

# GEMS

NEWSLETTER FOR SEPTEMBER 2014



**KALAMAZOO GEOLOGICAL &  
MINERAL SOCIETY**

AFFILIATED WITH MIDWEST FEDERATION & AMERICAN FEDERATION MINERAL SOCIETIES

## A MESSAGE FROM THE PRESIDENT....

Hello Rockhounds,

Well summer is winding down and it time to start our regular monthly Club meetings. We will continue to meet at the Portage Senior Center, with the exception of November 4<sup>th</sup>. On this date we will meet at the Western Michigan - Michigan Geological Repository for Research and Education. The address is 5272 W. Michigan Ave, Kalamazoo. This link will provide directions: [wsh060.westhills.wmich.edu/MGRRE/maps.shtml](http://wsh060.westhills.wmich.edu/MGRRE/maps.shtml).

Thanks to those that were able to attend our Work Bee. We filled about 1,350 mine bags and made about 600 egg carton rock collections. This will be enough for our 2015 show. However, we still be prepare game prizes. So if you have anything that you would like to label and bag up for prizes, let me know and I will get you specimen bags.

I hope everyone had and great summer and collected lots of cool stuff!

Rock On!

Bill Mitchell

KGMS President



## UPCOMING CLUB MEETINGS

**September 2** - Our scholarship awardees will be giving presentations regarding their academic studies.

**October 7** - Show and tell. This requires participation from our members, so please bring in interesting specimens that you acquired (found, bought, or given) and share with fellow members.

**November 4** - KGMS will be meeting at the Western Michigan - Michigan Geological Repository for Research and Education. We will be given a brief presentation of the geology of Michigan and then a tour of the facility, where we will have the opportunity to observe some of the drill cores that have been collected.

**December 2** - Holiday Party

Meetings are held at the Portage Senior Center, beginning at 7:00 pm, except as noted on November 4.



## HAPPY BIRTHDAY!

### JULY

1<sup>st</sup> DOROTHY MARUSEK  
1<sup>st</sup> SAMADHI JAYATILAKA  
12<sup>th</sup> KATHIE RESH  
14<sup>th</sup> DAVIS WILLIAMS  
19<sup>th</sup> MARILYN POWERS  
23<sup>rd</sup> AKILA JAYATILAKA

### AUGUST

24<sup>th</sup> BOB QUINT  
28<sup>th</sup> KATE DUTROW

### SEPTEMBER

7<sup>th</sup> BILL MITCHELL  
7<sup>th</sup> KRIS QUINT  
7<sup>th</sup> KATHY GRUETER

## HAPPY ANNIVERSARY!

JULY 1<sup>st</sup> ALLISON & JERRY VAN NOCKER  
AUGUST 23<sup>rd</sup> THERESA & TONY PAYNE  
AUGUST 27<sup>th</sup> SUE & DAVE HAAS

# SPEEDY RECOVERY WISHES TO THOSE RECOVERING FROM SURGERY!

TERESA PAYNE, DUSTIN PETERSON, MARVE STARBUCK AND JERRY VAN NOCKER

## A NOTE FROM THE EDITOR

**Hello My Fellow Rockhounds!**

I can hardly believe September is just days away! Where or where did the summer go? I hope everyone managed to get some rock collecting in and will bring their finds to the October "Show & Tell". If you don't know what you found, it's a good way to get your rock identified!

**A BIG WELCOME** to all our new members! You may be wondering why you didn't receive a newsletter in July and August. That's when the editors get a break! If there is a time when you do not receive your monthly **GEMS** Newsletter in your email's in box from September to January, check your SPAM folder. If it's not there, don't hesitate to contact me: [rockin\\_gem@yahoo.com](mailto:rockin_gem@yahoo.com) and I will re-send it. Every so often, I get a couple of emails returned, so please make sure your email address we have on file is correct!

