



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 2

February 2018

RIMH 2018

RIMH

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Edited by Paul Koczwanski pakman844@aol.com

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



Frozen Narragansett Bay

Upcoming Meeting Details

Executive Meeting date in February is:
Tuesday February 6th. All meetings start at 7pm.

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.

There is no general meeting for this month .



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 TRIPS

To be Announced

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

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 ; Torbernite *****ATTENTION RADIOACTIVE***** USE CAUTION****

Formula:

$\text{Cu}(\text{UO}_2)_2(\text{PO}_4)_2 \cdot 12\text{H}_2\text{O}$

Colour:

Emerald-green, grass-green. leek green, siskin green, apple green

Lustre:

Sub-Adamantine, Vitreous, Waxy, Pearly

Specific Gravity:

3.22

Crystal System:

Tetragonal

Member of:**Autunite Group**

A secondary mineral found in the oxidized zones of some uraniferous copper deposits. Often dehydrated to [metatorbernite](#) (note that also transparent crystals can already be metatorbernite).

Transparency:

Transparent, Translucent

Comment:

Pearly on cleavages, dull when dehydrated.

Streak:

Pale green

Hardness:

2 - 2½ on [Mohs scale](#)

Cleavage:

Perfect

Perfect on {001} micaceous, indistinct on {100}

Density:

3.22 g/cm³ (Measured)

Tenacity Brittle

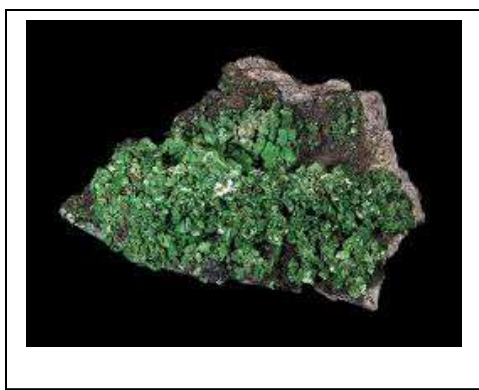
Notes: *****

Radioactive. H₂O content varies with relative humidity. Soluble in acids.

Health Risks:

Contains uranium – always wash hands after handling. Avoid inhaling dust when handling or breaking. Never lick or ingest. Avoid prolonged exposure in the proximity of the body. Store away from inhabited areas.

Found in Connecticut, Massachusetts, New Hampshire and Maine



For More information see Minedat.org