



Rocky Reader

<http://www.rockyreader.com>

The Monthly Newsletter of the Toledo Gem and Rockhound Club



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March 2015

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President's Message

I want to extend a huge **thank you** to everyone who participated in last month's Metalcrafters Auction. From those who donated, to those who came to spend, everyone was incredibly generous. The auction went very well and we earned well over \$700. Debby is working with the group to decide exactly how that money will be spent, but has said that we will likely be able to bring in another outside instructor to teach new skills and techniques if that is what the group chooses. More to come as those decisions are made. Thanks also to Debby and Linda McConahey for providing refreshments for the meeting.

Our first meeting of the Executive Board was also in February. We discussed that all of our satellite groups have started to collect the extra \$1/day fee for the use of the craft center. Within the next couple of months we will be able to tell exactly how close that gets us to covering the increase in rent from The Gardens for this year, but if January is any indication, I think it is going to be very close and is going to be key to keeping us financially healthy in light of that increase.

The board also voted on a member to fill the vacant board seat. I would like to thank Kathy Petersen for agreeing to serve with us in your interests. I doubt there are many of you who do not know Kathy. She has been a member for many years, and from secretary to moderator, to dear friend, she has served most of us in more than one capacity already. Welcome Kathy and thank you!

Finally, the board finalized the budget for the 2015 calendar year. Rising costs in several areas continue to challenge us as much as it challenges all families and businesses today. The show, our lease with the Gardens, our Open Houses... all of these will cost more. I want everyone to know that your Executive Board and your officers continue to work very hard to control costs and to come up with creative ways to offset these increases. I am confident that our club will continue to thrive and that we will work through this together, just as we always have.

Stay warm and Healthy and be good to one another! I'll see you all in March if not before.

Tonia

Rocky Reader–March 2015

The Swap Corner

This month officially begins with a new Rocky Reader feature: The Swap Corner. Members who have items they wish to trade or swap that may be of interest to other members may put a brief notice in the column. No prices may be listed.

March Meeting:

The program for March will be Knifemaking with an emphasis on Damascus steel. Club member, Dave Bruns will talk about his experiences making knives.

Show News:

This year the club show dates are September 10-12th. Please remember that the show cannot go on without YOUR help. We need volunteers for:

admissions, sales, kids' games, Gem tree making, the scholarship raffle, Geode cracking and manual labor.

Remember if you volunteer to help for a 2 hour shift you get free admission to the show.

As always, I look forward to meeting our club members.

John Capuano

News: Congratulations to Elie Ghanime for being named LAPIDARY ARTIST OF THE MONTH in the March issue of ROCK & GEM MAGAZINE!! His article details the step by step process he used in creating a beautiful Plume Agate cabochon set in Argentium silver.

Toledo Gem and Rockhound Club Meeting Minutes

Date: February 18, 2015 General Meeting Agenda

Meeting started 7: 35 pm with Pledge of Allegiance

The metalcraft silent auction ran from 7 pm to 7:30 pm

Secretary Report – moved for approval by Harold Burleson and seconded by John Capuano

Treasurer Report – Finance Report moved for approval by Harold Burleson and seconded by Ruby Reynolds

Old Business

Discussion regarding key access to the garage for the show chairperson.

Website is progressing so pictures from club members can be showcased if they would like to share them.

New Business

Board Meeting was held this past Sunday, February 12, 2015. The Board passed the budget for the club for 2015 and copies were available at the meeting and will be in the future if desired.

Kathy Petersen was approved by the Board to fill an open position.

An auditor is required to review the Club's books

Group Reports

Gardens: Next is the seed and bulb swap at Woodward High School on Feb 28

Gemcrafters: See Rocky Reader for dates

Rocky Reader–March 2015

Faceteers: Plan to start in the spring

Metalcrafters: See Rocky Reader for dates and information

Beaders: Weather permitting will start back in February on the third Monday of the month

Extreme Beaders: See Rocky Reader for dates – normally every Tuesday

Juniors: will look at enclosed cabbing

Sunshine: Donald Ault passed away in January and the membership passed that his name be added to the memorial plaque\

Membership: 32 members and 1 junior

Field Trips: None scheduled during the winter and at some point a MSHA class will be held.

