



THE TELEPHONE CITY CRYSTAL

THE BRANTFORD LAPIDARY & MINERAL SOCIETY INC.



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Our website: www.brantfordlapidarymineral.ca

CCFMS website: www.ccfms.ca/

Our mailing address: 1 Sherwood Drive, Brantford, On N3T 1N3

Program: Shannon Kennedy - Cynosure Jewellery



SHANNON KENNEDY and JUAN BOHORQUEZ, Cynosure's designers, have a shared innovative vision and creative concepts. They met and launched Cynosure Jewelry at Globe Studios in 2001 located in downtown Kitchener, Ontario.

Shannon graduated in 1996 from the Ontario College of Art and Design and furthered her jewellery making skills by attending George Brown's 2nd and 3rd year Jewellery Arts Program.

About six years ago Shannon and her partner discovered a love of Precious Metal Clay, a new material created by Mitsubishi. Since completing their Precious Metal Clay Certification, they have been active creators and teachers. Shannon's PMC work has been published in the 2008 and 2010 PMC Guild Annuals.

Shannon has taught PMC and jewelry-making at many galleries and institutions such as Mohawk College, Ontario Crafts Council, George Brown College and the Ottawa School of Art to name a few.

Time: 7:30 pm

Location: Woodman Park Community Centre 491 Grey St. Brantford, Ont.

CLUB NEWS

1. Our monthly meeting attendance continues at a great member percentage to the point where the Woodman Centre will soon have to provide more chairs.
2. Thanks to Katharine Lahay for her mineral identification program last month and for bringing one of last years scholarship recipients (Ben Daniels) to the meeting. It was a nice surprise for the members to meet Ben.
3. I feel humbled by John's reference to my newsletter as being a main contributor to our club's success. I must counter with the belief that our present member level is a combination of a combined effort by all the executive. A very enthusiastic pair of field trip leaders, varied program selection, great meeting refreshments, a strong leadership in the president's chair, conscientious workshop personnel who continue the classes week after week and a show chair who has advertised our club heavily at his business and events, all have brought our club into the fore front as a successful mineral club. Many thanks also to the club members who continue to attend the meetings on a regular basis.
4. Any members who are interested in a wire wrap, or beading classes please phone Carrie Gage at 519-758-8426.
5. Welcome New Members: Jude & Vanessa Johnston (Dundas) and Susan Warren (Oakville)
6. Thanks to all the club members (Phyllis, Brad, Paula, Anne, Darren, Kim, & Gary) who helped at the Ancaster Show.
7. WE NEED A NOMINATING COMMITTEE AND VOLUNTEERS FOR OUR ELECTIONS IN NOVEMBER.

Front Page photos: Top Photo - Member Paula Newcombe at the club booth at the Ancaster Gem and Mineral Show
Bottom Left - Sterling Silver designs by club member Jenny Jones at October Ancaster Show

September Meeting - Mineral Identification



Left- Kathy, Katharine and scholarship recipient - Ben Daniels

Right - Fluorite display courtesy of Don Oliver

Mineral of the Month- Topaz



- Colour is clear, yellow, orange, red, blue and green.
- Lustre is adamantine to vitreous.
- Transparency crystals are transparent to translucent.
- Crystal System is orthorhombic; 2/m 2/m 2/m
- Crystal Habits include a prismatic crystal with usually two different prisms that produce a rounded or sharp diamond-shaped cross-section. The termination is typically capped by a dome forming a roof like top. Another dome can modify the termination producing a point at the juncture of the two domes. A basal pinacoid can flatten the prisms termination or truncate the top of the domes. The pinacoid, multiple domes and occasionally orthorhombic pyramid faces can produce a complex, multifaceted and well formed termination. Topaz can be granular and massive.
- Cleavage is perfect in one direction, basal.
- Fracture is conchoidal.
- Hardness is 8.
- Specific Gravity is approximately 3.4 - 3.5+ (above average)
- Streak is white.

Associated Minerals include quartz, tourmalines, micas, brookite, cassiterite and fluorite.

- Other Characteristics: index of refraction is 1.61 - 1.64. Prism faces maybe striated lengthwise.
- Notable Occurrences include Minas Geras, Brazil; Pakistan; San Diego Co, California; Ural Mountains, Russia; Mexico and the Thomas Range, Utah.

