



# THE TELEPHONE CITY CRYSTAL



March 2020  
VOLUME 101  
ISSUE 1



Featuring:  
Minerals of  
Canada



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BRANTFORD LAPIDARY & MINERAL SOCIETY'S

## GEM & MINERAL SHOW

**April 4 & 5, 2020**

Saturday & Sunday - 10am to 5pm

**Paris Fairgrounds**

139 Silver Street, Paris, Ontario N3L 1V5

48th Annual Show - Featuring Minerals of Ontario



JAN-CROFT MINERALS



ROBERT W. THREMBER INC.

- Gem, Mineral, Fossil & Stone Dealers
- Lapidary Equipment & Supplies
- Fine Jewellery, Supplies & Beads
- Demonstrations & Exhibits
- Silent Auction



GOLD, SILVER, COPPER & NICKEL



**Kids' Activities**  
'Mine for Gems'  
'I Dig Fossil Fish'



MINERAL SPECIMEN



MINERAL SPECIMEN

[www.brantfordlapidarymineral.ca](http://www.brantfordlapidarymineral.ca)

For more information: Allan Hietapakka, Show Chair  
519.732.9825 • allanhietapakka@gmail.com



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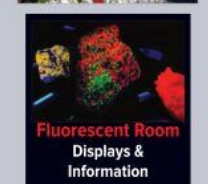
48th Annual Show - Featuring Minerals of Ontario



**ADMISSION:**

Adult - \$6.00

12 Years & Under - FREE



**Fluorescent Room**  
Displays &  
Information

Free Parking  
Wheelchair Accessible  
Gourmet Food Trucks

[www.brantfordlapidarymineral.ca](http://www.brantfordlapidarymineral.ca)

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**FYI**  
**For Your Information**

### A Message from our BOD

Our club is making its way digital! The BLMS is proud to announce that we are now accepting e-transfers to our gmail address [brantfordlapandmin@gmail.com](mailto:brantfordlapandmin@gmail.com). We are hoping to keep with the times and update some of our payment systems to allow for easier payments for our members, guests and future members.

The BOD is still in search of volunteers for our very near April Gem & Mineral show. We are also in search of donations for the show's silent auction, or you may wish to submit an item for auction of your own works to sell.

A portion of the sale will be donated back to the club. For anyone who is interested, please contact any of our BOD for the forms.

***NOTE: ALL VOLUNTEERS WILL BE GIVEN VOUCHERS FOR THE FOOD TRUCKS EACH DAY THAT THEY VOLUNTEER.***

We would like to keep our members as up to date as possible on upcoming events or some helpful tips to share. If anyone has any helpful information, tips, tricks, events or even just some fun facts that they would like to share with our members, we encourage you to share them on our Facebook page, or send them via email to [ctaylor.1187@gmail.com](mailto:ctaylor.1187@gmail.com).

Thank you to all our returning members, and welcome to our new 2020 members!!



**A WATER BASED DIAMOND SAW LUBRICANT-** Turquoise and a few other soft or fibrous stones often absorb various oils used as coolants, discolouring them. IF you plan on doing extensive cutting, it is advisable to use a water based coolant, which you can do as follows: To each gallon of water add 6 tsp of BFI wetting agent No. 40 or its equivalent, and 2 oz of auto radiator anti-rust solution.

The BFI can be purchased at any photo supply store very inexpensively. The lubricating action of this coolant is not as good as the standard kerosene and oil mixture and should not be used to saw large chunks of hard material. More water can be added periodically to accommodate evaporation.



#### **How Does a Cavity Get Into A Geode?**

The outside may look like a crusty lump of stone, but may feel lighter than other rocks around it. Crack it open to find inside semi-precious stones or lines of rainbow coloured agates. Somehow the middle is empty? This is our mystery.....





MEMBERS VISITING THE CLUB ARE ASKED TO PLEASE HELP KEEP OUR WORKSPACE CLEAN AND ORGANIZED FOR THE NEXT PERSON TO USE. Thanks everyone!



# BLMS INFO

**GET YOUR MEMBERSHIP FOR 2020 NOW!!!  
NOW ACCEPTING E-TRANSFERS!**

### Membership cards valid until February 1, 2021

As per our Bylaws

Article 2: Membership

Item 2.1 Qualifications for membership: Membership in the Society shall be open to all individuals who agree with the constitution, by-laws and objectives of the Society and pay the appropriate fee.

Item 2.2 Fees: Annual fees shall be due and payable not later than January 31st each year, and shall be collected by the Treasurer. New members who join the society during the period from Sept. to Dec. 31 shall be entitled to a membership card for the following year.

### PLEASE CHECK YOUR MEMBERSHIP CARDS!

Members who have not renewed their membership for 2020 will not receive BL&MS Newsletters, and will not be allowed to use the workshop until such time as they renew their membership.

