



# ARROWHEAD NEWS

Wyoming, Michigan



**Bob Beauvais showing how to do micro-mounts**

**Photos by Nancy Spalenka**

**March 2011**  
Volume#48 #5

**[www.IndianMoundsRockClub.com](http://www.IndianMoundsRockClub.com)**

*Welcome to the ARROWHEAD NEWS,  
Official publication of the Indian Mounds Rock & Mineral Club of Wyoming, Michigan.*



# Arrowhead News

## Visitors are welcome at all Meetings! When & Where



**Club Meetings** are held at 7:00 PM on the third Tuesday, September through May, and take place in the fellowship hall located in the basement of the Wesley Park United Methodist Church. The church is on the corner of Michael and 32<sup>nd</sup> Street, south of 28<sup>th</sup> Street, in Wyoming.

At 6:30 PM, on the third Tuesday, June through August, our club has a **picnic** at Pinery Park in Wyoming, which is on DeHoop just north of 28<sup>th</sup> St. Our usual spot is behind the north parking lot on the west side of DeHoop. Bring a dish to share, your own drinks, and table service.

**Board Meetings** are held right after the club meeting, or by special announcement on the fourth Tuesday of the month.

**Club Membership** dues are \$15 per family, \$10 per individual and \$5 per junior. Payment is due by the third Tuesday of September and is for the following January – December. **New** members that join at or after the annual show, pay only one-half of the yearly dues for the current year. Membership includes 9 issues of the Arrowhead News.

## Who's Who

*Our Executive Committee*

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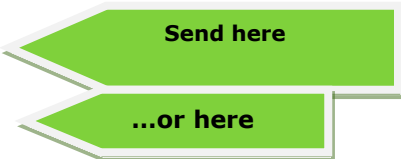
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The **subscription rate** for the **Arrowhead News** is just \$8.00 per year. Article submission is due to the Editor **before** the 25<sup>st</sup> of the month. Recent back issues of the Arrowhead News are available on our website.  
<http://www.indianmoundsrockclub.com/Arrowhead%20News.htm>

# Arrowhead News



## Our 36th Annual Gem & Mineral Show

We would like to thank all of our IMRMC members who helped us at the show while I am recuperating from my back surgery. A very special thanks to John & Julie Donker's for all their help both at our home and at the Hudsonville Library with our pre-show display at the library.

Don & Lois Van Dyke

Gem & Mineral Show note: THANK YOU everyone who made donations to the club sales table at the show. \$116.50 was made from 22 items that were sold. THANK YOU to the following who donated specimens for the Memorial Case: Steve Crabbs, Julia & John Donker, Jim Elliott, Terry & Bobbie House, Roger King, Dave Lehker, Gordon Spalenka, Kreigh Tomaszewski, and Don Van Dyke

I extend a very hearty "thank you" to everyone who assisted in any way to make the Club's 36th Annual Show a success! Whether your role was large or small, please be assured that it was important and much appreciated! Although April 2012 seems a long way off, it will be here before we know it, so let's all get behind John Donker, our new Show Chairperson, and give him all the help and encouragement we can in planning and organizing the 37th Annual Show!

John Kuipers

## PROGRAM REVIEW April- Nancy Spalenka

Rainy weather didn't keep fifty people from attending the Annual Spring Banquet and program on April 19. Our thanks to Nancy Richardson for the delicious punch; to Roger Horvater for preparing the delicious ham/pineapple; to Carol and Grace Robinson for filling the nut cups; to Terry and Bobbie House for the interesting fossil and butterfly table decorations; and to Rhonda Leep for the printed programs. Our thanks also to Bobbie and Terry for giving the fossils decorations as door prizes.

Our speaker, Christopher Noto, PhD., Visiting Professor in Biomedical Sciences at GVSU, gave an excellent power point presentation on the subject, "Why Study Fossils.?" He said that fossils are our only evidence of past life. Due to technology our knowledge is increasing. Just like trees, the rings in the bones of fossils tell how fast the animal grew. It is possible to tell the color of feather fossils by the cell structure. Bacterial infections left holes in dinosaurs that are the same as those found in birds today. CT scans tell us what was inside the fossils. He also gave some information about Borealosuchus, the crocodile we had on exhibit at the gem and mineral show. It lived during the Paleocene era in a subtropical swampy lowlands and forests.

