

MWF News

Midwest Federation
of Mineralogical and Geological Societies

September 2018 - Issue No. 574

Web Site - www.amfed.org/mwf

Member of the American Federation of
Mineralogical Societies



PRESIDENT'S MESSAGE

David Root, President

It's that time of year, back to school. For those of us watching our children sending our grandchildren off to school, it brings back nostalgic memories. It's fun watching the excitement and enthusiasm those children have when discovering something new, and they have that experience nearly every day. This is something that we cynical old farts experience far too infrequently.



I enjoy watching the kids at our club meetings. The pride in their faces when they receive their Pebble Pup badges, the serious look on their faces as they decide what to bid on at the silent auction, and how their eyes get wide when they get a new specimen. It's good for an old man's soul.

It's also very good for the rock club. When I first got involved in the hobby and joined a club there was a bit of a controversy dividing the board. There were some who thought we needed to start a kids'

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BULLETIN EDITORS' COMPETITION IS ON!

Sharon Marburger,
Bulletin Editors' Aids Chair

DEADLINE: NOVEMBER 15, 2018

Due to the American Federation Convention being held March 23-24, 2019 in Cedar Rapids, Iowa, the deadline is extra early. Eligible entries include December 2017 through November 2018.

Hello, Editors. After another year of editing your club's bulletin, keeping your members informed about activities, and providing educational tidbits, it is time to gather your bulletin items to send for competition in the MWF Bulletin Editors' Contest, sponsored by the Midwest Federation of Mineralogical and Geological Societies.

It is nice when members appreciate what you do as Editor and to receive local praise, but it is also good to get recognition from the outside world. Club members who contribute articles, poems, features, or special publications also deserve recognition and encouragement. This contest is one way to earn that

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ROCK & GEM NEEDS YOUR CLUB INFO

Lynn Varon, Managing Editor
Rock & Gem Magazine

[Editor's note: Rock & Gem is the official magazine of the AFMS.]

The recently redesigned Rock & Gem website, www.RocknGem.com, is going to have an updated club listing section. Clubs will submit their listings via a form similar to the one used for show dates. I've added the option to identify their regional federation.

Once the form is ready to go live, **I will be deleting the entire club list and starting from scratch.** This will ensure that all club information is up to date and in the proper format.

I'm sending the word out to member clubs that they will need to resubmit their information. The new form is now on the website. The sooner clubs submit, the sooner we can repopulate the list.

There is also a reader survey on our Facebook page. We need members' feedback to help us keep our product relevant. Thank you.

PRESIDENT'S MESSAGE, CONTINUED

(Continued from page 1)

program and those who were very opposed to the idea. They thought having children at the meetings would be too disruptive. The kids would be running around, being noisy, touching things they shouldn't. In a nutshell, they thought that having children at the meetings would wreck it for everyone. And they won.

Well, a few years have passed since then and I'm happy to say that this same club now has a very vibrant and healthy youth program. I'm hoping that most of you reading this can say the same thing about your own clubs. If not, I would like to strongly urge you to reconsider.

Every volunteer organization I have ever been involved with has a core group of about 10% to 20% of the membership that fills all the positions required to run that organization. As the years go by these same people seem to move from position to position and back again, sometimes holding the same position for years.

But they get older. New younger members get fewer and fewer, the club is in decline and eventually they just decide to pack it in and disband. This is probably the main reason we lose clubs. It must be heartbreaking to those who have devoted 40 years to a club to see it fold.

Alas, what is the answer to this quandary? Children! Children bring their parents. Not all of these parents will get involved with the running of the club, but some will. And some of them will remain active when their children enter that Twilight Zone known as the teenage years.

And when those teenagers grow up, get married, and have kids of their own, what do you think the chances are they'll bring their kids to the rock club? Pretty good, I think.

October Issue Submission Deadline Is Sept. 5th!

BULLETIN EDITORS' COMPETITION IS ON!, CONTINUED

(Continued from page 1)

recognition. After being judged at a regional level, the submissions are forwarded to the American Federation of Mineralogical Societies ("AFMS") for competition nationwide. It is a wonderful feeling to walk away with a first, second, or third place trophy from the MWF or AFMS. Even receiving a certificate for a lesser place is still something special!

