



CRYSTALS AND CABS

Newsletter of the Capital Mineral Club Concord, New Hampshire

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April 2014

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Capital Mineral Club News

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Editors Note:

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

- My e-mail address:
steffenh@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.

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

This months speaker will be Frank Perham, Frank will be speaking on one or more of his numerous mineral experiences over the years. Frank is well known to most New England mineral enthusiasts and those who do not know of him are likely new to minerals or have spent too much time under a rock instead of collecting.

The **display minerals for this month** should be from OXFORD CO., MAINE and or items from Perham's Mineral Store.

Refreshments will be provided by Nicholas Hadshi
 Thanks to Natilie Undercofler for bringing March's refreshments
 We are looking for someone to provide **May's refreshments**.

AND We are still looking for a Refreshment Chairperson. See page 2 for details

June 7th 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: 3rd Tuesday of each month at the Tin Mt. Conservation Center, Albany, NH – 7:00 PM
www.sacovalleygmc.com

Keene: 1st Saturday of each month at Keene State College, Science Bldg. Room SCIC 126, Keene, NH – 7:00 PM
keenemineralclub.50webs.com

North Shore (MA): 3rd Friday of each month, Hamilton Wenham Community House, 284 Bay Rd, South Hamilton, MA – 7:45 PM

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

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

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



These are the minutes of the March 1st, 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 2:02pm, there were 22 members present plus our speaker Bob Fendrich.

Meeting Minutes: Motion made to accept the December minutes as printed in newsletter made by Gary Bono, seconded by Bill Adams, passed the membership.

Treasures Report: Tabled until April Meeting

Field Trips: None this month

Scholarship Committee: Nothing new.

Old Business: Charlie still has some scales and little lights and microscopes. Wants to sell more at this years show or if anyone from the club want any more.

New Business: Need two members to form a nominating committee.

New Memberships: Suzette Pepin, Samuel Pepin and Matthew Pepin, Steffen Hermanns recommended the memberships, Natalie Undercofler made a motion and seconded by Mike Cordero, passed membership.

Door Prizes: Donated by Mike Undercofler. Won by Bill Brown, Larry Welker, Terry Crowell, Kathy Welker and Mike Cordero

Bob Fendrich gave his presentation on Fluorescent Minerals from Langban, Sweden.
Adjourned Meeting at 3:40pm

Respectfully submitted
Steffen Hermanns
Secretary

**Capital Mineral Club
Concord, New Hampshire**

We are still looking for a **Refreshment Chairperson**. I have provided some guidelines that the individual would follow.

Supply cabinet. Check to see that there will be enough for the next meeting(s)

8 oz coffee cups	Decafe coffee bags
8 oz cold cupsCoffee (large Folgers)	Napkins
Sugar packets – regular – substitute (sweet & low)	Dessert plates
Coffee stirs	Assorted tea bags

An **early arriving member** should start the coffee (30 cups) and hot water for tea & decafe coffee.

Monthly **refreshment person** Provide; (Estimate 35 people)

Drink:	Food:
1 plus gallons of beverage i.e.	1 lb diced cheeses, 2 boxes crackers, 1 lb nuts
2 liter diet coke	Pastries i.e. 2 items per person
2 liter coke	(<u>your choice</u>)dip (carrots, celery,etc.)
Half & Half, pint for coffee	Donut holes; brownies; cookies; pastry; finger vegetables
1/2 gallon cider	

Provide an expense form to the treasurer for reimbursement, this should generally be less than \$50.00 unless asked to restock item for the supply cabinet..

The **Refreshment Chairperson** along with keeping an eye on the supply cabinet items would also help the **refreshment person** if a problem develops. Oh yes one other duty, try to keep this page as up to date as possible.

Speaker for April Frank Perham



Frank will be speaking on one or more of his numerous mineral experiences over the years. Frank is well known to most New England mineral enthusiasts and those who do not know of him are likely new to minerals or have spent too much time under a rock instead of collecting.

