



# CRYSTALS AND CABS

## Newsletter of the Capital Mineral Club

President - Don Dallaire, 829 Candia Road., Chester, NH 03036, Phone (603) 483-8467 Email: dadallaire@hotmail.com

Vice President - Angela Pratt, 10 Ashwood Court, Atkinson, NH 03811 Phone (603) 236-2331 Email: angle7461@comcast.net

Secretary - Doug Peck, 807A Loudon Ridge Road, Loudon, NH 03307 (603) 783-5522 Email: au79dfp60@gmail.com

Treasurer - Crystal Czaja, 42 Rumford Street, Concord, NH 03301 (603) 759-5754 Email: ckc1218@gmail.com

November 2019

Volume 19 Issue 8

### Capital Mineral Club News

#### Inside this issue:

Meeting Minutes	2
Speaker for November	3
Calendar of Events	4

The Capital Mineral Club membership meeting will be on Saturday, **November 2nd 2019** at 2:00 PM at The Salvation Army Building, Concord, NH.

The speaker this month will be by Martin Kippley. He will talk on Radiation and Radioactive materials.

Thank you to those who brought the refreshments for the September meeting.

#### Editors Note:

The **deadline** to get info to me for publication will be the **3<sup>rd</sup> Saturday** of every month

- My e-mail address:  
pfcram@comcast.net
- CMC Website:  
www.capitalmineralclub.org
- Website designed and maintained by:  
Peter Cram & Steffen Hermanns
- If submitting material to the newsletter the editor requests that it be sent in Microsoft Word format. This will help in getting the newsletter together.

#### Welcome New Members

Paul Klorer, Enfield, NH

Toby, Lindsay, Sophia & Brady Fontaine, Concord, NH

**2020 Club Dues are due, please send your membership dues to:**

**Steffen Hermanns, 7133 Oak Hill Road, Loudon, NH 03307**

**Make check payable to Capital Mineral Club. Dues are \$10.00 per member.**

#### Mineral Clubs - Meeting Dates

**Saco Valley Gem and Mineral Club:** 3<sup>rd</sup> Tuesday of each month at the Tin Mt. Conservation Center, Albany, NH – 7:00 PM  
www.sacovalleygmc.com

**Keene:** 1<sup>st</sup> Saturday of each month in the conference room of the Southwest Community Services building at 34 Cypress St. Keene, NH – 6:00 - 8:30 PM www.keenemineralclub.50webs.com

**North Shore (MA):** 3<sup>rd</sup> Friday of each month, Hamilton Wenham Community House, 284 Bay Rd, South Hamilton, MA – 7:45 PM  
www.northshorerock.org

**Boston Mineral Club:** 1<sup>st</sup> Tuesday of each month, Harvard University Geological Lecture Hall, 24 Oxford St., Cambridge, MA – 7:30 PM www.bostonmineralclub.org

**Southeastern NH Mineral Club:** 2<sup>nd</sup> Wednesday of each month, St John's Methodist Church, 28 Cataract Ave., Dover, NH – 7:00 PM www.senhmineralclub.org

**Presidential Gem & Mineral Society:** 2<sup>nd</sup> Thursday of month at 6:30pm. Jefferson Town Hall, 698 Presidential Hwy, Jefferson, NH 03583



The October meeting of the Capital Mineral Club was Cancelled due to a scheduling problem with the Salvation Army.

