

Rocky Reader

The Monthly Newsletter Of The
Toledo Gem And Rockhound Club

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July, 2016

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The video **COLORFUL CARBONATES** may be the **JULY** program!

OR

It may be the **Girl Scout Big Event** - come and see!

PRESIDENT'S MESSAGE

I would like to thank Clare Malley for her

donation of mineral specimens, slabs, jewelry making tools and flat laps. You will be seeing some of these at the Sept show and the club auction. Steve Shimatzki and Tom Marok have answered the call to represent the club in presenting programs for children.

Unfortunately Tom was unable to go because he HAD A HEART ATTACK. Really. That's dedication! Thank you Tom and Steve.

There are several important changes that have been implemented by the board at the June 27 meeting (see minutes below). It was decided that all club positions be voted on by the entire club at the November meeting. This will now include all moderator positions - Beaders, Extreme beaders, Faceters, Gemcraft, Juniors and Metalcraft. Current moderators will automatically be included in the running. To allow you a better feeling for the applicants, each will be asked to provide a qualification/vision statement for each position sought.

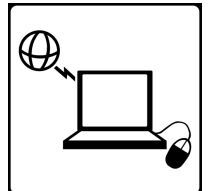
Finally, Tonia is unable to continue as webmaster for the club. Currently she is responsible for the design/maintenance/update of the club's website: rockyreader.com. She also posts the Rocky Reader to the website and sends all correspondence originating from newsletter2015-1@rockyreader.com. If we are unable to replace her, we will no longer have these functions.

CASES, CASES, CALLING ALL CASES!!!!

It's time to start thinking about putting in a display case at our show in September. This is our biggest opportunity to show the public what the club is about and what we do. The case sizes are: Club case - 48"W x 30"D x 12"H and new cases - 48"W x 30" D x 22 3/8"H Club member typically put in items they make, collect or buy. i.e. cabs,

Volunteers needed:

There will be a work day at the garage on July 16, 2016 at 9:00 a.m. Looking for volunteers to help get the garage organized for our up-coming show.



slabs, specimens or rock/gem/collecting information. If you have a club related business you can put your card inside the case to help advertise your business. If you plan to have a table(s) at the fall open house, a flyer will be provided to advertise that you will be there. You can reserve a case(s) by e-mailing me at nancy7536@att.net or you can contact me at the monthly club meetings.

Stranahan Club show - Library Displays

Thank you to these volunteers:

Reynolds Corners - Deb Hoffmaster. August. Contact jane.thoma@toledolibrary.org 419-259-5320 address: 4833 Dorr St Toledo, OH 43615 Bring case.

Rossford Public Library - Steve Shimatzki. August 1-2. Contact wilbarje@oplin.org 419-666-0924 Address: 720 Dixie Hwy Rossford, OH 43460 35" h x 22" x 22" cube

Sanger - Mike Mayers. July only. Contact cmalczewski@toledolibrary.org 419-259-5370 Address: 3030 W Central Ave July only.

Swanton Public Library - Harold Burleson. Susan Bach does case. Contact stiriz_bach@yahoo.com 419-826-2760. Address: 305 Chestnut Swanton, OH 43558 38.5"d x 58.5"w x 8"t

Toledo Heights - Mike Mayers. July & August Contact jeanne.mchugh@toledolibrary.org 419-259-5220 Address: 423 Shasta Dr.

Washington - John & Sylvia Capuano. August Contact: hannah.lammie@toledolibrary.org 419-259-5330 Address: 5560 Harvest Ln

Way Public Library - John and Linda Miani Contact millsro@oplin.org 419-874-3135 x108

Address: 101 E Indiana Ave, Perrysburg, OH 43551 history case - Call in August and they will

Wood County Bookmobile - Suzanne Shimatzki coupons only

VOLUNTEER OPPORTUNITY AT AGATE EXPO

I wanted to take a minute and let you know we could still use some support on the volunteer side. The Agate Expo is offering : a free T-shirt, plus a free 1 day show pass for any person who volunteers for four (4) hours. (Of course, you can work more, if you'd like to!!)

You can sign up online using the volunteer/link button on the home page of www.agateexpos.com I will need to know what T-shirt sizes everyone would require, so please send an email to mail@agateexpos.com with this info. (We ask that you wear the shirt when you are volunteering.)