Thanks again to everyone helping to put the tables back in place following the program. ns



## Rocks & Minerals

### 2011 Summer Super Sale

**Host: Indian Mounds Rock & Mineral Club**

**Date: Saturday, June 11, 2011 9 am to Noon (Rain or Shine)**

**Place: Wesley Park United Methodist Church 1150 32<sup>nd</sup> Street SW Wyoming, Michigan**

**Admission: Free! Free! Free!**

**Sellers & Dealers: Anyone may sell; no table charge, but 20% of total sales is paid immediately to Club.**

Club members and local rockhounds are invited to buy and sell anything & everything; generally rock-related items, but if it sells, bring it! There will be tables & tailgates full of bargains – outside in the parking lot if the weather is nice; or inside if it's not. Sellers should bring your own tables; and 20% of your gross sales are paid immediately to the Club before leaving. Buyers, plan on lots of bargain-priced items: specimens, crystals, slabs, rough, fossils, equipment, jewelry & more! We're a non-profit organization.

**Directions: From Holland: Take I-196 to M-6, then exit north onto Byron Center Avenue for about 3 miles, then right onto 36<sup>th</sup> Street for a mile and a half. Turn left onto Michael Avenue for a half mile to 32<sup>nd</sup> Street. From US-131: Take US-131 to the 36<sup>th</sup> Street exit in Wyoming, turn west onto 36<sup>th</sup> Street for about a mile, then turn right onto Michael Avenue for a half mile to 32<sup>nd</sup> Street. Church is on the SE corner of 32nd & Michael Avenue in Wyoming, Michigan.**

**For Information: Visit our website: [www.indianmoundsrockclub.com](http://www.indianmoundsrockclub.com).**

**Or contact Sales Chairman Ed Krzeminski at 616-530-9571.**

**Indian Mounds Rock & Mineral Club is not responsible for any losses or damages due to event activities or schedule changes.**

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## No board meeting in April due to Spring Banquet

### Upcoming Junior Events

We enjoyed great food and great conversation at the Spring Banquet. Young rockhounds proved they like to eat just as hardily as the elder rockhounds!

In May we will be staying with the main group for the Best of Show. There will be no formal junior meeting this month. Look for details in the next newsletter about an upcoming "dig" at the June picnic. Plan to attend!

Parents of juniors can sign up to be on an email list for local field trip opportunities offered by the generous members of the Indian Mounds Rock Club. We hope to have some dates available soon. Many members have offered to meet with small groups of our juniors and share information with them. We are very grateful for these offers and intend on taking full advantage of them. Please see me at the meetings or email me at [siebseven@gmail.com](mailto:siebseven@gmail.com) to get on the list or talk about a class you would like give.

Finally, junior members are encouraged to enter specimens in the Best of Show. See full details in this month's newsletter. See you at the Show! LaDonna Siebelink

I applied to attend the TEDx Grand Rapids conference as a rockhound instead of using my professional credentials and was invited. I'm pretty geeked to have had my application accepted for the May 12 event. TED is about Ideas Worth Sharing; the audience tends to be as interesting as the presenters on stage. I've copied Donna because I expect to produce an article or two out of the experience.

Feedback on the show. I put in a Day Sponsorship to WYCE (that I normally support every year) at their fund drive in March and requested the day before our show opened. Every hour during the day they read our club sponsorship message on the air...Today's WYCE Day Sponsor is the Indian Mounds Rock and Mineral Club educating West Michigan about minerals, fossils, and the earth sciences at their annual show at Roger's Plaza Thursday thru Saturday, April 7th through 9th. Among the many artifacts on display will be an 85 million year old crocodile. More details at [IndianMoundsRockClub.com](http://IndianMoundsRockClub.com). WYCE Rocks, and so does our club! We won't quibble about the transpose/typo on the age of the croc. Several people told me they heard about the show on the radio (and several people saw it on Facebook too).

Donker's deserve a huge round of applause. They did a great job of promotion. TV and Press coverage helped. We still need someone to take on the job of Press Secretary and push the media on all our events. I was glad to have a chance to be interviewed by TV-17 (hope it came off well), but I wish I could have seen myself on the news.