Membership renewals and new memberships can be acquired at the monthly meetings, the workshop or by mail.

Please pay via cash or cheque.

Note: If paying by cash at the Workshop please bring the exact change.

BL&MS Membership Fees

Single \$20.00 Family \$25.00



## NEXT GENERAL MEMBERSHIP MEETING

**DATE:** Friday March 20th, 2020 @ 7:30 pm

**Topic:** Beachville District Museum Wonders

**Guest Speaker:** Stephanie Radu

**Place:** TB Costain/ S.C. Johnson community Centre



Guest Bio, Stepahnie Radu: Stephanie received her B.A.H. from the University of Guelph and her Ph. D. in Art & Visual Culture from the University of Western Ontario. She serves on the Advisory Board for Banting House National Historic Site of Canada and the Material Culture Aquisitions Committee at the Museum of London. Her research primarily focuses on the history of house museums in Canada and the processes involved in transforming historic dwellings into heritage attractions. She has authored articles and book chapters on small museums and contemporary art, and continues to explore the role museums can play in the cultural planning process. She is the curator at Beachville District Museum.

**NEW!!!** – For our future General Meetings, we would like to involve our members as much as possible! We ask that anyone who has any rocks and/or minerals that they wish to donate or sell at a silent auction (portion to be donated back to the club), to please contact one of the BOD's. It will be up for auction during the GM, and finalized at the end of the night. We look forward to seeing your items!





FIND US ON FACEBOOK



<https://www.facebook.com/Brantford-Lapidary-and-Mineral-Society-102281731186467/>

NOW ON TWITTER TOO



[@BrantfordS](https://twitter.com/BrantfordS)

Request a copy of the newsletter be emailed to you in PDF format instead of mail, email Christine Taylor at [ctaylor.1187@gmail.com](mailto:ctaylor.1187@gmail.com). Note: A PDF copy of the newsletter is posted also on the BL&MS Website.



**FOLLOW US ON FACEBOOK OR CHECK OUR WEBSITE FOR UPDATES!**

We are always seeking new volunteers for workshops, if anyone has any suggestions; please contact Allan Hietapakka at [allanhietapakka@gmail.com](mailto:allanhietapakka@gmail.com).

**NOTICE: THE WORKSHOP IS STILL OPEN DURING MARCH BREAK!! COME ON IN!!**

Workshop Chairperson: Ernie Edmonds (519) 583-9457  
 Workshop Instructors: Allan Hietapakka [Allan.hietapakka@hotmail.com](mailto:Allan.hietapakka@hotmail.com) or (519) 732-9825  
 Ellen Boyington [ellenboyington64@gmail.com](mailto:ellenboyington64@gmail.com) or (226)552-1022  
 Jordan Hill [centralfire99@gmail.com](mailto:centralfire99@gmail.com) or (519)717-8171  
 Soldering Course Brad McClelland

Day	Hours	Workshop Instructors
Sunday	12 noon - 6 pm	Ernie Edmonds / Allan Hietapakka
Monday	CLOSED	*****
Tuesday	12 noon – 6 pm	Jordan Hill
Wednesday	12 noon - 6 pm	Ernie Edmonds / Allan Hietapakka
Thursday	5 pm – 9 pm	Amanda Disher
Friday	CLOSED	*****
Saturday	1 pm – 6 pm	Brad McClelland/ Ellen Boyington

The days & times are also posted on our website & Facebook sites.

Website: [www.brantfordlapidarymineral.ca](http://www.brantfordlapidarymineral.ca)

Facebook: <https://www.facebook.com/Brantford-Lapidary-and-Mineral-Society-102281731186467/>

**WORKSHOP PUNCH CARDS CAN BE PURCHASED AT MEETINGS OR THE WORKSHOP**

There are four levels of Workshop Punch Cards which are available for current members to purchase at our BL&MS Monthly Meetings and at our Workshop. Please pay by cash (exact change) or cheque.

The Four Levels of Workshop Punch Cards are as such:

1. 1 session for \$12.00
2. 5 sessions for \$55.00 (\$11 per workshop session)
3. 10 sessions for \$100.00 (Save money - \$10 per workshop session)
4. 20 sessions for \$180.00 (Best Savings - \$9 per workshop session)



**NOTE:** Each session is for ONE workshop usage per person. The Workshop Punch Card MUST be punched by the Workshop Instructor for EACH PERSON on EACH DAY of their workshop usage BEFORE they work on the machine.





