



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

# BOWEN-LITE

WWW.RIMH.US



CUMBERLANDITE –OFFICIAL STATE ROCK

BOWENITE – OFFICIAL STATE MINERAL

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RIMH 2019

## RIMH

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



Granby, Massachusetts

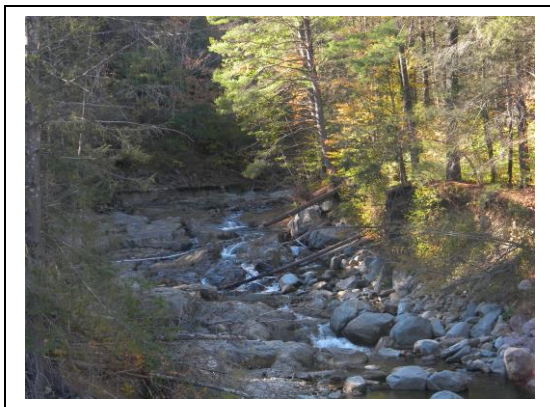
## Upcoming Meeting Details

Executive Board Meetings are on the last Tuesday of the month(March 26<sup>th</sup>) at 7pm

This year executive 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 next general meeting will be the second Tuesday in March(12<sup>th</sup>). We will have a guest speaker. The topic will be safety at the dig site. The presenter will be Tony Cesana



Berkshires,  
Massachusetts

Open house at Rachel and Tony Cesana's will continue on Fridays for rock talk and fun. Please let me know if you intend to come by Thursday night. If no one calls I might not be there if you just show up.  
401-766-9076

We have just concluded our 1st wire wrapping class and will have another later in the year. If anyone is interested in a rock tumbling class please let me know and we will start one in April

Please thank Elena Holden for joining the Field Trip committee. We are still looking for more help so if you can spare some time please call me. We are looking for someone who could possibly take over next year. I would like to have time to train someone as I'm not sure I'll be available next year. Please see me at the meeting or call 401-766-9076

Show news:

Although the show is far away in October it is not too early to prepare the sign up sheets will be available at all meetings beginning in March. We need people to cover our booths and security at the entrance's to prevent last years loss of revenue. Many hands make light work. The show committee will begin monthly meetings the first Thursday of the month at Tony & Rachel's house 85 St Paul St North Smithfield, RI 02896 6:30 pm start time usually one hour or less as time constraint. I am still searching for someone to join that would be second lead to eventually take over. Please newer members consider this important work as it is the major source of income for the club. Also we have fun because we are a crazy bunch the more the merrier.

March talk:

The three most important things to remember about Rock Hounding Safety Safety and Safety  
As the digging season is upon us it is very important to review the protocols that make for a pleasant experience and less likely to end in a trip to the ER. This is a talk for everyone seasoned collectors and newbies alike as it is interactive with many from the audience chiming in demo's of proper tools will be given as well as precautions to take being outdoors. Tony Cesana will moderate this presentation

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**May 11-May 13, 2018:** *7th 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: <https://www.nemineral.org/2019/conference/index.html> or [https://www.nemineral.org/2019/education/education\\_day.html](https://www.nemineral.org/2019/education/education_day.html)

**MARCH 23, 2019 FIELD TRIP:**

**Where:** Quabbin Shaft #10 Hardwick MA - GPS +42.377188 N -72.162173 W

Meet at Phillips Shopping Plaza, Ware, Ma - GPS +42.254757 N -72.252751 W

**Please call by March 21 and leave name and cell number. If you have not called you will not be allowed on field trip. There is limited parking and will need to limit how many can come to about 16 people**

**Trip Leader:** Rachel Cesana 401-766-9076 [trcesana@gmail.com](mailto:trcesana@gmail.com)

**When:** Saturday, March 23, 2019 AT 9:00 am to 12 pm

**Tools needed:** Small garden tools, rock hammer, loop, material to rap finds in.

**Dress:** Dress for Late March weather conditions, water proof shoes a plus as site could be muddy.

**Minerals to be found:** Babingtonite, epidote, fluorite and many others – mostly micros, but very nice! *(See below for full list of minerals at this location)*. Also, the scenery here is stunning, even at this time of the year!\_This tailing pile is the result of the tunneling done to bring the Quabbin Reservoir water to Boston..