The 2019 Bulletin Contest packet contains the forms and instructions needed to enter your club's bulletin and the work of your authors. The contents of the packet will be posted on the MWF website, <http://www.amfed.org/mwf>. Contact me should you prefer a packet be mailed to you; contact information is at the end of this article.

The AFMS has made some changes for the 2019 competition:

Electronically generated drawn features will be permitted.

A club or society may enter more than one Special Publication if the subject and purpose differ.

Summary of General Rules:

The author and editor of the item must be a member of the club whose editor is submitting the item to the contest.

All entries must have been originally published during December 2017 through November 2018 only. They should not be revised in any way.

All entries (except Special Publications) must have been published in the club bulletin.

The subject matter must be related to some phase of the earth science hobby.

There should be no copyright violations.

Only one entry is allowed per author, per class, per club, except that any number of special publications may be entered. (See below for specific information for contest submissions.)

Bulletins: Mini Bulletins (6 pages or less); Small Bulletins (7 to 11 pages); Large Bulletins (12 pages or more); New Editors (any number of pages)

Articles/Features/Poetry/Drawings: Original Articles, Adult; Original Articles, Adult Advanced; Original Articles, Junior (ages 12-17); Original Articles, Junior (under age 12); Original Adult Poetry; Original Junior Poetry; Written Features; Drawn Features; Special Publications.

Entries of bulletins and special publications must be "original printings" exactly as distributed to the club members. (Exception: If the item was distributed only by electronic mail or on CD/DVD, then a "hard copy" must be submitted on one-sided paper.)

Entries of articles, poems, and features should be sent as actual pages from the bulletin. Photocopies of an entire page are acceptable if the page includes the bulletin title, date, and page number. Be sure to include any continuation pages.

If a club belongs to more than one regional federation, the editor must pick only one federation contest to enter. If a club has more than one bulletin, only one may be entered in competition.

The act of entering the contest constitutes the granting of permission to the MWF, the AFMS, and their member clubs to reprint any materials entered, provided the author and the name and date of the original publication are properly credited.

How to Enter the Contest:

The MWF contest uses basic AFMS contest rules with some modifications, as shown below. The complete AFMS rules and some interesting essays by expert judges are posted on the AFMS website at: <http://amfed.org/editor/BEAC/contest.htm>.

Read all the General Rules, Additional Rules, and Score Sheets that pertain to the item(s) to be entered.

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BULLETIN EDITORS' COMPETITION IS ON!, CONTINUED

(Continued from page 3)

Select the proper score sheet for each item. Make as many copies as needed for all intended entries.

Fill out the information at the top of each score sheet, down through the CLUB CITY/STATE/ZIP line. Do not mark anything below that line – the BEAC or the judges select which criteria to use. Use the fillable forms on the website. If you cannot use the online forms, please print clearly and include the 5-digit or 9-digit zip code in the editor's address, since contest results may be mailed there. The club's address is optional except for city and state.

To enter your bulletin:

Submit two copies of the February 2018 bulletin. If your bulletin did not have a February issue, submit the nearest one before February.

Attach the proper score sheet with the required information to each of the copies.

To enter anything other than your bulletin:

Submit two copies of each selection. Attach the proper score sheet with the required information to each of the copies.

If the author is a junior member, be sure to include the age of the author at the time of the publication so that the entry may be judged appropriately.

The BEAC Chairman will accept either e-mailed submissions or those sent via U.S. Mail. E-mail PDF entries no later than November 15, 2018, to the BEAC Chairman at mamamar7880@outlook.com. Mail paper entries, postmarked no later than November 15, 2018, to the BEAC Chairman:

Sharon Marburger
P.O. Box 64
Hickman, NE 68372-0064

For confirmation of delivery, include your e-mail address or a self-addressed, stamped postcard.

Eligibility of Previous Winners:

If a bulletin won a first-place MWF trophy in 2018, it is not eligible for MWF competition in any bulletin class in 2019, unless it has a new editor. The new editor may enter in the New Editors competition.

If a bulletin won first place in the MWF in 2018 but did not win first place in the AFMS, it is eligible to compete in the AFMS this year. The editor should send two copies of any one issue to the BEAC, with the label "FOR AFMS" on the score sheets.

Authors and editors who won a first-place MWF trophy in any class other than bulletins in 2018 are not eligible for MWF competition in that same class in 2019, but they may compete in another class. (For example, the author of the first-place adult advanced article could compete in special publications, features, or poetry.)