THE GOLDSTONE STORY - For hundreds of years men everywhere have tried to turn base metals into gold. In Medieval times monks of a northern Italian monastery were engaged in this task. For many years these monks laboured to recover the precious metal in their retorts.

About 1590, after years of effort monks happened to make a very beautiful sparkling material with innumerable gold stars. They failed in making gold but they did succeed in producing a marvellous specimen which they properly named "Goldstone". (In reality it is a glass not a stone.) Goldstone was used for decorative purposes until, having been suitable for cutting and polishing for jewellery, it was imported into the United States in 1890.

The monks called goldstone "adventuring stone", as it was impossible to foretell the success of a mixture for many weeks. (continued on page 5) →

THE EXECUTIVE IS PROPOSING A FEW CHANGES TO THE SOCIETY’S CONSTITUTION AND BYLAWS TO BRING THEM MORE IN LINE WITH PRESENT SITUATIONS. THE AMENDING FORMULA READS THAT THE CONSTITUTION AND BYLAWS MAY BE AMENDED BY AT LEAST 2/3 OF THE ELIGIBLE VOTES AT THE ANNUAL MEETING IN NOVEMBER. DUE NOTICE OF MOTION MUST BE GIVEN IN THE OCTOBER ISSUE OF THE TELEPHONE CITY

PROPOSED AMENDMENTS TO THE CONSTITUTION AND BYLAWS AS FOLLOWS:

ARTICLE III – MEMBERSHIPS

SECTION 1 CURRENTLY READS:

“Membership in the Society shall be open to all individuals who agree with the objectives of the society and pay the appropriate fee.”

PROPOSED:

“Membership in the Society shall be open to all individuals who agree with constitution, bylaws and objectives of the Society and pay the appropriate fee.”

SECTION 2 CURRENTLY READS:

“Family memberships shall include a husband, wife and children up to sixteen (16) years of age, and shall be entitled to two (2) votes, provided that two (2) adult members are present for the ballot.”

PROPOSED:

“Family memberships shall include up to two (2) adults and can include children under the age of sixteen (16). Two (2) family members over the age of sixteen (16) shall be entitled to vote by being present for the vote. Proxy voting can be made available by a decision of the executive.”

SECTION 3 CURRENTLY READS:

“Individual memberships shall be open to persons over the age of sixteen (16), and shall be entitled to one (1) vote.

PROPOSED:

“Individual memberships shall be open to persons over the age of sixteen (16), and shall be entitled to one (1) by being present for the vote. Proxy voting can be made available by a decision of the executive.”

SECTION 4 CURRENTLY READS:

“Junior memberships shall be open to all individuals under the age of sixteen (16), but shall carry no vote.”

PROPOSED:

Remove this article and change article #5 (Honorary Memberships.....) to #4.

ARTICLE IV

SECTION 2. CURRENTLY READS:

“An elected Board of Directors shall consist of:

The Executive Officers; b) 2nd Vice-President; c) Program Director; d) Show Chairperson; e) Field Trip Director; f) Bulletin Editor; g) Social Convenor; h) Librarian; i) the Immediate Past President; j) Workshop Chairperson; k) Workshop Instructors

PROPOSED:

Remove 2nd Vice-President and Workshop Instructors. Change Bulletin Editor to Newsletter Editor

ARTICLE IV- OFFICERS AND DIRECTORS

Section 3. CURRENTLY READS:

“Election of Officers and Directors shall take place at the Annual Meeting in November of each year for a term of twelve (12) months commencing January 1st of the succeeding year and terminating December 31st of that year. If a vacancy occurs during the term of the Office for the Officers and Directors, the board may appoint a member of the society to fulfil the remainder of the term.”

PROPOSED:

“Election of Officers and Directors shall take place at the Annual Meeting in November of each year for a term of twelve (12) months commencing January 1st of the succeeding year and terminating December 31st of that year. ‘ No executive Officer shall hold the same Office for more than three (3) consecutive terms’. If a vacancy occurs during the term of the Office for the Officers and Directors, the board may appoint a member of the society to fulfil the remainder of the term.”

Bylaw proposed amendments

The executive has put forward an amendment to Bylaw #7 – PART II which now reads:

“An auditor shall be appointed by the board and may be selected from the Society membership, but not from the members of the Board.”

