

Summit Gem Newsletter February 2011

Summit Lapidary Club, 244 Chestnut Blvd., Cuyahoga Falls, Ohio 44221

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Board Members: Pres.-David Rich, V.Pres.-John Kerr, Treasurer-Tom McLaughlin,
Secretary- Merry Anne McLeod-Wolfe, Trustees-Frank Mack, Bob Spore, Bob Powers,
John Tryon

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Mission Statement

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

Meeting: Tuesday, February 1st at 7:00PM

**Program: The Origin of Color in Minerals with
LaVerne M. Friberg, Ph.D.**

Hosts: Jen, Jo, Michelle, & Aunt Gracie

Membership: 130 members

Dues: Joining fee \$25 then \$4 per month

President's Message - by David Rich

The holidays are over and the snow seems to be piling up. At 244 Chestnut there is a beaten down path to the club house. SLC continues to be a busy organization in the spite of old man winter. The snow birds are checking their flights, whining about gas prices, packing their bags and "getting out of Dodge".

I would like to welcome our new members. I hope that you are eager to become involved in the meetings and activities coming up. We have a very good speaker this month and there are classes scheduled for February.

I would like to welcome our new VP, John Kerr. He has promised to work on getting interesting speakers for our monthly meetings. If by chance you know of any interesting speakers inform John; he would like to hear your suggestions.

I would also like to welcome our new club Secretary, Merry Wolfe. The Secretary job is a very important position in the club. Thank you Merry for stepping up and helping out!

SLC is busy even in the dead of Winter ...

- We are collecting and making jewelry again this year for the Victim Assistance Program; see Mari about this if you would like to participate.
- Our Gem Tree committee with John and Evelyn has started. SLC donates to the Christmas Tree Festival for The Children's Hospital.
- Frank is reading the latest flower information from Stokes Seeds for the Adopt-a-Spot Garden.
- Evelyn and John have the Future Rockhounds of America, our own Geo-Juniors, on a roll. I am sure they could use some help. Let us all bring the world of rocks to the young. After all, YOU, members of SLC, sponsor the Geo Juniors.

- Bob Franks has taken on the daunting job of machine maintenance. Thank-you, Bob!
- Joleene volunteered to take care of the member's name tag badge and T-shirts for the club. Thank-you, Joleene!

This year SLC is going to rock out with some fantastic opportunities for everyone to enjoy and to get involved with. The MWF Fall convention is nearby this year taking place in Toledo, Ohio. Our club belongs locally to the Mid-West Federation (MWF). The American Federation of Mineralogical Society (AFMS) is also having their national convention nearby in Syracuse, New York in July. The AFMS serves the 7 regional federations which includes the MWF making our club a member too! Hopefully, our club will participate with these two up-coming conventions.

C-Ya on down the trail, *Top Rock*

January 4th Meeting Minutes - Respectfully submitted by Merry Anne McLeod-Wolfe

The second half of the meeting was called to order by new President Dave Rich following election of officers by outgoing President Ted Maringer.

The club welcomed the new officers: President Dave Rich, Vice-President John.....

and Secretary Merry Anne McLeod-Wolfe. Tom McLaughlin continues in the

Treasurers position. Tom will be leaving for Florida for 6 months and Laura will take over his duties for that time. Thanks, Laura.

New Members The club welcomed John Hite, a previous member back, Kimberly Sorbro and Gary Summerman as new members.

Guests The club also welcomed Wesley Newport, Ron and Susan Hutchison as guests.

Sunshine Mari told us that Bob Flick is still suffering from back pain and his wife is still in the hospital after back surgery. Some one mentioned that she is in St. Thomas. Cards were sent around to be signed and sent.

Library Mari reported a new DVD Cuyahoga Valley in Concert, a very special new book in memory of Russ Green, on Sphere making. The book Sphere Makers Craft is the only book available for the craft and is signed by the author. Also three more DVDs and one book on minerals were donated. Mari also requested \$150.00 for the library fund.

Newsletter Club members were asked to make sure Tom McLaughlin has addresses so everyone will get a Newsletter.

