



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

BOWEN-LITE

WWW.RIMH.US



CUMBERLANDITE –OFFICIAL STATE ROCK

BOWENITE – OFFICIAL STATE MINERAL

Volume 57

Issue 2

February 2019

RIMH 2019

RIMH

Officers

President Sherri Blennerhassett
Vice President Tony Cesana
Secretary William Wilson
Treasurer Claire Cooper

Board Members

William Wilson(President emeritus) Ernie Zielinski
Mahrukh Anwar Lou Fazzina
Tony Cesana Dante Caprara
Rachel Cesana Bruce Hecker

Departments/ Committees

Rachel Cesana - Field Trip Coordinator
Leo Doucet – Membership Person
Bill Neal - Librarian
Tony Cesana – Show Chairman
Tony Cesana - Parliamentarian
Bill Wilson - Historian
Webmaster - Bruce Hecker bbhecker@cox.net
Edited/photos by Paul Koczwanski pakman844@aol.com
*If anyone would like to submit an article or anything for future publication let me know



Chatham, Mass

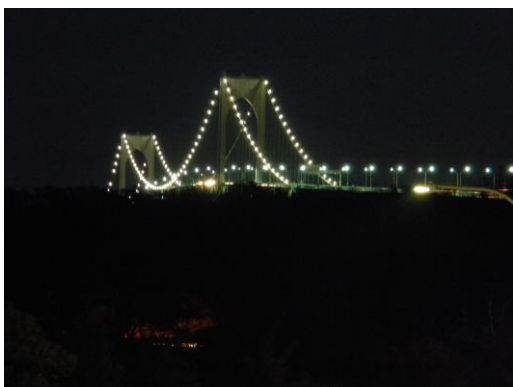
Upcoming Meeting Details

Executive Board Meetings are on the last Tuesday of the month(February 26th) 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.

There will be no General Meeting this month. The next general meeting will be the second Tuesday in March. The topic will be safety at the dig site..



Newport,
Rhode Island

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 trcesana@gmail.com

A note from the field trip coordinator Rachel Cesana

Field Trip committee needed. Anyone interested in helping to develop this year's field trip program please call Rachel Cesana at 401-766-9076. Leave message if not home or email trcesana@gmail.com

This may be a make or break situation as I am having back issues and may not be able to go on all the field trips so I need people who may be able to take over in a pinch. You will always be fully informed.

Thanks
Rachel

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 trcesana@gmail.com

Geology and Mineral Books for sale : I am a retired geologist with a large collection of older and newer geology, mineral and fossil books including many books on mineral localities throughout New England and elsewhere. Authors include Dana, Sinkankas, Kunz and many others. I ALSO BUY BOOKS, MOSTLY FROM THE 19TH CENTURY. I live near Westerly; please give me a call at 1-860-599-1243 if you are interested. Thanks Nick McDonald

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.neminer.org/2019/conference/index.html> or https://www.neminer.org/2019/education/education_day.html

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 ; Datolite

“ Datolite forms in very attractive crystals that can be highly lustrous and very sparkly, or have frosted crystal faces. A totally different form of Datolite are the oval-shaped nodules that lack any distinctive crystal form. These nodules can be sliced and polished to show beautiful coloring and patterns within the nodule. Nodules are often colored by Copper inclusions which can give them a reddish color”.

“Datolite was named in 1806 by Jens Esmark, a Danish-Norwegian professor of mineralogy, for the Greek term "*dateishai*", which means to divide, alluding to the often grainy aggregates of Datolite which break easily”.

Chemical Formula	CaBSiO ₄ (OH)
Composition	Basic calcium borosilicate
Color	“Most commonly light green, also minty green, dark green, yellowish green, yellow, white, and colorless. Rarely red or pink from Hematite or manganese inclusions. Nodular forms may be white, gray, beige, orange, pink, red, brown, and yellow, and are often multicolored or have lighter and darker color zones.”
Streak	colorless
Hardness	5-5.5
Transparency	Transparent to nearly opaque
Luster	waxy,dull
Tenacity	brittle
Fracture	conchoidal to uneven

Uses “Datolite is used a collector's gemstone, and the nodules from Michigan are sliced and polished as ornamental stones and minor gemstones. Datolite is mined in Russia as a source of boron.”

Locations in the US “In the U.S., some of the best Datolite crystals come from the Roncari Quarry, East Granby, Hartford Co., Connecticut. Large crystals are well-known from the Lane Quarry, Westfield, Hampden Co., Massachusetts. The traprock quarries of Northern New Jersey have also produced excellent examples of Datolite, with some of the more prolific producers mentioned below: Large, well formed crystals have come both Prospect Park and Paterson, Passaic Co. Gemmy green Datolite crystal plates have from the Braens Quarry, Haledon, Passaic Co; and platy lustrous crystals from the Millington Quarry, Somerset Co. A classic locality is Bergen Hill, Hudson Co.; where Datolite occurred in diabase seams.”

Common Mineral Associations

“Calcite, Prehnite, Stilbite, Heulandite, Apophyllite, Quartz, Copper, Babingtonite”

Information and photos by Minerals .net. For more information see minerals.net