Articles, features, and poems are eligible from any bulletin regardless of the bulletin's prior award status.

The first-, second-, and third-place MWF winners in each class will be submitted, by the MWF BEAC Chairman, to the AFMS Bulletin Editors' Contest, unless they are ineligible due to being a first-place winner in the previous two years of the AFMS contest. Do not send your entries directly to the AFMS.

If you are unsure whether a bulletin or author is eligible to compete in the MWF, check the listing on the MWF website or contact the BEAC.

Please check the MWF website for further information. If you still have questions, please contact Sharon Marburger, 402-429-3323, email address mamamar7880@outlook.com.

I look forward to reading your submissions!
Good luck!





FINAL NOTES ON THE MWF CONVENTION

Carole Harp, Secretary
Lincoln Orbit Earth Science Society (Illinois)

As I write this, summer is drawing to a close and the MWF convention is fast approaching. In this final article, I will cover several last-minute details.

First, if you mailed your registration and I have not acknowledged that I received it, please contact me immediately.

On Friday, October 5th we will have a meet and greet with light refreshments. If you think you might be attending, I would appreciate you letting me know. This will give us a general idea of how much food to purchase.

We do have two field trips planned. On Thursday, we have scheduled a tour of the Illinois State Museum's Research and Collections Center. You will tour the geology, zoology, and archaeology collections, and the prep lab. This tour will be limited to 30 people. A time for the tour has not yet been determined. On Friday, there will be a tour of the Funk Gem and Mineral Museum and Prairie Home at 1:00. To sign up for these trips, please contact me by September 28th at thequirkyquiller@gmail.com or 217-414-0239.

The Illinois State Museum is generously donating admission passes for those of you wanting to visit the museum. Passes are only needed for people ages 13-64.

Finally, regarding the silent auction: If you have items for the silent auction, you have several drop-off options. First, you can bring them on Friday to the meet and greet. Second, I will be in the lobby of the Northfield Inn and Suites between 7:30 and 9:30 a.m. on Saturday morning. Lastly, you can drop off items at the silent auction area anytime during our show. **Be sure and use a colored sheet for your bid slips.** If anything is printed on white, the money will go to LOESS. All colored slips will go to the MWF.

I think that covers everything. If you have any questions about anything, please feel free to contact me at the email address or phone number above. We are really looking forward to meeting all of you in October.

MWF CONVENTION DELEGATES SOUGHT

Tony Kapta, MWF Credentials Chair

The Midwest Federation's 78th Annual Meeting will be held in conjunction with the annual 2018 show of the Lincoln Orbit Earth Science Society October 6th and 7th, 2018. The show will be held at the Illinois State Fairgrounds, 801 E. Sangamon Avenue, Springfield, Illinois.

The Council of Delegates Meeting will be held at the Knights of Columbus Hall, 2801 West Street in Springfield. Each member club/society is entitled to one (1) Delegate and one (1) Alternate to represent them, although each club is only entitled to one vote.

On the next page is a Delegate Registration form that needs to be filled out and then signed by the President of your club. This form was also mailed to each club with the convention packet and will be available on the MWF website. The form on the website can be typed out on your computer, printed, signed by the President of your club and mailed to me, Tony Kapta, 1483 E. Wood Street, Decatur, IL 62521, or scanned and emailed to me at cigmc@comcast.net.

This is your club's chance to send a representative to the annual meeting and vote on the business which will be before the members of the MWF. This also allows your delegate to report back to the club on what business was discussed during the meeting. Last, it allows your club to be represented at an MWF function and give your delegate an opportunity to meet the representatives of other clubs and the Officers, State Directors and Committee Chairs of the MWF. There is also the added benefit of being able to attend a great gem, mineral and fossil show.

These are important points to consider for all MWF clubs, and I urge you to carefully consider sending a representative from your club to the MWF Annual Meeting. I realize that the trip is a financial burden, as it is to me as well as all of the people who have been gracious enough to donate their time and money to take care of the business of making the MWF work for you, the clubs. Helping other clubs is as important a part of having a club as any of the other things that we do. Hope to see you there!