Classes Dave Macseoinin reported on new classes as follows:

Beginning Silver...Jan. 8th

Chainmaille..Shaggy Loop Earrings...Jan. 11th

Chainmaille...Greek Spiral Bracelet...Feb. 8th

Wax Sculpting...Feb. 13th

Beginning Faceting...March 26th & 27th

Casting...April 15th & 16th

Please see the Bulletin board for times and teachers.

Winter Competition Dave read the rules for the competition and hopes to see lots of entries.

Maintenance Bob Franks reported that the table is welded and installed. He will be putting the chain on next and the machine should be ready to use soon.

He will be working on the tumbler next. \$93.62 & \$35.00 are the repair costs so far. Machines 6 & 3 were reported to be still working.

Property Maintenance Person President Dave reported that the club still needs a maintenance person to check fire extinguishers, first aid, doors, siding, roofing, etc.,etc. A committee will be formed to repair those thing reported. John Litten bravely volunteered. Thanks, John.

Safety Dave reminds everyone to wear safety glasses and BE SAFE! He also reported that we need a volunteer for the Safety position.

Key Policy President Dave asked for a new person to take over the Key position and Bob Franks volunteered. Thanks, Bob.

New Members Be sure to get a copy of the club rules if you have not already done so.

Host & Hostess New lists for this year are posted on bulletin board. Please sign up for hosting the snacks

at a meeting.

Event Committee Evelyn reports that the committee needs volunteers. Vice President John is program chairperson. This is for picnic, Xmas party and new member orientation.

Gem Cases A big thanks from Ted to Bob Powers for doing the gem cases. Great job, Bob.

Name Tags President Dave reports that new members need name tags. Joleene volunteered to come up with a creative design for the tags.

T-Shirt committee Mari asks what happened to our t-shirt committee? Joleene volunteered Thank you!

Archaeology Club Skeeter reported that the A. Club also meets in our building on the second Thursday of every month except Jan. There was discussion of getting a key to a second member. This was approved.

Akron Mineral Society Meeting on Jan. 8th. There will be a talk on dangerous minerals Everyone is invited.

Equipment Drake reported the acetylene tank needs refilled. Drake volunteered to do so. Thanks, Drake.

Geo Juniors Dave M. Reports that their meeting is Sunday Jan.9th at 1:00 pm.

Old business Mari reported that the Victim Assistance Program to which we have donated to frequently in the past, sent a tape expressing their thanks.

Jim Perkins, an old Wadsworth boy and world class master faceter has his personal design on the Tuscon Show book. Jim designed a special facet, the Summit Design, for our club and it can be seen in the case.

With no further business to discuss, a motion to adjourn was made by Frank Matthews and enthusiastically seconded by many club members.

February's Meeting Program - LaVerne M. Friberg, Ph.D. from the University of Akron, Geology and Environmental Science will speak on The Origin of Color in Minerals. His academic specialty is Igneous and Metamorphic Petrology, and Mineralogy.

Victim Assistance Project Fundraiser Program - by Mari Takai-Manley

Our club has participated in this local fund-raising program in the past, by donating jewelry for the Victim Assistance Program Silent Auction Fundraiser. Our connection to this project is Tom and Rosemary McLaughlin, their daughter is one of the board members for the Program. To help explain the Victim Assistance Program please view the DVD the club acquired titled, "Victim Assistance from Crime Scene to Recovery".

The Victim Assistance Fundraiser is an annual event held the beginning of March. Donated items are due by mid-February. I have a few samples prepared for the project. Everybody is welcome to help make jewelry for the event, or to offer your own unique jewelry for it.

A few club members and myself have been working on 2 beaded necklaces designs: (1-right-angled weave with hearts and cubes, and 2-braided) to be donated to the Victim Assistance Silent Auction Table. We will be beading these projects on 01/29 Saturday (9:00 AM to Noon), 02/05 Saturday (9:00AM to Noon), 02/08 Tuesday (6:00PM-9:00PM) and 02/12 Saturday (9:00AM-Noon). A Big Thank You for all your help and contribution to the project. Thank you in advance for your generosity, Mari

Summit Lapidary Club's Key Policy May 2009 - by Ted Maringer

No club member, by virtue of membership alone, has an entitlement to a clubhouse key. In order for the Summit Lapidary Club, Inc. to maintain a safe and secure clubhouse for its members, the issuance of keys are subject to the following rules effective May1, 2009. All keys to the Summit Lapidary Clubhouse remain the property of the Summit Lapidary Club, Inc. at all times. Any new club member desiring a clubhouse key must first meet the following standards:

The member must be properly trained and certified on the use of the lapidary equipment regardless of prior understanding before joining the club.

