



CRYSTALS AND CABS

Newsletter of the Capital Mineral Club

NH Sno-Shakers Clubhouse
70 Clough Pond Rd. Canterbury, NH.

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Capital Mineral Club News

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The Capital Mineral Club meeting is **Saturday May 14, 2022** at the **Sno-Shaker's** building in **Canterbury, NH**. Plan is to start arriving around 12:00 with the meeting to start at 1:00.

The speaker for the May meeting will be **Tom Mortimer**. He will be talking on "**Micro Mineral Collecting**".

Thank you to those who supplied refreshments at the last meeting.

We will be having a Field Trip to the Palermo Mine on Sunday May 15th from 9am to 4:00pm.

Please RSVP to Steffen Hermanns at steffenh@comcast.net

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.

Welcome New Members
No new Members

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
<https://www.facebook.com/groups/398593197423304>

KMC: (in person and Zoom) 1st Saturday of each month at Winchester, NH at the ELM Community Center. 79 NH Rt.119 . It's the big white house set far back from road on east side of road. 7PM the first Sat. of the month. 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

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 each month at 6:30 PM at the Great North Woods Welcome Center, 25 Park Street, Lancaster, NH.

January meeting minutes.



The April meeting of the Capital Mineral Club was held on April 8th, 2022 at the Sno-Shakers Club House in Canterbury, NH. The meeting was called to order at 1:04 PM with 32 members present.

A presentation was given to the membership by Jon Herndon on "Mineral Collecting in the Ossipee Mountains"

The business meeting was called to order at 2:40 PM with 32 members present.

SECRETARY'S REPORT:

MOTION TO: Accept the minutes as printed in the newsletter.

By: John Herndon **SECONDED:** Karen Giaquinta

DISPOSITION: Voted on and carried by membership 32 in favor – 0 against.

TREASURER'S REPORT:

MOTION TO: Accept the treasurers report as read by Crystal Czaja.

By: Gordon Jackson **SECONDED:** Michele Johnson

DISPOSITION: Voted on and carried by membership 32 in favor – 0 against.

OLD BUSINESS:

Trailer – The trailer is in Steffen Hermanns yard and will need insulated, sealed, and then built out. It will stay there as there for the build out as it is easier access to electric and tools. Steffen will set up some dates for the membership to sign up and help with the project. He will send out an email later in the month and progress will be provided to the membership via the Facebook page.

Grant Program – Tabled to next meeting.

Field Trips – The following suggestions were brought up: Beaugard Mine, Tripp Mine, Ossipee Trip, and contacting John Walsh for a Massachusetts trip.

Palermo Mine – May 15th, 2022

Board Meeting – There were not enough members present to hold a formal meeting at this time.

NEW BUSINESS:

Children's Program – Looking for donations to give to members of the children's program when they meet. Please contact Karen Giaquinta for more information.

Our Officer Elections will be held at the June 11th, 2022 meeting and cook-out. We are considering doing a rock swap/sale as well at that time. More information at the May meeting

Show Meeting – Alex Porada is the new show chairman and Donald Diver is the new dealer chairman in charge of the contracts. They will need to set up a meeting so we can start working on the show this year.

The Southern New Hampshire Mineral Show is April 23rd & 24th, 2022 at the Elks Lodge in Dover, NH.

MOTION TO ADJOURN

By: Jon Herndon **SECONDED:** David Ogan

DISPOSITION: Meeting ended at 3:28 PM

Talk synopsis

Is your mineral collecting in a rut? Are you finding the same old things in the same old locales? Is this becoming mundane, almost boring? The solution is micro-mineral collecting.

Decades ago, micro mineral collecting was exemplified by “micromounting” which hobbyist pioneer Neil Yedlin defined as the collection of “*natural mineral specimens, preferably in distinct crystals, mounted properly, labeled and requiring magnification for meaningful appreciation.*” Today, most practitioners of this branch of the mineral hobby are more accurately called micro-mineral collectors. Most have dispensed with gluing tiny, individual crystals onto toothpick-sized posts, in preference for centimeter-sized specimens of mm-sized crystals on their host matrix.

The advantages of this hobby aspect include 1) a huge increase in the species available to field collect, 2) a substantial reduction in required storage, 3) the acquisition of perfection in crystal forms, and 4) if purchased, affordability. There are some downsides, however. A suitable microscope with lighting is essential and the identification of tiny crystals can be problematic for the beginner. My talk, “Micro-minerals, A Beginners Guide to Crumb Picking”, provides an introduction to this branch of mineral collecting and to the resources and techniques for the beginner to start down the path to years of enjoyment.

Tom Mortimer Biography

My interest in minerals started at an early age, but evolved into a passion after college graduation and joining a local mineral club. Several members of that club were also members of the Micromounters of New England. They introduced me to the hobby and were most generous with their extra specimens, patience, and knowledge.

My focus on New Hampshire minerals began with a 1995 comprehensive display at a Nashua Mineral Society show. I scoured friend’s collections, museums, and universities for every NH species I could find. The result was a display of 214 distinct NH species. Many of these were mm sized crystals with accompanying photo.

My effort to locate and confirm additional NH mineral species is ongoing with my 3,000+ photo web site, <http://mindatnh.org>, and interactive display at the McAuliffe-Shepard Discovery Center, Concord, NH.

Confirming the identity of tiny minerals is a difficult problem for the hobbyist collector. BMC and MMNE member Peter Cristofono and I have been doing SEM-EDS analysis of New England minerals at the Boston College facility. This activity is sponsored by The Micromounters of New England.



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Keep on Rockin' in the Free World

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WE'RE ON THE WEB
 WWW.CAPITALMINERALCLUB.

2022 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.

Capital Mineral Club Meetings & Events	Gem & Mineral Shows
<p>MAY 14, 2022 Club Meeting: 12:00PM Refreshments: Speaker: Tom Mortimer</p>	<p>May 28, 2022 9am - 4pm NEMA's 2022 Spring Mineral Tailgate Sale Havey Tourmaline Quarry 34 Levine Road, Poland, ME</p>
<p>JUNE 11, 2022 Club Meeting: 12:00PM Refreshments: Speaker: TBD</p>	<p>June 25-26, 2022 Gilsum Rock Swap Gilsum, NH</p>
<p>SEPT 10, 2022 Club Meeting: 12:00PM Refreshments: Speaker: TBD</p>	<p>July 30-31, 2022 41st Annual Champlain Valley Gem, Mineral & Fossil Show Burlington, VT</p>
<p>OCT 8, 2022 Club Meeting: 12:00PM Refreshments: Speaker: TBD</p>	<p>August 12-14 2022 East Coast Mineral & Fossil Show Eastern States Exposition West Springfield, MA</p>
<p>NOV 12, 2022 Club Meeting: 12:00PM Refreshments: Speaker: TBD</p>	<p>August 27-28 2022 Capital Mineral Club Show Everett Arena, Concord, NH</p>