RockyReader: (Lyn) - Email info to Lyn by Monday following the meeting.

March meeting will be a discussion of knife making by Dave Bruns

The meeting concluded at 8:15

Respectfully submitted,

Mike Mayers, Secretary

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Thelma Postlewaite's Family News March Birthdays:

1	Jeff Erdman Amberlyn Gillis Lily Surtz
2	Doug Danz
5	Robert Cramer
11	Fritz Gehring
13	Stacey Goeloe
15	John Oberhouse Sedric Shimatzki
16	Caleb Glonek Jennifer Heer
18	Joanna Al-Hinti
20	Matthew Goeloe
24	Jeff Smarkel
26	Sadira Heer
29	Jayne Largent
30	Kathryn Hotchkiss
31	Dave Bruns Jonnie Taylor

Don't forget to check the expiration date on your driver's license.

Rocky Reader–March 2015

BEADERS

Monthly Beaders will resume if weather permits.

EXTREME BEADERS

Extreme Beaders continue to meet on the weekly schedule, Tuesdays, 9-5, at the Craft Center. Extreme Beaders attendees should be able to work independently and have their own projects, materials and supplies. New attendees interested in Bead Embroidery should contact Shirley Stieb or Kathy Petersen for a materials list, and to schedule initial instruction, if necessary. Extreme Beaders are often working on Thursday afternoons, during Open Gemcrafter days. If interested in beading or instruction during these times, check with Shirley Stieb or Kathy Petersen to verify that beaders will be working that week.

FACETEERS

Faceteers have regular meetings the 1st and 3rd Tuesdays of the month at the craft center. Please contact Elie if you have questions. There will be a faceting workshop. See flyer, p.10

GEMCRAFTERS

GEM CRAFTERS

April is the annual Gem crafters auction and sale. Proceeds from this event will be earmarked toward purchase price of a sphere making machine for the club.

Our BUY IT NOW tables of already priced merchandise will be open for sales from 6:30 PM until approximately 7:00 PM when the regular business meeting begins. A large quantity of faceted gem stones will be available with a limit of 2 per member which will ensure that all members have an equal opportunity to make a purchase. Other BUY IT NOW items will include brand NEW packages of beads, cords, wire, findings, childrens' craft kits, Transformers 68 Piece Construct Bots and more!!

Our AUCTION will begin at the close of the business meeting. Up for bid will be rocks, slabs, specimens, equipment and whatever YOU donate. Not sure what to donate? We welcome any and all club related items. At past auctions we have successfully sold pies, home made tamales & chocolate waffles, restaurant & store gift cards, all manner of new merchandise, craft storage containers & cabinets, original artwork, art supplies, jewelry show displays, artifacts, tools & tool kits, even clean bubble wrap!!

Don't forget to bring your wallet full of cash and your checkbook. All purchases must be paid for at the end of the auction. (Sorry, we do not offer an extended payment plan).

Please support your club in this endeavor to acquire a unique piece of new equipment. Donations may be dropped off at the Craft Center during Gem Crafter sessions Wednesday nights or Thursday afternoons or feel free to bring your donation to the April meeting. A huge thank you to all of our generous club members.

See you at the Auction & Sale,
Bonnie Wheeler, Moderator

METALCRAFTERS

CLASSES

The following schedule is a listing of upcoming classes. To enroll, please send fees to the instructor three weeks prior to the class.

March 7 & 8 10AM. Precious metal Clay.

March 21 10AM. Basic pendant. (5 openings). Instructor Debra Hoffmaster. Fee of \$10 to be sent to Debby Hoffmaster and RECEIVED (not postmarked) by March 7. This is the required introductory class for the metalcrafter group. It teaches the fabrication of a bezel set pendant. All materials and tools are provided.

