



# CRYSTALS AND CABS

## Newsletter of the Capital Mineral Club Concord, New Hampshire

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May 2014

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### Capital Mineral Club News

Inside this issue:	
April Minutes	2
Identification of Minerals	3
Calendar of Events	4

**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: [steffenh@comcast.net](mailto:steffenh@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.

**The Capital Mineral Club membership meeting will be on Saturday, April 5<sup>th</sup> at 2:00 PM at the Salvation Army Building on Clinton Street in Concord, NH**

This months speakers will be Robert Whitmore and Charles Forsberg, They will be speaking on various Mineral identification methods used currently and in the past. See page 3 for more details. The **display minerals for this month** will be unidentified minerals.

Thanks to Nicholas Hadshi for bringing April's refreshments.

**We need someone to bring refreshments to this months meeting, if interested please get in touch with Gordon Jackson so we don't have everyone bring something (like that would happen) otherwise there will only be coffee.**

We will be voting on the Slate of officers listed in the April Minutes on Page 2.

Welcome Our Newest Member  
Michael Noetzel of Nashua NH

**June 7<sup>th</sup>** we will be meeting at the Jackson's in Canterbury. This will be a selling, bragging & social meeting. We will start around 10:00am. Anyone who wishes to bring any related material to GIVE – SWAP – SELL can set up. Coffee and donuts will be available. Lunch we be provided in part by the Club – Hamburgers, hotdogs ,soda, chips and condiments. If you would like something else you will have to bring it.

### 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 the minutes of the April 5<sup>th</sup>, 2014 meeting of the Capital Mineral Club. The meeting was held at the Salvation Army Building on Clinton Street in Concord, New Hampshire. The Meeting was called to order at 2:04pm, there were 36 members present plus our speaker Frank Perham.

**Meeting Minutes:** Motion made to accept the March minutes as printed in newsletter made by Natalie Undercofler, seconded by Francis Gill, passed the membership.

**Treasures Report:** Donald Dallaire presented the treasurers report. A motion made to accept by Martha Martel, seconded by Frances Gill, passed by the membership. Last year Expenses overview was read and a motion to accept was made by Martin Kipply, seconded by Tony Howd, passed by the membership

**Field Trips:** None this month

**Scholarship Committee:** Club spent \$1400 on the mounting and framing of the Hitchcock map.

**Old Business:**

**New Business:** Nominating committee represented by Larry Welker has presented the following slate of officers to be voted upon at the May meeting for 2014-2015:

President: Tony Howd

Vice President: Mike Cordero

Secretary: Ellen Oberkotter,

Auditor: Jim Reynolds

Director: Douglas Peck.

Tony Howd discussed the video project for club and show promotion.

**New Memberships:** Michael Noetzel of Nashua NH. Steffen Hermanns recommends to approval of the membership, motion was made to accept made by Martha Martel, seconded by Pat Barker, passed by the membership

**Door Prizes:** Donated by Jim Prentiss, Pat Barker, Peter Cram. Won by Don Dallaire, Jim Prentiss, Marlene York, Gary Bono, Kathy Welker, Pat Barker, Carlos Gristani, Nicholas Hadshi, Larry Welker, Robert Whitmore, Martin Kippley, and Ellen Oberkotter

Frank Perham gave his presentation on Oxford County Maine minerals and mining before the business meeting.

Adjourned Meeting at 3:58pm

Respectfully submitted  
Steffen Hermanns  
Secretary

**Capital Mineral Club  
Concord, New Hampshire**

Capital Mineral Club  
Syllabus for May 3<sup>rd</sup> Meeting

Bob Whitmore and Charlie Forsberg propose to demonstrate basic mineral identification and the tools commonly used for such.

Just what is a mineral?

“A mineral is a naturally occurring substance that is solid and stable at room temperature.” [Wikipedia]

This seems a simple and complete statement, but if we review such definition from Dana's Manual of Mineralogy (1952) we need to expand the understanding by physical and chemical properties. Dana says that a mineral is “a naturally occurring chemical element or compound found as a product of inorganic processes.

Let's put it simply: A mineral is what you find and where you find it that has unique, attractive and attentive properties to hold one's fascination with the chemical and physical processes that occur, or have occurred, within the mantle and crust of the earth.

A paradigm in this order perhaps:

1. COLOR & TRANSPARENCY: Actual and refracted light, and transmitted light.
  2. LUSTER: The appearance of the surface of a mineral from reflected light.
  3. HARDNESS: Some basic tools and the distinction of a scratch versus a mark.
  4. STREAK: Using typical ceramic plates to determine the color of instant fine particles.
  5. SPECIFIC GRAVITY: Use of scales and some unique problems with small minerals.
  7. CRYSTALIZATION – FORM: Basic forms and terminology of crystal habits.
  8. CHEMICAL PROPERTIES: Bob will bring some blow-pipe apparatus to perhaps demonstrate.
  9. FLUORESCENCE: Use of the long wave and short wave ultraviolet lamps.
  10. Tools of the mineralogist as typically used. Members might bring their preferred tools to include Geiger counters, metal detectors, polarizing microscope,
- We might divide those tools into two groups: There are those things used in the field, and those used in the shop.

CPF



Steffen Hermanns

Editor

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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)

### Capital Mineral Club Meetings & Events

**MAY 3, 2014**

Club Meeting:

**2:00PM**

Speaker:

Robert Whitmore & Charles Forsberg  
Mineral Identification

Refreshments

We have no refreshment person for May if  
Anybody wants to bring something please  
Contact Gordon Jackson to coordinate.

**JUNE 7, 2014**

Club Meeting:

Gordon Jacksons House **10:00AM**

Refreshments

Hamburg's, Dogs, Condiments, Chips and  
Soda will be provided by the club if you want  
something else bring it

### Gem & Mineral Shows

**May 9-11 2014: NEWERY, ME: 2nd Annual New England  
Mineral Conference;** Summit Resort Hotel & Conference

Center at Sunday River, Newery, ME

[www.nemineralconference.org](http://www.nemineralconference.org)

Contact Ray Sprague [rasprague@mac.com](mailto:rasprague@mac.com)

**June 28-29—GILSUM, NH. Gilsum Rock Swap & Mineral  
Show,** Gilsum Elementary School grounds, Rt. 10. Info—Rob  
Mitchell, 603/357-9636, or [gilsumrocks@gmail.com](mailto:gilsumrocks@gmail.com).

**August 23-24 2014: CONCORD, NH: 51th Annual Gem,  
Mineral and Jewelry Festival** Capital Mineral Club, Everett  
Arena, Concord, NH, Sat 9am to 5pm, Sun 10am to 4pm,  
[www.capitalmineralclub.org](http://www.capitalmineralclub.org), [steffenh@capitalmineralclub.org](mailto:steffenh@capitalmineralclub.org)