



# CRYSTALS AND CABS

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

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November 2013

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### Capital Mineral Club News

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The Capital Mineral Club membership meeting will be on Saturday, November 2<sup>nd</sup> at 2:00 PM at The Salvation Army Building, Concord, NH.  
 Thank you to Pam & Gordon Jackson for providing refreshments for the October meeting.

This months Speaker is Ken Carlsen. Ken will give a presentation on The Quarries near Eden Mills, Vermont.

This Months Refreshments will be provided by Charles Forsberg.

#### Welcome New Members

James R. Prentiss, Manchester, NH  
 Jarrod Taylor, Center Harbor, NH  
 Karla Roth, Warren, NH  
 Nicholas Hadshi, Concord, NH

#### 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:  
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- 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.

**All the logins for the Members area have changed, Please contact Steffen Hermanns for your new login information if you did not get it already.**  
[steffenh@comcast.net](mailto:steffenh@comcast.net)

### 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 October 5<sup>th</sup>, 2013 meeting of the Capital Mineral Club. The meeting was held at the Salvation Army Building on Clinton Street in Concord, New Hampshire. Called to order at 2:05pm by President Gordon Jackson, there were 21 members present and the speaker Robert Vellieux and his wife Nan .

**Meeting Minutes:** Motion made to accept September minutes as printed in newsletter subject to correction, made by Bill Burroughs, seconded by Martha Martel, passed the membership.

**Treasures Report:** Donald Dallaire read the treasures reports for September. A motion was made to accept subject to audit by Bill Burroughs, seconded by Gary Bono, passed the membership.

**Show Financial Report:** Donald Dallaire read the Show financial report of income and expenses. A motion was made to accept subject to audit by Bob McLaughlin, seconded by Barbara McLaughlin, passed the membership.

**Field Trips:** Havey Mine trip put together by Donald Dallaire was a successful trip with about 15 members attending.

**Scholarship Committee:** Don reported on progress to the NH map.

**Old Business:** Projection screen was approved and purchased for \$319.

**New Business:** Show chairman report tabled until November meeting; Charlies show report; Martha Martel brought in typical sale stuff available to club members, Board meeting coming up to discuss trips and sales of items at club meetings. Don Dallaire brought up buying a projector for the club estimated cost \$600-700 Motion made by Bob McLaughlin to spend up to \$1000, seconded by Bill Burroughs.

**New Memberships:** Jim Prentiss Manchester, NH; Priscilla Moody-Eastman Campton, NH; DeWitt Shank Lewisburg, WV.

**Door Prizes:** Donated by Mike Undercofler, Pat Barker, Carlos Gristani, Martha Martel and Jim Prentiss; Won by Charlie Forsberg, Edna Whitmore, Martha Martel, Bill Burroughs, Bob McLaughlin, Pat Barker, Jim Prentiss, Tony Howd

Robert Vellieux gave his presentation on Meteorites, Rocks from Space before the business meeting.  
MEETING ADJOURNED at 4:00PM.

Respectfully submitted  
Steffen Hermanns  
Secretary

**Capital Mineral Club  
Concord, New Hampshire**

## Update on project to donate book to high schools.

The club's project to distribute The Geology of New Hampshire's White Mountains has been completed. At the meeting of Governor and Council on October 16, 2013, in conjunction with National Earth Science Week, Gordon Jackson and Don Dallaire presented a copy of *The Geology of New Hampshire's White Mountains* to Governor Maggie Hassan. The presentation also informed her of our distribution of this book to all (92) public school libraries in the state. This donation was well received by the Governor and all those attending.



The books went out in the mail that afternoon and with most libraries receiving them by Friday. A letter received Saturday from the Moultonborough Academy Library Media Specialist says it all. "Thank you so much for your generous donation of *The Geology of New Hampshire's White Mountains*. I have added the book to the collection and it immediately was checked out by one of our science teachers who was very excited at the prospect of reading it over the weekend. We have in the past had a student pursue a PhD in geology based on his interests developed during his 8<sup>th</sup> grade science class. This book will be a wonderful addition to support 8<sup>th</sup> grade science's geology unit and I hope that it will peak students' interests in geology in particular and sciences in general." The presentation to the Governor was arranged by Rick Chorman, State Geologist and Director of the New Hampshire Geological Survey and Lee Wilder, Public Outreach Coordinator of the New Hampshire Geological Survey through their boss the Commissioner of the Department of Environmental Services – Tom Burack.. Our thanks for their assistance in helping us make this presentation.

