

Summit Gem October 2016

Summit Lapidary Club, 244 Chestnut Blvd., Cuyahoga Falls, Ohio 44221
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Board Members: Pres. – Andy Carey, V-President – David Frazier,
Treasurer – John Kerr, Secretary – Laurie McElroy, Trustees – Tom McLaughlin,
John Tryon, and Frank Mack, Newsletter Editor – Pat Powers 440-237-6170
SLCnewsletter@AOL.com or mail to 18270 Buccaneer, North Royalton, Ohio 44133

Mission Statement

To afford the opportunity to share interest in lapidary knowledge and working techniques



Monthly Meeting: Tuesday, October 4th at 7PM
At The Quirk Center
1201 Grant Street Cuyahoga Falls



Program: Dan (Gemboree Dealer - Recycled Gems)

Host: Evelyn Tryon

Dues: Joining fee \$25 then \$48 per year

President's Message – by Andy Carey

Good Day Everyone!

I would like to take a moment and thank everyone who has taught a class for the Lapidary Club. Without volunteers like you it would be impossible for this club to function. For everyone who has been on a committee, held an office, or helped clean the clubhouse, thank you. For anyone who has volunteered to help, whether as an officer of the club, the Newsletter Editor, or cleaning the restrooms, thank you! We are an organization dependent on volunteers in order to function.

The sign-up sheets to volunteer with the Fall Gemboree are ready for you at the clubhouse. They will also be at Quirk Cultural center for the next meeting. Thank you all in advance for doing your part to help our Club grow!

See you soon, Andy Carey

October Meeting Program – by David Frazier

Hey Everyone, for our October speaker, we have a familiar face making an appearance. We have Dan from *Recycled Gems* giving us a presentation of Indian Jewelry and some history behind it. No doubt he'll have a few interesting pieces as examples.

Summit Lapidary Club, September 6th 2016 General Meeting - Respectfully submitted by Laura McElroy, Secretary SLC

Andy Carey, presided.

Jenn Shernitt, hostess.

Visitors: Dave Macseoinin: Ron Maitland, Tyler Cikity, Darby Johnson, Robert Jackson, Debbie Shorter, Mark Shorter, Wendy Smale, Ariana Horten, and new member tonight Mary Myers.

Classes: Dave Macseoinin: 9/20 Loops, Loops, Loops Bracelets & Earrings with Laura Thomas. 10/16 Beginning Silversmithing with Dave Macseoinin.

Treasurer, John Kerr: Reported, 2017 Dues are due by the January General Meeting - \$44.

Newsletter: Bob Powers for Pat Powers, extra copies available for visitors. If you didn't get one, see Treasurer John Kerr to check your address. E-mail newsletters are sent with both Word & PDF attachments. If you want your news delivered e-mail send your e-mail address to Pat at SLCnewsletter@aol.com. Also, need good articles for the newsletter.

Sunshine: Mari Takai-Manley reported, Andy Carey's father is recovering well from a stroke. Sandy Shorter is hoping to be finished with chemo by Christmas. Dawn Carey had foot surgery and is getting around with a scooter. New member Lillian DeFrance is fighting hard against her stage 4 cancer and digging rocks is on her bucket list. While Gary was in Aruba someone burned down his business. Art Andrews, a long-time member, passed away this afternoon.

Library: Mari Takai-Manley, Bought 3 books at the Agate Expo! Big book with beautiful pictures, Agates, will be reference only- no taking out. Lake Superior Agates has diving pictures.

GeoJrs: Rob Rothschild: Great field trip to Flint Ridge with help from Andy Carey & Mike Knapp. This Sunday's meeting will be at Akron U, GeoScience Department. Speaker is a Paleontologist. In 2 months the Department Chairman will speak on careers & give a tour of the department. Later will be a professor teaching about volcanoes. Still need people to help with crafts & people who can share their knowledge & enthusiasm for rocks & minerals. Will be proposing to the SLC Executive Board adjusting craft fees to annual instead of monthly. Will be meeting on the 2nd Sunday of the month now instead of the first.

