

TIME TO RENEW!

For Previous Members only! New member forms can be found here:

<http://rockyreader.com/content/membership.pdf>

Print and bring this form to the Show or next meeting. You can also mail to:

Stephen Shimatzki, 4295 County Road 16, Woodville OH 43469

2017 – 2018 TGRC Membership RENEWAL

Name: _____

Membership Level:

☐ Individual \$16.09 after tax

☐ Family \$21.45 after tax

Has any of your directory information changed?

☐ NO, EVERYTHING IS THE SAME AND I GET THE CLUB NEWS LETTER JUST FINE!

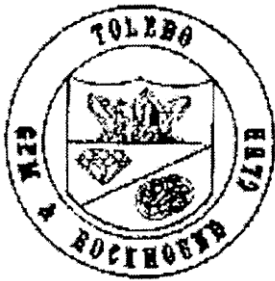
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OTHER: _____



Rocky Reader

The Monthly Newsletter Of The
Toledo Gem And Rockhound Club

Volume 55, Issue 9

September 2017

Message from the President

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Dear Club Members,

I truly enjoyed the turnout at the August meeting. Many items were discussed such as the need of volunteers for our big show in September, the club picnic a couple of weeks after the show at Wildwood Metro park, and a new Saturday program of gem-crafting for the kids in high school.

Other items of discussion were also upcoming event's such as the October field trip to Flint Ridge, and an ornament contest that all club members can participate in.

Finally, I would like to invite members to the next Heralding the Holidays meeting on September 6 at 6pm in the Conference Center. There will be continued discussion about the event and how preparations are progressing.

Looking forward to seeing you all at the show!

Catherine Clevenz

TG&RC President

Clevenz@gmail.com

Club Elections

In November 2017, we will hold Club elections. At present, we have several positions that we hope to fill for the Club to continue to function efficiently. Any organization, but particularly one like ours, needs dedicated members who are willing to contribute of their time and talent toward making the Toledo Gem & Rock Club one of the best in the country. A nominating Committee has been formed and is presently looking for individuals that are interested in serving our membership. If you are interested in running for any of the open positions please contact the Nominating Committee in September/October.

Toledo Gem and Rockhound Club
Monthly Club Meeting Minutes August 16, 2017
Toledo Botanical Garden Conference Center

The meeting was called to order at _____ p.m. by Sergeant at Arms Chet King. President Cathy Clevenz led the pledge of allegiance. There were _____ members present.

Committee Reports

Gem Crafters – Work sessions on the first and third Saturdays have not been appearing in the calendar, but are occurring from noon to 4 p.m. through August. We are still having issues with people grinding stones only in the middle of the wheels and pushing hard against the surface. This removes the diamond coating unevenly and ages the wheels prematurely. Please look at and sign off on the grinding instructions from [Diamond Pacific](#) and then follow those procedures. Elie mentioned that he has a 60-minute [Youtube](#) video on shaping and polishing cabochons as well as a wealth of information on many lapidary tools and techniques.

Beaders – are meeting on the 3rd Monday at 6 p.m. in the craft center.

Open House/Show Cases – Nancy noted that the Open House is up in the air due to Metroparks taking over garden operations. Cases for the Gem and Mineral Show need to be done on Thursday by 6 p.m. They will be at the Stranahan on Thursday after 11 a.m.

Extreme Beaders – continue to meet from 9 a.m. to 4 p.m. with a break for lunch each Tuesday.

Metal Crafters – the Aug. 3rd wire wrapping class is full as is the July 29th ring-making glass. There won't be other classes in August due to the show. Open work sessions will be on the website calendar as long as it gets updated.

Facetors – Elie has a class worked out if there are enough people to take it on a Sat. and Sun. – sign up on the sheet in the Craft Center. Chet has weekend facetors learning very basic elements on the second Saturday /Sun starting at 10 a.m. Please contact him so he knows how many are coming—machines and space is limited.

Juniors – Steve S. said the next meeting is this Sat. July 22 at 2 p.m. He will cover the red, white and blue craft used to submit the winning entry in the jewelry contest.

Gem Show Update – Steve noted that the weekend after Labor Day is our annual gem and mineral show- Sept. 9, 10, 11. A workday is set for Saturday, August 19th to sort and prepare materials for transport prior to the show date. On Thursday, September 8th, we need to haul over fixtures, materials and displays starting early in the morning. Nancy will be at the Stranahan with a crew to unload and set up things. Tables need to be covered before anything arrives, and food needs to be prepared, so volunteers who have signed up are asked to show up early to help. Most critical to a successful event is that after the Show is over everything needs to be taken down, loaded up, transported out, unloaded and put back into storage. It is important that we have our volunteers ready and willing to finish the job.

