



# CRYSTALS AND CABS

## Newsletter of the Capital Mineral Club

President - Steffen Hermanns, 7133 Oak Hill Road, Loudon, NH 03307, Phone (603) 783-4121 Email: steffenh@comcast.net  
Vice President - Charles Forsberg, P.O. Box 1, North Sutton, NH 03260 (603) 927-4955 Email: c\_forsberg@mctttelecom.com  
Secretary - Ellen Oberkotter, 79 Sunrise Hill Road, Cornish, NH 03745 Phone (603) 675-6079 Email: tworedbarns@hotmail.com  
Treasurer - Don Dallaire, 829 Candia Road., Chester, NH 03036, Phone (603) 483-8467 Email: dadallaire@hotmail.com

January 2017

Volume 17 Issue 1

### Capital Mineral Club News

Inside this issue:	
Meeting Minutes	2
Caves & Minerals Brazil	3
Mineral of the Month	4
Calendar of Events	5

The Capital Mineral Club membership meeting will be on Saturday, **January 7th at 2:00 PM** at The Salvation Army Building, Concord, NH.

This month speaker will be **Kevin Downey** on the **Caves & Minerals of Brazil**.

Mineral of the month: Members could display minerals from Brazil for members to view.

**Remember the will not be a February Meeting.** But like last year there was a workshop which might be possible this year.

**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](mailto:pfcram@comcast.net)
- CMC Website:  
[www.capitalmineralclub.org](http://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

Gerald Edward Miller, Bristol, NH	Meredith Suitor, Goffstown, NH
Spencer Charles Werth, Milford, NH	Frank S. Baker, East Andover, NH
Sandi Pierson, Orange, NH	

**2017 Club Dues are Due, please send your membership renewals to Steffen Hermanns and 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](http://www.sacovalleygmc.com)

**Keene:** 1<sup>st</sup> Saturday of each month at Keene State College, Science Bldg. Room SCIC 126, Keene, NH – 7:00 PM [keenemineralclub.50webs.com](http://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

**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](http://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 [senhmineralclub.org](http://senhmineralclub.org)

**Presidential Gem and Mineral Society:** 2<sup>nd</sup> Friday of month at 7: 00 P.M. North Country Education Services Center; 300 Gorham Hill; Gorham, NH



These are no minutes of the December 5th.

This month was the Capital Mineral Clubs Annual Holiday Party and Collecting Competition. There were about 45 people who attended this fabulous event.

**Meeting Minutes:** Tabled until the January meeting.

**Treasurer's report:** Tabled until the January meeting.

**Old Business:** None

**New Business:** Tabled until the January meeting.

**New Memberships:** None

**Door Prizes:** None

### Field Collecting and Lapidary Award Winners 2016

<b>Best NH</b>	Bob York	Fluorite & Milky Quartz N.Conway, NH
<b>Best NE</b>	Pat Barker	Muscovite Mica Greenwood, ME
<b>Best Outside NE</b>	Don Dalliare	Goethite Teller City, CO
<b>Best of Show</b>	Bob York	Fluorite & Milky Quartz N.Conway, NH
<b>Best Faceted Small</b>	Don Divers	Fluorite
<b>Best Faceted Medium</b>	Jim Reynolds	Topaz
<b>Best Faceted Large</b>	Don Divers	Fluorite
<b>Best of Show Lapidary</b>	Don Divers	Fluorite
<b>Best of Show</b>	Don Divers	Fluorite

# Talk for January Caves and Minerals of Brazil

by: Kevin Downey



Kevin is well known to our club. He has been a dealer in our mineral show and has given us several talks in the past. Kevin has been caving since the late 1960's. He soon learned that taking quality pictures of caves and their formations was extremely difficult. This resulted in his building most of his own equipment for his photography. His special interests include images from original explorations in deep caves, complex systems, large chambers, weird morphologies and devising creative lighting methods for each individual cave.