If you forget the date/times of an upcoming event, wonder if there's a new event, a sale, etc. you can always check the KGMS website: [www.kalamazoorockclub.org](http://www.kalamazoorockclub.org). Jack posts the **GEMS** there every month along with other club related news. Also try the Michigan Rock Clubs Pages website: [www.mirockclubspages.org](http://www.mirockclubspages.org) where you will find all the Michigan shows listed, Clubs' auctions, sales & swaps, links for Rockhound fun and education. We also have a Facebook page: <https://www.facebook.com/pages/Kalamazoo-Rock-Club/163079373728462>. Be sure to give us a like and follow us! We also have a PhotoBucket page, just type in Kalamazoo Rock Club and keep clicking on the sub folders (it needs to be re-done).

On the very last page, of every **GEMS** Newsletter, you will find a list of contact information for our club's officers, board members, the editor and field trip coordinator. Also information about meeting times, the websites, etc. So we are always close at hand!

As always, if you have questions don't be afraid to ask, anyone! If they don't know the answer they will advise you who you can go to. We have all been newbies, sometimes even after 8 years I still feel like one!

I'm still looking for articles and Rockhound stories! Photos, too! If you have any greeting cards, Christmas cards, etc. that you don't need, the sunshine committee is very low. We've had a good run, thanks to June Downing a couple years ago.

If you want to do a display at The Greater Detroit Gem & Mineral Show in October the forms will be at the next meeting. Or you can download them at [www.mirockclubspages.org](http://www.mirockclubspages.org). They need to be returned by Sept 15<sup>th</sup>.

That's all for now!

Keep on Rocking!

Diane Peterson

KGMS Editor



## 2014 SHOWS

## SEPTEMBER

12th - 14th, HOLLAND, MI. Tulip City Gem & Mineral Club Annual Show,  
Contact: Dave Nienhuis, [dpnienhu@sbcglobal.net](mailto:dpnienhu@sbcglobal.net)

20th & 21st, HOWELL, MI. Livingston Gem & Mineral Society Gem, Mineral & Jewelry Show, Sat 10-6, Sun 10-4  
Contact: Chuck Amerger, (248) 787-6586

27th & 28th

TRAVERSE CITY, MI., ANNUAL ROCK & MINERAL SHOW, GRAND TRAVERSE AREA ROCK & MINERAL CLUB,  
Contact: Lauren Vaughn, phone: (231) 276-6150, email: [maple2b@aol.com](mailto:maple2b@aol.com)  
website: [www.tcrockhounds.com](http://www.tcrockhounds.com)

## OCTOBER

10th-12th, WARREN, MI 2014 Greater Detroit Gem, Mineral, Fossil & Jewelry Show, Fri 9-6; Sat 10-7; Sun 11-5;  
Macomb Community College Expo Center. Contact: Stan Woollems, phone: (734) 994-3048; email:  
[wwool@comcast.net](mailto:wwool@comcast.net)

18th - 19th CLIO, MI. Flint Rock & Gem Club  
Contact: Ed Hearn, phone: (810) 687-2339, email: [edleo324@att.net](mailto:edleo324@att.net)

18th - 19th, DES MOINES, IA., ANNUAL SHOW, & MIDWEST FEDERATION SHOW, DES MOINES LAPIDARY SOCIETY in participation with the CENTRAL IOWA MINERAL SOCIETY ANNUAL GEM, MINERAL & FOSSIL SHOW, Saturday 10am - 5pm, Sunday 10am - 4pm. Paul R Knapp Animal Learning Center, Iowa State Fairgrounds, East University Ave., Gate Contact: Karen Leibold, 515-205-8875  
email: [leibolddsm@mchsi.com](mailto:leibolddsm@mchsi.com)

## NOVEMBER

1st & 2nd, MIDLAND, MI., MID-MICHIGAN ROCK CLUB, ANNUAL SHOW, Sat 10am - 6pm, Sun 10am - 4pm.  
Midland Resort and Convention Center, 1500 W. Wackerly St. Contact: Deb Acord, (989) 689-4840, email:  
[jackdanred1@aol.com](mailto:jackdanred1@aol.com)