The meeting was adjourned at _____ p.m. on a motion by _____, seconded by _____.

Michelle Grigore, Acting Secretary

TGRC Craft Center News

The Gem Crafters work group has been able to coolant, buffing pads, replacement blades and grinding as other supplies with the funds we had on hand. funding has been authorized by the Board to complete upgrade to our Craft Center that is intended to benefit all members.

Christmas Crafters Contest

Our President, Cathy Clementz, has offered a challenge to our members with the announcement of a Christmas themed contest. In order to encourage more participation, it was suggested that we provide a tree to display the holiday offerings. Nancy Grove volunteered a Silver tree that should fit the bill perfectly. We hope to see many beautiful creations on or even below our Gem-craft Tree in the month of December.

TBG Saturdays: Craft Center Volunteers Needed

We need your smiling faces ! Volunteers are asked to greet visitors each Saturday from 2-4 PM to the Craft Center to see what our Club is all about. There are openings available from April through the end of July. A list is available for sign-up at meetings and in the Craft Center. Contact Amy Shufeldt at (419) 367-2131 or shufrog@roadrunner.com

Garden Events & Volunteer Opportunities

ZimSculpt, the exhibition of more than 100 garden-sized stone sculptures from Zimbabwe, has arrived at Toledo Botanical Garden! The exhibition also features two in-residence Zimbabwean artists and a marketplace of more than 200 table-top and hand-held sculptures. ZimSculpt will be featured at the Garden from September 2 through October 29 from 9 a.m. to 5 p.m. daily (and from 9 a.m. to 9 p.m. on Thursdays and Saturdays).

Please join us **Thursday, September 21, 2017** for the sixth annual Harvest Market Dinner. Enjoy a festive evening in a vibrant, bustling market, while tasting and sampling a wide variety of fresh, sustainably-grown local food dishes, all prepared by local restaurants and chefs. The evening will include a cash bar with locally crafted beers and wines, live music, good friends, and more ~ 6:00 pm to 10:00 pm Proceeds from the Harvest Market Dinner benefit Toledo GROWS (Gardens Revitalize Our Worlds), our community gardening outreach program at Toledo Botanical Garden. For questions or to make reservations via phone, please contact Carol Gray at 419.536.2039 or by email carol.gray@toledogarden.org

Heralding the Holidays is scheduled for Friday, December 1, 2017 from 5:00-9:00PM and Saturday, December 2, 2017 from 10:00AM-4:00PM. More information coming soon!

Calling all Volunteers. Trish Hausknecht, Volunteer Services Manager, has been working with Julie Pompa regarding the transition. The Garden is identifying new volunteer opportunities. We ask that you complete a Metroparks Volunteer Application, at <https://metroparkstoledo.com/volunteer> . When prompted for a Volunteer Assignment, please type in "TBG". You will receive an email inviting you to a volunteer orientation. We encourage you to attend an orientation in the near future but you are welcome to continue your volunteerism at the Garden prior to attending the orientation. If you haven't had a chance to register yet or you have any questions, please feel free to give Trish a call at 419-407-9703.

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We need volunteers to be on-site during **ZimSculpt**, welcoming visitors to the Garden and directing them to the exhibition areas. We'll have openings nearly every day, usually in the mid- to late-afternoon time periods. This is an opportunity to introduce visitors from around the Midwest to the Garden at an especially beautiful time of year, and to experience the ZimSculpt exhibition for yourself. Please call (419) 351.2132 and leave a message. Thanks in advance for all you've done for the Garden, and what you can contribute to ZimSculpt this Fall. Again, thank you for your support. We can't do it without you.

Family News: September Birthdays

Teresa Perry 4
Mark Gretsinger 4
Chet King III 7
James Markowiak 10
Amy Towell 11
Kayla Haynes 12
Kahil Haynes 12
Chet King, Jr 14
Aludra Nyx 14

Tina Dover 19
Nancy Grove 19
Patricia Hillard 20
Lora Houttekier 21
Mark Ramirez 22
Barb Carpenter 23
Meg Barnhizer 28
Pat Motter 29

FACETEERS

Elie Ghaimé teaches a full 2-days of faceting theory for up people at the time, if you are interested please send me an confirmation to: eghanime@buckeye-express.com. Chet will teach hands-on faceting classes on the SECOND weekend of the month. Chet will take up to two people for short introduction. Call Chet (419-841-4272) for more information.