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## Field Trips

BTW, our notice about the field trip to the Alabastine mine on Facebook got the MidMichigan rock club a new family membership and a couple that will be attending our next trip. As a result their new President wants to start taking club field trips and I've connected him to some of the other clubs in Michigan. We had a good discussion as I tried to verify the membership status of the new rockhounds. Our Alabastine trips continue to reap unexpected dividends and new members; other clubs are beginning to share field trips with us.

The trip on May 28 currently involves six clubs from three states and still has nine open slots (plus three that have to get their act together and get me details or get bumped; may yet be new members).

I've tried to get Cindy Root to fix our MWF profile and list Donna as our Editor instead of Brenda. Supposedly the master is fixed, but can't be published until the March 15 update is received from MWF. It is supposedly important we meet the Feb 15 date for updating MWF with our correct contact data so they can publish details on April 1 in a directory sent to all clubs (and update their website).

At the last meeting LaDonna talked to me about interest of several home school families in joining the club. Many have some children too young to attend meetings. She indicated the Church would allow use of the nursery to care for the little kids so the older ones and some of the parents could attend. I told her that rockhounding has always been a family hobby in my experience. Adult rockhounds tend to come from pebble pups that grow up. I helped do the survey...

<http://www.Tomaszewski.net/Kreigh/Minerals/RockhoundsReport.v.4.pdf>

We need more kids running around our meetings. The board needs to support LaDonna in expanding our youth program to include child care for the younger ones.

## Best of the year...May 17<sup>th</sup>, 2011

Each person who wants to enter needs to pick up a packet of entry slips and legibly sign in for the number they picked out. They fill out the labels and put their specimens on the tables by category. I provided table labels to identify each category. Ballots let each member vote by number for each category of specimen. Score sheets let the judges tally the ballots for each category by number to determine the top three or four places. Easiest solution was to lay all the score sheets out on a table by category number, have one person read the ballots, and a second person record the results on the score sheets by a tally stroke. When all ballots were recorded they counted the tally marks and recorded the winners. Runner up (4th place) got an honorable mention. 3rd place got a white ribbon and one gold dollar coin. 2nd place got a red ribbon and two gold dollar coins. 1st place got a blue ribbon and three gold dollar coins.

Alternate choice is \$1 for third, \$2 for second, and \$5 for first. Someone needs to pick up a couple rolls (\$40) in gold 'silver' dollars before the meeting. Extra coins go to the treasurer and he gives a check for the total.

Continued on page 7

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Each person entering submitted an entry into a drawing (included in the packet of labels) for a \$5 gift certificate good at the summer super sale. We have usually had ten certificates provided by Ed K for the drawing (someone needs to get these from Ed and print them before the meeting). The drawing box has to be on the table as people do their entry stuff. Drawings need to occur between most of the award announcements. The award presenter needs the signup sheet to translate numbers into names. I gave Jim all the forms, labels, ballots, and paperwork at the last meeting. I'm available for queries and discussion if I failed to anticipate any questions, but not on the date of the next club meeting when my youngest daughter is graduating from high school. Someone is just going to have to pick up what worked last year and run with it (the only change I made was changing 2010 to 2011). And yes, I will be sharing my large file for the Best Of The Year in the near future. I just need to fix a couple minor issues, remove the year reference, and convert it from the AppleWorks format to something that can be use on any computer (probably PDF).

BTW, any chance of getting reimbursed for the black ink cartridge I exhausted printing out all the labels and forms this year (I didn't ask last year)?

See you in September (to quote the old song), since I probably won't make any of the summer picnics.  
Kreigh Tomaszewski

## Treasure Report: Dave Lehker

February 2011:

Beginning Balance: \$6291.39

March 2011:

Beginning Balance: \$5685.41

Expenses:

Advertising: \$177.36

Book purchase: \$99.10

Name Tags: \$444.83

Newsletter: \$202.17

Lunch: \$40.00

Directory: \$108.12

Dealer Refund: \$125.00

Mall Rental: \$800.00

Newsletter: \$168.80

Checks: \$20.99

Total Expenses: \$955.99

Total expenses: \$1,230.98

Income:

Income:

Dues: \$50.00

Dealers: \$625.00

Book Sales: \$70.00

Lunch (2 Mo.): \$48.00

Raffle (2 mo.): \$81

Total Income: \$340.46

Ending Balanced: \$5069.88

End Balanced: \$5,685.

