



Rocky Reader

The Monthly Newsletter Of The
Toledo Gem And Rockhound Club

Volume 54, Issue 4

April, 2016

APRIL'S PROGRAM IS THE GEMCRAFTER AUCTION

APRIL AUCTION! Don't miss the annual Gem Crafter auction held immediately at the conclusion of April club meeting. Tons of great items including rocks, slabs, faceted gemstones, jewelry making supplies and lots of absolutely fabulous must have items! Will we again have Buy It Now merchandise tables? Come and find out!

May Open House

The May open house will be Sunday May 15th, from 9AM to 5PM. The building will be open for set up at 6AM. Pete is currently taking reservations for table space at \$10/table) For more information, see the March Rocky Reader.

Dick and Arlene Bowers, Married 74 Years

There is an article in the Freemont News Messenger about the 74 year marriage of Dick and Arlene Bowers, longtime club members. The article may be found at:
<http://www.thenews-messenger.com/story/news/local/2016/03/01/couples-love-endures-seven-decades/80082236/>
Some highlights: Arlene & Dick met when she was in fourth grade and he was in sixth. They were married in 1942 when Dick was 19 and Arlene was 17. They have lived in the same Green Creek Township home since 1948.

Arlene and Dick were club members from 1983 until 2007. Dick and Don Ault always shared the faceting demonstrations in the lobby at the open houses and shows. Arlene would usually take an open house table and sell sweat shirts and sweaters.

TOLEDO GEM AND ROCKHOUND CLUB MEETING MINUTES

March 16, 2016

1) Presentation by Karen Ranney Wolkins, TBG Director, Matt Killam, Marketing Director

TBG depends on volunteer activity to engage the community, get grants; variety of opportunities. Must sign up through TBG Marketing dept. to acquire volunteer hours. Heralding the Holidays vendors, or any activity involving selling, will not count toward volunteer hours. Demonstrating activities for the public, do count.

Need licensed person for many repairs, so need to call TBG maintenance for building repairs. Need to be good stewards of nature, and not use poisons. Need to alert TBG of needs for area clean up. TBG working to get recycling bins distributed throughout the gardens and buildings. Grant to establish an aggregate of fresh produce sales through CSA model. Toledo Grows program. Local

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honey sold through gift shop.

- 2) Pledge of Allegiance
- 3) Secretary's Report - Minutes as printed in the Rocky Reader, approval moved by Jim Leslie and Tom Marok, seconded by Elie Ghanime. Passed
- 4) Treasurer Report - Finance Report Approval moved by Tom Marok, seconded by Amy Shufeldt. Passed
- 5) New Business (General Request)
 - ✓Letter - TBG Evening and Weekend assistance info- covered in the presentation.
 - ⊗Transfer of website, email server. The website transfer went easily, the e-mail transfer less so. We are still getting the bugs out of the e-mail situation.
 - ☛Board Meeting March 28 at 4 PM Bonnie Wheeler will present proposal for summer swap meet & issues pertaining to Member-to-member sales.
- 6) Old Business: Delegate for MWF meeting August 19, 20, 21 - Chet and Chetty King will be the authorized representatives.
- 7) Group Reports:
 - Fieldtrips –

A field trip to view the University of Toledo Geology Department collections has been scheduled for Saturday April 30 at 2PM. Park in the student section (12S) of the Law College lot. To get to this, take Secor Road along the west side of the UT campus and then turn east onto the campus road called Towerview Blvd. You'll go a couple of hundred yards along this road before reaching the Law College parking lot on your right (the turn off into the lot is just before the four-way stop intersection). Mark Camp and Jim Harrell will meet us at the entrance to Bowman-Oddy Laboratories, which is just across intersection at the northeast corner of the parking lot.

Open House – Sunday May 15, 9-5; Table rent to be arranged through the treasurer; raffle in foyer; flyers; projects to gift shop. Open houses help gain members. It had been suggested that 10% of group auction proceeds be donated by the groups, to help fund the open house.

Metalcrafters donated 10% of their auction earnings.

Gemcrafters declined.

Monthly Beaders - will resume on March 21, 2016 at 6PM.

Show – need toys, tumbled stones, basic rocks, for kids games. Give to Tom Marok.

Rocky Reader- deadline midnight Monday March 21

Metalcrafters – meet April 3, 14, 28 and 17 from 12-4.

Sunshine – article in Blade about Dick and Arlene

Bowers, married 74 years.

