



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

BOWEN-LITE

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CUMBERLANDITE –OFFICIAL STATE ROCK

BOWENITE – OFFICIAL STATE MINERAL

Volume 56

Issue 6

JUNE 2018

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



Dinosaur footprint Holyoke, MA

Upcoming Meeting Details

Executive Meeting date in June is:

Tuesday June 26 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, June 12th at 7pm CCRI Warwick campus . The room should be 1130. The May general meeting will feature a presentation by Ernie Zielinski. The topic will be "Precambrian Earth: The Geologic Environment From Earth's Creation To The Cambrian Eon".



Dinosaur footprint

Holyoke, MA

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 June 9th

FIELD TRIP TO BARRUS FARM, GOSHEN, MA JUNE 9TH 2018

TIME: MEETING AT 8 AM AT SPRUCE CORNER RESTAURANT, GOSHEN, MA

TYPE OF MATERIAL: PEGMATITE mineral list below. Specialty dk blue tourmaline and goshenite, spodumene

COST: CLUB TO PICK UP COST OF \$10.00 PER PERSON

Need minimum of 10 people to do this trip

DIRECTIONS:

Take 146N to 90W to 91N to 9W. Follow 9 west into Goshen MA look for Spruce Corner Restaurant on your right at the corner of Spruce Corner rd . It takes at least 2 1/2 hrs to get there by the speed limit.

MUST CONTACT RACHEL CESANA BY JUNE 6TH AT 401-766-9076 LEAVE MESSAGE IF NO ANSWER..DO NOT LEAVE MESSAGE ON EMAIL LEAVE FULL NAME AND CELL NUMBER

NEED TO GET THE CORRECT CASH TO GIVE TO OWNER ON THAT DAY SO I REALLY NEED THE COUNT. IF NOT SIGNED UP WILL NOT BE ALLOWED INTO MINE.

HERE ARE MINE RULES:

General Digging Rules for Barrus Farm (AKA Barrus Ledge)

All arrangements for field trips must be made thru

Tim Barrus, countrycorral@aol.com (413) 695-2424

or

Wayne Corwin, wcorwin7359@charter.net (413) 323-7359

****Do Not Call the Barrus home or go to the farmhouse****

Collecting Season: April 14th thru October 28th.

Clubs only: clubs must supply federation trip insurance for the date(s) of the trip.*

Fee: \$10 each (Cash only, no checks).

Limited openings: 20 members' maximum per trip, (10 members / (\$100) minimum.)

Clubs can be combined for the trip, but still, no more than 20 collectors total.

Entrance permission is for the indicated date only and does not entitle access at a later date.
Limited parking, carpooling is recommended.

Everyone must stay with their group and let the trip leader know if you leave early (sign in/out)

Safety Rules: safety glasses, steel toe boots are required, work gloves are recommended.

Take all your trash with you. No fires. No glass containers. No alcohol.

No mushroomed headed chisels. No carpenters' tools.**

No power equipment, hand tools only.

No digging under trees or cutting live big roots. No tunneling.

Bring plenty of water, your own food, bug spray, sun block, first-aid kit (or club safety officer).

Please limit yourself to a 5gal pail (or less) of what you want for your own personal collection.

This site is not for dealers, to stock up on merchandise, with as much as they can take!

We want this site to be a fun place to come collect and enjoy nature for a long time!

* Federation trip insurance for the date(s) of the trip:

If more than one club, each club needs to provide their own ins. papers.

Choose a Saturday or Sunday as your trip date.

Put both Saturday & Sunday dates on the ins. if you want to be able to use the other as a rain date.

Either Saturday or Sunday can be a rain date, as long as both dates are included in the federation club ins..

(A request to use your rain date, must be made as soon as possible, or

by no later than Friday 5:00 PM by the clubs field trip leader), to either Tim or Wayne.

(It's up to the club to notify its members of rain date changes, or cancelations)

Location Info for Ins. Co:

Tim Barrus

Barrus Farm

86 Spruce Corner Rd

Goshen, MA 01032

** Carpenters tools are too brittle for use on rocks or on chisels. (I've seen a hammer claw fly off and stick in a guy's forehead, and chips fly off wood chisels and go into someone's arm and the same with mushroomed headed rock chisels. W.C.) That's why only rock or steel working tools in good shape are allowed, everybody wants safe trips.