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Our Crocodile!!!



## Future Field Trips

I have several tentative field trips in the works, but no dates or confirmations at this time. The two most likely are another Alabastine Mine trip in May (and maybe also in June), and a gravel pit trip with the Lansing club. But I want to make you aware of some trip opportunities with the Holland Club.

May 14 Quarry in Paulding, OH

June 12 - July 8 Oregon High Desert

August Gem Mines in Spruce Pine, NC

Sep 2 - 5 Flint Ridge, OH

Oct 2 Quarry in Alpena, MI

If you are interested in any of these trips you should visit [www.tulipcity.org](http://www.tulipcity.org) and click on the field trips link for details, and then contact the Holland club directly to sign up. As usual, if any of our club trips work out I will announce them first on the club email list (are you a member?), and get them in the bulletin (and announce them at club meetings) if there is enough lead time. Keep on Rockin!



## Arrowhead News



Indian Mounds RMC patches at a cost of \$5.00 per patch.

Contact Nancy Spalenka

(616-249-0513 616-249-0513)

Sharp-looking Indian Mounds RMC Tee Shirts. They are red with a white logo. The cost is \$12.00 per shirt.

Contact John or Julia Donker

(616-457-0556 616-457-0556)

If your size is not included, it can be ordered.

### **NOW AVAILABLE:**

#### **Field Trips- Kreigh Tomaszewski**

At our last Club meeting, Ian, a 6th grade student from Crestwood Middle School, joined us looking for help with a school project he was doing on Rocks and Minerals. He has been doing independent research on this science topic of choice for months, is writing a significant report, and needed a 'mentor' to come in to his classroom to make a presentation and answer questions. There was no denying the sincere interest this young rockhound had. He found the club on the internet and convinced his Mom to attend. He picked a personal topic of interest to meet a major semester project goal.

Ian connected me to his teacher and arrangements were made. Wednesday morning found me and my traveling rock collection at the school. Ian asked his required questions. I class and introduced them to the uses of many minerals in their daily life. The teacher was very happy since their current science unit was on minerals. I covered the basics of mineral identification and got into some of the chemistry of minerals (with the teacher's help - there was a periodic table hanging in the front of the classroom).

The students had a short scheduled break, and most of them took it by coming up to see

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the large table full of specimens I brought in. We had about 10 minutes more of "hand's on" time with lots of specific questions. The teacher helped restore order, and we spend another 20 minutes in question and answer mode. The students were engaged and asked good questions.

If you don't take your collection out occasionally you are missing the best part of rockhounding. Educating future generations about the role that rocks and minerals play is the reason for most clubs. Facing a classroom of excited young faces with a rock collection makes it real.

And if you don't have the available time to do a daytime classroom presentation, you should consider making a presentation to your club as the program for a meeting.

Don't be selfish. Share your collection!

Kreigh,

I wish I could take more on each trip, but the mine limits me to 40 (and there always a few who sign up but can't attend at the last minute).

We really had a great day collecting! I just wish I had remembered to bring my camera.

Hi Friends,

I volunteered to be the librarian for the rock club's books. I discovered a site you may not be familiar with. It is <[librarything.com](http://librarything.com)> and it is a great place to catalog books, get book recommendations, do word puzzles, find interesting book facts and connect with other readers. I decided to put the books from rock club on there so that you will have the ability to view them and read or write reviews about them. Also, if you want me to bring a book to the next meeting, you can just e-mail and I won't have to bring all the books or store them at Ferris. When you click the link below, it takes you right to our member profile. If you decide you want to join LibraryThing, you will enjoy it. It is free and lots of fun for readers aged 13 and older. See you Thursday.

