



ROCK PICKENS



ST. LAWRENCE COUNTY ROCK & MINERAL CLUB Date: September, 2023

Our next scheduled mineral club meeting is at the Canton Library, Wednesday, October 4h, 5:30 PM. We are having our celebration pizza dinner party. Please RSVP by Monday Oct. 2nd if you are going to attend, as we need a count to know how many pizzas to purchase. Also please let us know your pizza topping choice. 315-287-2560 or wdellie@gmail.com

Please bring your own drinks. Club is providing plates, silverware and napkins.

www.stlawrencecountymineralclub.org

Upcoming Gem, Mineral, Fossil and Jewelry Shows

November 2023 TBD Finger Lakes Holiday Gem, Mineral and Fossil Show
Canandaigua American Legion, 454 N. Main St, Canandaigua, New York 14424

November 2023 Gem Street USA - Buffalo Show; TBD; Hamburg, New York. The Fairgrounds at Hamburg (Grange Building), 5600 McKinley Parkway, Hamburg, New York 14075

February 2024 TBD Winter Crystal Fest Gem Show; USW Local 1000 Union Hall, 100 Nasser Civic Center Plaza, Corning, New York 14830-2856

President: William deLorraine
Vice President: Scott Sutherland
Secretary: Joanna deLorraine
Treasurer: Paisley Kodama
Field Trip Coordinators: Gary Garlough & Noah King
Webmaster: Glen Simonelli

Effective January 01, 2023 – December 31, 2023

Rock On!



Possible Field Trips for 2023

Hall Farm, North Gouverneur TBA
Benson Mines TBA
Tahawas TBA

(Will be decided upon at our October Meeting)



**** Club Dues ****

Dues are only **\$15.00** for a Single Membership and **\$25.00** for Family Memberships (per household @ the same mailing address) and run through December 31st, 2024

Make checks payable to: **St. Lawrence Rock and Mineral Club** and mail them to:

William deLorraine; President
St. Lawrence Rock and Mineral Club
1 Indian Head Trail
Gouverneur, NY 13642-3438



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there has photos of their own that they can share with me, I would surely appreciate it.

Notes From the President

This past Thursday I had the opportunity to present a talk to the St. Lawrence County Historical Association re: the Mines and Minerals of St. Lawrence County. It was a wonderful place to go visit and I urge members to spend some time there as well to see some of the wonderful exhibits that fellow club member Carlene Berman has worked so hard to set up. Below is one of the really interesting upcoming programs that you can sign up for.



(From Diamond Dan Publications)

St. Lawrence County Historical Association
 SLCHA • 3 E. MAIN ST., CANTON • 315-386-8133
presents
Rossie Historic Walking Tour



Tour the historic ruins of Rossie's Factories & Industrial Sites
with John Austin on Sunday, October 8 2:00 p.m.

\$5.00 per person • SLCHA Members Free
Registration required:
 call 315-386-8133 | email Carlene@slcha.org
 • Good walking shoes recommended
 Gather and begin in Rossie • Approx. 1 mile total

Tour Highlights include:

- Ruins of the Grist Mill (1825)
- David Parish's Land Office (ca 1812)
- Victoria Lead Mine Stack (ca 1830s)
- Lead Smelter Site on River (1838)



John Austin is a historian, researcher, and writer living in De Kalb, NY, who taught middle and high school students for over 30 years. John's first book, *St. Lawrence County in the War of 1812: Folly and Mischief*, published in 2013, can be purchased at the SLCHA gift shop or online.

Wednesday's meeting is our pizza party! If you are planning to attend, please let us know so that we can plan for the appropriate order and it would be helpful as well if we know what kind you prefer, pepperoni, veggie, sausage, etc. We included in the newsletter some photographs of this year's show for you to enjoy. If anyone out

Mineral of the Month: Fluorite Color(s): Colorless, yellow, blue, green, red, purple, pink, multi-colors. Luster: Vitreous Cleavage: Perfect Octahedral Hardness: 4 Specific Gravity: 3.18 Streak: White Crystal System: Isometric (Cubic)

Special Properties Some fluorite specimens glow in the dark after being in the sunlight for a while. This is a property called "phosphorescence." Some fluorite glows in bright, fluorescent colors when placed under ultraviolet light. Fluorite contains an element we use every day on our teeth.