## Update on restoration of Hitchcock 1877 Geological Map of New Hampshire.

On September 23<sup>rd</sup> Wally Bothner, Professor emeritus at the University of New Hampshire spent an hour or so with Louise Baptiste, the paper conservator doing the restoration in her Charles Street studio in Boston, Massachusetts.

### He reported:

She has made good progress but we're looking at a few more months before it's all put back together. There are several other restorations she is working on concurrently and the process takes time. The canvas back is off the map, and one panel has had the adhesive removed - what a difference that makes. The cracks/tears resulting from the additional edging when the map was originally mounted on the map roller will be repaired such that I doubt we'll ever know they were there. When cleaned, the panels will be joined on special acid free (rice?) paper that will make it flexible and mountable.

She'll get an estimate from the Harvard photo lab to have it photographed digitally so we can compare prices with other vendors. They apparently have a large format system.\* Sometime early in the New Year, we will want to have Catherine's input as far as remounting for the Museum of the White Mountains, and how best to acknowledge the Mineral Club's efforts.

Great project and fun to be part of it,

\*It should be noted that Kevin Downey has offered to make a digital copy at no cost and he is a professional photographer with the equipment needed to make a digital copy. The advantage of a digital copy is that the map information is preserved and a full size print could be made to display at other locations limiting possible damage in transporting the map.

## President's message

Below is the **REFRESHMENT SIGN UP SHEET** look it over and if you can help give me a call (783-4493) or email ([gsj8544@aol.com](mailto:gsj8544@aol.com)). I will also have the sheet at the November meeting. In case you are worried you might forget you will be reminded in the newsletter.

**If you are unable to make the meeting you have refreshment duty make arrangements with someone else to bring refreshments.**

**DECEMBER GET TOGETHER, Dec 7, 2013**

**Pot luck chairman**

**Collecting award chairman**

**JANUARY 4, 2014**

**FEBRUARY 1, 2014**

**VOTE TO HOLD**

**MARCH 1, 2014**

**APRIL 5, 2014**

**MAY 3, 2014**

**(ANNUAL MEETING)**

**JUNE, JULY & AUGUST, NO MEETING**

**AUGUST 22, 2014 (Festival set up – HELP)**

**AUGUST 23 & 24, 2014 (Festival - Enjoy – MORE HELP)**

**SEPTEMBER 6, 2014**

We have been looking for someone to be **REFRESHMENT CHAIRMAN**. This would involve making sure the refreshment sign-up sheet is up to date; that there will be supplies available i.e. coffee, cups etc. (the monthly refreshment person would get the needed supplies); essentially making sure the refreshment end of the meeting goes smoothly. – This is an opportunity to make sure the refreshment person brings your favorite snack.

**VOTE** – At the October meeting we voted to purchase a LCD projector up to a cost of \$1000.00. Our By-Laws require the members be warned by this Newsletter and a second vote be taken. We have since researched what is available and recommend a wireless, three led, state of the art projector on sale for \$599.00 (sale ended 10/19/2013). Steffen did the research and I authorized him to purchase the projector which we will have at the meeting. I am hoping you will vote the \$1000.00 again so we can save the Club \$300.00 and not have to return the projector.

**DECEMBER MEETING** – A sign-up sheet and information sheet for the December meeting are included, look it over and if you can help give me a call (783-4493) or email ([gsj8544@aol.com](mailto:gsj8544@aol.com)). I will also be passing around the sheet at the November meeting.

**Start cleaning your mineral, faceted stone etc. for the VINCENT L. VALADE AWARDS!!**

## Field Trip to the Havey Mine, Auburn, Maine

### September 28, 2013



Members leveling a 4 foot pile searching for and finding elbaite

At 9:00AM September 28th 10 members of the Capital Mineral Club met at Dunkin' Donuts at exit 75 off of Route 95 in Auburn, Maine. After loading up on carbohydrates the caravan proceeded to the Havey Mine. Jeff Morrison explained the collecting rules and everyone went to work. Members found elbaite of a typical Havey green as well as fluorapatite and likely other minerals as soon as the micromounters can get to their microscopes.