**Directions:** From RT 146 north or RT 395 north (which ever is easier from your locality) take RT I 90 west in MA. From RT I 90 take the exit for RT 32 north (Palmer MA). Follow RT 32 north to Ware MA. Look for Phillips Plaza on your right. It takes about 2 hrs to get there from Providence so give yourself extra time in case of traffic delays. We will park here and car pool the rest of the way as there is room for only about 4 vehicles. Please be at the Phillips Plaza by 9:00 am. Look for red Jeep Liberty.

These directions if you get separated from group.

From Phillip's Plaza take right onto Rt. 32 and follow thru Hardwick . here it splits into 32 and 32a. make sure to follow Rt. 32. Watch for Shunpike Rd (it has a sign for a kiln and railroad tracks crossing Shunpike) Take left onto Shunpike and follow to end then take right onto Prouty Rd. Follow past small farms til you get to Taylor Hill Rd on left (there is a larger farm here with a large sign) take left onto Taylor and follow til you go over small bridge, gate will be on the right. **Do Not Block Gate**. Walk straight in at the gate about half a mile. You will see what looks like a large cement sewer cover.. Take right through woods here to tailing piles. There is a path.

**BECAUSE THIS IS A WEATHER SENSITIVE SITE MAKE SURE I HAVE YOUR CELL PHONE NUMBER WHEN YOU LEAVE A MESSAGE OR EMAIL . I MAY HAVE TO CALL THAT MORNING TO CANCEL**

## Mineral List

<a href="#">Albite</a>	<a href="#">Fluorite</a>	<a href="#">Limonite</a>	<a href="#">Sphalerite</a>
<a href="#">'Allanite'</a>	<a href="#">Galena</a>	<a href="#">Magnetite</a>	<a href="#">'Stilbite'</a>
<a href="#">Anglesite</a>	<a href="#">Goethite</a>	<a href="#">Microcline</a>	<a href="#">Thomsonite-Ca</a>
<a href="#">'Apatite'</a>	<a href="#">Gypsum</a>	<a href="#">Opal</a>	<a href="#">Titanite</a>
<a href="#">'Apophyllite'</a>	<a href="#">var: Selenite</a>	<a href="#">var: Opal-AN</a>	<a href="#">Tremolite ?</a>
<a href="#">Babingtonite</a>	<a href="#">'Heulandite'</a>	<a href="#">Orthoclase</a>	<a href="#">Zircon</a>
<a href="#">Calcite</a>	<a href="#">Ilmenite</a>	<a href="#">Prehnite</a>	
<a href="#">'Chlorite Group'</a>	<a href="#">'K Feldspar</a>	<a href="#">Pyrite</a>	
<a href="#">Epidote</a>	<a href="#">var: Adularia'</a>	<a href="#">Quartz</a>	
	<a href="#">Laumontite</a>	<a href="#">Rutile</a>	

If anyone is interested we will go to the Western Mass Mineral, Jewelry and Fossil Show in Hadley Mass (RT 9) at Hampton Village Barn Shops 141 Russell St.,(Rt 9) Hadley MA

after the dig. Check it out online at [www.WesternMassMineralShow.com](http://www.WesternMassMineralShow.com)

March 30 we will have a field trip to Pelham Grayson which is a large mineral wholesaler that opens to the public on Sat.. Lou Fazzina from Apple Valley Minerals has invited us to come. He works there during the week. We will meet there at 10am . Please let me know if you are coming by March 28<sup>th</sup>.

