



CRYSTALS AND CABS

Newsletter of the Capital Mineral Club

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April 2019

Volume 19 Issue 3

Capital Mineral Club News

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The Capital Mineral Club membership meeting will be on Saturday, **April 6th at 2:00 PM** at The Salvation Army Building, Concord, NH.

This month's speaker will be **Dr. David Hoisington** and his presentation will be "**How Herkimer Diamonds were formed**".

Mineral of the month: Members could display their Herkimer Diamond crystals for everyone to see.

There will be a **Board of Directors & Show Committee Meeting @ 10:00am** on April 6, 2019 before the regular meeting.

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.

Welcome New Members

Elizabeth Webber, Kensington, NH Richard Orsillo, Salem, NH

**2019 Club Dues are due, please send your membership dues to:
Steffen Hermanns, 7133 Oak Hill Road, Loudon, NH 03307
Make check payable to Capital Mineral Club. Dues are \$10.00 per member.**

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 in the conference room of the Southwest Community Services building at 34 Cypress St. Keene, NH – 6:00 - 8:30 PM www.keenemineralclub.50webs.com

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

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 www.senhmineralclub.org

Presidential Gem & Mineral Society: 2nd Thursday of month at 6:30pm. Jefferson Town Hall, 698 Presidential Hwy, Jefferson, NH 03583



The March meeting of the Capital Mineral Club was held on March 2nd, 2019 at the Salvation Army Building in Concord, NH.

Meeting came to order at 2:03 PM and began with a presentation by Jim Nizamoff on "Minerology of the Tamminen and Waisanen Quarries, Greenwood, ME".

Members brought specimens of their own to share.

The business meeting was called to order at 3:20 PM with 36 members present.

Motion: "To accept the Secretaries Report as written in the newsletter."

By: Tony Howd

Seconded: Scott Higgins

Discussion: N/A

Disposition: Voted on and passed by membership 36 in favor – 0 against.

Treasurer's Report:

Treasurer's Report tabled until April meeting.

Old Business:

Nominating Committee

Slate for ballot is almost full and will be presented at the next meeting. Ballot will be voted on at the May meeting.

Laptop and software for Treasurer's use

Tabled until a new treasurer is voted in.

Oliverian School

Request was made for club to assist with fees charged to school for use of equipment. Further discussion tabled until April meeting.

Trip to Yale Peabody Museum of Natural History

Tabled until Don Dallaire's return at April meeting.

Southeastern New Hampshire Mineral Club

Scott Higgins advised the membership the club is still finalizing their needs but are looking at using the smaller cabinets. He will contact Steffen when they have decided.

New Display Cases for the Club

Tabled until Don Dallaire's return at April meeting.

New Buiness:

February Workshop

Workshop was well received and attended. It will be continued and expanded in the future. Suggestions for future workshops are welcome and encouraged. Please send email to club President or Vice President.

June Meeting

Tabled until Gordon Jackson's return at April meeting.

Donations

A collection of mineral books and magazines was donated by Richard Orsillo. The club will create a library for the use of the membership. Suggestions & donations are welcome and encouraged.

Field Trips

The annual Palermo Walkabout to check out the ice formations and snow will be held March 3rd, 2019. Meet at the mine road 9 AM. Contact Steffen Hermanns for directions and further information.

Other Mineral Shows and Events

The 47th Annual NJESA Gem, Mineral & Jewelry Show and Super Digg held in Franklin, NJ will be held April 27th & 28th, 2019. The Super Digg will be held April 27th, 2019.

New Members**Door Prizes**

Donated by: Pat Barker & Peter Cram

Winners

Edna Whitmore, Scott Higgins, Nick Nachoiasis, Billie McQueeney, Ken Eastman, Jim Nizamoff, Stephen Jonasch, Bob Whitmore, Mary Bubnis, & Chris Nye.