Extreme Beaders - Meeting on schedule

Faceters – Not currently meeting

Juniors- no juniors this month due to Easter, Next month will be the 4th Sunday.

Membership – 33 mbrs, 1 new member, 1 junior, 2 visitors

Gardens – Plant sale in May, on Mothers Day weekend. Volunteers needed.

Gemcrafters - thanks to Elie for wirewrap class; Crysocholla is the cab challenge of the month. Gemcrafter Auction will be at the April meeting.

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DISCOVER
NETWORK

- 8) Next Meeting - April 20 Gemcrafter auction. Donations needed
 9) Snacks for next meeting - Wheelers'
 Motion to Adjourn by Tom Marok, seconded, – All in favor
 Minutes respectfully submitted by Kathy Petersen, subbing for Mike Mayers

Toledo Gem and Rockhound Club Board meeting
Date: March 28, 2016

Meeting started at 4:05 pm

Board Member Attendees: Deb Hoffmaster, Tonia Wallace, Harold Burleson, Elie Ghanime, Kathy Peterson, Lynn Peterson, John Capuano, Greg Feight, Mike Mayers .

Club Members Present: Bonnie Wheeler, Jeff Wheeler, Natalie Hill, Nancy Grove, Steve Shimatzki, Ruby Reynolds, Ed Reynolds

New Business:

Statement of Continued Existence - Statutory Agent. A requirement and Steve Shimatzki has been the agent but since he has a new address, a change of address is required at a \$25 dollar fee. A motion was made by Greg Feight to have the notice sent to the Toledo Botanical Garden address, attention Deb Hoffmaster. The Board passed the motion.

Member to member sales – various appropriate and inappropriate sales were proposed by Bonnie Wheeler to the board in writing in February. Discussion on the subject and the question of whether the subject should go to the general club members for a vote. Board disapproved taking to the membership but if an issue occurs related to the subject, a board member should be notified.

Swap Meet Proposal - Bonnie Wheeler proposed in writing a "Beads & Jewelry Making Findings Swap Meet" in July on an annual basis beginning in 2017. Following discussion Tonia Wallace made a motion to approve and it was seconded by Greg Feight. Board passed the motion.

Bonnie Wheeler added a second Swap Meet related to rocks, slabs and cabs for late August. Following discussion the date was determined to be too close the annual club show. The Board recommended the Swap Meet should be held the first Saturday in August. Greg Feight moved the event should be moved to the first Saturday in August and it was seconded by Deb Hoffmaster. The Board passed the motion.

Old Business

Discussion of the fact that too many members have access to the Club garage and who should have access so the result is to have to lock rekeyed by McElheney so a key cannot be reproduced. There will be five keys made and distributed to the Show Chairperson, the main Gemcraft moderator, the Show Logistics person, the Club President and one to the Toledo Botanical Garden. Tonia Wallace moved to have the above approved and it was seconded by Elie Ghanime. The Board approved.

Meeting adjourned at 5:30 pm.

Respectfully Submitted, Mike Mayers Club Secretary

Thelma Postlewaite's Family News

Su Drake	1	Linda McConahey	16
Nathan Slawinski	4	Brittan Tolford Wallace	17
Ruth Jacobs	5	Serenity Shimatzki	23
Suzanne Shimatzki	9	Simon Amonette	27
Linda Scharer	12	Amy Shufeldt	27
Grace Amonette	15		

CLASSES

April 16. Gemcrafter class. Contact Bonnie Wheeler for more information - 419-824-2049
b86fiero@buckeye-express.com

April 9&10; May 14&15. Introduction to Faceting. Instructor Chet King (419-841-4272). Chet will take up to TWO people for this short introduction.

November 19-20, 2016. Ronda Returns! - three 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

The following events are scheduled for April and early May: Sunday Short Hort, April 3 9:30 am - 12:00 pm; Hort Education Series: Session 3, April 9, 9:30 am - 12:00 pm; Weed & Wine, April 20, 6:00 pm - 8:00 pm; Sunday Short Hort, May 1, 9:30 am - 12:00 pm

Volunteers are needed for the Spring Plant Sale, May 5-8. To volunteer, contact Nikki Eggerstorfer, Volunteer Coordinator at 419-536-5592 or nikki.eggerstorfer@toledogarden.org

FACETEERS

Chet King will do introductory classes on the SECOND weekend of the months of April and 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.