Jeanne

(editor's message: This came from an e-mail message to me from Kreigh and I thought that you might check out this site. -Donna)

<http://www.librarything.com/profile/BigRapidsRockClub>

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Free Drawing Winners from the 2011 Rock and Mineral Show

## April 7<sup>th</sup>, 8<sup>th</sup>, and the 9<sup>th</sup>

### Thursday

Bobby Gavitt	Belding MI	Antigorite/Dolomite
Patti Bradley	Rockford MI	Druse quartz
Donna Scolnik	Grand Rapids MI	Amethyst cluster
Robin Arellano	Grand Rapids MI	Earrings

### Friday

S.J. Hickey	Grandville, MI	Necklace
Timothy Hayes	Zeeland MI	Crocodile teeth
Donna Scolnik	Grand Rapids MI	Thomsonite
Ray Dame	Kentwood MI	Nolte Agate
Mary Wilfong	Jenison MI	'The rabbit'

### Saturday

Usha Singh	Grand Rapids MI	Jewelry box
Shelby Purdun	Hastings MI	'The cat'
Crystal Harwick	Grand Rapids MI	Banded Limestone
Chris Harwood	Marcellus MI	Kentucky Agate slab
K Kochin	Grand Rapids MI	Paddock Agate

We had some beautiful minerals in the display cases. Those displaying this year were Doug Bosin, Harry & Eleanor Brummel, John & Julia Donker, Jim Elliott, Diane Harvey, Terry & Bobbie House, Ken Koster, Dave Lehker, Jim Splane, Gordon Spalenka, Kreigh Tomaszewski, Don Van Dyke, Rod & Mary Wing.

Our demonstrators and resource people introduced the public to some of our rock related specialties and answered many questions. Those participating this year were Bob Beauvais--Micromounts; Don Van Dyke--Agate Lamp; Arlene King--Beading; Ken Koster--Gem Trees; Steve Crabbs--Thomsonite; Eleanor Brummel--Wire Wrapped Bead Rings; Kreigh Tomaszewski, Mineral Identification; Bob Beauvais-- Micromounts.

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## **ANTRIM COUNTY PEROSKEY STONE FESTIVAL SCHEDULE OF EVENTS**

MAY 28, 2011 Tentative Schedule

10:00 am – 4:00 pm at Barnes Park in Eastport, Michigan

### **PRIZES TO BE AWARDED**

Registration for all events at the Petoskey Stone Festival headquarters table near west pavilion of the festival area.

10:00 A.M. – STONE SKIPPING CONTEST – Participants MUST pre-register by 10- A.M. Categories vary according to ages of participants.

11:00 A.M. – BETTY DINGER MEMORIAL AWARD PRESENTATION – awarded to the greatest promoter of the Petoskey Stone.

11:30 A.M. – ANTRIM COUNTY PETOSKEY STONE FESTIVAL ESSAY CONTEST AWARDS

12:00 P.M. – ANTRIM COUNTRY PETOSKEY STONE FESTIVAL BEACH HUNT – Participants MUST pre-register by 12:00 P.M. Categories vary according to ages of participants

12:00 P.M. – ENTERTAINMENT BY TOMMY TROPIC

### **ACTIVITIES HELD THROUGHOUT THE DAY**

FREE KIDS FISH POND – Fishing for kids up to 12 years of age.

MICHIGAN STATE POLICE CANINE DEMONSTRATION

LOTS OF GRTEAT NORTHERN MICHIGAN FOODS

THE FINEST IN PEROSKEY STONE AND MICHIGAN ROCK AND GEM VENDORS

For more information check [www.petoskeystonefestival.com](http://www.petoskeystonefestival.com)

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## **SOLDERING EARPOSTS**

I don't solder enough ear posts to develop the dexterity for holding the wire by hand. So I modified a set of locking tweezers to help with the job. It's quick and easy.

Use a triangular file to make a notch at the tweezers tip to keep the wire from moving around, and file a groove in the tweezers body to rest the tweezers on a stand that keeps the ear post wire at the right angle. The stand is just soldered up from scrap copper or nickel.

This way the tweezers act like a see-saw that's weighted just a little bit more on the soldering end. I felt that if the tweezers put too much pressure on the ear post wire, it could buckle when the wire gets up to soldering temperature.

## **LOWERING THE NOISE**

A simple way to cut down the noise when you're hammering on your mini anvil or bench block is to place it on an old mouse pad or other similar rubber material.