Warmest Regards, Veronica Woods

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TOLEDO GEM AND ROCKHOUND CLUB MEETING MINUTES

June 15, 2016

Program Collecting Carbonates preceding meeting

- 1) Pledge of Allegiance started meeting at 8:05pm
- 2) Secretary Report moved for approval by John Capuano and seconded by Jim Leslie
- 3) Treasurer Report – Finance Report moved for approval by Jim Leslie and seconded by John Capuano
- 4) New Business (General Request)
Board meeting June 27 at 4pm at Craft Center and members welcome
- 5) Old Business: Volunteer Hours clarification – need to fill out a volunteer log to have hours count
- 6) Group Reports:

Field trips – The Parma club has a trip to on June 4th Flint Ridge and to Virginia and our members are welcome. See web sites goldohio@yahoo.com or mmbamfield@yahoo.com

A Canada trip in September to look for silver is planned

Open House (Nancy) - the next open house is planned for November

Beaders (Nancy)

Show (John) – donations for kids kits are needed, Library case planning is ready

Rocky Reader (Debby) - deadline midnight Monday June 20

Metalcrafters (Debby) – meet 3, 14, 17, 28

Sunshine (Joe) –

Extreme Beaders (Kathy) – see Rocky Reader calendar

Faceters – (Elie) – email Elie if interested at eghanime@buckeye-express.com Chet King will demonstrate to two members so contact Chet at cljkrking@accesstoledo.com Juniors (Steve) - cancelled for June, July will be on fossil fish

Membership (Steve) – 29 members and 2 juniors

Gardens (Chet) - Crosby festival volunteers needed

Gemcrafters – (Bonnie) – see Rocky Reader for details

8) Next Meeting July 20 - film: Colorful Carbonates.

9) Snacks? Not assigned

Adjourn? – Meeting adjourned at 8:25pm

Respectfully submitted, Mike Mayers Club Secretary

TOLEDO GEM AND ROCKHOUND CLUB BOARD MINUTES

Meeting June 27, 2016

Attendees: Deb Hoffmaster, Tonia Wallace, Harold Burleson, John Capunano, Elie Ghanime, Lynn and Kathy Peterson. Members attending: Jeff and Bonnie Wheeler, Natalie Hill

Meeting started at 4:05 PM

New Business

A. Moderator Responsibilities and limitations: Tonia asked why she and Gene Wallace were not allowed to demonstrate lapidary during the open house. Bonnie Wheeler said this was because there was a faceting class being conducted. It was determined that no classes will be conducted during an open house.

B. Webmaster and Communications replacement: A new webmaster is required as Tonia will not be able to continue. The subject will be discussed with the members.

C. Election of Moderators: Elie proposed the election of moderators to be held in November in conjunction with the general election. The goal is to have moderators for various areas of club activities share information so all club members understand each of the specialties as it is one club will help new members make choices easier. Passed.

D. Nomination Committee: Greg Feight has agreed to form a committee to assist in officer replacement. There was a motion by Elie Ghanime that members interested in a position provide a vision statement. Also anyone interested in being the moderator of a speciality e.g. Gemcrafter, Metalsmith, Beading will need to provide a qualification statement. The motion was seconded by Tonia Wallace and passed by the Board. Open board positions will be President and Vice President.

E. Club Apparel: Pete informed the board that there are currently orders for club apparel that exceed the minimum. There was discussion of ordering some additional shirts and tote bags. The board passed ordering an additional 8 shirts and 6 tote bags for future sales to members.

F. Girl Scout Big Event: We have been invited to participate on October 1st. It will require members to demonstrate or discuss a skill related to our club. There also may be requests by individual troops in the future. The subject was tabled pending a presentation to the membership at a future meeting.

G. Tables for Craft Center: Bonnie Wheeler requested approval to replace the craft center tables.. Harold Burleson moved to replace the tables and Elie Ghanime seconded. Lynn and Kathy Peterson agreed to look into table options. The Board passed the motion.

Harold moved to adjourn the meeting and seconded by Elie Meeting adjourned at 5:07 pm

Respectfully submitted by Mike Mayers, Club Secretary

Thelma Postlewaite's Family News

Thomas Barnhizer	4	Louise Zack	20
John Capuano	10	Wendy Batto	25
Anne Mills	16	Patricia K Page-Ross	25
Gabriel Amonette	19	Clarissia Burnside	26
Christine L Anderson	20		

CLASSES

July 9&10 Introduction to Faceting. Instructor Chet King (419-841-4272). Chet will take up to TWO people for this short introduction.

