



Rocky Reader

The Monthly Newsletter Of The
Toledo Gem And Rockhound Club

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Message from the President

Dear Club Member,

As we are heading into the holidays, our club will be very busy! On November 9th there will be a Board Meeting at 6:30 in the craft center. Hopefully all of the Moderators will attend so we can have an open communication about moderator policies. Then there is the Fall Open House @ St. James Lutheran Church. This is a meeting you don't want to miss as we will be having the annual Club auction as well as taking a vote for new officers.



In December we will be having the meeting back at the Artist's Club in TBG. We will determine the winners of the Christmas Ornament Contest and induct our newly elected Officers. It is also Potluck Dinner night where we will enjoy each other's company, so, if your last name begins with the letters A-M, please bring a meat dish, and if your last name begins with N-Z, then please bring a side dish. If you also wish to bring a desert, please feel free to do so. Thank you,

Catherine Clevenz, President

November Election of Officers and Board Members

Club Elections are scheduled to be held at our regular monthly meeting on Wednesday, **November 28th**, 2018. The Nominating Committee has presented a slate of individuals that will stand for the following positions: President; Steve Shimatzki, Vice President; Peggy Argabright, Treasurer; Glen Toepfer, Secretary; Katherine Smarkle and Sergeant at Arms; Chet King II as well as two nominees for the Board of Directors; Meg Barnhizer and Mike Mayers.

The Toledo Gem and Rockhound Club News.

NOVEMBER 2018

November Meeting Rescheduled

The regular monthly meeting of the Toledo Gem and Rockhound Club in November has been rescheduled for **Wednesday, November 28th**, 2018. This meeting was rescheduled due to the Thanksgiving holiday. Club Elections for open Officer and Board positions will be held during this meeting.

Board Meeting Announcement

On November 9th there will be a Board Meeting at 6:30 pm in the Craft Center. All Moderators are invited to attend so that we can have an open communication about policies and procedures.

Upcoming Meeting Announcement

In December we will once again meeting in the TBG Artist's Club. This meeting is our **potluck dinner** where we will enjoy each other's company, pick the winners of our Christmas Ornament Contest and introduce new Officers. If your last name begins with the letters A-M, please bring a meat dish, and if your last name begins with N-Z, then please bring a side dish. Anyone is invited to bring a desert.

Membership Renewal

All regular Club memberships expired at the end of September. You should know that dues were increased slightly this year! Annual membership dues are now \$21.45 for Individuals and Family dues increased to \$26.81. Membership forms are available on the club webpage at: <http://www.rockyreader.com>. If you plan to use the Craft Center or participate in upcoming activities it is critical that you be renewed.

Field Trip Coordinator Chair Vacancy.

The FTC's principal duty is to plan and coordinate field trips for the benefit of our members. There are no Field Trips planned for the month of November.

The 2018 Fall Open House:

The 2018 Fall TGRC Gem & Rockhound Open House will be held on November 10th and 11th from 9-5pm on Saturday and 11-4pm on Sunday at St James Lutheran Church 4727 West Sylvania Avenue, Toledo, Ohio just a half mile west of The Franklin Park Mall. Set-up is scheduled for Friday evening from 5-9 pm. New member, Tina Mitten, has volunteered to Chair this year's event. You are asked to please contact Tina Mon.-Fri. after 3pm if you would like to set up a table during the Open House or to offer to help with set-up, demonstrations, displays or general support. Tina prefers that you text her for a more rapid confirmation. Cell/text: (419) 810-2993 or Email to: MITTTALK64@GMAIL.COM See the attached Flyer on the last page of this newsletter.

2018 TGRC Gem and Rockhound Show

Chairman Steve Shimatzki gave his final report of 46th Annual Rock Show at the October meeting. In summary, our attendance was up from previous years and receipts totaled \$10,000 allowing our Club to make two \$500 contributions to the Geology Departments of the University

of Toledo and Bowling Green State University. We learned a lot of lessons from this year's program that will be used to make next year's show even better. Steve presented certificates to members of the Club who were instrumental in making the show so successful.

Fall/Winter Access to the Garden

With Fall right around the corner our hours of daylight are growing shorter. As a reminder, after Sunset we can only enter the park via the Olympia Drive entrance which is between the main gate and the Education Center. Of course, you may still use the parking lot by our Craft Center if space is available. The last one out after sunset closes and locks the gates.