Motion to Adjourn at 3:40 PM

By: Donny Divers

SECONDED: Peter Cram

**56TH Annual 2019
NEW ENGLAND
Gem & Mineral Show**

Hosted by: North Shore Rock & Mineral Club

ADDRESS:
Topsfield Fairgrounds
Coolidge Hall and Fair Trade Buildings
207 Boston Road, Rte. 1
Topsfield, MA 01983

RETAIL & WHOLESALE DEALERS
Minerals, Fossils, Gem Stones, Jewelry,
Beads, Lapidary & Jewelry Supplies

CHILDREN'S ACTIVITIES INCLUDE:
Spin-A-Gem, Gold Panning,
Mineral Sifting, Geode Cracking

**General Admission \$6.00 per person
\$5.00 with ad (limit 2 per ad)
Seniors \$4.00
Children under 12 Free
FREE PARKING**

Visit our website: www.northshorerock.org
or e-mail: northshorerockandmineral@gmail.com
for more discount flyers.
Check us out on Facebook: North Shore Rock and Mineral Club

**Saturday, May 04, 9:00 AM - 5:00 PM
Sunday, May 05, 10:00 AM - 4:00 PM**

- Exhibits
- Hourly Door Prizes!
- Mineral and Fossil Identification

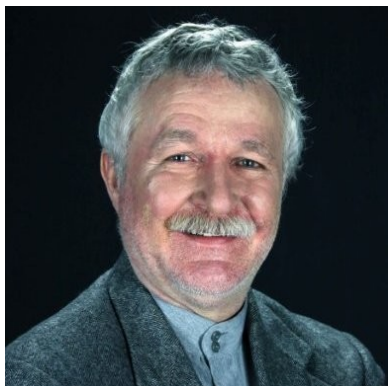


**Cactus Amethyst
Mpumalanga, South Africa**

The North Shore Rock and Mineral Club will be hosting the 56th annual NEW ENGLAND GEM & MINERAL SHOW: Saturday May 4, 2019 (9 am-5 pm), and Sunday May 5 (10 am-4 pm) at the Topsfield Fairgrounds, Coolidge Hall, on Route 1 in Topsfield, MA. Retail and wholesale dealers, minerals, fossils, beads, gem stones, jewelry, lapidary, exhibits and mineral and fossil identification. Families will enjoy gold panning, "Spin-a-Gem," mineral sifting and geode cracking. General admission is \$6.00 (\$5.00 with coupon), seniors \$4.00, children under 12 free & Free Parking.

Presentation at the Capital Mineral Club

By Dr. Hoisington (Dr. C.)



Dr.C. began rock collecting when he was in his early teens. Specimens of his are on display at Dartmouth College, the Albany State Museum NY, and in the Denver Museum of Natural History.

Dr.C. has a Master's Degree in geology from Dartmouth and did his thesis on the Conway granite. During his Master's program he discovered a remarkable pocket in the Conway gravel pits.

He was a research geologist for Atlantic Richfield Company (ARCO) in their minerals division where he developed models of hydrothermal ore systems. Publications from this time in his career are archived at the University of Wyoming.

He is a registered professional geologist with the American Institute of Professional Geologists. In 2006 Dr. C. began a research project to understand how Herkimer diamonds were formed.



Research began with interviewing miners and collectors familiar with the area. This led to looking for a new theory that would more adequately address the wide range of mineralogical features seen across the Herkimer mining district.

After 13 years of collaborative research, **The Oil and Seed Crystal Theory** was developed which provides a better explanation of how Herkimer diamonds were formed. The talk will present the new research behind this theory, with an abun-



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Keep on Rockin' in the Free World

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WE'RE ON THE WEB

WWW.CAPITALMINERALCLUB.ORG

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Capital Mineral Club Meetings & Events	Gem & Mineral Shows
<p>April 6, 2019 Club Meeting: 2:00PM Speaker: Dr. David Hoisington Refreshments: Shannon Wade</p>	<p>April 13 - 14, 2019 Southern NH Mineral Club 15th annual Rock, Gem & Mineral Show Dover Elks Lodge, Dover, NH</p>
<p>May 4, 2019 Club Meeting: 2:00PM Speaker: TBD Refreshments: Jenn & Jeff Divers</p>	<p>May 4 - 5, 2019 56th Annual New England Gem & Mineral Show Topsfield Fairgrounds, Coolidge Hall, Route 1 Topsfield, MA.</p>
<p>June 1, 2019 Club Meeting: 2:00PM Speaker: TBD Refreshments:</p>	<p>May 10 - 12, 2019 7th Annual New England Mineral Conference</p> <p>June 22 - 23, 2019 Gilsum Rock Swap, Gilsum, NH</p>
<p>September 7, 2019 Club Meeting: 2:00PM Speaker: TBD Refreshments:</p>	<p>August 09 - 11, 2019 East Coast Gem, Mineral, Fossil Show. Eastern States Exposition, West Springfield, MA</p>
	<p>August 24 - 25, 2019 Capital Mineral Club Show Everett Arena, Concord, NH</p>