June 23 Gemcrafter class. Contact Bonnie Wheeler b86fiero@buckeye-express.com for more information

June 25 Gemcrafter training. Contact Natalie Hill at: Natalie.Hill.Designs@gmail.com.

November 19-20, 2016. Ronda Returns! - two spaces left - (Brought to you with proceeds from the metalcrafter auction) Ronda Coryell (www.rondacoryell.com) returns for another fantastic workshop. This time the projects will be two rings and a hollow bead. The workshop price is \$300 with substantial discounts for early registration, work at the club show and donation to the metalcrafter auction. E-mail Deb Hoffmaster (debhoffmaster@gmail.com) for details and a registration form.

GARDEN NEWS

July 3, 2016 9:30 am - 12:00 pm Sunday Short Hort

July 7, 2016 6:30 pm - 8:30 pm Jazz in the Garden

July 14, 2016 6:30 pm - 8:30 pm Jazz in the Garden

July 20, 2016 6:00 pm - 8:00 pm Weed & Wine

July 21, 2016 6:30 pm - 8:30 pm Jazz in the Garden

July 28, 2016 6:30 pm - 8:30 pm Jazz in the Garden

FACETEERS

Chet King will do introductory classes on the SECOND weekend of May. Chet will take up to two people for this short introduction. Call Chet (419-841-4272) for more information. Otherwise, contact Elie Ghanime 419-450-0160, eghanime@buckeye-express.com for more information about faceteers or to schedule training.

FIELD TRIPS

A field trip to the Sudbury Region of Canada is planned for September. Contact Harold Burleson hburle@msn.com or haroldburleson12@gmail.com to be informed of future field trips. Many quarries now require up to date Mine Safety training for admission.

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.

EXTREME BEADERS

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

GEMCRAFTERS

THANK YOU SANDY COLLINS for the great Tiger Eye donation!! Group members are looking forward to creating some beautiful pieces with this popular material as a future Cab Of The Month selection. Very generous of you, Sandy!

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JULY CAB OF THE MONTH: Ruby in Fuchsite. Natural Ruby scattered through pretty green Fuchsite will make some eye popping cabs. Don't miss this one!

INTRODUCTION TO CABOCHON CREATION: A July class will be scheduled if two or three members are interested. Summer vacations and outdoor family time fill many schedules this time of year so we will not schedule a particular date but will be flexible to accommodate new members. Contact Natalie directly if you are interested at: Natalie.Hill.Designs@gmail.com.

ROCKS, SLABS, CABS & MINERALS SWAP MEET: Saturday, August 6 from 10 am - 4 pm in the craft center. Cost \$2 per space, limit of 2 spaces per member. This is an opportunity to swap, sell or trade your extra rocks, slabs, finished cabs, rough cabs, gemstones, minerals, fossils, and club related tools and equipment. We are hoping for nice weather so we can set up inside the craft center and outside in the grassy area. Limited tables available inside. If setting up outside you will have to bring your own tables and chairs. If you are interested in participating email Bonnie at: b86fiero@buckeye-express.com. Further details will be forthcoming.

OF INTEREST: Some of our group members will be attending the bi-annual internationally known Agate Symposium in Cedarburg, Wisconsin on July 8 and 9. The Agate Symposium has been written about in three recent issues of Rock & Gem magazine. From there we are heading north of Duluth, Minnesota for Lake Superior Agate collecting along the lakeshore to the Canadian border, will take a mine tour and visit area rock shops until July 13. Then we'll head south of Duluth to collect in the area gravel mine pits for a couple of days and attend swap meets in hotel parking lots before visiting the Moose Lake Agate Festival and Show on July 16 and 17, which boasts over 85 rock dealers plus an Art Show featuring over 50 craftsmen. Contact Bonnie for specifics: b86fiero@buckeye-express.com.

HAVE A SAFE SUMMER!! Your Gem Crafter Moderators, Bonnie Wheeler, Natalie Hill, Greg Feight

JUNIORS

Enjoy your school vacations, go find rocks! For more information, contact Steve Shimatzki - sjs132@gmail.com.

METALCRAFTERS

We will meet July 3, 14, 17, 28. Sunday meetings are from 1:30-3:30 except the third Sunday when we meet from 12-4. Thursday meetings are from 6:30-8:30. Please confirm your attendance by e-mailing Debby at least 24 hours in advance and pay the \$2.00 session fee. Please wear long pants and sturdy shoes (no sandals) to all metalcrafter meetings.