Gemboree: Bob Powers, Sign-up sheets are out, so choose your jobs for the Gemboree. Evelyn Tryon has posters & flyers available to please post everywhere you can. New publicity by Sandy Shorter, and Caitlin Pendolino. Need Silent Auction donations. Deb Salay is sending out the postcards. Check out "Gemboree" on Facebook!

Machine Maintenance: David Moore: All running. Time for annual cleaning of machines. Any problems - Call! Please DO NOT work on the machinery. Frank Mack has done a great job cleaning up the shed & building.

Property Maintenance: Frank Mack: No problems. Roof leak to be repaired.

Old Business:

Cab Contest, David Frazier: Deb Salay is collecting the entries. Please put them in a container that you cannot see through and give to Deb. All are to be Ohio flint. Mari Takai-Manley mentioned that there is a flat display case in Emidio's back room that could be used to display them at Gemboree.

Youth Poster Contest is over. Thanks to Tom & Rosemary McLaughlin for judging. David Rich now has the posters for his Federation meeting.

Artisan Craft Fair, Laura Thomas: November 19, 10am-4pm. Signup sheet going around just to see what the interest is; it is not a commitment. Would like to have at least 20 tables. Jewelry must be made by members, and you must be present the entire time. No early closing.

Evelyn & John Tryon received a thank you note from the Agate Expo Chief Executive Officer for volunteering at the expo.

Thank you all around to everyone who helped put together the Agate Expo trip. Thank you Mari Takai-Manley, Dawn Carey, Rosemary McLaughlin, Dave & Maryann Rich, & Evelyn Greene.

We need some ideas for our next trip!

Rob Rothschild suggested Penn-Dixie, an old quarry near Buffalo, NY, about 3 hours away. Devonian fossils. May make a Geo-Jrs day trip there.

New Members Dinner, JoAnn Harrison & Evelyn Tryon: November 16, 6:30pm at the club. Need members & past presidents to speak. Need a committee!

New Business:

JoAnn Harrison, Trips: Herkimer NY may have new mines open to us. William Holland classes & Mason's Mountain in NC, Arkansas diamond mine.

President Andy Carey took a vote of whether it is worth \$75/month for Wi-Fi at the club. Comments that they use it for classes. Majority voted to keep it.

Computer purchase committee goal to have new club computer by the end of the year.

Dave Macseoinin, Silversmithing: Next October there will be a competition. Parameters coming. Would like for someone to have a wire wrapping contest, too.

Motion to adjourn by Joe Spohn, Jenn Shernitt 2nd.

Classes and Events for October – (more details regarding classes and events posted at the clubhouse)

- October 1st Silent Auction Donations and Bid Slips
- October 2nd Metalsmithing
- October 4th Gemboree Readiness Meeting 6 PM (prior to general meeting), Cab Contest
Deadline (turn item in to Deb Salay)
- October 15th Rock bagging for Gem Mine
- October 16th Beginning Silver
- October 21st Gemboree Set-up
- October 22nd Gemboree
- October 23rd Gemboree & Gemboree Teardown
- October 25th Board Meeting

Gemboree News – by Bob Powers

Preparations for the upcoming Gemboree are nearing completion. There will be a Readiness Meeting at 6 PM at the Quirk Center, prior to the Summit Lapidary Club meeting. Area leads are requested to come

and report on the status of their areas. We will also review possible revisions to dealer fees and admissions price changes for 2017.

2016 Cabochon Contest - by Dave Frazier

This year, our cabochon contest will feature Ohio flint. **The deadline to turn in your cabs will be the first meeting in October 10-4-2016.** To encourage more participation, the more entries that are entered, the bigger the prizes. Only one cabochon can be entered per lapidary club member.

1-15 entries	1st prize 25\$		
16-30 entries	1st prize 50\$	2nd prize 25\$	
31-plus	1st prize 100\$	2nd prize 50\$	3rd prize 20\$ gift card

Flint is a long standing staple of our club, and since everyone has access to it, all cabochons are to be fashioned from Ohio Flint.

