



Rhode Island Mineral Hunters
A 501 (c) (3) HP Organization

BOWEN-LITE

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CUMBERLANDITE –OFFICIAL STATE ROCK

BOWENITE – OFFICIAL STATE MINERAL

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RIMH 2018

RIMH

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Tony Cesana - Parliamentarian
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*If anyone would like to submit an article or anything for future publication let me know



Reflecting pool in a cave in Virginia

Upcoming Meeting Details

Executive Meeting date in May is:

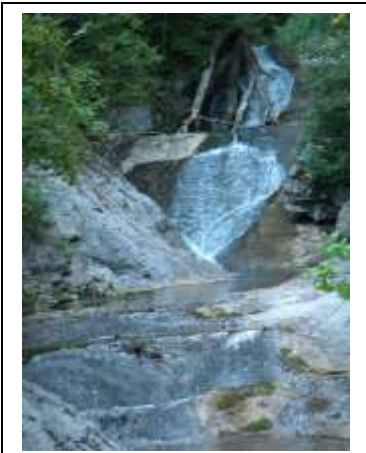
Tuesday May 29 th. All meetings start at 7pm
AND WILL BE THE LAST TUESDAY OF THE MONTH

This year meetings will be held at Lou Fazzinas' rock shop (Apple Valley Minerals)

7 Homestead Avenue
Smith field, RI 02917

*Homestead is off Farnum Pike.

The General meeting will be Tuesday, May 8th at 7pm CCRI Warwick campus . The room should be 1130. The May general meeting will feature a presentation by Neil & Mee Kiew Cavanagh. The topic will be Geofest and their extensive travels.



Virginia waterfall

The show committee is looking for one or two more volunteers to plan the show. Also ask everyone to pencil in the last weekend of October to help in one way or another many hands make light work

From Tony and Rachel Cesana

Rachel and I run an open house on Friday evenings to talk all things club related. If members have specimens that they need ID help we have a good scope. We will do tumble polish classes and wire wrap learning also field trimming classes are available.

Please contact us by Thursday of that week. This is available every Friday.

phone number 401-766-9076

email a_cesana@verizon.net

PROPOSED FIELD TRIP May 5th

1. RIMH FIELD TRIP PROPOSAL May 5th, 2018

Please call to sign up for all field trips at least 2 days before trip. If no one calls I might not be there

Destination: Sneech Pond Copper Mine, Staples Road, Cumberland, RI

Date(s)/time of trip: Saturday, May 5, 2018 9:00 am

Trip leader: Rachel Cesana, 401-766-9076, a_cesana@verizon.net

day of trip use 401-787-3129

Please leave you cell number so we can contact in case of cancelation

Type of collecting: Mine dumps.

What can be found? Copper minerals, actinolite, magnetite

Tools/equipment: : hammers & small sledges, garden tools, wedges, prybars, spray bottle w/water, protective eyewear, close-toed shoes, **bug spray**, and always, *common sense*. There are no sanitary facilities at this site.

Clothing: Dress for early spring conditions

Special information: Please call 48 hrs in advance. Make sure you bring bug spray!!!

Driving directions: take 295 North to RT 122 North. From 122 take right onto Nate Whipple Highway.(about 2 to 3 miles from 295) . Take left onto Staples Rd and follow to Power Station. We will hike from here.

SIMPSON QUARRY, Saturday, May 19th

*****Please call and sign up for all field trips at least 2 days before trip*****

Destination: SIMPSON QUARRY, Michele Drive, Portland, Ct

Date(s)/time of trip: Saturday, May 19th at 09:30 am

Trip leader: Rachel Cesana Call 401-766-9076 by 19th PLEASE LEAVE NAME AND CELL PHONE NUMBER

Day of field trip call 401-787-3129

Carpool/caravan location: *We will meet at the site. See directions below.*

Type of collecting: Mine dumps . Pegmatite

What can be found? Beryl, Aquamarine, massive smoky quartz, mica books. Schorl

Go to www.mindat.com for complete list of minerals

Tools/equipment: : shovels, small/large sledges, chisels, safety glasses, ***bug repellent***.

Clothing: Close-toed shoes, safety glasses, hat, gloves, sun shield

Special information: ***Register with field trip coordinator at least 48 hours in advance and leave your cell phone number***

Age limit: **Children 12 and up with parents are allowed but this is very loose material and caution is greatly advised. Parents alone are responsible for their children**

Directions to Simpson Quarry from central/northern RI :

GPS +41.636561 N -72.592422 W

Take **Rt 6 W** to **Rt 395 S**

Follow **395 S** for 21 miles to **exit 82 (Rt 2 W)**

Follow **Rt 2 W** for 21 miles to **exit 10 (Rt 83 W toward East Glastonbury)**

Follow **83 W** for .2 miles, then sharp left onto **Manchester Rd** for .2 miles

Slight left onto **Chestnut Hill Rd** and follow for 2.7 miles.

Turn left onto **Rt 17 (Main St)** and follow for approx 3 miles. You will be driving thru

South Glastonbury. As soon as you pass the 'Entering Portland' town line marker,

Michele Drive is the next left.

Follow **Michele** Drive to where it makes a 90 degree right turn and park there.

Directions to Simpson Quarry from Southern RI :

Take **Rt 95** to **Exit 5a (Rt 165 W)**

Follow **Rt 165 W** to **395 S**

Follow **395 S** for approx 7 miles to **exit 82 (Rt 2 W)**

Follow directions from **Rt 2** above

Future field trips directions will follow in later newsletters

June 9th-Barrus Farm, Goshen, Ma. maximum 20 people. no children 10 and under

June 23 & 24 Gilsum Rock Swap (not field trip per se but lots of fun) more info at <http://gilsum.org/rockswap/>

July 7 Manhan lead and silver mine, Easthampton , MA

Oct 6 Beaugard mine, Alstead, NH

The above dates are already secured

Looking into Havey mine in Poland ME. They have new rules and a hefty Price (\$500). donation to New England Mineral Assc) Need to Know how many people are really interested. Will not sign us up unless I have a firm commitment from at least 20 people. Looking at July 21 or Sept 22. Please email me at trcesana@gmail.com and what date is best for you. majority will rule.