We are a collaborative group. We expect that members have their own materials and sufficient experience to work independently. If you are new to silver work, please register for one of the beginning pendant classes. If you are new to the group, but have previous experience please e-mail me (debhoffmaster@gmail.com) to arrange orientation during a scheduled meeting. For more information, contact Debby Hoffmaster, moderator, debhoffmaster@gmail.com

Coming Events from Chetty King's Flyer Table

July 10: LINCOLN, NE Lincoln Gem & Mineral Club Rock Swap & Grinding Party. Pioneer Park-Nature Center, Coddington & West VanDorn, Lincoln 1-4. Contact Jayne Beer, (402) 466-6628; jbeer6007@ao9l.com www.lincolngemmineralclub.org

July 12-17: WEST FARGO, ND Lake Agassiz Rock Club Member Displays and Panning for Gold. Red River Valley Fairgrounds, 1805 West Main Ave, West Fargo. 10 am - 8 pm each day. Contact Chris Patenauds, (218) 861-6409; lakeagzrc70@yahoo.com

July 15-16: MINOEQUA, WI Lakeland Gem Club Annual Show. Lakeland Union High School, Hwy 70 West, Minoequa. Fri 9-6; Sat 10-5. Contact Pattie Hartmann, (715) 477-2519; gypsy1120@roslink.net www.lakelandgemclub.com

July 16-17: MOOSE LAKE, MN Carlton County Gem & Mineral Club Annual Show. Moose Lake High School, 413 Birch Ave, Moose Lake. Sat 9-5; Sun 9-4. Contact Carol Risdon at (218) 879-3968; carolannrisdon@gmail.com

July 23-24: MOUNTAIN HOME, AR Ozark Earth Science Gem, Mineral & Fossil Club Annual Show. Baxter County Fairground, Educational Building, 1507 Fairgrounds Dr., Mountain Home. Sat 9-6, Sun 9-4. Contact Ed Hakesley, (870) 424-0956; edscamp3@yahoo.com
www.ozarkearthscience.org

Additional Show dates are listed on the Midwest Federation website <http://www.amfed.org/mwfi/>
Click on Calendar and then on the month you are interested in from the list at the left.

One of June's birth stones is Alexandrite, it is in the family Chrysoberyl. The two other stones are Pearls, and Moonstone which is Feldspar.

From: <https://en.wikipedia.org/wiki/Chrysoberyl> via MGSCV Petrograph June 2016
Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc

The alexandrite variety displays a color change (alexandrite effect) dependent upon the nature of ambient lighting. Alexandrite effect is the phenomenon of an observed color change from greenish to reddish with a change in source illumination.[6] Alexandrite results from small scale replacement of aluminium by chromium ions in the crystal structure, which causes intense absorption of light over a narrow range of wavelengths in the yellow region (580 nm) of the visible light spectrum.[6] Because human vision is more sensitive to light in the green spectrum and the red spectrum, alexandrite appears greenish in daylight where a full spectrum of visible light is present and reddish in incandescent light which emits less green and blue spectrum.[6] This color change is independent of any change of hue with viewing direction through the crystal that would arise from pleochroism.[6] Alexandrite from the Ural Mountains in Russia can be green by daylight and red by incandescent light. Other varieties of alexandrite may be yellowish or pink in daylight and a columbine or raspberry red by incandescent light.



This is an exhibit taken in white light and yellow light, which exhibits its color change.

Stones that show a dramatic color change and strong colors (e.g. red-to-green) are rare and sought-after,[5] but stones that show less distinct colors (e.g. yellowish green changing to brownish yellow) may also be considered alexandrite by gem labs such as the Gemological Institute of America.[7][8]



www.china.cn

According to a popular but controversial story, alexandrite was discovered by the Finnish mineralogist Nils Gustaf Nordenskiöld (1792–1866), and named alexandrite in honor of the future Tsar Alexander II of Russia. Nordenskiöld's initial discovery occurred as a result of an examination of a newly found mineral sample he had received from Perovskii, which he identified as emerald at first.[9][10] The first emerald mine had been opened in 1831.