**MIDWEST FEDERATION OF MINERALOGICAL AND GEOLOGICAL SOCIETIES
COUNCIL MEETING
DELEGATE REGISTRATION
Saturday October 6th, 2018**

The Midwest Federation's 78th Annual Meeting will be held in conjunction with the annual show of the Lincoln Orbit Earth Science Society October 6th and 7th, 2018. The show will be held at the Illinois State Fairgrounds, 801 E. Sangamon Avenue, Springfield, Illinois. The Council of Delegates Meeting will be held at the Knights of Columbus Hall, 2801 West Street, Springfield, Illinois. Each member club/society is entitled to one (1) Delegate and one (1) Alternate* to represent it.

The MWF Council of Delegates Meeting will convene Saturday, October 6th at 1:00 p.m., with the delegate registration beginning at noon at the Knights of Columbus Hall. The Delegate appointed by your club or society will represent your interests, and may bring up pertinent discussions and proposals. However, in order to expedite matters, if your society intends to have its Delegate present any special motion at the meeting, please notify MWF President David Root and MWF Secretary Donna Moore as to the nature of the subject so that it may be placed on the agenda. This needs to be presented in written form. This should be done at least one month prior to the meeting.

*Each club is entitled to one vote. An alternate may vote in the absence of a Delegate. Guests are invited, but will not be able to vote.

Please cut out this form and return it to:

Credentials Chairman Tony Kapta

1483 E Wood St, Decatur IL 62521

217-233-1164, email cigmc@comcast.net

Before September 1st, 2018

(DO NOT send this form to the show registration committee)

THANK YOU FOR YOUR PROMPTNESS

MIDWEST FEDERATION DELEGATE REGISTRATION FORM
PLEASE PRINT OR TYPE TO AVOID ERRORS

THIS IS TO CERTIFY THAT _____
Name of your club on this line

OF _____
City and State on this line

HAS APPOINTED THE FOLLOWING DELEGATE TO THE MWF 78TH ANNUAL MEETING :

DELEGATE _____

ADDRESS _____ EMAIL _____

ALTERNATE _____

ADDRESS _____ EMAIL _____

DATE _____ SIGNED _____
CLUB PRESIDENT

**DONATE TO THE SILENT AUCTION AND HELP RAISE FUNDS FOR MWF**

Susan Stanforth, Silent Auction Chair

Dear RockFRIENDIES: As you know, the Midwest Federation will be holding its annual convention in Springfield, Illinois, on October 6th, in conjunction with the Lincoln Orbit Earth Science Society's ("LOESS") show October 6th and 7th. We will be joining up with LOESS to run our fabulous auction together. You will have a wonderful time finding great value and great fun at this auction.

I encourage you to bring donated items to: 1) the Meet & Greet Friday night, October 5th; 2) me – I'll be at the host hotel; 3) the auction area. To keep everything squared away, please use bid sheets on the MWF website, but print in different colors other than white. The LOESS club will use white bid sheets; MWF will use colors. And I will have bid sheets available at the convention, so look for me.

This is my fourth year of organizing the Silent Auction and I have been very pleased to be part of it. THANK YOU!!!!!!

ALL AMERICAN CLUB AWARD ENTRIES WILL HELP RAISE AWARENESS OF YOUR CLUB

JC Moore, Merit Awards Chair

The All American Club Award was established to encourage clubs to share their activities and expertise with other clubs within their respective regions and with the clubs of the American Federation of Mineralogical Societies. This was done by the seven regional federations and the AFMS in 1967. It was also meant to provide an organized approach to an historical record of a club's activities, and provide a means for national recognition of these exceptional clubs.

The Award focuses on the efforts of each club to be a good neighbor, support other clubs and government initiatives, and provide an avenue of learning and growth for its members, among other things. Each report is read and judged for completeness and quality, as well as inclusion of those activities thought to make a well-rounded club. This is not a competition between clubs, but rather a competition of each club against a "national standard," established by a committee of judges and regional chairmen.

The Award is broken into two categories: large clubs (100 members or more) and small clubs (less than 100 members). Junior clubs with five or more members can also submit entries. Gold, Silver and Bronze awards are given, based on a point-count system.

Since the American Federation and the Midwest Federation conventions will be held at the end of March this coming year, all entries are due **January 15, 2019**. While this is earlier than in previous years, I hope that you will take the time to record the activities of your club during 2018. The application and score sheets will be available on the American Federation website (amfed.org). Send your submissions to:

J.C. Moore, Merit Awards Chair
25235 N. Illinois Highway 97
Cuba, IL 61427

If you have further questions, my email address is jcmoore3rd@gmail.com. Again, I hope you will take the time to prepare a history of your club for the past year.