Acknowledgement to be included with each publication:  
More BenchTips by Brad Smith are at [groups.yahoo.com/group/BenchTips/](http://groups.yahoo.com/group/BenchTips/)  
or [facebook.com/BenchTips](http://facebook.com/BenchTips)

## **Mineral Study Group- Kreigh Tomaszewski**

### Lead Ores

We're not quite done studying the major ore groups, and this month we turned our attention to Lead ores. To be considered an ore, a mineral must be extractable and processed at a cost that allows the miner to make a profit. There are about 450 minerals containing lead, but only galena, cerussite, anglesite, and pyromorphite are significant ores; minor ores include bournonite, boulangerite, jamesonite, semseyite, crocoite, and wulfenite.

Lead use is declining as more is learned about its toxicity as a heavy metal, but there is no battery more cost effective for starting cars than the lead-acid battery. About 1.5 billion tons of lead resources are known. Almost 65% of lead use annually comes from recycling. The transportation industries use about 75% of all lead (mostly for batteries), another 22% is used for solder, bearings, ammunition, and protective coatings - the rest has diverse uses as type metal, lead crystal glass, ceramics, foils, ballast, special use paints and chemicals, and tubes and containers.

Due to its low melting point, lead will flow over time at room temperature and is normally

alloyed with a very small amount of copper to prevent the creep. Lead ores usually contain other metals, especially silver and zinc. They are normally crushed, floatation separated, smelted, and electrolytic ally purified.

Galena is the most common lead mineral and is widely distributed in (low temperature) hydrothermal deposits; it accounts for 95% of all lead production. Cerussite, anglesite, and pyromorphite are usually the result of oxidation of galena. Lead likes to associate with other metals. The minor ores of lead include copper, antimony, chromium, iron, and molybdenum (wulfenite is the second most common ore of molybdenum).

We had specimens of all but two of the minor lead ores to hold and study. Hand identification is never perfect, but by holding and studying enough specimens you can easily learn to identify the most common 10% of minerals. Several of the lead ores are pretty easy to recognize, especially when you hold them and feel the density. By sharing our specimens and a little research we are learning from each other.

The next meeting of the West Michigan MWF Mineral Study Group will be held on Tuesday, May 10, 2011, from 7pm to 9pm, at the home of Kreigh Tomaszewski, 653 Burton St. S.E., Grand Rapids, MI 49507. We will be studying the ores of Zinc (sphalerite, wurtzite, smithsonite, hemimorphite, zincite, franklinite, willemite, and hydrozincite).

We try to start (and end) on time (though we often finish a little early); please do not arrive more than 20 minutes early. All West Michigan rockhounds are invited to attend. Please look up a few facts about the topic mineral(s), and bring along specimens of the topic mineral(s) to let others look at (the more, the merrier, but feel free to come even if you can't bring a specimen). We hope you can join us as we learn about minerals from each other.

### **May Rock and Gem Show Dates**

**7-8—AITKIN, MINNESOTA:** Show and sale, “Cuyuna Agate & Mineral Show”; Cuyuna Rock Club; Aitkin High School, 306 2nd St. NW, three blocks west of stoplight at Hwy. 169 and Hwy. 210; Sat. 9-5, Sun. 10-4; free admission; agates, minerals, jewelry, specimens, mineral art, fossils, fluorescents, lapidary equipment, indoor and outdoor vendors, Ask-the-Wizard-of-Rocks, special Kids’ Korner with free prizes, displays, demonstrations, Wheel-of-Rock-Fortune, door prizes; contact Kat Thomas, 45962 Tame Fish Lake Rd., Aitkin, MN 56431, (218) 678-3298; e-mail: [katmoose@wildblue.net](mailto:katmoose@wildblue.net); Web site: [www.cyunarockclub.org](http://www.cyunarockclub.org)

**7-8—CINCINNATI, OHIO:** 46th annual show and sale, “Geofair 2011”; Cincinnati Mineral Society, Cincinnati Dry Dredgers; Cincinnati Gardens, 2250 E. Seymour Ave.; gems, minerals, fossils, jewelry; contact Terry Huizing, 5341 Thrasher Dr., Cincinnati, OH 45247; (513) 574-7142; e-mail: [tehuizing@fuse.net](mailto:tehuizing@fuse.net); Web site: [www.geofair.com](http://www.geofair.com)