FIELD TRIPS

Contact Harold Burleson hburle@msn.com or haroldburleson12@gmail.com to coordinate or be informed future field trips. A field trip is planned for Flint Ridge near Newark, Ohio in October 2017. Contact Catherine Clementz for more information.

	
	email King
Crystals...Minerals Cutting Stock.....Tools New & Used Equipment	this of

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). The Joint Gem & Metal Craft session will be held on the second Wednesday, June 14th.

The Cab of the Month is: Tiger Eye



The Tiger Eye effect is likened to the sheen of a spool of silk: The luminous streak of reflected light is always perpendicular to the direction of the fibres. For a gemstone to show this effect best it must [should] be cut [en cabochon](#), with the fibers parallel to the base of the finished gem. The best finished specimens show a single sharply defined band of light that moves across the stone when it is rotated. Ancients believed that the Tiger Eye was a powerful **stone** that aided harmony and balance, and helped one to release fear and anxiety. They believed that It stimulated taking action, and helped to make decisions with discernment and understanding, unclouded by emotion.

A **new work session on the First and Third Saturdays of the month** will occur during the summer. The hours are **noon to four p.m.** starting in June. If we get enough support in the form of moderators and participants, who are also willing to talk to the public that might drop by, this work session may be continued. As of now it's a **trial session for this Summer**.

There is a **new clipboard** hung on the wall between the big and medium slab saws—please use it to note any equipment maintenance or repair that is needed.

A Gem Crafter Equipment Work Day will be held the **Second Saturday of each month**. Please show up at 9 a.m. if you want to help out or contact Michelle Grigore at mgrigoretgrh@gmail.com.

If you are interested in lapidary and wish to register for training please contact Tonia Wallace (toniawallace72@gmail.com).

JUNIORS

The Juniors have elected to change our current meeting schedule to the 4th Saturday of every month from 2-4 pm..

Our junior members are age 6 (ish) up to age 17 and we focus depending on interest of the regular attendees. If you have something you are interested learning or doing with the Junior group, don't hesitate to ask, Your input is important and I try and set up the meetings to learn about and do stuff that you and the other Juniors want to know about. More advanced juniors may be given independent projects to share their results with the group.

Juniors is a "hands on" type of group where I pass around samples and we learn together. Questions are encouraged by the juniors and I will answer them or identify their rocks from home to the best of my ability. There are usually take home samples also. We do ask at least one parent be available with you to help and learn with you. It is more enjoyable that way and I know you will get more out of it when you have a "buddy" at home to help.

Any other questions about the juniors, Please ask Steve Shimatzki. E-mail: sjs132@gmail.com or call: 567-868-8794

METALCRAFTERS

The following is the program schedule for Metalcrafters as of September 2017, Of note, we are now offering morning, afternoon and evening sessions for the convenience of our members. We strive to have classes that are affordable for all members.

Metalcrafters beginning class is "Introduction to Metalsmithing". This class teaches the theory and basics of metalsmithing and the cost is only \$10 and includes copper supplies. To schedule a class please contact Steve Cielinski at 77stevec@gmail.com or call him at [419-343-7259](tel:419-343-7259). The limit for this class is 2 people. The time and date may vary.

The next Metalcraft class is "Making a Pendant or Ring". This takes the Intro class one step further to create a pendant or ring in silver. The cost for this class is free after taking the Intro Class. To schedule please contact Terri Jones at terri.jones@promedica.org, or terriljones54@gmail.com or call at [419-343-6203](tel:419-343-6203).

The **Joint Gem & Metal Craft session** will be held on the second Wednesday of each month.

On Thursday, September 14th, Ron Miller will host a Wirewrapping class; "Pharos (Cab) Ring. The cost will be determined and the class will run from 6pm to 9pm. The limit for this class is 10 people. We currently have 10 people signed up.

The following is the list of upcoming Wire Wrap classes* that will be featured through the end of 2017. *Dates are Subject to change and cost depending on supplies needed.

October 5th Nefertiti Bracelet
November 9th Nefertiti Pendant & Earrings
December 7th All Wire Sculpture Pendant

We will be looking into other classes and will have an enamel class and an etching class in the Fall. I am working on a Viking knit bezel class and other jewelry classes including lost wax casting. Stayed tuned for more fun!

The **Joint Gem & Metal Craft session** will be held on the second Wednesday of each month.

See the calendar for open sessions morning and evening.

Contact Terri Jones at terri.jones@promedica.org, terriljones54@gmail.com or call at [419-343-6203](tel:419-343-6203) with questions.