Frank obtained a BS in Geological Science from Bates College in Maine and has over 45 years of mining and collecting in Maine's pegmatites. He comes from a family that was immersed in mining and minerals. Frank's father Stanley Perham was involved in feldspar mining and mineral specimens and the famous Perham's Maine Mineral store in West Paris. Frank's many years of working in these pegmatites has enabled him to "read" a pegmatite to find many mineral treasures. In the 1970's he was hired by Plumbago Mining to mine the Dunton Quarry in Newry with most of the incredible tourmaline crystals that were found were extracted by him for the mine owners. Frank still mines actively with his partner Barry Heath and several "assistants" in the summer months. His favorite specimens are not the usual "eye candy" most collectors prefer but those unusual specimens that make you wonder how Mother Nature came up with this mineral oddity. In fact one could write a book on Frank and that is currently in process.

The club program will be a treat for all those who attend.



Perhamite $(Ca,Sr)_3Al_{7.7}Si_3P_4O_{23.5}(OH)_{14.1} \cdot 8H_2O$

A Calcium aluminum silico-phosphate
New mineral described in 1977 by P. Dunn
& D. Appleman and named after Frank Perham.

Hexagonal crystal, colorless, white to light brown often forming in globular clusters or rosettes. Crystals have a hardness of 5 with perfect cleavage

Crystal pictured is 6.4mm across mined by Frank Perham and Barry Heath from Ski Pike Quarry, Cobble Hill, West Paris, Oxford County, Maine.

Don Dallaire Specimen & photo.

Museum of the White Mountains

The Museum of the White Mountains at Plymouth State University had a private preview of their new exhibition “*Beyond Granite: The Geology of Adventure*”. The preview was attended by CMC members Gordon and Pam Jackson, Don & Kathy Dallaire and Pat Barker. The exhibition centers on three areas: 1. Rock climbing, 2. Hiking White Mountain Geology and the Appalachian Trail and 3. Winter activities in the White Mountains. The display includes historical and modern gear used in the White Mountains for hiking, rock climbing, skiing, etc.

Of particular note is the 1877 Hitchcock New Hampshire Geological Map for which the club funded the restoration and framing. A plaque denoting this is on the wall describing the map.

In front of the map on a display table are many rock specimens that attendees can touch and examine.

This is unique in the way identification tags were directly attached to the specimen so they remain with the specimen even when being handled. In addition there was a case displaying mineral specimens from the White Mountains including smoky quartz, microcline, topaz, fluorite and other specimens provided to the display by club members Gordon Jackson, Bob Whitmore and Don Dallaire.



Hitchcock 1877 map with rock samples in front that can be handled by museum visitors



Part of mineral display

Another very interesting feature is an interactive computer display of three regions of the White Mountains: Franconia Ridge, Cannon Cliff and Tuckerman and Huntington Ravines on Mt. Washington. With this display you can zoom in on any area in these regions and see fantastic detail. There are points on the display that with a mere touch on the screen will zoom in automatically and a window opens describing the geological feature. This is cutting edge technology.

The display will be at the museum from March 15, 2014 through March 8, 2015. If you are in the area I would suggest you drop by to see the exhibit.



Display of ice climbing equipment



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

2014 Club Dues are Due, please send your membership renewals to Steffen Hermanns and make the check payable to Capital Mineral Club, Dues are \$10.00 per member

Capital Mineral Club Meetings & Events

APRIL 5, 2014

Club Meeting: **2:00PM**
Speaker: Frank Perham Minerals of Oxford County, Maine
Refreshments Nicholas Hadshi

MAY 3, 2014

Club Meeting: **2:00PM**
Speaker: Robert Whitmore & Charles Forsberg Mineral Identification
Refreshments TBD

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

April 12-13 2014: DOVER, NH: Southeastern NH Mineral Club; Verteran's Community Center, 156 Backwater Road, Dover, NH www.senhmc.org

April 19-20 2014: STANDISH, ME: 31st Annual Maine Mineralogical and Geological Society Gem, Mineral and Jewelry Show; Saint Joseph's College of Maine Alford Center, 278 Whites Bridge Road, Standish, ME, www.mainemineralclub.org

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
Contact Ray Sprague 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.

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, steffenh@capitalmineralclub.org