**20-22—SOUTHGATE, MICHIGAN:** Show, “Southeastern Michigan Gem & Mineral Show”; Midwest Mineralogical & Lapidary Society of Michigan; Southgate Arena, 14700 Reaume Pkwy.; Fri. 2-7, Sat. 10-6, Sun. 11-5; contact Rich Williams, 15816 DuPage, Taylor, MI 48180, (734) 374-2279; e-mail: [Richinmich53@aol.com](mailto:Richinmich53@aol.com)

**21—DANBURY, WISCONSIN:** 4th annual show and sale: Mike Schaaf; Stone Hinge Rock Shop, 4606 26 Lake Rd.; Sat. 9-5; free admission; dealers, buying, selling, swapping, Lake Superior agates, gems, minerals, fossils, flint, rough rock, slabs, fluorescent show, flint knappers, kids' agate pit, artisans and crafters, rock shop; contact Mike Schaaf, 4606 26 Lake Rd., Danbury, WI 54830, (715) 656-4315; e-mail: [schaafhill@yahoo.com](mailto:schaafhill@yahoo.com)

**28-29—WHEATON, ILLINOIS:** 35th annual show and sale; Chicagoland Gems & Minerals Association; Dupage County Fairgrounds, 2015 W Manchester Rd.; Sat. 10-6, Sun. 10-5; adults \$5, seniors and students \$3, service personnel with ID and children under 13 free; dealers, beads, books, equipment, fossils, gemstones, handcrafted jewelry, minerals, supplies, tools, demonstrations, cabochon cutting, faceting, fossil preparation, gem trees, glass fusing, glass marble making, intarsia, jewelry making, micro mounts, scrimshaw, silver smithing, opal cutting, wire wrapping, exhibits, minerals, fossils, lapidary, gems, silent auctions, door prizes, Kids' Corner; contact Rich Dillon, P.O. Box 360, Wasco, IL 60183-0360, (630) 377-0197; e-mail: [cgma@sbcglobal.net](mailto:cgma@sbcglobal.net); Web site: [www.chicagolandgemshow.org](http://www.chicagolandgemshow.org)

The Kalamazoo and BlossomLand Clubs have arranged a field trip to Grand Ledge on June 4. They have given us a limited invitation.

The cost will be \$2.00 per person. Jackie, of the DNR, will be the host. She will be giving a Talk on the area and walk about. We will then be allowed 3 specimens to collect and keep from the hill.

The first five IMRMC members that contact June Downing about this trip will be allowed to attend; be clear in your email that you are an IMRMC member (and give good contact details).

I hope some of you will be interested, and can take advantage of this unusual collecting opportunity.

Kreigh

Thank you to all that contributed: Kreigh Tomaszewski, Nancy Spalenka, Brad Smith (BenchTips), John Kuipers, Doan & Lois Van Dyke, Ed Krzeminski, Dave Lehker, Rance & Ann Westover, John & Julie Donker and anyone else who helped with this edition.

Wow, this season went too fast!!! I want to thank Nancy Richardson for making the punch, Roger Horvater for cooking the meat (I am so very glad he is able to do it!!!), Terry and Bobbie House for the wonderful decorations and for donating fossils that they found, Coral and Grace Robinson for the nut cups, and to Rhonda Leep for printing the program at home. We are all blessed to be able to come together and enjoying our fellowship and company. I would also like to thank John Donker for all his direction in our rock show, and everyone else who was able to help. I am sorry that I wasn't able to stay because I love our club!!! Writing the newsletter isn't bad, just a lot of cutting and pasting. My goal for next year is to be more creative; and with all your help I will be able!!! Enjoy your summer and we just might see you at our summer picnic!!! ( I must apologize that this is a little late, I have been sick so, if things don't make sense at times, you are most likely right. My computer was giving me some problems and I wasn't able to fix it. I am talking about the page #'s.) Until the next issue...

If you can't see what you're looking for, see what's there. Mark Nepo

**The Indian Mounds Rock and Mineral Club**

is a nonprofit organization, incorporated under the laws of the State of Michigan.

**This club's objective is to develop and encourage interest in, and to further the study of minerals, gems, fossils, rocks, lapidary arts, and earth science.**



Affiliated With the Midwest and American Federations of Mineralogical Societies

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**ARROWHEADNEWS**

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