NEXT MEETING FOR FIELD TRIP COMMITTEE MARCH 9TH AT 7 AT RACHEL CESANA'S HOUSE
85 ST PAUL ST NORTH SMITHFIELD RI 02896
401-766-9076
STILL LOOKING FOR MORE VOLUNTEERS. THANKS

A note from the field trip coordinator Rachel Cesana

If anyone knows of any places we can go for a field trip please let her know. She wants to line up some places for the upcoming year. Please relay all pertinent information to her such as place names, contacts(property owners and/ or persons in charge), phone numbers or other means of contact. Rachel's phone number is (401) 766-9076. Email a_cesana@verizon.net

Member Submissions and News

6th Annual New England Mineral Conference

The *6th Annual New England Mineral Conference (NEMC)* will be held Friday, May 11 through Sun., May 13, 2018 at the Grand Summit Resort Hotel and Conference Center at Sunday River, Newry, Maine. Presentations on both New England and non-New England topics are scheduled on Friday evening and during the day on Saturday. In addition, there is a Friday evening banquet sponsored by the Maine Mineral and Gem Museum, mineral displays and exhibits, and both a voice and a silent auction in support of the conference. Dealers can be visited by registrants from Friday afternoon through Saturday evening (except during the presentations). The weekend culminates with a field trip on Sunday.

An exciting feature of the conference is *Education Day* a fee-free event for students in grades 3-12, which occurs on Friday, May 11. On *Education Day* students can visit over 20 different stations to learn about minerals and geology. There is also a juried *Poster Contest* which gives the opportunity for students to submit a research project about anything relating to the rocks and minerals of New England. Winning posters in each category will be displayed throughout the conference.

For further information about the conference please visit:

<http://www.nemineralconference.org/Welcome.html>

For information about *Education Day/Poster Contest* please visit:

www.nemineraleducation.org

The *New England Mineral Conference* is a division of the non-profit *New England Mineral Association*.

Calendar Entry for Newsletters

May 11-May 13, 2018: *6th Annual New England Mineral Conference*, Grand Summit Resort Hotel and Conference Center at Sunday River, Newry, Maine. The conference includes lectures, mineral exhibits, mineral dealers, auctions, a banquet, and a field trip. The NEMC also sponsors *Education Day* and a *Poster Contest* for students in grades 3-12. For further details and registration information visit: <http://www.nemineralconference.org/Welcome.html> or www.nemineraleducation.org. Contact information: Jan Morrison, Executive Director: 207.956.2862;

jmwrites@maine.rr.com New England Mineral Association, PO Box 33, East Poland, ME 04230 Website:
<http://nemineralassociation.org/>

Facebook: <https://www.facebook.com/NewEnglandMineralAssociation/>

Mineral of the Month

In this continuing series, I am providing information for those members who are new to the field of mineral collecting and need to know what you are looking for when you go out on field trips or just on your own. Some common minerals you may see but, might not know what they are. This month, I will be looking into the mineral ; MICROCLINE

Microcline is polymorphous with Orthoclase and Sanidine. These three minerals form the Potassium Feldspar group. They are almost identical in physical properties, and sometimes it is impossible to distinguish one another without x-ray analysis. The only difference between them is their crystal structure. Microcline crystallizes in the triclinic system, and Orthoclase and Sanidine crystallize in the monoclinic system. Crystals of Microcline are generally much larger than those of Orthoclase, and a deep green color is tell-tale sign of Microcline, since Orthoclase does not exist in a deep green color.

In some mineral reference guides, Microcline and Sanidine are wrongly categorized as variety of Orthoclase. Since it is so difficult to distinguish between Orthoclase, Sanidine, and Microcline, they may be simply called "Potassium Feldspar".

Microcline sometimes forms in association with Albite or other Plagioclase feldspar in alternating patterns, and forms a feldspar rock known as Perthite.

Formula: $K(AlSi_3O_8)$

Color:White, grey, greyish yellow, yellowish, tan, salmon-pink, bluish green, green.

Lustre:Vitreous

Hardness:6 – 6½

Specific Gravity:2.54 – 2.57

Crystal System:Triclinic

Member of:[Feldspar Group](#)

Tenacity: Brittle

Streak:White

Varieties;

Amazonite – Deep green or greenish-blue variety of Microcline.

Sunstone – Form of orange feldspar that has inclusions of Hematite (or in one locality Copper) that give it a glittering effect. Depending on the locality, Sunstone may be Microcline feldspar, or it may be the Plagioclase feldspar Oligoclase.

Uses:

Microcline is industrially important in the manufacture of glass and ceramics. Well shaped crystals, especially those of Amazonite are cherished by mineral collectors. Amazonite is also used as a gemstone, and is polished into beads, cabochons, and ornamental figures.

Locations:

Large crystals once came from Bedford, Westchester Co., New York; Leiper's Quarry, Delaware Co., Pennsylvania; the Poor House Quarry, West Bradford, Chester Co., Pennsylvania; Middletown, Middlesex Co., Connecticut; and Moat Mountain, Carroll County, New Hampshire. White to light pink Microcline has come from the French Creek area, Chester Co., Pennsylvania. Well formed crystals are widespread at Mont Saint Hilaire, Quebec, Canada.



For More information see Minedat.org/ Minerals.net