1. Cabochons are to be traditional shapes, no freeforms.
2. Traditional cabochons must have domed tops and must have at least one plane of symmetry. A plane of symmetry exists when a straight line passed through the middle of the cabochon gives two equal halves in shape and size. Traditional examples are: heart, cross, star, square, rectangle, diamond, teardrop, pear, circle, oval and kite.
3. All work is to be done by hand. NO tumbling or auto equipment can be used.

Cabochons will be graded by a combined 5 scores:

1. Evenness and symmetry of the outline shape. 25%
2. Dome shape, curve, and evenness. 20%
3. A level girdle. 20%
4. Polish- a smooth polish is a must. 25%
5. Design- (How well the pattern fits the shape) 10%

Pits, and cracks in material will count against the final score. No drizzly pockets allowed either. Judging will be done by David Frazier and Mike Ball.

Entries can start being turned over in September. This will be done in an anonymous ticket method. You will be given the matching ticket that is assigned to your cab. Do not show your cabs to the judges prior to the contest or disclose your cabs identity until after the judging. Turn in finished stones to Deb Salay

All cabochons will be displayed at the Fall Gemboree and winning cabs will be displayed at the Club until April for bragging rights of winners. Good Luck!

New Member Dinner November 16th – by Andy Carey

Attention! All new Members, on Wednesday November 16th at 6:30pm we will be having our New Member Dinner. This is a chance for you to learn more about your club and the opportunity afforded you by being a member. A great time to meet other new Members and to ask any questions for which you might want answered. Invitations will be forthcoming. Please save the date and join us for all the fun!

ARTISAN CRAFT SHOW Saturday November 19th 10am – 4pm Quirk Cultural Center – by Laura Thomas

The Summit Lapidary Club is hosting its annual Fall Artisan Craft Show at the Quirk Center. Known around the clubhouse as the “Members Only Show”, this event was begun as a venue for our members to show and sell their

work. Fellow Summit Lapidary Members are the only vendors permitted at the show. The show is scheduled during the traditional Craft/Christmas show "Season", is open and advertised to the public. We have been having a good turn-out at the November event. Whether you are a seasoned seller/vendor or a newbie, all SLC members are welcome to participate. Only Hand-Crafted (by You) items are to be sold, no Resale or commercially produced items are permitted. Table rental is \$10, half table, \$5. We have (21) tables available. Sign-up sheets are at the clubhouse.

We also now offer concessions for sale at our "Rockhound Café" Members bring homemade soups and baked goods, we sell along with coffee, soda, hot dogs. We could use some volunteers to work the Café – dishing out treats and drinks. Also, we sell Door Prize raffle tickets, both of these activities are turning out to be a great fundraiser for the club. If you can come out on November 19th for a couple hours to work, and/or can volunteer to bake, we would certainly be appreciative of the help! We will have a sign- up sheet at the clubhouse for volunteers. Please come out, it's a fun day out with your fellow members.

What Is A Dichroscope And How Is It Used? - by Jeff Graham

<https://www.gemsociety.org/article/just-ask-jeff-what-is-a-dichroscope-and-how-do-i-use-one/>



A pleochroic gemstone displays different colors when viewed along different directions of the crystal. A dichroscope is a handheld tool for viewing the different colors or shades of a pleochroic piece of rough. This makes it an essential part of any gemologist's or gem cutter's toolkit. It has three main uses:

- Helping with gemstone identification. Determining whether or not a specimen is pleochroic can help make some quick separations.
- Showing the true colors of a pleochroic gem along each axis. A gem cutter can see the different colors and then visualize what they will look like on the finished stone.
- Orienting a gemstone before cutting. A gem cutter can identify the gemstone's strongest color and cut accordingly for the best result.

Where Can You Get A Dichroscope?