The suggested amendment would read:

“An examiner shall be appointed by the board and may be selected from the Society membership, but not from the members of the board.”

The executive has put forward an amendment to Bylaw#7 – PART III which now reads:

“An annual audit shall be made for the financial books.”

The suggested amendment would read:

“An annual examination and report shall be made for the financial books prior to January 31.”

(Goldstone continued from page 3) To this day due to the lack of modern production methods, a batch can turn out unsuitable for use due to variations in the heating and cooling process. The production of goldstone has been a closely kept secret for the past three centuries. Many have tried to duplicate goldstone.

After the goldstone is removed from the retorts, the bathtub sized masses are broken into convenient sizes and shipped to the major stone cutting centres throughout the world. - Germany, Holland, Austria and some to Mexico and Japan.

Goldstone will not fade or discolour or lose its beauty over many years., so that it is most suitable for costume jewelry and for specially designed pieces.

Variants of the original colour have lately come on the market -- a rich blue which is supposed to glow in the dark after exposure to bright sunlight; a green, made by a different process which cuts well into flat top gems but has given trouble in high cabochons, and also a black, called sometimes “Midnight Stone”.

The metallic flecks are copper, but the method of producing them is a secret of the process. The Japanese imitation uses copper fillings but the result is not the same as the Italian material. The aventurine quartz takes its name from the resemblance of the metallic flecks in it to the monks’ “Adventuring Stone”. (Adapted from articles from Michigan Gem News & Flint Rock and Gem Newsletter)

(Please bring pieces or cabs of Goldstone to our October Meeting for a sparkling display)

Bell Island Iron Mine - Newfoundland



Large mural depicting Bell Island Mine



Kathy entering shaft at #2 mine on Bell Island

“Set like a jewel amid the sparkling blue waters of Conception Bay, on the extreme eastern coast of Newfoundland, lies rugged and picturesque Bell Island, where from 1895 to 1966 over 78 million tons of ore was shipped from the world’s largest Submarine Iron Ore Mine. The deposit contains an estimated three and one half billion tons of iron ore and the area of occurrence is approximately 70 square miles, with only 10 square miles having been mined during operation.”

Interesting history - Germany was one of the largest customers of the iron ore until the War World II and the supply was cut off. German captains, some of whom had piloted ore ships into Conception Bay in the 1920s and ‘30s returned in 1942 with submarines and intimate knowledge of the Bell Island area. On September 5 two ships destined for England were torpedoed and sunk. Members of the Newfoundland militia ran to the battery overlooking Bell Island ferry landing and fired frantically in all directions. They managed to kill a cow in St. Phillips, but never saw let alone hit the submarine. The noisy barrage, however, frightened the attackers, and they slipped away. A second raid off Bell Island in November 1942 destroyed a third ore ship. One torpedo struck the pier and shattered into fragments which were later retrieved by Bell Islanders and fashioned into souvenir rings.

In the 1950s the Bell Island ore fell victim to radical change in steel technology that rendered the ore’s quality unpopular. A new steel making technology method could not use the ore which contained a higher phosphorus percentage as well as a higher percentage of silica, an unwanted impurity. Newer deposits in Labrador were more suited to the newer technology and were mined from open-pit rather than the submarine operation and could be sold at extremely competitive prices. In June 1966 the mine owners sold the mine claims and facilities to the government: \$1 for the land and \$100,00 for the assets.

We toured the #2 mine which interesting enough had no wooden shoring. Numerous tunnels extended from the main shaft with iron ore pillars 10-15 feet in diameter serving as the supports for the mine ceiling. Our tour began with an interesting video, an overview of the mine, a mine tour and unlimited time to tour the museum. The experience is well worth the trip to Bell Island. The mine & museum tour operates from June 1 - Sept 30th from 11 am to 7 pm daily.

Paraprosdokian sentences - is a figure of speech in which the latter part of a sentence or phrase is surprising or unexpected in a way that causes the reader or listener to reframe or reinterpret the first part. It is frequently used for humorous or dramatic effect.

- ◆ Do not argue with an idiot. He will drag you down to his level and beat you with his experience.
- ◆ We never grow up; we only learn how to act in public.
- ◆ Dolphins are so smart that within a few weeks of captivity, they can train people to stand on the very edge of the pool and throw them fish.