MYSTERY OF THE CAROLINA BAYS REVIEW

Jordan Marché
From the December 2017 Badger Diggin's
Badger Lapidary and Geological Society, Monroe, WI

Review: *Solving the Mystery of the Carolina Bays*, by Antonio Zamora. Zamora Consulting, LLD, 2015.

This book, along with a follow-up paper by the same author published in the peer-reviewed journal *Geomorphology* (2017), has reopened consideration and debate surrounding one of the most controversial topics within that discipline, namely, the origin and age of the so-called Carolina Bays.

These shallow, elliptical features, up to 11 km in length (though most are under a kilometer in size), share a common northwest-to-southeast orientation, comparably shaped outlines (having width to length ratios ca. 0.58), and are best exposed on the coastal plain regions of North and South Carolina, though they extend considerably north and south from that area. Most significantly, in recent years, a comparable though smaller set of "bays," termed the Nebraska Rainwater Basins, has been recognized, but which have an orientation roughly *perpendicular* to the Carolina Bays.

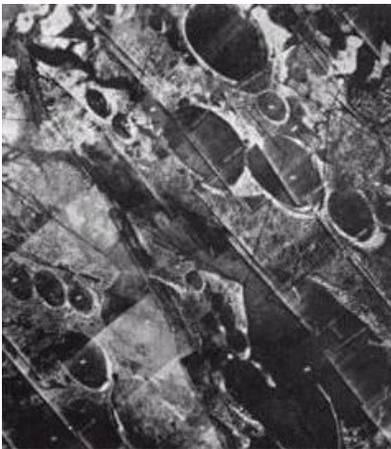


Photo of the Carolina Bays from the National Oceanic and Atmospheric Administration, via Wikimedia Commons.

The cause of formation of the Carolina Bays has been one of the long unsolved mysteries in geomorphology (the study of landscape origins), and

DEADLINE CALENDAR

Delegate registration for MWF Convention: **Sept. 1, 2018**. See article and form, pp.5-6.

Sign up for convention field trips: **Sept. 28, 2018**. See article, p. 5.

MWF Convention, Springfield, Illinois: **Oct. 6-7, 2018**. See MWF website and articles on p. 5-7.

MWF Bulletin Editors' Competition deadline: **Nov. 15, 2018**. See article on p. 1.

MWF All American Club yearbooks deadline: **Jan. 15, 2019**. See article on p. 7.



over the years has drawn a variety of impact explanations as well as traditional, or uniformitarian, explanations, though none of the theories has gained consensus. This work offers a set of new and innovative hypotheses and interpretations regarding the formation of the bays, and, if correct, might even serve to explain the disappearance of the North American megafauna and Clovis-age culture that inhabited the continent near the end of the last Ice Age.

The author, an interdisciplinary scholar with strengths in chemistry and computer science, has put forward the theory that the Carolina Bays (and Nebraska Rainwater Basins) were formed through the *secondary* impacts of glacial ice boulders, released at ballistic speeds by the impact of an asteroid or comet on the Laurentide Ice Sheet, somewhere in the vicinity of the eastern Great Lakes, in the period around 12,900 years ago. It is called the Glacier Ice Impact Hypothesis, or GIIH. This time frame corresponds to the onset of the Younger Dryas stadial (or cold spell) that saw a return to glacial conditions that lasted for roughly another thousand years.

The ejected glacial ice boulders traveled as far as 1,500 km, many having reached above Earth's atmosphere during their short flights before impacting the surface at a shallow angle of about 35 degrees from

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SOLVING THE MYSTERY OF THE CAROLINA BAYS REVIEW, CONTINUED

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the horizontal. They gouged out the aligned, elliptical-shaped depressions that are preserved today. Author Zamora has also demonstrated, through some simplistic modeling techniques, that the “craters” which were originally made on somewhat-fluid ground have since slumped or settled back into the shallow depressions seen today by “viscous relaxation,” without much further disturbance to the original stratigraphy.



Photo of a dozen or more of the Carolina Bays northwest of Red Springs, North Carolina. Photo by Swampmerchant, via Wikipedia Commons.

This argument also seemingly addresses the issue of previous discrepancies in dating formation of the bays, with results spanning 140,000 years.