Fluorite is a fascinating mineral that naturally forms in all colors of the rainbow. One of the most interesting and characteristic properties of this mineral is fluorescence. The phenomenon is so common in fluorite that when the word was created in 1852 by George Gabriel Stokes, he named it after the stone. Fluorescence and the similar optical effect of phosphorescence both describe when a stone glows under ultraviolet light. The difference between the two is that when the light is removed, fluorescent stones will almost immediately stop glowing, but phosphorescent stones continue to glow, and fade over minutes to even hours! Not all specimens of fluorite fluoresce, but like all minerals, they share many other properties.



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Fluorite is a fairly soft material, at a 4 on the Mohs hardness scale. Fluorites' color varies greatly.

Pure fluorite is clear, but this is rare. Most widely available fluorite specimens are green or purple, and many have bands of the two colors. However, many other colors, such as some striking teals I personally love, can be found. Fluorite specimens also can come with some great inclusions, or other minerals present within the stone. Some are super sparkly, like mica or pyrite.

Fluorite forms in many interesting shapes and patterns. Most commonly, fluorite forms in cubes or octahedra, which are eight-sided, diamond-shaped crystals. When a lot of these shapes grow on or near each other, fluorite can make some gorgeous formations. It can exhibit interesting effects as well.

One of these is called "QR code" fluorite. This is when pigmentation is darkest on the outer faces of the fluorite, and it makes cubical, squiggly lines across the specimen that resembles a QR code.

Another interesting type of fluorite is "sugar" fluorite. "Sugar" fluorite is when miniscule quartz crystals grow all over the surface of a fluorite specimen, making it look like a sugar-coated candy!

This type of fluorite is very popular for the sparkly effect it exhibits as a result of the tiny crystals on its surface.

Notes & Minutes from the August 30th Meeting:

11 members attended the meeting. The meeting came to order at 5:44 PM. We took in signs returned from pre-show deployments, checking them off as they came in. We went around the room with introductions. Bill recapped highlights of the show for the group. We passed around the profit/ loss statement for the show. Bill noted we spent extra monies on Watertown Daily Times, \$350.00 for a "Summer

Fun" edition ad and \$90.75 for a classified ad, which was small and buried in the classifieds, hard to find. We may not do these next year. Bob noted that over 100 shared the post for our show on Facebook; 400 liked. Joanna noted that we printed all ads that were distributed on our home printer as we did last year. We put up many ads in all Kinney Drugs, Gouv. and Canton. We also hung our club's ads in the Stewarts shops in Gouv. and Canton, plus the Silver Leaf Diner, and Tripp's Diner in Fowler. Barb mentioned that she put up ads in Colton and at the public library there. Joanna also mentioned that every town nearby has a Stewarts and most have Kinney Drugs and they all have poster boards that are available to post on. New member, Dave Kingston, spoke of how he was captured by gold as well as meteorites. He said he loved rocks since he was 8 or 10 years old. He said his grandson loves meteorites. We talked about giving presentations at schools in science classes on minerals. Bob noted we had a past club member who was a science teacher residing in Parishville and he actually took classes on "field trip collecting."

Bill noted that we received many good comments on the show from people as they departed the show venue; "Nice show". He said he watched peoples' eyes as they came in and marveled at some of their facial expressions when they looked through the arena windows and saw all the vendors, activity, lights, and people therein. You could just see them mouthing "Wow!"

This was just a short meeting intended to recapture the signs and go over the shows' profit statement. Next meeting will be Wednesday, Oct. 4, at 5:30 in the Canton Library Basement. (Pizza!)



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Show Floor 1



Front of Pavilion; "Quartz from Brazil"



Show Floor 2



"Min. ID": Dr. Chiarenzelli, Dr. Rygel, Dr. Carl



Show Floor 3



A Mighty Full Parking Lot 2023!