Taking a break from digging



Digging relentlessly and what is in those buckets?

As everyone was searching for minerals Jeff Morrison began working the pocket area with an air hammer. Lo and behold two pockets were opened containing elbaite with approximately 15% gem material. Members got to see a real gem pocket but could only look. This is what pays the bills.



Collector's rule # 437  
You have to find it before you can facet it!



Hey Jeff, can I borrow that yellow CAT?



Gem elbaite section in place

**A good time was had by all!!**

**Talk for November 2, 2013**  
**The Quarries near Eden Mills, Vermont**  
**Presented by: Ken Carlsen**



View of mine after closure

Noteable minerals found at the locality are:

grossular, a calcium aluminum silicate member of the garnet group.

vesuvianite, a calcium aluminum silicate with magnesium, boron and other elements

epidote, a calcium aluminum silicate with iron

diopside, a calcium magnesium silicate

Many other minerals are found there including titanite, magnetite, chlinochlore, calcite and yes even minor amounts of fluorapatite.

The mine was an asbestos mine but asbestos is not a mineral per se it is a form hence the term asbestosform that indicates the fibrous habit a mineral can take. The mineral mined was chrysotile a magnesium silicate member of the serpentine group.

For those who want to be precise in the labeling of their minerals, what is the proper name for this famous locality? Is it Eden Mills, Belvedere Mine, Lowell Mine, or the VAG Mine? Is the mine in Lowell County or Orleans County? Come to the meeting and get the facts on this world famous location.

For those of you who do not know Ken, he resides near Bennington, Vermont and taught high school science there until he retired. Since he loved minerals he incorporated mineral topics into his curriculum to expand his students' knowledge and promote an often omitted topic in high school. He also was a mineral dealer and participated in our show when it was located at Mt. Sunapee State Park and he has continued to put in displays at our show. Ken has spent many years accumulating specimens and knowledge on the largest asbestos quarry in the United States and co-authored an article in the book *American Mineral Treasures* published by Lithographie, LLC in 2008 in connection with the American Mineral Treasures theme at the Tucson Mineral show that year.



Chrysotile specimen

Grossular specimen



## 19<sup>th</sup> ANNUAL VINCENT L. VALADE (12/7/2013) FIELD COLLECTING & CREATIVE LAPIDARY AWARDS

Eleven Award Categories

### BEST FIELD COLLECTING

1. BEST NEW HAMPSHIRE
2. BEST NEW ENGLAND
3. BEST OUTSIDE NEW ENGLAND
4. MICROMOUNT
5. **BEST OF SHOW, MINERAL**

### BEST CREATIVE LAPIDARY

6. BEST FACETED, SMALL (10mm or less)
7. BEST FACETED, MEDIUM (11mm to 20mm)
8. BEST FACETED, LARGE (21mm or greater)
9. BEST CABOCHON
10. BEST JEWELRY
11. **BEST OF SHOW, LAPIDARY**

### RULES

1. Must have been a Club member for the **past year** to enter.
  2. All entries must be **self-collected** or **self-produced** during the past year. Labeling shall not contain the owner's name.
  3. Only **two entries** per person per category. However, we encourage you to bring additional pieces to the meeting.
  4. For **micromounts** only one entry with collector supplied microscope and light.
- Only **Club members present** at the December meeting are eligible to enter and vote.

### COMMENTS

The Creative Lapidary category will be set up by one individual, named in the November newsletter, who should be contacted by the participants prior to the meeting. Voting slips will be provided and the entries marked by number and category. Your "best of show" vote will most likely be a repeat of one of your choices. Winners from each category will receive an **engraved label** for their specimen and have their **names mentioned** in the January Newsletter. The Best of Show winners will also receive **engraved plaques** and a **Club sweat shirt** with the year embossed. The plaques are theirs to keep and display until next year's contest when new winners will be chosen and will keep the plaques until the next contest. This allows a history of winners to develop as the years go by. It is your chance to see the best of this past year and hear the stories behind the finds or creations.

