

ROCK PICKKENS

ST. LAWRENCE COUNTY ROCK & MINERAL CLUB

Date: April 2014

April 2014

The April meeting will be held on Wed, April 2nd at the Canton library, 6:00, pot luck dinner, before meeting. Bring a dish to pass and table service.

President: William deLorraine

Vice President: Scott Sutherland

Secretary: Joanna deLorraine

Treasurer: Chris Sutherland

Field Trip Coordinator:

Jerry Curcio

Newsletter Editor: Bill deLorraine

Webmaster: Glenn Simonelli

2014 Membership Dues from August 2013 to August 2014

Please make sure we have your current e-mail address

We strive to send all newsletters by e-mail

315-287-4652 or wdellie@gmail.com

Please mail dues to: Chris Sutherland; Treasurer, 287 Cty. Rd. 29, Canton, NY 13617

Single Membership: \$10.00.

Family Membership: (Family members under the same roof at the same mailing address): \$20.00

THE CLUB'S WEBSITE:

www.stLawrencecountymineralclub.org

Happy Easter!



Upcoming Shows 2014

April:

5-6—FREEPORT, NEW YORK: Show and sale; Kaleidoscope Gem Shows; Freeport Recreation Center; 130 E. Merrick Rd.; Sat. 10-5, Sun. 10-5; adults \$5.50, children (12 and under) free; dealers, minerals, gems, jewelry, fossils, beads, goldsmith and silversmith; contact Ralph Gose, PO Box 1418, Melville, NY 11747, (631) 271-8411; email:Ralph_gose@kaleidoscopegemshows.com; Web site: www.kaleidoscopegemshows.com

5-6—JOHNSON CITY, NEW YORK: Annual show; New York Southern Tier Geology Club; Johnson City Senior Citizens Center; 30 Brocton St.; Sat. 9-5, Sun. 10-4; adults \$3, children (under 12) free; club exhibits, silent auctions, dealers, minerals, fossils, gems, jewelry, beads; contact Al Conklin, 187 Forest Hill Rd., Appalachian, NY 13732, (607) 625-4140; e-mail: allanconklin@aol.com

11-13 -- NY-NJ Mineral and Fossil Show: www.NY-NJgemshow.com

24-27 - 41st **Rochester Mineralogical Symposium**; Radisson Hotel, Rochester Airport at 175 Jefferson Road, **Rochester**, NY 14623

Available now: "Collector's Guide to the Minerals of New York State" by Drs. [Steven Chamberlain](#) and [George Robinson](#).

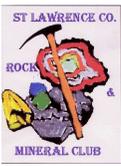
Minutes from the Last Meeting.

03/05/2014

We had six members in attendance. The meeting started at 6:30. No treasure's report was submitted at this meeting. Joanna read the minutes from the February meeting. Bob made note that the Potsdam State Geology Fair is April 28th. There was a recap of the Albany show. Even though the flower show was not held in conjunction with the mineral show this year the dealers still said they did just as well.

Jerry Curcio, Field Trip Coordinator, spoke about the Herkimer "Guaranteed Pocket" trip. Mike Whitton volunteered to help out with this. Jerry will look into setting a date, guidelines and rules. The Rochester Symposium is April 24-27th. They offer a mix of educational talks at which times the dealers rooms are closed. There is a silent auction on Sat. night and a live auction.

Bill and Joanna presented a rough draft of a new set of bylaws for our club in as much as couldn't establish that our club ever had by laws in the past. The members were asked to peruse them for corrections and additions. After final review membership will vote on the proposed by-laws. Bill noted that we still need program and advertising chairpersons. He also spoke about making specimen kits to sell at the show stocked with minerals from our storage and donated pieces from members. Joanna made a motion for Bill to purchase



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20 specimen display boxes. Jerry Curcio seconded the motion. We will announce a date to put the boxes together with donated and club minerals.