In addition, the hypothesis makes several testable predictions – namely, that the southeastern ends of many depressions produced overturned flaps with inverted stratigraphies, and that erratic boulders carried by the impacting ice projectiles might be found buried underneath the elliptical depressions. Investigations could thereby serve to clarify or refute the author’s GIIH.

One might not accept everything that Zamora has claimed to be true about the formation of the Carolina Bays by the GIIH. Nonetheless, from the accumulated weight of evidence regarding their shapes,

orientation, “stacking,” and subsequent “viscous relaxation,” hardly any other explanation seems plausible. Even the notion of considerable ice crystal ejection into the atmosphere, and subsequent cooling of the climate, bears serious consideration as a cause of the Younger Dryas cold spell.

The fact that these same ideas have recently been published within a professional journal indicates that the GIIH, however outlandish it may at first appear, will receive further review and scrutiny from Zamora’s peers. Much the same level of disbelief accompanied publication of the Alvarez hypothesis regarding an asteroid impact as the explanation of the mass extinction of dinosaurs and other reptiles at the end of the Cretaceous Period. But that hypothesis has now been almost universally accepted. Time will tell whether Zamora’s GIIH will receive a similar level of acceptance in the future.

[Jordan Marché is the author of “The Green Menace: Emerald Ash Borer and the Invasive Species Problem.”]

EVOLUTION OF A ROCKHOUND

By Kreigh Tomaszewski, President
Indian Mounds Rock and Mineral Club (Michigan)

When I was three years old I found a pretty blue rock in my driveway and brought it into the house and gave it to my mom. We were living in Arizona at the time while my dad was going to school. A year or so later my dad graduated and the family moved back to Grand Rapids, Michigan. Five years later I had joined, along with my good friend Doug Moore, the Grand Rapids Mineral Society that was meeting at the Public Museum. Our parents took turns taking us to club meetings. On Saturdays I would take the bus down to the museum for geology/earth science classes with Mary Jane Dockery, and lapidary classes as well.

The club’s “show” was exhibiting our collections for a month in the exhibit windows of the museum’s main hall. My first full window exhibit was a display featuring my efforts to achieve the Geology

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UPCOMING EVENTS

Date and Time	Organization	Place	Contact
Aug. 25 Sat, 8-4	Chippewa Valley Gem & Mineral Society	Grounds of the Eau Claire Expo Center, Lorch Avenue, Eau Claire, WI	Paul Tubbs, bizpam1@gmail.com
Aug. 25 Sat, 10-5	Racine Geological Society rock swap	Bartlett Youth Foundation, 1120 N. Stuart Road, Mt. Pleasant, WI	John Lowman, Lowman.John@sbcglobal.net
Aug. 25-26 Sat 9-6, Sun 9-4	Ozark Earth Science Club	Baxter County Fairgrounds, 1507 Fairgrounds Drive, Mt. Home, AR	Sharon Waddell, 417-274-8712
Aug. 25-26 Sat 9-5, Sun 10-5	Geology Section, Peoria Academy of Science	East Side Centre, 1 East Side Drive, East Peoria, IL	Jim Travis, boatnick@aol.com
Sept. 7-9 Fri & Sat, 10-7, Sun 10-4	500 Earth Sciences Club	Hancock County Fairgrounds, 620 Apple, Greenfield, IN	Cheryl Hamilton, clhamilton1951@gmail.com
Sept. 7-9 Fri 2-8, Sat 10-6, Sun 11-5	Toledo Gem & Rockhound Club	Stranahan Exhibit Hall, 4645 Heatherdowns, Toledo, OH	Steve Shimatski, sjs132@gmail.com
Sept. 8 Sat. 10-3	Coulee Rock Club sale & swap of rocks & equipment	Stoddard Village Park, 500 Division St., Stoddard, WI	608-786-1583
Sept. 14-16 Fri 10-8, Sat 10-7, Sun 11-5	Tulip City Gem & Mineral Club	Soccer Stop Sportsplex, 5 River Hills Drive, Holland, MI	Sue Goedert, sonbeams2000@yahoo.com
Sept. 15 Sat, 9:30-4	Rock River Valley Gem & Mineral Society rock swap	Odd Fellows Lodge, 6219 Forest Hills, Rockford, IL	Duane Cushing, tedc78@comcast.net
Sept. 15-16 Sat 10-5, Sun 10-4	Livingston Gem & Mineral Society	Hartland Educational Support Center, 9525 E. Highland Road, Howell, MI	Ed Oller, 810-241-8801
Sept. 21-23 Fri & Sat 9-5, Sun 9-3	Mozarkite Society of Lincoln	Mike Hare Memorial Field, Cole Camp, MO	Karl David Parsons, mozarkiterocks@gmail.com
Sept. 22 Sat, 9-1	Kalamazoo Geological and Mineral Society rock swap	Parking lot, St. Michael Lutheran Church, 7211 Oakland Drive, Portage, MI	Dennis Guy, dguy3@charter.net
Sept. 28-30 Fri & Sat 9-5, Sun 9-3	Tri-State Gem & Mineral Club	Joplin Mineral Museum, 504 Schiffer-decker Ave., Joplin, MO	Chris Wiseman, jmc-cwiseman@sbcglobal.net
Sept. 29-30 Sat. 10-6, Sun 10-5	Brown County Rock & Mineral Club	Brown County History Center, 90 E. Gould Street, Nashville, IN	Rhonda Dunn, BCRM2010@gmail.com
Sept. 29-30 Sat 10-5, Sun 11-4	Grand Traverse Area Rock & Mineral Club	Cherryland VFW Hall, 3400 Veterans Drive, Traverse City, MI	Pierre LaFolle, Pals0210@gmail.com
Sept. 29-30 Sat 10-5, Sun 10-4	Midwest Mineralogical & Lapidary Society rock swap	Wayne County Fairgrounds, 10871 Quirk, Belleville, MI	Bill Barr, wbarr@umich.edu
Sept. 29-30 Sat 9-5, Sun 10-4	Oshkosh Earth Science Club	Sunnyview Expo Center, 500 E. County Road Y, Oshkosh, WI	Ann Voges, hankemps@milwpc.com
Oct. 6-7 Sat & Sun, 9-5	Central Arkansas Gem, Mineral & Geology Society	Community Center, 5 Municipal Drive, Jacksonville, AR	John Schoeneman, schoeneman@hughes.net