FIELD TRIPS

A field trip to view the University of Toledo Geology Department collections has been scheduled for Saturday April 30 at 2PM. Please park in the student section (12S) of the Law College lot. To get to this, take Secor Road along the west side of the UT campus and then turn east onto the campus road called Towerview Blvd. You'll go a couple of hundred yards along this road before reaching the Law College parking lot on your right (the turn off into the lot is just before the four-way stop intersection). Mark Camp and James Harrell will meet us at the entrance to Bowman-Oddy Laboratories, which is just across intersection at the northeast corner of the parking lot. Here is a link to the campus map:

<http://www.utoledo.edu/campus/directions/pdfs/MainCampusMap.pdf>

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

The Gem Crafters meet on Wednesdays beginning at 6:30 PM and Thursdays beginning at 12:00 PM. (Closed every third Wednesday due to the club meeting). If you are interested in lapidary and wish to register for training please contact Bonnie Wheeler at b86fiero@buckeye-express.com or Natalie Hill at natalie.hill.designs@gmail.com for more information.

THANK YOU ELIE GHANIME for the terrific Wire Wrapping class. We have additional club members who would like to attend a future class. Perhaps we can sweet talk Elie into teaching another in the near future? THANK YOU AMY SHUFELDT for the telescoping duster and refills. The duster is conveniently stored on the shelves with the faceting machines so everyone who uses the craft center can help keep the cobwebs at bay. THANK YOU TINA AND RON DOVER for the huge donation of paper towels for the Gem Crafters group. Awesome!! CAB OF THE MONTH for April will be Chrysocolla.

INTRODUCTION TO CABOCHON CREATION CLASS: Any member wishing to learn the basics please contact our instructor Natalie Hill directly at Natalie.Hill.Designs@gmail.com. Successful

completion of this training will allow you to utilize our equipment during regularly scheduled Gem Crafting sessions Wednesday evenings and Thursday afternoons.

JUNIORS

For more information, contact Steve Shimatzki - sjs132@gmail.com.

METALCRAFTERS

Our April schedule will be three, two-hour meetings on April 3, 14, 28 and a four hour meeting on Sunday April 17 (12-4). **You will still need to confirm your attendance** by e-mailing Debby at least 24 hours in advance. Participants must pay the \$2.00 session fee, and wear long pants and sturdy shoes (no sandals).

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

April 2: 10-6 & 3:11-5. Central Ohio Show. Northland Performing Arts Center, 4411 Tamarack Blvd., Columbus, OH 43229

April 15& 16 9-6, April 17, 9-5. Rocky Mountain Gem and Mineral Show. Crown Plaza Hotel & Convention Center D, 15500 E 40th Dr, Denver CO 80239. www.rockygems.com

April 16. 10-4 Parma Lapidary's Vault Sale, 2130 West 110th St, Cleveland Ohio 44102. Admission and parking are free. Join us for Parma Lapidary's 1st annual "vault sale" of lapidary material. There will be large amounts of cutting rough, slabs and equipment available for purchase. There will also be limited amounts of crystals, fossils and mineral specimens. More and more "old stock" lapidary material is being uncovered every day for this sale. The club website is www.parmalapidary.com, e-mail at parmalapidary@yahoo.com or like Parma Lapidary on Facebook.

April 23: 10-6. The Maumee Gem, Jewelry & Rock Show, Lucas County Rec Center, 2901 Key St. Maumee, OH 43537

Admission: Adults - \$1.00, Children under 12 & Parking - free

Vendors Wanted: \$20.00 per 8 ft. table contact Lisa Keefer or Angelsartisans@aol.com

April 29, 30, May 1. Kalamazoo Geological & Mineral Society, 57th Annual Rock, Gem, Fossil and Mineral Show, Kalamazoo Expo Center, 2900 Lake St., Kalamazoo, MI

April 30: 10-6 & May 1: 11-5. Geo Fair 2016. Sharonville Convention Center, 11355 Chester Rd, Sharonville, OH 45246

June 3-5. 55th Annual State Line Club Show. Fulton County Fairgrounds, Junior Fair Building, Wauseon, OH. Friday 12-6, Saturday 10-6, and Sunday 11-4

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.

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SAFETY: ROTARY SLINGSHOTS

Mel Albright; AFMS Safety Chair

http://www.amfed.org/n1997_12.htm#safe

Do you know why slingshots are so powerful? The answer is that they use stored energy to accelerate something to a high speed. That makes them strike with a great deal of force.