These Awards were set up and started December 1995 by Vince Valade. In 2006, categories 9, cabochon and 10, Jewelry were re-fined. Starting in 2007 a new category 4, Micromount and category 7 and 8, redefining Best Faceted was added as well as all winners are to receive an engraved label. At the November 2007 Club meeting the contest was voted to be known as the "Vincent L. Valade Field Collecting & Creative Lapidary Awards".

### PAST WINNERS

#### BEST OF SHOW FIELD COLLECTING WINNERS

1995 Vince Valade, Beryl, Golden Beryl Loc.  
 1996 Steffen Hermanns, Grossular, Eden Mills  
 1997 Bill & Mary Finney, Beryl, Palermo No. 2  
 1998 John McCrory, Magnetite, Eden Mills  
 1999 Ernie Schlichter, Barite, Grand Jct., CO  
 2000 Robert Whitmore, Epidote, Eden Mills  
 2001 James Tovey, Amethyst, Hopkinton, RI  
 2002 Dana Jewell, Fluorapatite, Palermo No. 1  
 2003 John McCrory, Garnet/Diopside., Orford, Quebec  
 2004 James Tovey, Beryl, Tripp Mine, Alstead  
 2005 Bill Brown, Pritized Cephalopoda, Alden, NY  
 2006 Robert York, Calcite in Clam, Ft. Drum, Florida  
 2007 Scott Higgins, Triphylite, Palermo No. 2  
 2008 James S. Tovey, Calcite, Walworth Quarry, NY  
 2009 James S. Tovey, Beryl, Tripp Mine, Alstead, NH  
 2010 Gordon Jackson, Smoky/ Microcline, Teller Co, CO  
 2011 Carlos Gristani, Copper, Central Explor, Michigan  
 2012

#### BEST OF SHOW CREATIVE LAPIDARY WINNERS

Bill Brown, 23.70 Ct Fac. Bolivian Amethyst  
 Bill Brown, 69.45 Ct Fac. S. American Amethyst  
 Bill Brown, 5.72 Ct Fac. Nigerian Aquamarine  
 Bill Brown, 3.5 Ct Fac. Palermo Gold Beryl (HT)  
 Bill Brown, 22.60 Ct Fac. Mt St Helens Obsidianite  
 Bill Brown, 24.60 Ct Fac. Mt St Helens Obsidianite  
 Bill Brown, 10.30 Ct Faceted Brazilian Citrine  
 Bill Brown, 22.10 Ct Faceted Pink Sapphire  
 Bill Brown, 26.80 Ct Faceted Pink Star Sapphire  
 Brian Bissonette, 25.70 Ct Fac. Pink Syn. Garnet  
 Bill Brown, 24.45 Ct Faceted Spider in Obsidianite  
 Bill Brown, 62.65 Ct. Brazilian Quartz with Butterfly  
 Bill Brown, 388.30 Ct. NH Smoky Quartz  
 Bill Brown 85.30 Ct. Labradorite, Mexico  
 James S. Tovey, 30.7 Ct. Smoky Quartz, NH  
 James S. Tovey, 12.60 Ct. Green Amethyst  
 Larry Welker, 2.15 Ct. Morganite, Brazil



## DECEMBER 7, 2013 YEAR END GET TOGETHER

SALVATION ARMY, CLINTON STREET, CONCORD, NH

12:00 - 12:30 **BEGIN**, organize

12:30 - 1:30 **SOCIALIZE**, setup, prepare dinner and relax, have fun!!!!

1:00 - 1:30 **VOTE** on the collecting and Lapidary awards

1:30 - 2:45 **EAT** all the good, and I mean good, food that everyone brings

3:00ish **YANKEE SWAP** - good fun

4:30ish **SOCIALIZE**, PICK UP, LEAVE

### **DRIVE SAFELY AND HAVE A GREAT HOLIDAY!**

**BRING** DINNER, DESSERT, AND SALAD PLATES; CUP/MUG & SAUCER, UTENSILS, NAPKINS, SALT & PEPPER, POT-LUCK SPECIALTY & SERVING UTENSILS, HOLIDAY CENTER PIECE IF DESIRED. PLASTIC BAG FOR TAKING HOME DIRTY OR WET DISHES ETC. AND A BIG SMILE.