Alexandrite 5 carats (1,000 mg) and larger were traditionally thought to be found only in the Ural Mountains, but have since been found in larger sizes in Brazil. Other deposits are located in India (Andhra Pradesh), Madagascar, Tanzania and Sri Lanka. Alexandrite in sizes over three carats are very rare.

Alexandrite These are lab created Alexandrite which has the same properties as the original but are stronger.

Today, several labs can produce synthetic lab-grown stones with the same chemical and physical properties as natural alexandrite. Several methods can produce flux-grown alexandrite, Czochralski (or pulled) alexandrite, and hydrothermally-produced alexandrite. Flux-grown gems that are fairly difficult to distinguish from natural alexandrite as they contain inclusions that can look natural. Czochralski or pulled alexandrite is easier to identify because it is very clean and contains curved striations visible under magnification. Although the color change in pulled stones can be from blue to red, the color change does not truly resemble that of natural alexandrite from any deposit.

Hydrothermal lab-grown alexandrite has identical physical and chemical properties to real alexandrite.[11]

Some gemstones falsely described as lab-grown synthetic alexandrite are actually corundum laced with trace elements (e.g., vanadium) or color-change spinel and are not actually chrysoberyl. As a result, they would be more accurately described as simulated alexandrite rather than synthetic. This alexandrite-like sapphire material has been around for almost 100 years and shows a characteristic purple-mauve colour change, which does not really look like alexandrite because there is never any green.[12]

For references see: <https://en.wikipedia.org/wiki/Chrysoberyl>

"Rumble, Rumble, Zap, Bang"

By Mel Albright - RMFMS Safety Chairman

http://www.amfed.org/a_safetyRMFMS.htm#Lightening

It's a wonderful day. We have gone on a field trip. We're out there, well away from the car when, rumble, rumble. We look around. There's a big black thunderstorm bearing down on us. It has lots of lightening and the lightening is hitting the ground. Panic time? No. Action time? Yes. Don't panic, but do know what to do.

First, let's talk about an imminent lightening strike. I've been near 3 in my life. Your hair stands on end. Nearby wiring or fencing has sparks flying around. A sizzling/frying sound can be heard. Then Zap, the lightening hits. Then you hear it and then you smell the ozone it created. You find yourself starting to shake, all within a few seconds.

But you do have time to protect yourself somewhat. On your knees, IMMEDIATELY. Grab your ankles and bend over as low as you can get - you do NOT want to be the tallest thing around. Do NOT lie flat on the ground.

If you have a little more time and a little more warning, you can do much better. First choice is to take shelter inside a building or car and stay away from wiring and plumbing. Contrary to rumors, new tires do NOT conduct electricity.

Second choice is to not take shelter outdoors under anything such as a tree, tent, or whatever. Put down anything you are holding that might conduct electricity (like a golf club, a geologists' pick, etc.). Avoid fences, tracks, machinery, poles, water, power or phone lines. If you are in a body of water, get out fast. If you are in a boat, head for shore and get out fast. If you are in a group of people, spread way out. If you have a plastic or rubber sheet or raincoat, put it under you. It's much better to get wet.

Thunderstorms can be beautiful, exciting and welcome, but don't forget that they are very dangerous, too.

From the June 2016 Ozark Earth Science Gem, Mineral, & Fossil Club News Submitted by: Aradasa Johnson, (Safety Chair)

Opals in meteorite more evidence of how Earth first got water

Opal has been found in a meteorite discovered in Antarctica, offering more evidence that asteroids brought water with them to Earth billions of years ago, according to findings presented at the National Astronomy Meeting in the UK. Water needs to be present in order for opals to form, researchers say. Space.com (6/27) From Sigma Xi Smartbriefs 6/28/2016

July

2016

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 Gemcraft 6:30PM	2 Gemcraft 12 noon	1	2
3	4	5 Extreme beaders 9AM	6 Gemcraft 6:30PM	7 Gemcraft 12 noon Metalcraft 6:30	8	9 Introduction to Faceting
10 Introduction to Faceting	11	12 Extreme beaders 9AM	13 Club meeting Colorful Carbonates	14 Gemcraft 12 noon	15	16
17	18 Monthly beaders 6PM	19 Extreme beaders 9AM	20 Gemcraft	21 Gemcraft 12 noon Metalcraft 6:30	22	23 Gemcrafter Work Group
24 Juniors 1PM	25 Gemcrafter training	26 Extreme beaders 9AM	27 Gemcraft 6:30PM	28 Gemcraft 12 noon	29	30
31						