**BOARD OF DIRECTORS**

<b>EXECUTIVE</b>	PRESIDENT: Ernest Edmonds	519-909-9642	
	VICE PRESIDENT: Allan Hietapakka	519-732-9825	allanhietapakka@gmail.com
	TREASURER: Alice Logan	905-467-7706	cowgirlal2005@yahoo.ca
	SECRETARY: Bob Kergan		
<b>OTHER DIRECTORS</b>	SHOW CHAIR: Allan Hietapakka	519-732-9825	allanhietapakka@gmail.com
	NEWSLETTER/ SOCIAL MEDIA EDITOR: Christine Taylor	226-934-3911	ctaylor.1187@gmail.com
	WORKSHOP ADMINISTRATOR: Ellen Boyington	226-552-1022	ellenboyington@gmail.com
	LEAD WORKSHOP INSTRUCTOR: Jordan Hill	519-717-8171	centralfire99@gmail.com

**MUSEUMS and Mineral related**

The CCFMS has a list on their website of Museums with Mineral & Hobby Related Items in Ontario. Go to the Menu on the CCFMS website [www.ccfms.ca](http://www.ccfms.ca) and click on “Hobby Items” then Click “Museums”.

The list of Museums in Ontario includes:

- Royal Ontario Museum, Toronto, ON
- Bancroft Mineral Museum, Bancroft, ON
- Bruce Mines Museum, Bruce Mines, ON
- Canadian Drilling Rig Museum, Selkirk, ON
- Canadian Museum of Nature, Ottawa, ON
- Cobalt’s Northern Ontario Mining Museum, Cobalt, ON
- Earth Sciences Museum, University of Waterloo, ON
- Elliot Lake Nuclear and Mining Museum, Elliot Lake, ON
- Miller Museum of Geology and Mineralogy, Kingston, ON

If you go to the “Museums of Ontario” website ([www.museumsontario.ca](http://www.museumsontario.ca)) they list the following Museums as having Minerals on display: Dryden and District Museum, Dryden, ON also displays Pioneer and Native Artifacts as well as Minerals

**ROM - ROYAL ONTARIO MUSEUM**

- Rock, Gem, Mineral, Fossil & Meteorite Identification Clinics at the ROM

More Information, contact ROM: 416-586-5549 or ROM website: <https://www.rom.on.ca/en/visit-us>

Visitors with rocks, minerals, gems, fossils or suspected meteorites can have them identified at the special ID clinics, held 6 times a year. These clinics are free to the public but patrons wishing to visit the rest of the museum will be charged admission. No appointment necessary, first come, first served. Sorry we can’t ID stone artifacts & NO appraisals will be done. Hours: Wednesday 4:00 pm-5:30 pm Location: School Groups Lunchroom, President’s Choice School Entrance on Queen’s Park, doors nearest Museum subway shop.

**CLINIC DATES FOR 2020 –** April 15<sup>th</sup> / June 10<sup>th</sup> / August 19<sup>th</sup> / October 14<sup>th</sup> / December 9<sup>th</sup>





**MINERAL OF THE MONTH:**

Over the next year the newsletter will be focusing on “Minerals of Canada.” Each month we will feature the rock/mineral of one of our beloved provinces. This month we take a visit to the tiny Island of Prince Edward Island. While not an “official” mineral of the province, it is the most commonly mined.

**Calcite**



Category/Class	Carbonate
Colour	Colourless or white, yellow, red, orange, blue, green, grey, brown
Hardness	3
Crystal System	Trigonal
Transparency	Transparent to translucent
Luster	Vitreous to pearly on cleavage surfaces
Cleavage	Perfect on three directions with angle of 74 degrees

**Calcite:** It is a carbonate mineral and is the most stable polymorph of calcium carbonate. It is a very common mineral found all around the world. In PEI, it is not the official mineral however it is the most commonly mined at 4 of 6 main mines in PEI. There has been over 800 forms of calcite crystals identified, and more than 7 distinct colours. Calcite is a common constituent of sedimentary rocks, particularly limestone which is formed from the shells of dead marine organisms, making PEI a perfect location to find calcite.

**Uses:** Its properties make it one of the most widely used minerals. It was used throughout history for small carved statues or objects. High grade optical calcite was used in WW II for gun sights. It can also be used in construction material, an abrasive, agricultural soil treatment, pigment, pharmaceutical and more.

**Varieties:** Agaric Mineral, Anthraconite, Aphrite, Cobaltocalcite, Corn Spar, Dogtooth Calcite, Flowstone, Hog-toothed Spar, Iceland Spar, Manganocalcite, Nail Head Spar, Onyx Marble, Optical Calcite, Rice Grain Spar, Salmon Calcite, Sand Calcite, Satin Spar, Stalactite, Stalagmite, Travertine, Tufa and many more!

**Also Found In:** Gold can be found all across the Canadian Shield, from coast to coast. It can also be found all over the world in various forms of deposits. There are far too many places to list.





## THE LIGHTER SIDE



© Brian Crane.

*UNTIL NEXT  
TIME.....  
Keep Hounding!*