**Muskallonge Lake State Park**

**ROCK ON! WITH LAKE SUPERIOR agates Rock Show**  
September 13 & 14, 2014

- View agate collections and displays
- Learn about rock cutting/polishing and the coveted Lake Superior agate
- Purchase specially-made items from a variety of vendors
- Enjoy spectacular food offerings and live music

# UPCOMING EVENTS

Tulip City Gem & Mineral Club's 45<sup>th</sup> Annual



# ROCK, GEM, FOSSIL & JEWELRY



# Show

**September 12 - 14, 2014**

Friday 12<sup>th</sup>:  
9am - 8pm

Saturday 13<sup>th</sup>:  
9am - 7pm

Sunday 14<sup>th</sup>:  
11am - 5pm

**Holland  
Civic Center**  
150 W. 8<sup>th</sup> Street  
Holland, Michigan

[www.tulipcity.org](http://www.tulipcity.org)

- ◇ 12 Dealers
- ◇ Special Exhibits  
GVSU and  
Hope College
- ◇ Demonstrations  
Lapidary,  
Jewelry
- ◇ Kids Games
- ◇ Club Sales
- ◇ Silent Auction

## Featuring BIRTHSTONES



January  
GARNET



February  
AMETHYST



March  
AQUAMARINE



April  
DIAMOND



May  
EMERALD



June  
LIGHT AMETHYST



July  
RUBY



August  
PERIDOT



September  
SAPPHIRE



October  
ROSE



November  
TOPAZ



December  
BLUE ZIRCON

**Admission:**

Adults \$3  
Students Free w/ paying adult  
Family 3-Day Pass \$8  
Military or Scouts in Uniform: Free



**KGMS**  
**KALAMAZOO GEOLOGICAL AND MINERAL SOCIETY**  
KalamazooRockClub.org  
KGMS is a non-profit 501-(c)3 organization

**Third Annual Tailgate Sale and Swap - Open to the public.**  
Jewelry, Rocks, Minerals, Lapidary, Equipment, Crafts and other nifty items.

**Saturday September 27, 2014**  
**9:00 AM to 1:00 PM**

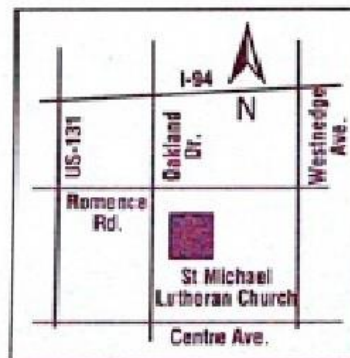
Participants are invited to buy and sell anything & everything; generally rockrelated items, but if it sells, bring it!

**Sellers** should bring their 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!

Directions: Held outside in the parking lot of St. Michael Lutheran Church, 7211 Oakland Drive, Portage, Mi - 1.5 Mile South of I-94

Event to be held rain or shine!!



7211 Oakland Drive  
1.5 Mile South of I-94  
(South of Oakland Dr. &  
Romence Road  
Intersection)

For more info:  
Terry Buder 269 271 0285  
Dennis Guy 260 585 0415

Mark you calendars for the KGMS  
2015 Rock, Gem, Mineral & Fossil Show  
May 1- 3, 2015.

More information at:  
[KalamazooRockClub.org](http://KalamazooRockClub.org)  
[MIRockClubsPages.org](http://MIRockClubsPages.org)

**Same day Event -**  
**Private sale, not related to KGMS.**

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Rock & Mineral Sale  
**NEW DATE TO BE ANNOUNCED**  
at Marve and Kitty Starbuck's  
7636 East V Avenue, Vicksburg, MI  
Phone Cell 231 740 5512

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KGMS is not affiliated with this event -  
this information is provided as a service to rock and mineral collectors.