Metroparks Events & Volunteer Opportunities

Holidays at the Manor House

Dec 1-16 (10am-8pm daily)

Wildwood

This year our annual Holidays at the Manor House will run from Dec 1-16, with many volunteer shifts still available! Are you interested in volunteering for Holidays but don't know where to start? We'll be holding a special Volunteer Orientation for those interested in learning more about our Holidays volunteer opportunities on November 1st from 5:30pm-6:30pm at Metroparks Hall. To sign up contact Kelly Griffin, Volunteer Coordinator Metroparks Toledo via email to kelly.griffin@metroparkstoledo.com. Make sure to let them know that you are affiliated with the Rock Club. You can register as a volunteer on the Metro parks webpage at www.metroparkstoledo.com/get-involved/volunteer/

For specific questions about volunteering at any of our Metroparks call Trish Hausknecht at (419) 407-9703. In addition, when you volunteer at least 15 hours of your time you can purchase a Metroparks membership at half price.

GEMCRAFTERS

November 2018 Gem Crafter Update:

Training Sessions: To learn the correct steps to make a quality cabochon or how to use the Slab Saws please contact Joanna Toepfer or Catherine Clevenz, Intro Gem Crafters Classes are scheduled as needed so to take beginning classes let them know of your interest as soon as possible.

The November Gem of the Month is Pot Luck! We have a number of slabs from previous months that will all be out for sale. This is a great time to pick-up slabs you may have missed before!.

Open work sessions: (Some sessions have been omitted due to the Thanksgiving holiday).

Saturdays; November 3rd and 17th from 10am to 4pm with Joanna Toepfer moderating.

Wednesdays: November 7, 14, and 21 from 6 to 9 pm with Chet King and Catherine Clevenz moderating.

Thursdays: November 1, 8, 15 and 29 from noon to four pm with Chet King moderating.

Work Session Fees are as follows: \$1 for the Club to provide for operations. \$1/hr for use of Craft Center to provide for programs and maintenance of equipment. Please

make sure that you sign in each time that you use the Craft Center. Cab of the Month Slabs are available for various prices. The Fee for a Workshop is \$15.00 plus the cost of materials. At present there are no workshops scheduled. Remember, our clubs insurance policy requires that you be a member to use the Craft Center and any of its equipment.

Needed: Members to maintain/clean equipment: The club needs members who are willing to clean and fix gem crafter equipment at the Craft Center. To have working saws, cooling systems and grinders along with a comfortable, safe working space when you come in, please step up and help out. Thank you in advance for your assistance. See Joanna Toepfer, Cathy Clevenz, or Chet King for more details or to volunteer.

Donations:

If you have tools, machines or lapidary materials and have been thinking of donating items to the Club please call or e-mail any of our moderators for information.

Gem Crafter Moderators: Thanks to Joanna Toepfer, Cathy Clevenz and Chet King.

METAL CRAFTERS

If anyone is still interested in another class on Fire Enameling, please let me know and we can get another class scheduled. I also would like to invite everyone to come to open sessions. I can help with or give some direction on any project that you would like to do. I can make myself available so please email me at bking3@me.com.

Brian will be available Saturdays the 9th and 23rd for Weekend open sessions. This is in addition to the regular Metal Crafters Sessions on Thursdays at 5:00 pm. Again, please email Brian at bking3@me.com if you would like to attend so we can have the facilities ready.

BEADERS:

The Beaders meet on the third Monday of the Month at 6PM. If you are interested in beading, contact Nancy Grove nancy7536@att.net for more information.

ADVANCED BEADERS:

The "Extreme" Beaders meet on Tuesdays beginning at 9AM. Participants should be able to work independently on their own projects. If you would like to join, but need more information, contact Kathy Petersen mlrlyt@AOL.com

FACETERS:

Ellie is asking for members to email him at eg.therockman@gmail.com if they are interested in taking a 2nd **Intro to Faceting** Class. This class, which will be limited to 10 members, will cover technical/design aspects and include a hands-on Faceting Machine session. In addition, Chet King is open to additional members signing up for a hands-on faceting class in the craft center.

SUNSHINE: No Report.

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TRGC Junior Rockhounds:

With the approach of the holidays, Juniors will not be meeting in the months of November and December. All juniors are invited to participate in all of the Clubs activities and events through the end of the year. We will, of course, welcome their participation in the November Open House on the 17th/18th and Heralding the Holidays on December 1st. Following the holidays. Juniors will once again meet at the Craft Center on the 4th Saturday of each month from 2-4 pm when we plan to introduce a new youth program entitled Future Rockhounds of America. See you then.

FIELD TRIPS: It has been suggested that we conduct a tour of selected areas of the Toledo Art Museum with a focus on rocks, minerals and geology. This tour could be scheduled as early as January 2019. The tour would be open to all members including Junior Rockhounds. The Museums hours of operation are Tuesday and Wednesday: 10 a.m. - 4 p.m., Thursday & Friday: 10 a.m. - 9 p.m., Saturday: 10 a.m. - 5 p.m. and Sunday: noon - 5 p.m.. Admission is FREE. Parking is \$7 (FREE to Friends of the Museum members). Should you be unable to participate in the above tour we hope that you will consider visiting the Museum on you own this winter.