How many slingshots are in YOUR shop? "None",

Poster Contest

"Ventura Rocks the Nation" Poster Contest to publicize the 2017 CFMS - AFMS Show & Convention taking place at the Ventura County Fairgrounds in June of 2017. Please include both a full poster design and a companion flyer design directly tied to the elements in your larger poster (for crafting 3.25 x 4.5 postcard-sized fliers). DUE DATE: June 1, 2016 Send your design as an electronic attachment to: Diane Cook at info@vgms.org

you say. Sorry, you're wrong. EVERY device you have that goes round and around is a slingshot. Your cab machine, hand tools, polisher, saws, grinder, faceters, and more.

If anything catches on one of these devices, it is accelerated by kinetic energy this time and becomes a dangerous missile. That means that when they hit, they will have a great deal of force and YOU might be what it hits. Even worse, your EYE might be what it hits.

So what safety is required when using such devices? First and foremost is an eye shield of some sort. Some machines have one built in. But, most do not. So safety glasses or a face shield are in order. Both are inexpensive and available at your local Wal Mart or hardware store.

"But, my machine doesn't throw anything!" The needed word to add is "YET". All will throw something at some time. For your safety, many are manufactured so that anything that is sling-shot will go away from you, ALMOST every time. But, even then, they can and have come toward the user.

I'll add a personal note about a rotary tool. I had a hard rubber abrasive wheel on (1/4 inch thick and 3/4 inch in diameter) and was polishing silver with it. The shaft broke. The wheel and the jagged shaft ran up my face shield and rammed into the wall behind the workbench. It left a dent like a hard hammer blow would. It also left a deep scratch right in front of my eye. I get chills when I think "What if".

Reprinted from: March 2016 Ozark Earth Science Gem, Mineral, & Fossil Club News

Let's Play "Stop!"

This is a modified version of a child's game a young Mexican girl remembers from her childhood. All you will need is a pencil, paper, a watch with a second hand (or a stop watch) and a mineral handbook.

Here's how to play STOP! Gather a bunch of your mineral collecting friends. One player recites the alphabet starting at A (A, B, C, D, ...). A second player shouts "STOP!" The player reciting the alphabet stops on the letter she just spoke. A third player, the time keeper, says "GO!" and everyone has to write as many mineral names as possible that start with the letter the first player ended on. The time keeper will give all the players only one minute to write as many mineral names as possible with that letter. The player with the most names wins that round. Be sure to have a good mineral handbook with you. Your players may get creative and start making up real sounding mineral names. You may want to check their answers!

Reprinted from: March 2016 Ozark Earth Science Gem, Mineral, & Fossil Club News Via: Mini Miners Vol. 9 No. 9

Clean Those Minerals Tip!

A way to clean quartz and amethyst crystal carbonates such as calcite, barite and lime that does not involve dangerous acids is to cover them with fresh vinegar. Stand the crystals overnight in the vinegar; repeat if necessary. Wash well and then place the crystal in washing ammonia for 8 to 12 hours, remove, rinse and wipe. When a stone is properly polished, you can read the reflection from the bottom of an overhead light bulb in the high polish of the stone.

From the Quarry 55(3), March, 2016, via Washington Agate & Mineral Society Newsletter & The Tumbler February 2016

ITACOLUMITE – THE FLEXIBLE ROCK

Every once in a while, just when you think you have seen everything, you run across a specimen which disposes your false confidence in a puff of smoke. Here, to save some poor rockhound the shock of such an incident, I should like to introduce ITACOLUMITE... the flexible rock.

Itacolumite, alias limbergrit, alias flexible sandstone, is probably the only rock able to be bent about 6 inches in either direction and will even sag under its own weight.

It would be unfair to describe Itacolumite as a tough rock. It is really quite delicate for a rock, and when forced beyond its limits, will readily crumble. Great care must be taken to prevent breakage, and Itacolumite should always be handled with reasonable care. If such measures are taken, Itacolumite can be a source of constant wonder in a collector's cabinet.

In recent years, Itacolumite has been the source of discussion as to whether it is sedimentary or metamorphic in origin. A large portion of it is now thought to be quartzite, a metamorphic rock, other than sandstone, which is sedimentary.