**THE YANKEE SWAP** Bring a gift of at least \$5.00-\$10.00 value to do with the hobby, gift wrapped. Each participant is given a numbered ticket. You then chose your gift when your number is called. Before you open your gift you can swap with any member called before you. You can not go back to swap your gift once you have passed a person. The first person called, can at the end of the swap, swap with any other. The club adds a mystery gift to a lucky participant. Come and enjoy lots of fun and nice gifts.

**DISPLAYS** If you can, bring a display of your summers acquisitions. The object is not to show the best, but to stimulate some conversation and make for good socializing. This is separate from the annual "Best Field Collecting Award" & "Best Creative Lapidary Award". Suggested topics might be:

**"THINGS I HAVE COLLECTED THIS YEAR"**

**"THINGS I HAVE CLEANED OR TRIMMED FROM LAST 10 YEARS" "ACQUIRED THIS YEAR" "MINERALS OF MT. PARADISE"**

**"MY CHILDHOOD COLLECTION FROM 80 YEARS AGO"**

### **SIGN UP!!! COME!!!**

If you have not signed up for a food item or want to know more about the December meeting you can call me Gordon Jackson at (603) 783-4493 or e-mail [gsj8544@aol.com](mailto:gsj8544@aol.com). Please RSVP if you can. Let's have a good turn out!!

### **SEE YOU THIS DECEMBER 7th !!!!**



Steffen Hermanns

Editor

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Loudon, NH 03307

Keep on **ROCKIN'** in the Free World

Email: [steffenh@comcast.net](mailto:steffenh@comcast.net)

WE'RE ON THE WEB  
[WWW.CAPITALMINERALCLUB.ORG](http://WWW.CAPITALMINERALCLUB.ORG)

**Capital Mineral Club Meetings & Events**

**NOVEMBER 2, 2013**

Club Meeting: **2:00PM**  
Speaker: Ken Carlson The Quarries near Eden Mills, Vermont

Refreshments Charles Forsberg

**DECEMBER 7, 2013**

Holiday Party: **12:00PM**

**JANUARY 4, 2014**

Club Meeting: **2:00PM**  
Speaker: TBD  
Refreshments TBD

**FEBRUARY 1, 2014**

Club Meeting: **2:00PM**  
Speaker: TBD  
Refreshments TBD

**MARCH 1, 2014**

Club Meeting: **2:00PM**  
Speaker: TBD  
Refreshments

**Gem & Mineral Shows**

**November 2-3 2013: BREWER, ME: 9th Annual Rock and Gem Show** Penobscot Mineral & Lapidary Club; Brewer Auditorium; 203 State St.; Sat. 10-5, Sun. 10-4; adults \$2, children (under 12) free; rocks, minerals, gemstones, beads, silver and gold jewelry, Maine minerals, door prizes, silent auctions; contact (207) 866-2546; e-mail: [jameshwhite@myfairpoint.net](mailto:jameshwhite@myfairpoint.net); Web site: [www.penobscotminerallapidaryclub.com/](http://www.penobscotminerallapidaryclub.com/)

**November 9-10 2013: NY,NY: New York Mineralogical Society;** Holiday Inn Midtown; 440 W. 57th St., between 9th Ave. and 10th Ave.; Sat. 10-6, Sun. 11-5; adults \$6, children (under 12) free with adult; retail and wholesale dealers, minerals, fossils, jewelry, gems, crystals, beads, findings, door prizes, lectures; contact Tony Nikischer, (434) 964-0875; e-mail: [www.excaliburmineral.com](http://www.excaliburmineral.com)

**February 15-16 2014: ALBANY, NY: Capital District Mineral Club;** New York State Museum; Empire Plaza, 260 Madison Ave.; Daily 10-5; adults \$5, children free; guided museum mineral gallery tours; contact Michael Hawkins, (518) 486-2011; e-mail: [hawkins@mail.nysed.gov](mailto:hawkins@mail.nysed.gov)

**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)