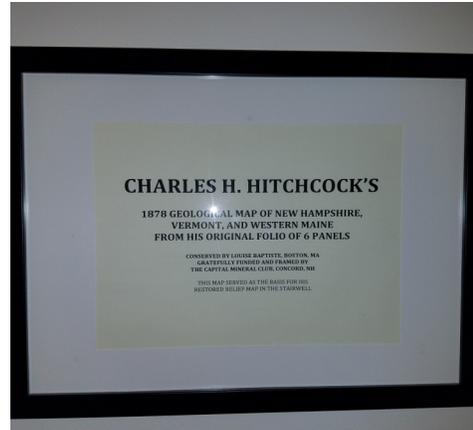
The lessons learned so far from lighting caves have become the backbone of Downey's photographic business which specializes in creative commercial advertising imagery. Kevin has collaborated with many other cave photographers and has been published in over 200 books and magazines. His most recent project was in October 2016. He was part of a team of cavers that visited over 30 Brazilian caves for an upcoming publication on the best caves in Brazil.



Not Brazil - Stalagmite formation  
Carlsbad Cavern - New Mexico  
photo by Don Dallaire



Whenever Kevin travels all over the world, he is always on the lookout for minerals. Even though this was a very busy trip visiting approximately 30 caves in six weeks he found a few minerals. His talk will focus on this trip and a few Brazilian minerals. Kevin's talks really show the beauty of the underground world.



On a recent trip to UNH to meet with Joel Johnson regarding scholarship applications from two students, I got off the elevator at the 3rd floor of the James Building and saw the Hitchcock map that the club was responsible for financing its restoration and preservation.

*Don Dallaire*

## Mineral of the month - Minerals from Brazil

Since Kevin's talk is on Brazil's caves and minerals let's bring in minerals from Brazil for members to view.

Brazilianite  
 Conselheiro Pena  
 Minas Gerais



Beryl  
 Mimosa do Sul  
 Epiro Santo

Fluorapatite/Hydroxylapatite  
 zoned crystal  
 Sapo Mine, Conselheiro Pena  
 Minas Gerais





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

**2017 Club Dues are Due, please send your membership renewals to Steffen Hermanns and make check payable to Capital Mineral Club,**

Capital Mineral Club Meetings & Events	Gem & Mineral Shows
<p><b>January 7, 2017</b>            Club Meeting: <b>2:00PM</b>            Speaker: Kevin Downey            Refreshments The Whitmore's</p>	<p><b>January 21st, 2017</b>            Boston Mineral Club Annual Auction            295 California Street, Newton, MA</p>
<p><b>February 4, 2017</b>            No Meeting Scheduled</p>	<p><b>March 4-5, 2017</b>            46th Annual Mineral, Gem &amp; Jewelry Show            Meriden, CT</p>
<p><b>March 4, 2017</b>            Club Meeting: <b>2:00PM</b>            Speaker: TBD            Refreshments: The Diver's</p>	<p><b>March 24-25, 2017</b>            Connecticut Valley Mineral Club            Mineral, Jewelry &amp; Fossil Show, Hadley, MA</p>
<p><b>April 1, 2017</b>            Club Meeting: <b>2:00PM</b>            Speaker: TBD            Refreshments: The Wilken's</p>	<p><b>June 24-25, 2017: Gilsum NH.</b>            The 53rd annual Gilsum Rock Swap &amp; Mineral Show            More than 65 dealers and swappers with gems, jewelry and minerals available for sale or trade.</p>
<p><b>May 6, 2017</b>            Club Meeting: <b>2:00PM</b>            Speaker: TBD            Refreshments: The Howd's</p>	<p><b>August 11-13, 2017</b>            East Coast Gem, Mineral, Fossil Show            Eastern States Exposition, West Springfield, MA</p> <p><b>August 26-27, 2017</b>            Capital Mineral Club Show            Everett Arena, Concord, NH</p>