UPCOMING EVENTS FROM THE MIDWEST FEDERATION WEBPAGE

Oct. 27-28 CUYAHOGA FALLS, OH

Summit Lapidary Club Semi-Annual Show

Emidio and Sons Expo Center, 48 East Bath Rd., Cuyahoga Falls

Sat 10 am - 6 pm; Sun 10 am - 5 pm.

Contact: Gujo Kotch, 244 Chestnut Blvd,

Cuyahoga Falls; (330) 929-3798;

gemboree@outlook.com

Nov. 3rd, TAYLOR, MICHIGAN,

Midwest Mineralogical and Lapidary Society

53rd Annual Auction; Democratic Club of Taylor,

23400 Wick Rd. Doors open at 6pm Auction

begins at 7pm.

Contact Dwayne Ferguson at

Shelby0671111@yahoo.com for more

information.

Nov. 12, BLOOMFIELD HILLS, MI

Michigan Mineralogical Society Annual Auction

Cranbrook Institute of Science, 3922 Woodward Ave,

Bloomfield Hills, MI

Doors open at 7:00 pm, Auction begins at 7:30pm

Contact: Brad Zylman; (612) 600-9484; bzylman@twmi.rr.com

Nuggets

The Rocks are Hot...Where's the Turkey?



PERIDOTITE

By Quentin Skrabec

Peridotite is a dense, coarse-grained, ultramafic, igneous rock consisting mostly of the minerals olivine and pyroxene as well as iron. Peridotite is made up of Ur minerals (the first minerals that evolved in the universe). The new theory of the evolution of minerals speculates peridotite was the first complex rock to evolve in the universe. Peridotite is the dominant rock of the upper part of the Earth's mantle but not common on the surface. Peridotite nodules are found in certain basalts and old volcanic diamond pipes (kimberlites). Layered peridotites are igneous sediments of lava flows and formed by mechanical accumulation of dense olivine crystals. Peridotite can have high enough iron contents to be magnetic and cause earth abnormalities.



In the 1980s, research started on a very unusual peridotite surface layer in northern Michigan. Yellow Dog peridotite of early Keweenawan age crops out in two places along a 20 mile -long zone of magnetic anomalies in northern Marquette County, Michigan. This Michigan deposit is a unique and unusual example of an “intrusive” surface dike deposit. Its high magnetic

properties are also unique. The Yellow Dog Peridotite is located near the center of the Yellow Dog Plains, an area of Pleistocene glacial outwash. This ultramafic intrusion is associated with the Mesoproterozoic dike swarm found trending east-to-west across Marquette County and the surrounding region. The Yellow Dog Peridotite formed during the Midcontinent Rift event. The North American craton, began to split apart during the [Mesoproterozoic](#) era of the [Precambrian](#), about 1.1 billion years ago. [The rift failed](#), leaving behind thick layers of igneous rock that are exposed in its northern reaches, but buried beneath later sedimentary formations along most of its western and eastern arms.

My experience with Yellow Dog came much closer to Toledo at Hidden Lake Gardens (Irish Hills) Michigan. Years ago I was walking with a rare earth magnet cane from my early days as a metallurgist there and I started to pick small pieces of magnetic basaltic rock near the lake at Hidden Lake Gardens. At the sandy tops above glacial kettles I found magnetic sand. After many trips over the years I found layered boulders. Some of the boulders showed glacier scratches. This suggested that Yellow Dog peridotite might have been brought there by glaciers. At the November/December meeting I will have free samples of Michigan Yellow Dog and Hidden Lake peridotite for you to compare and take [home] a sample.

For a full calendar of events and activities visit the "Events Page" of the Toledo Gem & Rockhound Club web-site at <http://www.rockyreader.com/Home/Events> and use the arrow pad to select the month. Printed calendars will be available in the craft center and distributed at monthly meetings.

On Facebook? So is the club along with postings from members and lots of pictures! Please, comment, post your own photos and "LIKE" us! <https://www.facebook.com/ToledoRockhounds>



5403 Elmer Dr, Toledo, OH 43615

Toledo Gem and Rockhound Club 's Fall Rock & Gem Open House

Member created demonstrations, crafts and sales.

November 17th and 18th, 2018



Saturday: 9am - 5pm

Sunday: 11am - 4pm

FREE ADMISSION – FREE PARKING!

At St James Lutheran Church

4727 W Sylvania Ave, Toledo, OH 43623

For more information please visit the TGRC webpage:

<http://rockyreader.com/> or call: 419 -531 -8124

We are also on facebook !