Dichroscopes are inexpensive tools readily available online. There are two types: those that show a split image of the gem you're viewing through polarizing filters, and those that show the image through a piece of optical grade calcite. Either type works well when viewing gemstones

Using a Dichroscope To Identify Gemstones

Pleochroic gems can be dichroic (showing two colors) or trichroic (showing three colors), depending in part on their crystal systems. Non-pleochroic gems, of course, show only one color. Some rough gemstones look alike despite these differences. A quick dichroscope examination may be able to distinguish these. For example, tourmaline and garnet rough may overlap in color. However, tourmalines are dichroic. Garnets are not. (Color change garnet can show an anomaly sometimes but are rare). So, you can tell the difference between a piece of tourmaline and garnet by looking for the one that has dichroism.

Using A Dichroscope To Visualize Gemstone Colors Before Cutting

In my experience, faceters have tended to overlook the dichroscope. However, it's an ideal tool for getting an idea of how the colors will look on a finished pleochroic gem. For example, have you ever been unsure how to cut a piece of tourmaline rough? A dark or different colored "c" axis? The dichroscope can help you decide. It's a great learning tool for inexperienced gem cutters.

Hopefully, the rough will allow this cut. Keep in mind that other factors, like design shape and type, will influence the result. Nevertheless, in general this will give you a good idea of how the axis colors will mix. Look at them and imagine what color they would combine to create.

Using A Dichroscope To Orient A Gemstone

By looking through the scope and turning a piece of rough, you can identify the axis that shows the strongest color (or the color you prefer) and orient the stone to achieve it. For example, if the colors of a tourmaline were shown to be olive green and brown, you could be pretty sure that the color of the finished stone would be a muddy green. You would need to consider cutting a design that would minimize the poor color "c" axis, like my "Smithsonian Bar," which has very steep ends to help keep the "c" axis from mixing and darkening the finished gem.

A dichroscope is very helpful when orienting sapphire gemstones. The light should be coming from over your shoulder in these cases. When you see the best color up, that is the direction that you will generally want to show through the table of the finished stone.

Common Gemstones And Dichroism

Andalusite – Yes (trichroic)
 Apatite – Yes, weak
 Beryl – Yes, but usually weak
 Chrysoberyl – Yes, but usually weak
 Danburite – Yes, weak
 Diopside – Yes, weak
 Garnet – No
 Opal – No
 Orthoclase – No
 Peridot – Yes, but very weak

Quartz – No
 Sapphire – Yes
 Scapolite – Yes
 Spinel – No
 Spinel – No
 Sphene – Yes
 Spodumene – Yes (kunzite, hiddenite...)
 Tanzanite – Yes
 Tourmaline – Yes
 Topaz – Yes
 Zircon – Yes

Sunshine News – by Mari Takai-Manley

- Debbie Salay is having a problem with her back. She met her medical doctor who advised her to rehabilitative physical therapy to strengthen her back muscles. She may need a back surgery in the future. She is working hard with the physical therapy and feeling better about her condition. We hope she get stronger. Good luck!
- Merry Anne McLeod-Wolf is scheduled to have a cancer surgery at the end of Sept. We have not heard any news of it yet. We hope things are going well for her.
- Dawn Carey is getting better after her foot surgery. Her husband, Andy, told us that she was hobbling. Good for her! She is making a recovery progress. We wish her continuous speedy recovery.
- Armond Dionne passed away on Sept 20th at the age of 82. Although, they have not come around to our club house in recent years, they have kept up with membership payments all these years. And his wife Jackie, I still remember, spent all of Saturday and Sunday during Gemboree in the prep room for the silent auction with Evelyn Green. We send our deepest sympathy to Jackie and all of her family members.

Just a Quick Note... – by Pat Powers

- Jing Wang is handling member name tags. If anybody wants a name tag before the Fall Gemboree, please see her at Tuesday's general meeting. There are 2 kinds, one magnetic \$6.00 add 50 cents for logo, and one with a pin \$5.00 add 50 cents for logo. Payment is due meeting night. Thank-you, Jing Wang.
- JoAnn Harrison, Gemboree Hostess, reports that we lost our outlets last Gemboree with the Emidio's bathroom remodel. We do not have the power nor the outlets needed for crock pots. Finger foods are now required (i.e. wraps, veggie, fruit trays etc.). Thank you to all past crocks and soups they will be missed.

Nothing more to add ... see you next month!