**Pelham Grayson**

**300 Taugwonk Rd**

**Stonington, CT 06378**

**Exit 91 off RT 95 take rt at end of exit ramp. This is Taugwonk Rd**

**Crystal Grove Field Trip**

**On June 1<sup>st</sup> and 2<sup>nd</sup> the club will pay for digging fees only at Crystal Grove mine in St. Johnsville, NY. Will be digging for Herkimer Diamonds. This is a campground as well.**

The campground has a pig roast on the 1<sup>st</sup> so if you are interested in this please contact the campground at [crystalgrove.com](http://crystalgrove.com) look under events to buy tickets. If you plan to stay overnight you must seek your own accommodations. Please let us know if you are coming and for how many days. I will need to get a check from the treasurer to pay the dig fees so I really do need a head count. We must know by May 25<sup>th</sup>. Directions are also on their website.

**Annual RI mineral Hunters Auction April 9<sup>th</sup>, 2019**

**At our second meeting of the year we will have our auction at the regular meeting**

**If you are interested in selling you will need to prepare your specimens by labeling them this way:**

**Mineral name: example Quartz**

**Mineral location: (where found) ex Diamond Hill, Cumberland, RI**

**Minimum Bid: (smallest amount you would want for said mineral) or donate to club fund**

**If you want to sell a whole box or flat of minerals in one fell swoop we still would like all minerals in the box to have the same info. Please do not use this as a means to get rid of junk rock.**

**At the auction all sellers will be given a letter and that will be your seller ID**

**All your specimens should be marked with this letter so get there a little early to give yourself time to do this**

**All members who wish to bid will be given a number as their ID**

**Cash will be taken at end of auction to avoid confusion. No credit cards accepted. We don't have the means to process.**

**If you have any questions please bring them up at the March meeting. If you can't attend you can call me Rachel Cesana 401-766-9076)**

### **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 ; Apophyllite**

“ Apophyllite can be a beautiful mineral, forming in lustrous, transparent crystals that are well-formed and occasionally very large. Though it is found worldwide in volcanic zeolite environments, the Indian traprock quarries have produced enormous quantities of this mineral in all different shapes, sizes, and colors, making Apophyllite easily obtainable and very affordable.”

“Chemical Formula  $\text{KCa}_4\text{Si}_8\text{O}_{20}(\text{F},\text{OH}) \cdot 8(\text{H}_2\text{O})$

Composition Hydrous calcium potassium fluoro-hydroxyl-silicate. The ratio fluorine to hydroxyl varies among two group members, and the potassium is replaced with sodium in another member.

Color Colorless, white, gray, green, brown. Rarely pink, purple, red, or orange.

Streak white

Hardness 4.5 - 5

Transparency Transparent to translucent

Luster Vitreous to greasy. Pearly on cleavage surfaces.

Tenacity brittle

Fracture uneven “

“ Uses Apophyllite can form in large and very-well formed crystals, which are of interest to collectors. Colored crystals of Apophyllite such as green and red are highly desired by collectors.”

“ Locations in the US In the U.S., New Jersey has produced the best Apophyllite in several important localities. The Upper New Street Quarry, Paterson; and nearby Prospect Park, both in Passaic Co., are known for their exceptional well-formed crystals, usually white in color. Equally important is the Millington Quarry, Somerset Co., which has produced crystals and platy aggregates with outstanding luster. Very good Apophyllite crystal plates and drusy forms were also extracted in the diabase seams of Laurel Hill (Snake Hill), Secaucus; and Bergen Hill, both in Hudson Co.”

“Exceptional Apophyllite of the (KOH) type have come from the Fairfax Quarry, Centreville, Fairfax Co., Virginia. Drusy microcrystals associated with blue Kinoite have come from the Christmas Mine, Gila Co., Arizona. ”

Common Mineral Associations

“Prehnite, Quartz, Heulandite, Stilbite, Laumontite, Analcime, Chamosite, Calcite, Datolite, Pectolite”  
“

Information and photos by Minerals .net. For more information see [minerals.net](http://minerals.net)