Upcoming Events from Chet King's Flyer Table

The following is a partial listing of upcoming events in our region and around the country. Let us know if you know of or visit any others.

The Annual Toledo Gem & Rockhound Club Show

at the Stranahan Theater & Greater Hall,

4645 Heaterhdowns Blvd, Toledo



Sept. 8-10th: TOLEDO, OH. Fri 2 pm - 8 pm; Sat 10 am - 6 pm; Sun 11 am - 5 pm.

Guidelines for Cleaning Rock & Mineral Specimens

It is possible to find vast quantities of specimens during your average 4 hour collecting excursion. When they do get home, are they ready to be displayed or do they need some extra attention first? The following guidelines may help you prepare your specimens for display.

Cleaning – Making your collection SHINE.

Caution – Some minerals, especially fibrous ones, can be damaged by water. It can physically deform delicate features and even chemically attack some crystals.

Determine your stone's Hardness Value from the Mohs' Hardness Scale. Hardness is the stone's ability to resist external stresses, such as scratching. For our purposes, minerals with a Hardness Value of 7 or above can be considered a Hard gem rock. Values under 7 should be treated as Soft minerals.

Start off with a plastic black tub, filled with water (room temperature). **Some minerals are sensitive to quick temperature change, so be careful with the water temp!** Place some of the specimens into the water. Gently hold one in your hand, and agitate it in the water to remove some of the dirt. You will be surprised how well just a little water works. Repeat several times till you can see if there are more minerals present on the specimen. Colorado is well known for combo specimens, so keep a close eye open! After examining for other minerals present, you can use an old tooth brush to remove more dirt in the crevices. I have even had tiny Fluorites, Goethites and Quartz crystals etc. pop up in those crevices after using the tooth brush and spray bottle!

Sometimes just the water helps to clean, but when you get those iron stains you might want to move on to straight vinegar. It is a very mild acid, and can remove some mild iron stains. Leave sit in the vinegar for several days as needed, and gently agitate the vinegar every once in a while, to help remove the stain. If the vinegar fails to remove all the stain, you might want to try "Super Iron-out" stain remover. This product is used for removing iron stains in sinks, tubs, toilets etc., and is easy to find at your local hardware store or anywhere they sell plumbing chemicals like drain cleaners.

**Always read all instructions and warnings for use, before attempting to clean any specimens!
It's best to use a small sample for testing first, before cleaning the better pieces.**

For mineral cleaning with Super Iron-Out (SIO), we mix up enough SIO powder in the water to completely saturate the mixture with as much SIO as the water will dissolve (or close to that). This is a strong mixture and depending on your stains to be remove, soak time will vary from a few hours to a few days or a week. The mixture does not always need to be this strong. Use containers just big enough for your specimens to be cleaned. **Use in a well-ventilated area, we put lids on our soak containers to keep down the fumes/smell.**

Always use distilled water with this soak process as the SIO will leach any minerals out of the tap water and cause a crusting on your specimen.

After soaking you will need to rinse off the specimens. If you have a pressure wash gun (textile cleaning gun) you can use this with tap water. Very carefully rinse off the specimens with the pressure wash gun. Depending on the specimens and delicacy, you will want to adjust that gun's output and distance used from specimen while rinsing. If you do not have the textile pressure gun, go to the rinse soaking step.

Next you will need to rinse soak (distilled water again) for at least the same time as the SIO soak or longer. Some pieces with heavy staining (iron deposits) may need to have clean rinse water about half way through the soak period. After the soak period, some pieces may need a repeat of the whole process, some may just need sprayed off after one process for the desired effects.

- Use water gun regularly. A little acid, neutralize, and then spray with water. Repeat until you are happy.
- Iron staining – Iron Out, muriatic acid or Oxalic Acid.
- Deeper stains and chemical removal of matrix – Hydrofluoric acid (HF) contacting your skin can be deadly, extreme caution is advised. There are very few instances when such a strong acid should be used, even in dilute concentrations. If you have a piece that you think needs an HF treatment, consider sending it away to a professional.
- Tough stains may be protected by thin coatings of carbonate. Try dissolving the thin coating with vinegar before reintroducing it to the other cleaners again.
- Soda Water is (Baking soda and water) used to neutralize acids.
- Soak in soda water for 2x time that it was in any acids
- Ultrasonic cleaners – use a wetting agent (detergent) for better effectiveness.
- Improving luster – Fluorite and some other minerals can be enhanced with Armorall or other sprays. Spray and then immediately rinse.