The member is required to work a minimum of four hours at a club Gemboree.

When the member has completed the aforementioned requirements they must submit a written request to the Executive Board for consideration. Key requests will be addressed at the next scheduled Executive Board Meeting. Requests for a key will not be considered at a general meeting of the membership. A decision on the request will be made within thirty days from the date it is presented to the Executive Board. Keys may be issued or denied to a member, at the sole discretion of the Executive Board. A member denied a key may renew a request thirty days after denial.

The Executive Board may ask for the return of a key at any time. Failure to return a key immediately upon request will result in expulsion from the club. The Executive Board may change the locks of the clubhouse and issue new keys, at any time they deem necessary.

Gemboree Report - by Ted Maringer

This year the Spring Gemboree is on Easter weekend so we're planning activities and increasing our marketing and advertisement in an effort to encourage families to attend on Easter Sunday. The Easter Bunny will be making an appearance both days and we'll be having an Easter Egg Hunt. Finally, for our gem tree enthusiasts, we will be having an "Easter Egg Gem Tree" contest. The winner will be determined by a "People's Choice Award." If anyone has other ideas to help make the Spring Gemboree please let us know.

As announced at the past couple meetings we are in need of Position Chairmen to fill various open positions. Each chairman is responsible for set-up and teardown of their area and to make sure the assigned volunteers are there to cover their shift. If you are willing to fill one of these positions, please contact me directly for more details: Gem Mine, Show Cases, Children's Area, Mailing List Database, Silent Auction Cashier

Ted Maringer, Show Chairman

ON THE ROCKS: THE SCIENCE OF ICE - by Heath Shive a member of Fort Wayne 's Three Rivers Gem and Mineral Society (Indiana). Email SLC this article

As many states still lie entrenched in winter's gloom, it might help to "know thine enemy." First...

- (1) Ice and snow are technically minerals, just like quartz. They fit the official geological definition. And just like other minerals...
- (2) Ice and snow come in a variety of colors, depending on the impurities. Volcanic particulates of the Tambora Eruption of 1815 produced blue, brown and red snows in Maryland; and red and yellow snow in Taranto, Italy. In 2010, the Stavropol region of southern Russia experienced a light purple snow, attributed to Saharan dust. There has even been...
- (3) Pink snow! Pink snow is regularly found in the Sierra Nevadas and is called "Watermelon Snow" due to its pink color. It even smells like watermelon (though you shouldn't eat it)! The color is the result of *Chlamydomonas nivalis*, a species of cold-loving green algae that has a secondary red carotenoid pigment (astaxanthin). But the true color of pure ice and snow is...
- (4) Blue! Pure ice is blue, for the same reason the sky and oceans are blue. Water absorbs more light from the red spectrum and reflects more blue. However, snow looks white because trapped air reflect back all light. If an ice cube doesn't look blue, it's because large quantities are required to make the effect obvious...and beautiful. But you don't want too much ice or otherwise we could have another...
- (5) Ice Age! Starting about 2.5 million years ago (the Pleistocene Epoch) glaciers grew rapidly and spread across the world. At their peak, glaciers covered as much as 30% of Earth's current land area. Summer temperatures were 10°C (18°F) colder than present. Sea levels dropped by more than 90 meters (250 feet), resulting in an extra eighteen percent increase in dry land, in turn creating land bridges across the Bering Strait, the English Channel, and Indonesia. The last Ice Age ended 15 thousand years ago, and the Pleistocene Epoch ended almost 12 thousand years

ago. But to this day, no one is really sure...

