



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 2019

RIMH

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Vice President Tony Cesana
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Bill Neal - Librarian
Tony Cesana – Show Chairman
Tony Cesana - Parliamentarian
Bill Wilson - Historian
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*If anyone would like to submit an article or anything for future publication let me know



Prudence Island , Rhode Island

Upcoming Meeting Details

Executive Board Meetings are normally on the last Tuesday of the month at 7pm. This months meeting will be held at the club picnic

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.

Our next RIMH meeting will be the club picnic. SEE INFO BELOW...

”



Jamestown,
Rhode Island

Club Picnic

Our annual picnic is Saturday, August 3 at noon. Board meeting is at 11:00. It will be held at the home of Elena Holden, a new member. Address is 340 Spring Street, Wrentham, MA. She has a long narrow driveway and asks that we park as close to the street as possible.

Please text me at (401) 232-2222 or email at DrSherriB@ [Gmail.com](mailto:DrSherriB@gmail.com) to let me know who is coming. Also let me know if you will be bringing food.

Thanks!!

Sherri

Parking: People should park on both sides of the driveway as close to the street level as they can. There is a small parking areas for 2-3 cars on the opposite side. Our driveway is pretty long (~650 feet) but narrow. It would be appreciated that only those who have difficulty walking drive all the way to the house as there will be not that much room to turn around.

Please come over to check out the place and call me if the need be @ 508 954 3839.

with all the best,

Elena.

Announcement

In October of 2018, I entered our RIMH newsletter in a contest with the EFMLMS (Eastern Federation of Mineralogical Lapidary and Mineral Societies). The convention for that society was held in Goshen, New York. Awards were presented by the (BEAC) Bulletin Editors Advisory Committee to the RIMH in three categories

2nd Place for our mini bulletin

8th place for Original educational articles –advanced

Honorable mention for original non-technical articles

***** Our TRIVIA question: *****

How many separate and distinct geologic layers make up the Earth?
Name them in order from the surface downward

Reminder of rules:

1 week to answer the question

There will be a random drawing if there is more than one correct answer

You can only win once every 4 months

Board members cannot win

Prize: \$50 to Apple Valley Minerals and you must come to the next meeting at CCRI to pick it up

Email your answer to Ernie at RIMineralHunters@gmail.com

***** We have planned ROCKMANIA--- a social gathering for club members! This could be a way for new members to meet everyone, play games, eat, discuss rocks and fossils, and just have fun as a club.

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 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 entrances to prevent last year's 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 email is trcesana@gmail.com Please consider helping new blood needed to keep the club vibrant and growing We have a 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.

The Kennebec Gem and Mineral show is taking place Saturday August 31 10 am -5pm and Sunday September 1st 10 AM to 4PM At the Augusta Armory Western Avenue Augusta , MAINE Admission is \$2.00..

*** They sent me some dollar off coupons if anyone wants them.. *****

August FIELD TRIP

TO BE ANNOUNCED

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 ; Sillimanite

“ **Sillimanite** is an aluminosilicate mineral with the chemical formula Al_2SiO_5 . Sillimanite is named after the American chemist Benjamin Silliman (1779–1864). It was first described in 1824 for an occurrence in Chester, Middlesex County, Connecticut, US.^[3] ”

“Sillimanite is one of three aluminosilicate polymorphs, the other two being andalusite and kyanite. A common variety of sillimanite is known as *fibrolite*, so named because the mineral appears like a bunch of fibres twisted together when viewed in thin section or even by the naked eye. Both the fibrous and traditional forms of sillimanite are common in metamorphosed sedimentary rocks. It is an index mineral indicating high temperature but variable pressure. Example rocks include gneiss and granulite. It occurs with andalusite, kyanite, potassium feldspar, almandine, cordierite, biotite and quartz in schist, gneiss, hornfels and also rarely in pegmatites.^[2] ”

“Natural sillimanite rocks cut into the required shape and size are used mainly in glass industries. Sillimanite is the best raw material for the manufacture of high alumina refractories or 55-60% alumina bricks. But its use on large scale is not possible due to its fine grading and high cost.^[citation needed] Dumortierite and mullite are similar mineral species found in porcelain.^[6] ”

“Sillimanite has been found in Brandywine Springs, New Castle County, Delaware. It was named by the State Legislature in 1977 as the state mineral of Delaware by the suggestion of the Delaware Mineralogical Society.^[7] ”

Formula Al_2SiO_5

Color: Colorless or white to grey, also brown, yellow, yellow-green, grey-green, blue-green, blue; colourless in thin section

Fracture splintery

Tenacity tough

Mohs scale 7

Luster Vitreous to subadamantine, silky

Streak White



Information and photos by Wikipedia For more information see Wikipedia