April 18, 2015 10AM. Enameling with underglaze (1 opening). Instructor Harriet Nearing. Fee of \$50 to be sent

Rocky Reader–March 2015

to Debby Hoffmaster and RECEIVED (not postmarked) by March 28. This is an advanced class. Participants must have had previous enameling experience. Students will make a pendant by first chasing a design, then applying liquid underglaze onto the chased lines. A transparent enamel is then sifted onto the dried underglaze and the piece is fired. All materials and tools are provided.

May 9, 10AM. Spoon jewelry (5 openings). Instructor Debra Hoffmaster. Fee of \$35 to be sent to Debby Hoffmaster and RECEIVED (not postmarked) by April 25. Participants in the class will be provided with one sterling silver demitasse spoon and two plated utensils from which it is possible to form a ring, bracelet and pendant.

METALCRAFTER MEETINGS

Weather permitting, the Metalcrafters will meet March 1,12,15,and 26 Sunday meetings are from 1:30 - 3:30 and Thursday meetings are from 6:30-8:30. Please check your e-mail for any cancellations. I will post these no later than one hour before the scheduled start time of the meeting. Notices go out to those receiving metalcrafter e-mails. If you are not currently getting these e-mails, please let me know.

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 the basic pendant class on March 21. 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.

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.

Third Sunday Project - Third Sunday Project - The March third Sunday project will be making a washer setting for a faceted stone. https://www.beaeducation.com/design_ideas/261). We will make the setting in brass for a larger stone (6+mm). Participants interested in this project should pre-register with me (debhoffmaster@gmail.com). Yellow brass metal and rivets will be provided or you may bring your own metals. Participants must pay the \$2.00 session fee, and wear long pants and sturdy shoes (no sandals). Please remember, the third Sunday projects are open to any club member.

Finally, we have a new book in the metalcrafter library: Creative Soldered Jewelry & Accessories: 20+ Earrings, Necklaces, Bracelets & More (Lark Jewelry & Beading). While not a good reference for silver work, it clearly lays out the differences between soft (soldering iron) and hard (torch) soldering. In addition, it has a number of soft soldering projects that would be immediately accessible to anyone with stained glass experience.

RockyReader: deadline is Monday after the meeting for all material. Please send any news, changes to classes or announcements to editor@rockyreader.com.

Events From Chetty King's Table:

March 6-8—Richmond, IN: Annual show; Eastern Indiana Gem & Geological Society, Wayne County Fairgrounds; 861 N. Salisbury Rd.; Fri. 10-6, Sat. 10-6, Sun. 11-4; adults \$5, seniors \$3, students \$1, children (under 7) and Scouts and leaders in uniform free; jewelry, minerals, fossils, displays, demonstrators, silent auction, children's activities; contact John LaMont, 1271 Fairfield Ave., Brookville, IN 47012, (765) 647-4894 or (937) 339-1966

Rocky Reader—March 2015

March 20-22—Jackson, MI: Annual show; Michigan Gem & Mineral Society, Jackson County Fairgrounds - American 1 Event Center; 200 W. Ganson; Fri. 11-7, Sat. 10-6, Sun. 11-5; adults \$4, seniors \$2, students \$1, children (under 5) free; kids' activities, gems, minerals, fossils, beads, jewelry, lapidary supplies, demonstrators, exhibits, displays, silent auctions, door prizes, raffle; contact Sally Hoskin, (517) 522-3396; e-mail: saltoosal2@yahoo.com; Web site: mgmsrockclub.com

April 9-11—Wyoming, MI: Annual show; Indian Mounds Rock & Mineral Club, Rogers Plaza Town Center; 972 28th St. SW; Thu. 9:30-9, Fri. 9:30-9, Sat. 9:30-7; free admission; contact Don Van Dyke, 4296 Oakview, Wyoming, MI 49519, (616) 669-6932; e-mail: donvandyke@tm.net; Web site: www.indianmoundsrockclub.com