Ken West noted that the club had talked about purchasing some of the books: "Collector's Guide to Minerals of the NYS" by Steve Chamberlain and George Robinson. Ken made a motion that the club purchase 15 books, possibly from Amazon. Bob Taillon 2nd'd the motion. Pot luck dinner was held and no drawing at this meeting. Note: 8 copies of the book have arrived in two shipments from Amazon and the printing has been sold out!

Mineral of The Month:

Calcite:



Calcite is the one of the most common minerals on earth. It occurs in a seemingly unlimited variety of shapes and colors. It constitutes a major portion of many of the earth's rocks. Calcite belongs to the calcite group of minerals, a group of related carbonates that are isomorphous with one another. They are similar in many physical properties, and may partially or fully replace one another, forming a solid solution series. All members of the calcite group

crystallize in the trigonal system, have perfect rhombohedral cleavage, and exhibit strong double refraction in transparent rhombohedrons. Calcite and Aragonite are polymorphous to each other. Although Calcite and Aragonite contain the same chemical composition, they differ in crystal structure. Calcite forms trigonal crystals, whereas Aragonite forms orthorhombic crystals. Sometimes the crystals of Calcite and Aragonite are too small to be detected, and it is only possible to distinguish these two minerals by complex scientific optical tests. Since the true identity of microcrystalline forms of Calcite or Aragonite may not be known, they may be mislabeled as the wrong mineral. A microcrystalline type of Calcite in globular form is common in certain regions. This Calcite forms from precipitating calcium-rich water inside caverns or on limestone cliffs. It exists in the form of stalagmites, stalactites, flowstone, and strange globular growths. These growths constantly accumulate, forming layers. They are frequently impure, trapping in organic matter such as leaves, twigs, and moss as they accumulate. Because of their impure status, they are classified by some as rocks. These calcareous growths have designated names based on their shape, habit, or formation. Most of these growths are Calcite, but some are crystallized as Aragonite. The environment of formation, however, can be a key guide to whether the mineral crystallized as Calcite or Aragonite. Aragonite will generally develop only at hot springs, whereas most other calcareous growths will be Calcite. Calcite may form as an undesirable coating on top of another mineral. The calcite can be easily burned off by soaking it in acid, which will cause it to effervesce and eventually dissolve, leaving the mineral exposed.

Minerals Needed for Boxed Specimens

Pierrepont:

- Dravite (Black tourmaline)
- Tremolite
- Smoky Quartz

Richville:

- Uvite (brown tourmaline)

Fowler/Balmar:

- Hexagonite
- Chrome Tremolite
- Cubic Magnetite
- Donpeacorite
- Rhodonite

Harrisville:

- Blue Calcite
- Wollastonite
- Quartz Crystals

Edwards:

- Quartz crystals (Dodge Mine)
- Tremolite (Bullocks Flats)

Macomb:

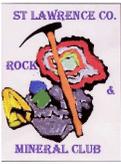
- Fluorite

Note from Fred Haynes:

It's almost digging season! The weather looks good and clear for opening Day at Ace of Diamonds Mine on April 1.

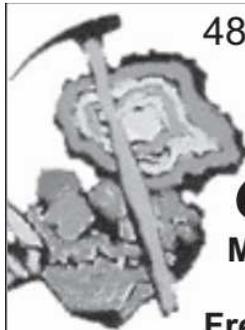
Bottle Drive for Black Light

We're off to a good start with the new season and are preparing to open a new account beginning with \$15 collected thus far. Please bring contributions to the next meeting or send to Chris.



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48th Annual

Gem & Mineral Show & Swap

Sat., Aug. 23 • 9am-4:30pm

Sun., Aug. 24 • 9am-3pm

Madrid Municipal Park & Community Center

Intersection of State Rt. 310 & 345

Free Admission! Auction Saturday 5 pm

*Indoor / Outdoor Show Featuring...Crystals, Gemstones, Jewelry & Bead
Vendors, Guided Mineral Collecting Trips, Wire Wrapping, Lessons and More!*

St. Lawrence County Rock & Mineral Club

www.StLawrenceCountyMineralClub.org