MINERAL LIST

Valid Species	Al	B	Be	Ca	Cs	F	Fe	H	K	Li	Mg	Mn	Na	Nb	O	P	Si	Sn	Ta	Zr
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[①Albite](#)

[①var: Cleavelandite](#)

[①'Almandine–Spessartine Series'](#)

[①Beryl](#)

[①var: Goshenite](#)

[①var: Morganite](#)

[①Cassiterite](#)

[①'Columbite–\(Fe\)–](#)

[Columbite–\(Mn\) Series'](#)

[①Columbite–\(Mn\)](#)

[①Cookeite ?](#)

[①'Cymatolite'](#)

[①Elbaite](#)

[①Fluorapatite](#)

[①'Halloysite'](#)

[①'Indicolite'](#)

[①'Lepidolite'](#)

[①Microcline](#)

[①Montmorillonite](#)

[①Muscovite](#)

[①var: Illite](#)

[①Phenakite](#)

[①Pollucite](#)

[①'Psilomelane'](#)

[①Pyrolusite](#)

[①Quartz](#)

[①Schorl](#)

[①Spodumene](#)

[①'Tourmaline'](#)

[①'Verdelite'](#)

[①Zircon](#)

[①var: Cyrtolite](#)

THERE ARE NO OTHER FIELD TRIPS PLANNED FOR JUNE

SEE INFO FOR THE GILSUM ROCK SWAP JUNE 23 & 24 HERE: gilsum.org/rockswap

***** Proposed Future Field Trips*******

****July 7 Manhan lead and silver mine, Easthampton , MA**

****Oct 6 Beauregard mine, Alstead, NH**

***** 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.**

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

FIELD TRIP COMMITTEE AT RACHEL CESANA'S HOUSE
85 ST PAUL ST NORTH SMITHFIELD RI 02896
401-766-9076

STILL LOOKING FOR MORE VOLUNTEERS. meeting time and date TBA

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 ; SPODUMENE

Spodumene is a fairly prevalent mineral, but mostly dull and uninteresting in its most common forms. However, its two distinctly colored transparent varieties, Kunzite (pink) and Hiddenite(green) are very aesthetic and valued as gemstones. Hiddenite is much rarer than Kunzite, and can be highly valued, especially the deeper green color forms . Kunzite is known for its lovely pink color that is very distinct. However, its color may slightly fade upon prolonged exposure to sunlight. Heat treatment is sometimes applied to Spodumene, by transforming transparent brownish and greenish-brown stones into light green or pink colors. Lightly colored pink stones are also heat treated to intensify their pink color. Spodumene is strongly pleochroic. The pleochroism is easily observed in many transparent crystals, where the color ranges from yellow to violet when viewed at different angles. Pink Kunzite will often exhibit a deeper pink color on crystal terminations due to the pleochroism

Spodumene can grow into enormous crystals. The largest single crystal found is a well-crystallized, 42 foot (12.8 meter) giant. Even the transparent gem forms can come in huge gemmy water clear crystals so large that need to be held with both hands. Spodumene is rarely seen on a matrix as it easily pops out of the host rocks. Because of their rarity, matrix specimens are highly sought after.

Chemical formula $\text{LiAlSi}_2\text{O}_6$

Color White, colorless, gray, pink, violet, green, yellow, brown. Occasionally multicolored, and often displaying strong pleochroism

Streak white Hardness 6.5 -7

Transparency transparent to opaque Specific gravity 3.1-3.2

Lustre vitreous ,silky Fracture splintery

Tenacity brittle *** May Fluoresce white to blue(shortwave) dark orange (longwave)

USES Spodumene is a very important ore of the element lithium. Huge crystals are commercially mined for extraction of this element. The transparent pink and green varieties, Hiddenite and Kunzite, are used as gemstones. Well crystallized specimens are very popular among mineral collectors.

Noteworthy locations : There are also some well- known Spodumene localities in New England, specifically Newry, Oxford Co., Maine; Branchville, Fairfield Co., Connecticut; and the Strickland Quarry, Portland, Middlesex Co., Connecticut. Large white well-terminated crystals once came from Hampshire Co., Massachusetts at both Walnut Hill in Huntington; and at the Barrus Farm in Goshen

Common mineral associations : Quartz, Albite, Lepidolite, Muscovite, Beryl, Tourmaline, Topaz