April 11-12—Canton, OH Annual show; Stark County Gem & Mineral Club, Stark County Fairgrounds; 305 Wertz Avenue NW; Sat. 9 am-5 pm, Sun. 10 am-5 pm; Admission = Adults \$5, Seniors \$4, Students \$1, Children under 6 free; contact Elise Dougan; e-mail: donelisedougan@gmail.com

April 11-12—Columbus, OH: Annual show; Columbus Rock and Mineral Society, Licking County Rock and Mineral Society, Northland Performing Arts Center; 4411 Tamarack Blvd.; Sat. 10:00 am-6:00 pm, Sun. 11:00 am-5:00 pm; Adults \$7.00, Seniors \$6.00, Students \$3.00, Children under 6 Free; 2015 theme: Frozen: Ohio's Ice Age. Scouts in Uniform and Teachers with a school ID are free. contact Craig Kramer, 628 Sanbridge Circle E., Columbus, OH 43085, (614) 436-4511; e-mail: craig.kramer@wowway.com; Web site: www.columbusrockandmineralsociety.org

April 25-26, Troy, OH: Annual show; Brukner Gem & Mineral Club, Miami County Fairgrounds; 650 N. Co. Road 25A; Sat. 10-6, Sun. 10-4; adults \$2, students and children free; contact Judy Burton, 912 Kent Lane, Troy, OH 45373, (937) 339-1966; e-mail: jleeburton@woh.rr.com; Web site: www.bruknergemandmineralclub.com

April 25-26—Cuyahoga Falls, OH: Semi-annual show; Akron Mineral Society, Summit Lapidary Club, Emidio & Sons Expo Center; 48 E. Bath Rd.; Sat. 10-6, Sun. 10-5; adults \$5, seniors and students \$4, children (under 6) and Scouts in uniform free; contact Joyce Kish, 3014 Clarkmill Rd., Norton, OH 44203, (330) 753-7081; e-mail: gemboree@outlook.com

May 1-3—Kalamazoo, MI: Annual show; Kalamazoo Geological and Mineral Society, Kalamazoo County Expo Centr; 2900 Lake St.; Fri. 4:00 pm-8:00 pm, Sat. 10 am-6 pm, Sun. 10 am-5 pm; Admission = \$3, Children under 12 free; 1 Proceeds go to scholarships for WMU Geology students.; contact Jerry VanNocker, (269) 979 3348; e-mail: jerry@travelinginspain.com; Web site: KalamazooRockClub.org

May 16-17—North Olmstead, OH: Show and sale; Parma Lapidary Club, Soccer Sportsplex; 31515 Lorain Rd.; Sat. 10:00 am-5:00 pm, Sun. 10:00 am-5:00 pm; Admission \$6.00, Children under 12, and Scouts in uniform Free!; contact Martha Lamparyk, 1012 Chippewa Street, Grafton, OH 44044, (440) 926-3680; e-mail: jmlampa@gmail.com

May 29-31—Wauseon OH: Annual show; State Line Gem & Mineral Society, Fulton County Fairgrounds, Junior Fair Building; 8514 SR 108; Fri. 12:00 pm-7:00 pm, Sat. 10:00 am-7:00 pm, Sun. 11:00 am-4:00 pm; Adults \$3.00, Seniors \$2.00, Children under 12 free; contact Doris Brzezicki, 419 N Broad St, Adrian, MI 49221, (517) 263-1669; e-mail: rycharde@tc3net.com; Web site: statelinegms.com



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Junior's Corner: Cabbing and searching for slabs



The Gallery : faceting work by Elie Ghanime



Carlsonite: New Mineral Species Discovered in Northern Ohio

by Daniel Blake Reprinted with permission from Ohio Geological Survey.

February 18, 2015—Ohio is now the birthplace of one of the world's new mineral species. The new mineral, *carlsonite*, has been discovered by Dr. Anthony Kampf of the Natural History Museum of Los Angeles County and Dr. Peter Richards of Heidelberg University, who spent time investigating a shale fire along the Huron River in 2009.