Generally Itacolumite consists of minute quartz crystals, with a sprinkling of chlorite, talc and mica. Some impurities are present, which do much to determine the color and strength of the rock. These minerals roughly interlock, much like gears, and turn against each other, thus, the elasticity. Itacolumite, in itself, has no economic value. It is, however, a source of diamonds in Brazil. Released from their original matrix by erosion,

Brazilian diamonds eventually become trapped amid layers upon layers of Itacolumite. Erosion again took its toll, and the diamonds were again released, only to settle in the alluvial deposits where they are now mined. It would be interesting to note that even though it is in no case the original matrix, diamonds have been found in nearly every source of Itacolumite.

Itacolumite occurs in the Ural Mountains of Russia, scattered places in India, and throughout the southern Appalachian areas.

Stokes County, North Carolina has long been one of the best localities in the word for this unusual stone. It occurs throughout the county in huge boulders, which weather into rather thick slabs. One of my favorite locations is the road up Sauertown Mountain to the WSJS-TV transmitting station. The roadsides and gullies along the road are littered with large pieces of Itacolumite. Water running down the mountain has carved a ditch for itself out of the underlying Itacolumite and bottoms of most of the gullies are lined with rock.

In appearance, Itacolumite is much like sandstone. Layering is evident, about $\frac{1}{2}$ to $\frac{3}{4}$ inch layers are common. Using a well-placed chisel or two the large pieces can be split into thin slabs along these zones. A dull handsaw can then be used to block the layers into the elongated rectangles suited for show.

As I have stated before, the impurities in Itacolumite tend to hamper its elastic properties. Pure or as pure as can be expected, Itacolumite is nearly snow white and has a very fine grain. Slabs $\frac{1}{4}$ inch and smaller of the purest type can sometimes be bent ten inches or more. The greater the impurities, the browner and coarser it is. From The Glacial Drifter:59(03), March 2016. With thanks to Kip Hodges, Tocks & Minerals. Via Sooner Rockologist; Pick& Pack 9/86; & Glacial Drifter Aug 1990

"Tully monster" identified as vertebrate after about 60 years A bizarre, tiny creature known as the Tully monster that lived more than 300 million years ago has been identified as a vertebrate similar to modern lampreys about 60 years after the discovery of myriad fossils in Illinois.

Researchers studying more than 1,200 specimens of Tullimonstrum gregarium noted a pale line running down through its tail that was determined to be a notochord, placing it among vertebrates. "The Tully monster also has large complex eyes, horny teeth, a tail fin with fin rays and a tri-lobed brain," features that helped in the identification, according to Victoria McCoy, co-author of a study published in Nature.

SmithsonianMag.com (3/16) From Sigma Xi Smart Brief

Manuscript by Newton details how to make "philosophers' stone" An ancient alchemy manuscript by Isaac Newton containing instructions on how to make a material needed to create the legendary philosophers' stone has been discovered in a private collection that was up for auction last month. The title of the 17th century manuscript, translated from Latin, is Preparation of the [Sopnick] Mercury for the [Philosophers'] Stone by the Antimonial Stellate Regulus of Mars and Luna from the Manuscripts of the American Philosopher." The manuscript was bought at auction by the Chemical Heritage Foundation. LiveScience.com (3/24) From Sigma Xi Smart Brief

Viking treasures found in Scotland A vast cache of Viking treasures has been discovered in Scotland, including gold and silver jewelry, silk and other objects. The hoard was found in two layers in the Galloway region of Scotland. "This hoard will add hugely to our understanding of Viking movements around the landscape, their interactions with other people, their craftsmanship and to a huge range of other issues and themes," said Viking expert Olwyn Owen. National Geographic News (free registration) (3/23) From Sigma Xi Smart Brief

April

2016

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3 Metalcraft	4	5 Extreme beaders 9AM No Faceteers	6 Gemcraft 6:30PM	7 Gemcraft 12 noon	8	9 Introduction to Faceting
10 Introduction to Faceting	11	12 Extreme beaders 9AM	13 Gemcraft 6:30PM	14 Gemcraft 12 noon Metalcraft 6:30	15	16 Gemcrafter Class
17 Metalcraft 12-4	18 Beaders 6PM	19 Extreme beaders 9AM No faceteers	20 Club meeting 7PM Gemcraft Auction	21 Gemcraft 12 noon	22	23
24 Juniors 1PM	25 Gemcrafter training 5:30	26 Extreme beaders 9AM	27 Gemcraft 6:30PM	28 Gemcraft 12 noon Metalcraft 6:30	29	30 UT Field Trip 2PM