



CRYSTALS AND CABS

Newsletter of the Capital Mineral Club
Concord, New Hampshire

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May 2016

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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:
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.

The Capital Mineral Club membership meeting will be on Saturday, May 14th at 2:00 PM at The Salvation Army Building, Concord, NH.

Thank you to Natalie Undercofler for providing refreshments last month.

This month's speaker will be Kevin Downey. He is well known to most of our club members. He is a dealer in our mineral show and has given us several talks in the past. He is an accomplished explorer of caves around the world in addition to being an avid mineral collector.

For his "day job" he is a professional photographer.

This months refreshments will be provided by the Howds.

2016 Club dues are due, please send your membership renewals to Steffen Hermanns. Make check payable: Capital Mineral Club . Dues are \$10.00 per member.

Welcome New Members

**Danielle, Steven, Emilie and Quinton Pray, Amherst, NH
Lorien and Adam Green, Nashua, NH
Billie Brockhum and Terrance McQueeney, West Lebanon, NH**

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



The April meeting of the Capital Mineral Club was held on April 2nd at the Salvation Army building in Concord New Hampshire. Meeting began at 2:00 sharp. Secretary's report accepted. Treasurer's report read and accepted. It was mentioned that there would be a silent auction during the meeting, and also that there were multiple boxes of free mineral specimens available, as well as a free working printer.

Old business- Charlie updated us on the progress of choosing field trips. He talked through several of the possible location that he had found in the book. Gordon offered to guide up to eight people at a time on collecting trips to Moat, and Bob York volunteered as well. June is a good month - Gordon will send out an email with a week's notice. Palermo is an opportunity, most likely in September. Waisanen and Tannimen Quarries are possibilities. Rock of Ages is a good educational trip, but there is no collecting. Jon Herndon's mine in Ossipee is a great place - Jon is very welcoming to collectors, and has provided us with a couple of dates that we can join in with other clubs if we like, but he is also open to us making separate arrangements. Chickering Mine requires permission from the Boy Scouts, and is open for authorised club trips only. Charlie will pick dates for Hoyt Hill and for Waisanen.

New business- Our membership application seems a bit cumbersome, and the board is proposing a rule change that would allow an applicant to become a member one day after we receive their application and dues. We will have to vote on this in the future, as it is an amendment to the bylaws and has to be introduced and pondered.

Don talked about the Maine Mineral Conference, and mentioned that their meeting is held on the same day as our annual meeting. He suggested moving it to the 14th of May. Voted and approved. The June 11th meeting with barbecue and auction will be at Gordon's house.

Marlene York made mention that a microphone would help at the meetings, as it is often hard for those in the back to hear. Our attendance is growing, and it does seem to increase the ambient noise, making it hard to hear.

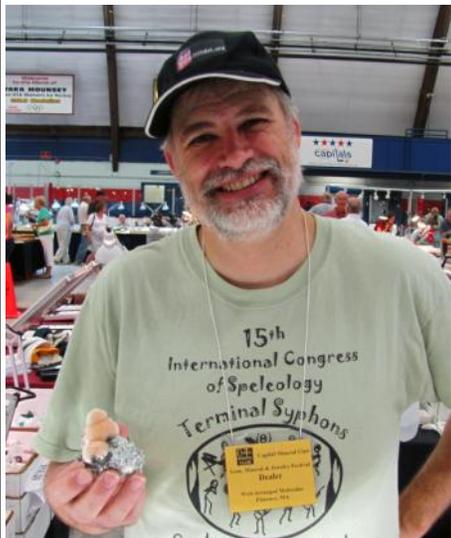
New members were introduced and accepted. Many door prizes were awarded, most of them donated by Terry and Pat.

After a short break, our speaker Carl Francis was introduced. Carl was the curator of the mineral collection at Harvard University for thirty years, and like many people, seemed unable to completely retire, so is now curator at MMGM. He gave a talk entitled "Minerals of the Lovell-Stoneham-Stow Pegmatites." Meeting adjourned at 4:14.

Respectfully submitted
Ellen Oberkotter
Secretary

May Presentation Minerals of Boyacá and Santander Colombia.

by: *Kevin Downey*



Kevin is well known to most of our club members. He is a dealer in our mineral show and has given us several talks in the past. He is an accomplished explorer of caves around the world in addition to being an avid mineral collector. For his “day job” he is a professional photographer.



Above: Kevin at our mineral show smiling after a I spent some money

Above: Map of Columbia showing departments with Boyacá and Santander above the capital city of Bogata

Boyacá is well known as an emerald producing area but many other minerals occur there including fine pink fluorapatite crystals.

In the past few years the Peñas Blancas Mine area has produced some of the finest quartz crystals known. They have superb clarity and exhibit a large number of unusual habits including the Muzo habit named after the famous Muzo emerald mine. Santander is also known for fine quartz crystals and crystal groups . Come to the meeting to learn more about this famous mineral location. The mineral of the month is Columbian minerals.