**SECRETARY'S REPORT:**

**TREASURER'S REPORT:**

**MOTION:**

**By:                    Seconded:**

**DISCUSSION:**

**DISPOSITION:**

**OLD BUSINESS:**

**NEW BUSINESS:**

**NEW MEMBERS:**

**DOOR PRIZES:**

Donated by:

Winners:

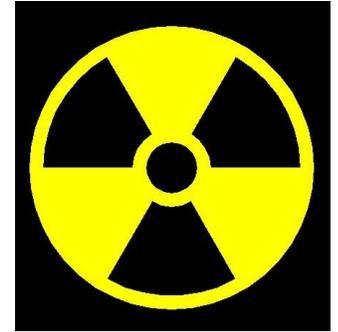
**MOTION TO ADJOURN at**

**By:                    SECONDED:**

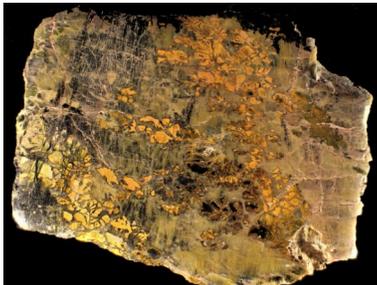
**DISPOSITION: .**

# November's Presentation

Radiation and Radioactive Minerals By: Martin Kippely



Martin will talk about what radiation is and the various types of radiation. His talk will include how radiation is measured and the equipment that is involved. He will also debunk common myths about radiation.



Left: Gummite  
a mixture of  
uranium minerals

The talk will also include a review of some radioactive minerals and how to find them with the proper equipment. He will also cover the safe way to keep radioactive minerals in your collection.

After serving 6 years in the US Naval Nuclear submarine force he worked at the Portsmouth Naval Shipyard for 34 years in various radiological positions and has an extensive background in all aspects of radiation and radioactive material control.



Left: Autunite  
 $\text{Ca}(\text{UO}_2)_2(\text{PO}_4)_2 \cdot 11\text{H}_2\text{O}$   
Daybreak mine  
Spokane County  
Washington



Above: Torbernite  $\text{Cu}^{2+}(\text{UO}_2)_2(\text{PO}_4)_2$   
Musoni mine, Kolwezi.  
Democratic Republic of Congo



Left: Uraninite  $\text{UO}_2$   
Trebilcock Locality  
Topsham  
Sagadahoc County  
Maine



Left: Pyrochlore Supergroup  
var: Betafite  $\text{A}_{2-m}\text{D}_2\text{X}_{6-w}\text{Z}_{1-n}$   
Silver Crater mine  
Faraday Township  
Ontario, Canada



Peter Cram  
 Editor  
 1 Catskill Drive  
 Merrimack, NH 03054

Keep on Rockin' in the Free World

Email: pfcram@comcast.net

WE'RE ON THE WEB

WWW.CAPITALMINERALCLUB.ORG

**2020 Club Dues are due, please send your membership dues to:**

**Steffen Hermanns, 7133 Oak Hill Road, Loudon, NH 03307**

**Make check payable to Capital Mineral Club. Dues are \$10.00 per member.**

<b>Capital Mineral Club Meetings &amp; Events</b>	<b>Gem &amp; Mineral Shows</b>
<b>November 2, 2019</b>	<b>October 26-27, 2019</b>
Club Meeting: <b>2:00PM</b>	Rhode Island Mineral Hunters Annual Show
Speaker: <b>Martin Kippley</b>	CCRI Knight Campus, 400 East Avenue
Refreshments: Polly Lowe & Sharon Palmer.	Warwick, RI
<b>December 7, 2019</b>	<b>November 2-3, 2019</b>
Club Meeting: Holiday Get Together <b>12:00– 4:00PM</b>	2019 Annual Show by the Stamford Mineralogical Society Eastern Greenwich Civic Center
<b>January 4, 2020</b>	90 Harding Road, Old Greenwich, CT
Club Meeting: <b>2:00PM</b>	<b>November 23-24, 2019</b>
Speaker: <b>Al Falster</b>	44th Annual Mineral Show by the Worcester Mineral Club, National Guard Armory
<b>March 7, 2020</b>	Worcester, MA
Club Meeting: <b>2:00PM</b>	
Speaker: TBD	
<b>April 4, 2020</b>	
Club Meeting: <b>2:00PM</b>	
Speaker: <b>Kevin Downey</b>	
<b>May 2, 2020</b>	
Club Meeting: <b>2:00PM</b>	
Speaker: TBD	