Earthaven Museum, a nonprofit group in Gillett, Wisconsin that offers exhibits, offsite presentations, and field trips about earth sciences, will hold a sale of specimens, lapidary equipment, and collecting equipment Friday and Saturday, Sept. 7th and 8th, 9 a.m.-4 p.m. 7599 Fifield Road in Gillett.

UPCOMING EVENTS

Date and Time	Organization	Place	Contact
Oct. 6-7 Sat 10-6, Sun 10-5 This will be the show held in conjunction with the MWF annual convention.	Lincoln Orbit Earth Science Society (LOESS)	State Fairgrounds, Orr Building, 801 Sangamon Ave., Springfield, IL	Ed Wagner, loesseditor@gmail.com
Oct. 6-7 Sat 9-6, Sun 10-5	Nebraska Mineral and Gem Club	Westside Middle School, 8601 Arbor, Omaha, NE	Bruce Sturges, bsturges@yahoo.com
Oct. 12-14 Fri 9-6, Sat 10-7, Sun 11-5	Michigan Mineralogical Society	Macomb Sports & Expo Center, Bldg. P, 14500 E. 12 Mile Road, Warren, MI	John Peters, joopett13@hotmail.com
Oct. 13-14 Sat 9-5, Sun 10-4	Loup Valley Gem & Mineral Society	Outreach Center, 1 st United Methodist Church, 3602 16 th Street, Columbus, NE	Deb Gonsior, loupvalleynew@gmail.com
Oct. 19-21 Friday 6-9, Sat 10-6, Sun 11-5	Central Michigan Lapidary & Mineral Society	Main Arena, County Fairgrounds, 700 Ash Street, Mason, MI	Roger Laylin, l.r.laylin@gmail.com
Oct. 19-21 Fri & Sat 10-6, Sun 11-5	Three Rivers Gem & Mineral Society	County Fairgrounds, 2726 Carroll Road, Fort Wayne, IN	Russell Greim, 3riversshow@gmail.com
Oct. 20-21 Sat 9-5, Sun 10-4	Des Moines Lapidary Society	Elwell Family Center, State Fairgrounds, 3000 E. Grand Ave., Des Moines, IA	Karen Leibold, kcleibold@aol.com
Oct. 20-21 Sat & Sun, 10-5	Flint Rock & Gem Club	Carter Middle School, 300 Rogers Lodge Drive, Clio, MI	Bill Wendling, bwrockbarn@centurytel.net
Oct. 20-21 Sat 10-5, Sun 10-5	Minnesota Mineral Club	Nat. Guard and Community Center, 8180 Belden Blvd., Cottage Grove, MN	Maureen Scaglia, mascaglia@comcast.net
Oct. 20-21 Sat 10-5, Sun 10-4:30	Ozark Mountain Gem & Mineral Society	Springfield Expo Center, 635 St. Louis, Springfield, MO	Larry Lillich, larrylillich@outlook.com
Oct. 20-21 Sat & Sun, 10-5	South Suburban Earth Science Club	Prairie State College, 202 St. Halsted, Chicago Heights, IL	Jan Podbielski, jan@janskidesigns.com
Oct. 27-28 Sat 10-6, Sun 10-5	Akron Mineral Society	Emidio & Sons Expo Center, 48 E. Bath Road, Cuyahoga Falls, OH	Sandy Shorter, Gemboree@outlook.com
Oct. 27-28 Sat 10-5, Sun 10-4	Evansville Lapidary Society	Newsome Community Center, 100 E. Walnut Street, Evansville, IN	Sara Rappee, sararappee@yahoo.com
Oct. 27-28 Sat 10-6, Sun 10-5	Summit Lapidary Club	Emidio & Sons Expo Center, 48 E. Bath Road, Cuyahoga Falls, OH	Gujo Kotch, Gemboree@outlook.com
Nov. 3-4 Sat & Sun, 9-4	Mid-Michigan Rock Club	Chippewa Nature Center, 400 S. Badour, Midland, MI	Debra Young, debiyoung50@yahoo.com