"It is always exciting when a new mineral is discovered—one that has never been seen before anywhere," said Richards. "Carlsonite is the first new mineral to be described from a location in Ohio, other than two that were discovered in a meteorite that just happened to fall here."



Thin tablets of carlsonite $(\text{NH}_4)_5\text{Fe}^{3+}_3\text{O}(\text{SO}_4)_6 \cdot 7\text{H}_2\text{O}$ from a shale fire site along the West Branch Huron River near River Road, in Huron County, Ohio. Field of view is 2.0 mm. Anthony Kampf specimen and photo.

The mineral is named after the late Dr. Ernest Carlson (1933–2010), a Kent State University professor, for his outstanding contributions to mineralogy. Dr. Carlson passed away in November 2010 in Cleveland at the age of seventy-six. At the time of his death, he had completed and submitted a revision of his popular [Minerals of Ohio](#), originally published in 1991 by the Ohio Geological Survey, and was engaged in a study of the Huron River shale fire.

The shale fire occurred in a rock outcrop of the Late Devonian Huron Shale Member of the Ohio Shale along River Road, northeast of the town of Monroeville in Ridgefield Township, Huron County. At the time of inspection, geologists were uncertain of the cause. The current hypothesis suggests the fire started in September 2009 as the result of spontaneous combustion. The shale fire burned until March 2011 and created a variety of exotic mineral species, such as boussingaultite and lonecreekite, as well as the never-before-observed carlsonite.

"The natural shale fire in which [carlsonite] formed is a rare mineral-forming environment, especially in an otherwise tame geological state like Ohio," said Richards.

Carlsonite was produced by the condensation of gases in the oil-shale fire. It occurs in crystal form as thin to thick tablets up to about 0.5 mm but often much smaller. At this scale, the yellow to orange-brown crystals are best viewed through a high-powered microscope. As defined by Carlson, a mineral is a naturally formed solid substance generally having a definite chemical composition and specific physical properties. Carlsonite's physical properties include perfect cleavage, irregular fracture pattern, tan streak, and a glassy, transparent luster. Density could not be measured because the mineral is soluble in liquids used to measure density.

In addition to carlsonite, another new mineral species has been discovered from the Huron River shale fire site and has yet to be named pending further study.

The Ohio Geological Survey is grateful to Dr. Anthony Kampf and Dr. Peter Richards for their dedicated research in the field of mineralogy and contributions to the State of Ohio.

Further Reading

- [Larsen, Glenn, 2010, Survey inspects a rare Ohio geohazard: *Ohio Geology*, 2010, no. 1, p. 7. \[pdf\]](#)



Rocky Reader–March 2015

March 2015

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	
1 Metalcrafters 1:30pm	2	3 Extreme Beaders 9am	4 Gemcrafters 6:30-9pm	5 Gemcrafters 12pm	6	7 Metalcrafters Precious Metal Clay class
8 PMC class	9	10 Extreme Beaders 9am Faceteers 7pm	11 Gemcrafters 6:30-9pm	12 Gemcrafters 12pm Metalcrafters 6:30 pm	13	14
15 Metalcrafters 1:30pm Third Sunday Project	16 Beaders 6:30pm (weather permitting)	17 Extreme Beaders 9am	18 Meeting 7 pm Speaker:Dave Bruns	19 Gemcrafters 12pm	20	21 Basic Pendant
22 Juniors 1:30pm	23	24 Extreme Beaders 9am Faceteers 7pm	25 Gemcrafters 6:30-9pm	26 Gemcrafters 12pm Metalcrafters 6:30 pm	27	28

Group meetings and classes at the clubhouse are for members only. Our club meetings are at the TBG Crosby Conference center, 5403 Elmer Dr. Toledo and are open to the public on the third Wednesday of every month. To learn more about our club, visit us during our Open House held every May and November.




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