Cleaning Boulders or large rocks

Use a stiff brush or broom to remove any loose dirt. Use a garden hose to wash off soil. Remove algae and moss if desired by scrubbing the rocks with vinegar and a scrub brush. Rinse rocks after scrubbing with a garden hose.

Cleaning Geodes

You don't need to use harsh chemicals to clean a geode. Stick to a simple mixture of water and laundry detergent. Mix a splash of laundry detergent with warm water and gently swab the geode with a toothbrush. As the geode will need to soak to get completely clean, you will not be able to get off all the dirt and debris in the first round of cleaning. Simply strive to do your best.

If staining is a problem soak the geode in bleach for a day. Mix a tub of water with a quarter cup of any household bleach. You can buy bleach at a department or hardware store. Submerge the geode in the bleach and let it soak for 24 hours. After the geode has soaked, you can wash off the remaining dirt and debris. You can buy denture cleaner at most department stores. Use denture cleaner and a soft-bristle toothbrush to scrub off any remaining dirt stuck to the geode. After the geode has soaked, you can wash off the remaining dirt and debris. You can buy denture cleaner at most department stores. Use denture cleaner and a soft-bristle toothbrush to scrub off any remaining dirt stuck to the geode. **Make sure to wear gloves when handling bleach.**

If iron residue is stuck on your geode, you can soak it in wood bleach to clean it. To start, give your geode a light rinsing under the faucet to remove any dirt or debris. Wood bleach can be very harmful to the hands and eyes. Safety precautions are important; see above. Mix a cleaning solution. Typically, to soak a geode, you should mix an eighth cup of wood bleach in five liters of water. Some bleaches may need to be diluted more than others, make sure to read the label.

Submerge your geode completely in the wood bleach mixture. Allow it to soak for around two to three hours before checking on it. If the iron is gone, you can remove the geode at this point, if not keep soaking the geode until it's clean. Check it again in about half an hour. Be vigilant. Letting the geode linger in wood bleach for too long can harm it. After the iron is removed, take the geode out of the bleach solution. Wash off the bleach by running the geode under warm water.

Cleaning Quartz Crystals.

Place the specimens in the crock pot, add cold water, then a couple of ounces of dry oxalic acid and top off with cool water. Be sure the water is above the crystals because any crystal sticking out will not get cleaned. Cover with the glass or plastic lid, plug in and set the temperature control to low.

Cleaning an Amethyst.

Soak the specimen for 15 to 20 minutes to loosen any dirt. For larger pieces, soak an old wash cloth in warm water, and put a half dollar-sized amount of dish detergent in the center of the cloth. Agitate the cloth to work up a lather, then carefully wipe the cloth over the specimen to clean it.

Cleaning Fossils.

Depending on your fossil and locality where it was found there different techniques used in cleaning and preserving them. If sure of what to do consult a fossil expert in your area.

Before cleaning your important fossils do a visual inspection check for stress marks, cracks and areas of poor preservation. Avoid putting extra pressure on those areas while you start cleaning. Some cracks can be stabilized with adhesives.

Nuggets

Preparing Breakfast.



are many
you're not

of them,

(cracks)
fast setting

1. Start by removing the large foreign matter, examples: barnacles, oysters and algae, this can be done with toothbrushes and dental picks (no pun).
2. After major cleaning is done, soaking the fossil in a 50% solution of half apple cider vinegar and water. I soak my fossil for about 1 hour and go back with a toothbrush to help remove some of the foreign material. While cleaning the fossils check to make sure that the fossil is not being etched by the acid. (Yes, vinegar is an acid) Keep repeating this process until the fossil is clean.
3. After the fossil has been cleaned of all foreign matter, rinse it and then soak it in fresh water for about one hour depending on how long you had the fossil in the vinegar. Normally 1 hour will work.
4. Wash your fossil with antibacterial hand soap; Dial liquid soap is mild and great.

5. Dry your fossil in a cool dry place. Never dry fossils in direct sunlight. Drying too fast or in direct sunlight can stress the fossil, causing it to crack, not to mention it will sun burn (discolor). Remember your fossil has not seen direct sunlight in thousands to millions of years.

The above material includes excerpts from an article that was originally published by the Albuquerque Gem & Mineral Club April 2014, Prepared By Adam Frus with additional material included from the Colorado Prospector Webpage forum; <http://www.coloradopro prospector.com/forums/index.php?showtopic=2708>

WELCOME NEW MEMBERS:

Pam Lajiness, Riga, MI
Rebecca Griffey, Toledo, OH

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>



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