- (6) Why the Ice Age began in the first place! Theories abound. The foremost theory involves the Milankovitch cycles, a term for how the Earth's "wobble" (precession), axial tilt (obliquity), and planetary orbit (eccentricity) all vary with a regular cycle of every 20 thousand, 40 thousand and 100 thousand years respectively. Those variations affect how the Earth is exposed to the Sun's heat and radiation, and could chill the planet. However Milankovitch cycles have operated since the Earth was turning. But the Ice Age was a geologically recent event, only in the last couple million years. For the majority of Earth's history, the planet has been considerably warmer. What else could have cooled the planet? Did the erosion of the newborn Himalayas absorb and remove vast quantities of carbon dioxide, an important greenhouse gas? Did the connection of the North and South American continents provide the catalyst? When the two continents joined, the Gulf Stream now carried much warmer and wetter waters farther north. This would increase precipitation (snow), and so increase glacier growth. Other scientists say that continental drift plays a factor, as Ice Ages don't really occur until there were large ice caps on the North and South Poles (which only occur when large landmasses are near the Poles to serve as climatic "anchors"). No one is certain how the Ice Ages were born, or if they'll return again.

In a way, it's much like our winters today. They come. They go. But humans have tackled winters (and worse) and we still survive. We have fought every crisis that Mother Nature brings to us. And we have what it takes to continue...or move to Florida.

Sources

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Sunshine News - by Mari Takai-Manley

- Dorothea Flick is back home from St. Thomas Hospital. She completed her rehabilitation program after having her back surgery. She feels that her recovery is slow, and she is still in a lot of pain but she is definitely feeling better. We hope she takes it easy and can focus on her recovery. Get well!
- Bob Flick is feeling a little better about his back problem. He completed having Demerol injections for pain. He is driving his wife to her doctor since she cannot drive for quite a while after her surgery. We hope that he takes good care of himself as well as his wife.
- Art ("Doc") Dumke is also suffering from back pain, and is under his doctor's care. We hope he is with a good medical treatment plan. We wish him well.

Bobversations - by Robt. Spore

BANG!!!

As I mentioned in my last article, I'd been doing some cabbing at the clubhouse a few weeks ago. It'd been a long time since I'd cut any cabs... and it sort of showed.

But, I only had one stone come off the dop.

Three times.

But that's because I'd forgotten the cardinal rule of good dopping technique; *You won't have a good dop if you don't burn your fingers.*

So I made sure I burned my fingers quite thoroughly and after that – I had no problems. Sure, I had trouble holding the stick without shrieking in pain, but an artist must suffer. Right?

After that, everything proceeded smoothly until I came to the sanding phase.

I hadn't bought sanding belts in at least 15 years and some of the belts were even older than that. So they weren't very aggressive, if you know what I mean.

But I was sanding merrily away with my 220 when **BANG!!!** The belt broke.

That's the first time a belt's broken on me and it was an exciting experience. When those things go, there's nothing subtle about it.

But it was okay. I had another 220 belt. I put it on the drum and continued sanding and **BANG!!!** The belt broke.

Okay. Stay calm. Let your pulse rate get down below 200.

Well, maybe that's enough of the 220. I'll go ahead and switch to the 400. I felt this was a logical decision, mainly because I didn't happen to HAVE another 220.

I slid the 400 onto the drum and began sanding and after just a few seconds, **BANG!!!** The belt broke.

Oh, gentle readers... the words that issued from my mouth at that time would have made a longshoreman rush to take notes. I believe I actually created several new curse words.

After I had calmed down a bit, I realized that my work was done for the day because all I had left was one worn 600 belt and why tempt fate, eh?

All I could think of while I was packing up my stuff was, they should really put a "*Best if used by*" date on those things.

Just a Quick Note From Me... - by Pat Powers

Welcome aboard to our new club officers. Let's have a busy and active year for SLC! Nothing more to add, bye and see you next month!

February's Midwest Calendar of Events

26-27: ROSEVILLE, MN, Pre-Spring Show, Anoka County Gem & Mineral Club, Har Mar Mall, 2100 Snelling, Sat 10:00-6:00, Sun 10:00-5:00, Contact Martha Miss, 8445 Grange Blvd, Cottage Grove, MN, 55016, (651) 459-0343, rockbiz8@cs.com