific minerals formed at various temperatures as a magma cools. The inverse of the sequence is that specific minerals melt in sequence during metamorphism as temperatures increase.

The sequence is usually depicted as a "Y". High temperatures at the top and low at the bottom (1400C to 800C). Mafic minerals at the top and Felsic at the bottom. Minerals at the top weather easily and those at the bottom are more durable.

The right hand stroke of the "Y" covers the Plagioclase feldspar group, descending from Calcium rich to Sodium rich. This forms a continuous sequence that goes into the stem of the "Y" where we descend from Orthoclase thru Muscovite to Quartz.

The left hand stroke of the "Y" forms a weird discontinuous sequence descending from Olivine, thru Pyroxene and Amphibole, to Biotite. Olivine may form first, but as the magma cools it reacts with the cooling melt to form Pyroxene, and so on. Different crystal lattices are stable at different temperatures. At lower temperatures the two branches merge.

We looked at Feldspars in May of 2010, but coming at them from a different direction deepened our appreciation of this most common mineral. And since we were talking about cooling magma, we also had some outstanding volcanic specimens of lava.

Our Mineral Study Group likes to learn about the science and practical uses of the minerals we study, but we also want to learn to hand identify them. Hand identification is a skill you learn from holding and studying many different specimens of a given mineral. We do our homework on the science and come prepared to discuss the mineral of the month, but we also dig through our collections and come with one or more specimens for everyone to handle. It was a small group this month, but we literally had boxes of fun specimens to look at.

The next meeting of the West Michigan MWF Mineral Study Group will be held on Tuesday, September 11, 2012, from 7pm to 8:30 pm, at the home of Kreigh Tomaszewski, 653 Burton St. S.E., Grand Rapids, MI 49507. We are going to study fluorescent minerals as we start our third year.

We try to start (and end) on time (we often finish a little early); please do not arrive more than 20 minutes early (everyone gets thrown out by 9). All West Michigan rockhounds are invited to attend. Please look up a few facts about fluorescent minerals, and bring some glowing specimens (and maybe a black light). I hope you can join us as we learn about minerals from each other (even if you can't bring any specimens).

MWF Presidents Message continued from page 5

Marge's information will soon be on the website. Remember to check with her for any insurance questions. During June's report, she indicated that those clubs looking for certificates need to send in their requests 14 to 21 days before the certificate is needed. The website should be updated within the next few days. I have a package from the Lincoln Gem & Mineral Club to add for next year's convention being held April 6-7. I also have a list of insurance exceptions from June Young that I will add for everyone's reference.

Please keep that in mind. The question of our insurance coverage was brought up and what we get for what we pay. There are Federations who pay as much as \$13 per person for insurance. If you think our federation needs more coverage, keep in mind that we will need to pay more. In terms of insurance, as with all things, if you feel the need to complain but aren't willing to help resolve the issues you think important, we won't get anywhere. Just as your clubs need new blood to continue, the Midwest Federation is always looking for people who are willing to serve.

We currently have two committees without chairs: Micromounts and Program Competition. During the Executive Committee Meeting, I appointed Kevin Ponzio to head a special committee for Thumbnails. In a year we will need to vote on whether or not to make it a permanent committee. What do we do about Micromounts? Do we have any members who continue to do Micromounts or is this a committee whose time is past? Let me know what you think. Hopefully I will have more information about Program Competition in the near future.

Preparations are being made for our 75th Anniversary. If you'd like to help, J.C. Moore is the person to contact.

There will be a youth poster contest headed by David Rich. You should be getting more information in the newsletter regarding this contest in the very near future.

The next meeting of the State Directors and the Executive Committee will be on October 6 in Springfield, Illinois. More specific information will be forthcoming and, if you're in the area, stop by

American Federation of Mineralogical Societies 2012 Bulletin Editors Contest results

4th Place – New Editor Category

The Rockfinder
Jason Hefner, Editor
Michiana Gem & Mineral Society
South Bend, IN (MWF)

Way to go Jason and thanks for all the hard work.

SALE NOTICE

I am downsizing my rock collection and have a large selection of items for sale including obsidian, crystal, jade, amethyst, fossils, petosky, jasper, tigerite, slabs & tumbling material, dinosaur bone, petrified wood, geodes, thunder eggs and more. Club members can reach me at my home phone 269-683-4088.

If you need more info, let me know.

Thank you very much,
David Peltz