Above: Quartz crystal group from Santander
Left: Fluorapatite from Boyacá

NEMC 2016

4TH

NEW ENGLAND MINERAL CONFERENCE



MAY 6-8, 2016

GRAND SUMMIT RESORT HOTEL &
CONFERENCE CENTER
AT SUNDAY RIVER
NEWRY, ME

LECTURES & PRESENTATIONS
DISPLAYS & EXHIBITS
EDUCATION DAY
DEALERS & MINERS
AUCTIONS (CONFERENCE SUPPORT)
FIELD TRIP

The 4th Annual New England Mineral Conference (NEMC) is reaching out to everyone in New England interested in Mineralogy/Geology! The primary goal of the Conference is to showcase the diverse wealth of New England minerals and those that study, mine and collect them. We also hope you will join us as we collaborate with and visit the *New Maine Mineral & Gem Museum (MMGM)* in nearby Bethel, Maine, which is also co-sponsoring our NEMC Education Day.



Citrine/White/Smoky Quartz Crystals
Emmons Quarry, Greenwood, Maine

Front Photo: Clockwise

Rock drill bit in tree root - Emmons Quarry, ME.
2 unused drill bits, Emmons Quarry, ME.
2 used drill bits, Bennett Quarry, ME.
End of drill steel, broken off bit, Mount Apatite, ME.
Hand-made wooden drill hole bung, with fuse hole through the center, Emmons Quarry, ME.

www.nemineralconference.org
info@nemineralconference.org

 Like New England Mineral Association

New England Mineral Conference
P. O. Box 33
East Poland, ME 04230

The May CMC meeting is being moved to May 14, 2016 because of the date conflict with the New England Mineral Conference. The move will give members the opportunity to attend this event. Speakers include Joe Dorris of the Prospector's TV program who will give a presentation on mining the Smoky Hawk claim in Florissant, Colorado.

Other talks include:

Ken Carlsen & Woodrow Thompson - "Belvidere Mountain Asbestos Quarries, Lowell/Eden, VT"

Steve Chamberlain - "The black tourmaline locality at Pierrepont, NY"

Dennis Durgin - "The Durgin Quarry, Mt. Marie, Paris, Maine"

Frank C. Perham - "Maine Pegmatite Mining Musings"

Plus much more including preview tours of the Maine Mineral & Gem Museum

4th Annual New England Mineral Conference

The *4th Annual New England Mineral Conference* will be held from Friday, May 6 – Sunday, May 8, 2016 at the Grand Summit Resort Hotel and Conference Center at Sunday River, Newry, Maine. The conference is a division of the non-profit *New England Mineral Association* and was developed as an educational event to promote further knowledge in the fields of mineralogy and geology. Lectures on both New England and non-New England topics are scheduled on Friday evening and Saturday. In addition, there will be mineral exhibits, a voice and a silent auction in support of the conference, and a separate room for the *Micromounters of New England*. Dealers can be visited in their hotel rooms from Friday afternoon through Saturday evening (except during the presentations). The weekend culminates with a field trip on Sunday, usually to an area not open to the general public. For further information please visit: www.nemineralconference.org .

Two important educational features of the conference for students in grades 3-12 are *Education Day* (May 6) and the *Poster Contest*. The poster contest gives a chance for students to do a research project about anything relating to the rocks and minerals of New England. The students will display the information on a poster, which then will be submitted electronically. The posters will be judged according to grade level, and the winning posters will be displayed at the conference from May 6-7. For additional information about *Education Day* and the *Poster Contest* please visit: www.nemineraleducation.org



Peter Cram
 Editor
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Keep on **ROCKIN'** in the Free World

Email: pfcram@comcast.net

WE'RE ON THE WEB
 WWW.CAPITALMINERALCLUB.ORG

2016 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.

Capital Mineral Club Meetings & Events	Gem & Mineral Shows
<p>March 5, 2016 Club Meeting: 2:00PM Speaker: Bill Adams Refreshments: Karla Ruth & Nick Hadshi</p> <p>April 2, 2016 Club Meeting: 2:00PM Speaker: Dr. Carl Francis Refreshments: Natalie Undercofler</p> <p>May 14, 2016 Club Meeting: 2:00PM Speaker: Kevin Downey Refreshments: The Howds</p> <p>June 11, 2016 Club Meeting: 9:00AM Speaker: TBD Refreshments: TBD</p>	<p>May 6-May 8, 2016: Newry, ME 4th Annual New England Mineral Conference, Grand Summit Resort Hotel & Conference Center at Sunday River, Newry, Maine. The conference also sponsors an Education Day/Poster Contest for children in grades 3-12. For further details visit: www.nemineralconference.org and www.nemineraleducation.org.</p> <p>June 26-27, 2016: Gilsum NH. 52nd annual Gilsum Rock Swap & Mineral Show will be held June 25-26, 2016 RAIN OR SHINE! More than 65 dealers and swappers with gems, jewelry and minerals available for sale or trade.</p> <p>August 13-15, 2016: West Springfield, MA. East Coast Gem, Mineral & Fossil Show, Eastern States Exposition, 10-6 Fri, Sat 10-5 Sun.</p> <p>August 27-28, 2016: Concord, NH: 53rd Annual Gem, Mineral and Jewelry Show at Everett Arena, Concord, NH, Sat 9am to 5pm, Sun 10am to 4pm, Contact: Steffen Hermanns steffenh@capitalmineralclub.org</p>