Nov. 3-4 Sat 10-5, Sun 10-4	Racine Geological Society	Fountain Hall, 8505 Durand Ave. (Highway 11), Sturtevant, WI	John Lowman, Lowman.John@sbcglobal.net
Nov. 10 Saturday, 10-5	Gem City Rock Club	Community Room, Quincy Mall, 32 nd & Broadway, Quincy, IL	Jane Huelsmeyer, jhuelsm@gmail.com
Nov. 10-11 Sat 9-5, Sun 10-4	North West Illinois Rock Club	Highland Community College, 2998 W. Pearl City Road, Freeport, IL	Brian Green, bgreen57@hotmail.com
Nov. 12 Mon, 7 p.m.	Michigan Mineralogical Society	Cranbrook Institute of Science, 39221 Woodward Ave., Bloomfield Hills, MI	Brad Zylman, bzyzman@twmi.rr.com

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EVOLUTION OF A ROCKHOUND, CONTINUED

(Continued from page 9)

Merit Badge with the Boy Scouts. It was my first Merit Badge on my quest to become an Eagle Scout.

By this time I was also a Lapidary, trained by Gerald Morris, the "Petoskey Stone Man," who was responsible for making the Petoskey Stone the State Stone of Michigan in 1965. He lobbied for years for the designation and I will always remember the club meeting where he held up the proclamation and announced the official confirmation. I learned that it is possible for one person to make a difference.

I followed the typical rockhound cycle. By the end of high school and into college I drifted away from the hobby as I pursued an education, a career, and a family. And the family brought me back to the hobby. We needed communal activities that were fun and educational. And it renewed my passion for studying and collecting the minerals that come out of the earth.

Fast forward to my 35th birthday. I'm starting to have a serious collection and a passion for the hobby. My mom goes into her jewelry case, pulls out the turquoise specimen I gave her decades ago, and gives it

back to me. Yes, I actually have my first collected rock specimen.

By then my original rock club had faded into history and I was an independent rockhound with a website. Someone in Ohio who knew Ed Benjamin (the Indian Mounds Rock and Mineral Club's award-winning bulletin editor of many years) eventually connected the dots and got Ed to invite me to join the club.

Rockhounding has given me many decades of joy. I am a systematic mineral collector with a goal of having a type locality specimen of every known mineral. I love the science. I love collecting. I love lapidary (and am now moving up to faceting). My wife more is into sparkles and field collecting.

But I have reached the point of also wanting to give back to the rockhounding hobby that has given me so much pleasure over the years. And I have found that it is rewarding on another level. I get to help mentor the next generation of rockhounds. Club leadership is another rung up on the ladder of rewards and challenges.