**2010 EXECUTIVE**

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SPOTTED LAKE

Spotted Lake is very highly concentrated with numerous different minerals. It contains some of the highest quantities (in the world) of magnesium sulphate, calcium and sodium sulphates. It also contains extremely high concentrations of 8 other minerals as well as some small doses of four others such as silver and titanium.

In the summer, most of the water in the lake evaporates leaving behind all the minerals. Large “spots” on the lake appear and depending on the mineral composition at the time, the spots will be different colours. The spots are made mainly of magnesium sulphate, which crystallizes in the summer. Since in the summer, only the minerals in the lake remain, they harden to form natural “walkways” around and between the spots.

To this day, a fence keeps people from reaching the lake's shore by walking down there from the highway. One can easily see the lake while driving by at high speeds in their car. A lot of people stop on the side of the road for a longer look. At a gate of a driveway that leads to a house near the lake, there is a small sign telling visitors about the lake's healing powers.



Spotted Lake is a saline endorheic alkali lake located northwest of Osoyoos in British Columbia. It is located near the city of Osoyoos, beside Highway 3.

Workshops at Woodman Park are well under way for the new season according to Brad.

Wednesday Evenings: 7 - 9 pm

Thursday Afternoons: 1 - 3 pm



COMING EVENTS -FALL 2010

Oct 11 Field Trip to Mont St. Hilaire Quarry (formerly the Poudrette Quarry), sponsored by the Club de Mineralogie de Montreal. Registration at the quarry between 8AM and 9 AM. Quarry closes at 4 PM. Admission: \$10/person. Safety equipment (steel-toed boots, safety vest, safety goggles, hard hat) is compulsory. For registration, contact trip leader Tony Gordian, gordianmtl@yahoo.ca

Oct 16-17 41st Annual Gem Storm a show and sale sponsored by the Kingston Lapidary and Mineral Club
 Sat. 10-6, Sun. 10-5 Portsmouth Olympic Harbour, 53 Yonge St., ON
 Features: Over 30 dealers: Childrens's mine, Jewellery Workshop
 Information: Contact Les Moss, Show Chairman at emoss@cogeco.net Website: <http://www.mineralclub.ca>

Oct 30-31 The University of Waterloo Gem and Mineral Show. 10AM - 5 PM Saturday and Sunday, CEIT Building, University of Waterloo. Saturday includes the annual Science Open House for K-12 children and their families. Featured speaker - Sunday 2:00 PM: Dr. Steve Evans will talk on the Haiti Earthquake. For details: www.openhouse.uwaterloo.ca

Nov 4-6 CMMA Fall Mini-Conference
 The Burlington Arts & Cultural Centre, 1333 Lakeshore Road, Burlington, On
 Contact Bill Lechner at 416-438-8908 or bill.lechner@rogers.com

Nov 20-21 London Gem and Mineral Show
 Sat. 9-6, Sun. 10-5 Western Fairgrounds (Special Events Building)
 Highway #401 to Highbury exit North, west on Florence, North on Rectory - Main entrance immediately on right side
 Features: Over 35 dealers, demonstrators, and educational talks
 Admission: Adults \$5.00, Children 2.00
 Contact: Ken Dardano 519-831-3093 or ken@unitedwayguelph.com

Nov 27-28 The 23rd Annual Midhurst Arts and Craft Home Tour. Sat. 10-5; Sunday 10-4. Featuring 31 artists & artisans in 12 locations in Midhurst, Ontario (just north of Barrie), including Doug Wambold's Lismark Minerals and Jewellery, 5 Orser Drive, Midhurst, 705-722-3330. Free Admission

For a complete listing go the CCFMS website: www.ccfms.ca/

Oct 17 2010 - CCFMS Bowmanville Fieldtrip

We have managed to secure a field trip to Bowmanville for fossil collecting on Oct 17th. Not sure quite yet who is leading it but send your intentions to me at rernt1004@rogers.com and I will ensure your name is on the list.

Review the overview at <http://www.ccfms.ca/Events/Bowmanville.html> which also includes a map and rules.

Meet before 8:30 and we will leave at 3 pm.

Randy Ernst