## TEST YOUR GEMSTONE IQ

### PART 1

1. Which of these gemstones will scratch quartz?  
A. Peridot B. Tanzanite C. Demantoid Garnet D. Topaz
2. This country produces most of the cultured pearls on the market today.  
A. Japan B. Philippines C. Indonesia D. China
3. Which of the following gemstones is NOT pleochroic (different colors in different directions?)  
A. Andalusite B. Tanzanite C. Iolite D. Spinel



### PART 2

1. What does the Mohs scale measure? The Mohs scale was created in 1822. The steps are not evenly spaced because each number is represented by a common mineral.  
A. Hardness B. Toughness C. Brilliance D. Density
2. Montezuma's treasure, now on display in the British Museum, includes a fantastic serpent studded with this gemstone: (It was associated with Quetzalcoatl, the god of wind and air, was reserved only for the gods to wear.)  
A. Peridot B. Emerald C. Jade D. Turquoise
3. Cultured pearls grown in this country can be 20mm or larger in size.  
A. China B. Australia C. Japan D. Mexico

### PART 3

1. Which of the following countries mines many gems but does NOT mine opal:  
A. Australia B. Mexico C. United States D. Thailand
2. The Royal Scepter of England is topped with this gemstone, which represents terrestrial power, carved into the shape of a globe:  
A. Emerald B. Amethyst C. Sapphire D. Citrine
3. The Black Prince's Ruby, which was worn on the battle helmet of Henry V, is a fine specimen of this gem. Most of the famous "rubies" in crown jewels around the world are actually:  
A. Ruby B. Garnet C. Spinel D. Rhodochrosite

### PART 4

1. This gem is the first gem to be written about in literature: it was mentioned by Homer. A royal gift of this necklace is described in The Odyssey.  
A. Amber B. Lapis Lazuli C. Turquoise D. Emerald
2. Which of the following gemstones comes in every color but red?  
A. Peridot B. Iolite C. Ruby D. Sapphire
3. What kind of gemstone was sought in the movie "Romancing the Stone"?  
A. Tourmaline B. Ruby C. Sapphire D. Emerald

**ANSWERS ON LAST PAGE**

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### QUIZ ANSWERS

#### PART 1

1. Topaz has a hardness of eight on the Mohs scale (quartz is only seven).
2. China
3. Spinel is singly refractive.

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### PART 2

1. Hardness.
2. Turquoise.
3. South Sea pearls, grown Australia, Myanmar, Indonesia, & the Philippines can become quite large.

### PART 3

1. Thailand
2. Amethyst
3. Spinel

### PART 4

1. Amber
2. Sapphire
3. Emerald

## MEETINGS

Monthly meetings are the first Tuesday of each month except: January, July and August  
**Location:** Portage Senior Center  
320 Library Lane Portage, MI 49002  
Phone: 269-329-4555

### **Work bees/Picnic Dates**

TBA in July and August

### **2015 KGMS ANNUAL SHOW**

(May 1st, 2nd & 3rd 2013)  
Always the weekend before Mother's Day at the Kalamazoo County Expo Center 2900 Lake Street ( Kalamazoo Fairgrounds) Kalamazoo, MI 49048  
phone: 269-383-8778  
website:  
[www.kalcounty.com/parksshow\\_calendar\\_expo.php](http://www.kalcounty.com/parksshow_calendar_expo.php)

### **CLUB DUES**

Due by December 31st  
Family \$15.00/year  
Single \$13.50/year  
Senior/Couple 60 yrs. \$13.50/yr.  
Senior/Single 60 yrs. \$10.00/year  
Student \$8.00/year

### **AFFILIATED WITH**

**AFMS:** American Federation of Mineralogical Societies  
Website: [www.amfed.org](http://www.amfed.org)

**MWF:** Midwest Federation of Mineralogical and Geological Societies  
Webpage: [www.amfed.org/mwf](http://www.amfed.org/mwf)

**MICHIGAN ROCK CLUBS PAGES**  
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