



# CRYSTALS AND CABS

## Newsletter of the Capital Mineral Club

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May 2019

Volume 19 Issue 4

### Capital Mineral Club News

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The Capital Mineral Club membership meeting will be on Saturday, **May 4th at 2:00 PM** at The Salvation Army Building, Concord, NH.

This month's speaker will be **Don Dallaire**, his presentation will be **Spessartine** from the Finch Mine, Hayden Area, Gila County, Arizona.

**Mineral of the month:** Members can display their **Wulfenite** specimens .

Thank you to **Charles Forsberg** for supplying refreshments for the last meeting.

#### Welcome New Members

Shannon Coulter, Northfield, NH

**2019 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.**

#### 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.

#### 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 April meeting of the Capital Mineral Club was held on April 6<sup>th</sup>, 2019 at the Salvation Army Building in Concord, NH.

Meeting came to order at 2:00 PM and began with a presentation by W. David Hoisington, Ph.D. (Dr. C) on "The New Story: How Herkimer Diamonds Were Made".

Members brought specimens of their own to share.

The business meeting was called to order at 4:12 PM with 48 members present.

#### **Secretary's Report:**

**Motion:** "To accept the Secretaries Report as written in the newsletter."

**By:** Scott Higgins

**Seconded:** Michele Johnson

**Discussion:** N/A

**Disposition:** Voted on and passed by membership 48 in favor – 0 against.

#### **Treasurer's Report:**

**Motion:** "To accept the Treasurer's Report as written in the newsletter."

**By:** Michele Johnson

**Seconded:** Doug Peck

**Discussion:** N/A

**Disposition:** Voted on and passed by membership 48 in favor – 0 against.

#### **Old Business:**

##### **Scholarships & Grants**

###### **Oliverian School**

Request was made for club to assist with fees charged to school for use of equipment. Further discussion tabled until April meeting or until we get a formal request from Dr. Tice.

###### **Other Grants**

Suggestions were made by the membership to:

Reach out to schools and teachers in the New England area and not just New Hampshire.

Set up more educational materials at the show.

Further discussion tabled to next regular meeting.

##### **Trip to Yale Peabody Museum of Natural History**

Martin Kippley has volunteers to collect more information on costs and charges to the membership. A suggestion was made to have a non-refundable fee to ensure member attendance. Further discussion tabled to next regular meeting.

##### **New Display Cases for the Club**

Tabled until next regular meeting.

**New Business:**

**Election of Officers**

The Slate of Officers has been finalized as follows:

President – Don Dallaire

Vice President – Angela Pratt

Director – Martin Kippley

Secretary – Doug Peck

Treasurer – Crystal Czaja

**June Meeting**

Tabled until next regular meeting so Steffen Hermann's can verify location.

**Other Mineral Shows and Events**

The 15<sup>th</sup> Annual Southeastern New England Mineral Clubs Rock, Mineral, & Gem Show will be at the Dover Elks Lodge #184, 282 Durham Rd., Dover, NH 03840

**Door Prizes**

Donated by: Pat Barker, Terry Crowell, Mike Undercofler & CMC

**Winners**

Doug Peck, Angela Pratt (given to Jr Member), Pat Barker, Charles Forsberg (given to Jr Member), Karen Giaquinta, Bill Ernst, Jody Plant, Bob Whitmore, Kathleen Welker, Michele Johnson, & Dennis Johnson.

**Motion to Adjourn at 4:27 PM**

**By:** Scott Higgins

**Seconded:** Dennis Johnson

**Disposition:** Voted on and passed by membership 48 in favor – 0 against.

# Speaker for May - Don Dallaire

## A Surprising Find of Spessartine From the Finch Mine, Hayden Area, Gila County, Arizona



Finch mine adit

The talk will be about a find in 2017 of a Spessartine in association with minerals that are very unusual to find together.

The Finch mine will be described. It was originally a lead mine and has produced interesting specimens of wulfenite and vanadinite as well as other interesting minerals.

The process of trying to determine how this assemblage occurred will be discussed. Also the collection of rock samples and the resulting analytical procedures and equipment used to try to unravel this puzzle will be discussed.

In addition equipment that is used in analyzing minerals will be reviewed illustrating the complex procedures and equipment necessary today to further the science of mineralogy.

Right:  
Subject of the  
investigation



Above: Wulfenite covered with quartz from Finch mine



SEM at Maine Mineral & Gem Museum



**Finch mine  
Hayden, Arizona**



**Defiance mine  
Gleeson, Arizona**



**79 mine  
Hayden, Arizona**

**Mineral of the month:  
Wulfenite**



**Glove mine  
Amado, Arizona**



**Silver Bill mine  
Gleeson, Arizona**



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Keep on Rockin' in the Free World

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**WE'RE ON THE WEB**

[WWW.CAPITALMINERALCLUB.ORG](http://WWW.CAPITALMINERALCLUB.ORG)

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<b>Capital Mineral Club Meetings &amp; Events</b>	<b>Gem &amp; Mineral Shows</b>
<p><b>May 4, 2019</b>            Club Meeting: <b>2:00PM</b>            Speaker: Don Dallaire            Refreshments: Jen &amp; Jeff Divers</p>	<p><b>May 4 - 5, 2019</b>            56th Annual New England Gem &amp; Mineral Show            Topsfield Fairgrounds, Coolidge Hall, Route 1            Topsfield, MA.</p>
<p><b>June 1, 2019</b>            Club Meeting: <b>2:00PM</b>            Speaker: TBD            Refreshments:</p>	<p><b>May 10 - 12, 2019</b>            7th Annual New England Mineral Conference</p>
<p><b>September 7, 2019</b>            Club Meeting: <b>2:00PM</b>            Speaker: TBD            Refreshments:</p>	<p><b>June 22 - 23, 2019</b>            Gilsum Rock Swap, Gilsum, NH</p>
	<p><b>August 09 - 11, 2019</b>            East Coast Gem, Mineral, Fossil Show.</p>
	<p><b>August 24 - 25, 2019</b>            Capital Mineral Club Show            Everett Arena, Concord, NH</p>