

# The Danburite

*The Danbury Mineralogical Society, Inc.*

*P.O Box 2642, Danbury, Connecticut 06810-2642*

---

June 2013

VOLUME 63

NUMBER 6

PAGE 1

---

NEXT REGULAR MEETING **THURSDAY, JUNE 6, 2013**

**NOTE TIME CHANGE FOR THIS MEETING:**

**MEETING STARTS AT 7:45 PM**

*PLEASE DO NOT ARRIVE BEFORE 7:30; THERE WILL BE AN EVENT AT THE SCHOOL*

THE MEETING WILL BE AT THE **BROADVIEW MIDDLE SCHOOL**  
**72 Hospital Avenue, Danbury CT 06810**

**++ New Entry Procedures for School – See Inside ++**

DMS WEBSITE <http://www.danburymineralogicalsociety.org>

AFMS WEBSITE <http://www.amfed.org/> EFMLS WEBSITE

<http://www.amfed.org/efmls/>

***In case you missed the news:  
Green's Farm has been SOLD.  
(no more collecting at Roxbury)  
That's all, folks!***

***The JUNE Program will be that Amethyst  
video... honest !***

## **President's Message**

Hello people - - -

Here we are at our last "official" meeting before we set up our Show in September!!! That's right sports fans, we only have about 3 months after the June meeting before up to about 17 rock, mineral, jewelry and fossil dealers descend on New Milford High School to entice us with their wares. I would like to ask all of you to please help, if it is all possible, by volunteering some of your time and talents to assist us in continuing to give the public a very interesting and fun-filled time.

In addition, please don't forget our Swap which is scheduled for June 8<sup>th</sup>, from 10-5 (I believe), on the grounds of the Connecticut Antique Machinery Association in Kent, CT. There will be a small "picnic" for members of the club (ONLY! - NOT the general public) after the swap has completed. If U would like to bring a salad, desert, chips, salsa, etc., please do so. The burgers and dogs will be supplied by the club (thru the Wiley's help).

We are in dire need of someone volunteering to be our new club secretary! Unfortunately our current one, Kelli, cannot continue, what with her schedule and such. It's not too much of a big deal, and there isn't much necessary to do other than take down the minutes of our meetings, and hand them to Lizzie so she can enter them in the Danburite. Besides, it can be a lot of fun (as an aside, I've been the secretary for my astronomy club going on about 17 years straight!). Now I'm not saying you need to put in that number of years doing the job; rather we would need your assistance for a few months, until club elections

take place in the November/December time-frame. You might enjoy it enough to volunteer to do it next year even. Try it out, you may like it.

I am in the process of putting together a spreadsheet of all the books we have in the club library (which is in the "playroom" of my house). If you would like to borrow a volume, I would have no problem with bringing in the item you select to the next meeting. Of course we would expect it returned after a month or so. After that, we hunt you down until you return it! We don't want to have any more volumes "disappear" and never find their way back to join their brothers and sisters.

Rick Sinclair has 2 more field trips scheduled. He is leading an "expedition" to the Loudville Lead Mines, Easthampton, MA on June 15<sup>th</sup> (some of the species to be found are galena, wulfenite, cerussite, chrysocola, pyromorphite, and smithsonite), while on July 13<sup>th</sup> he plans to "invade" the Betts Manganese Mine in Plainfield, MA (famous for rhodonite, but rutile, pyrite, goethite, spessartine and rhodochrosite can also be found). Rain date for Loudville is the 22<sup>nd</sup> of June, whereas for Betts it is the 24<sup>th</sup> of July. I am sure Rick will have further information for those of you who might be interested. I have soft-copies of both trips, so if anyone wants to check them out, please let me know.

As you may or may not know, we are thinking about trying to find another location where we can hold our monthly meetings. What with the few problems we had this year so far due to school conflicts (re-scheduled the April meeting to the following week, and a need to start the June meeting a little later. And this does not include the meeting I cancelled because of snow!), we are toying with the idea of a new location to host our merry band, such as a library, community center, etc. If anyone would like to help, or might have a suggestion, please let someone know. It would be GREATLY appreciated.

See ya'all on Thursday the 6<sup>th</sup> starting sometime around 7:40 or so. Remember, the school has another activity planned, and they had asked us to not start our meeting until around 7:45.

Dan

## **FIELD TRIPS (Pending and Recent)**

We currently have two field trips planned:

On Saturday, June 15 (raindate 6/22), we are going to the "Loudville Lead Mines" in Easthampton MA. Meet on-site at 10 am or call to arrange car pool.

On Saturday, 13 July (raindate 7/27), we are hosting the Mid-Hudson Valley Gem & Mineral Society for a trip to the "Betts Manganese Mine" in Plainfield MA. PLEASE NOTE: There is a \$5 charge per person charged by the owners. The property is owned by Earth Dance and is now a retreat center. There are bathrooms available. Please be courteous to the staff if you meet any of them. They live on site.

More information available as individual information pages distributed to club members.

## **Field Trip report for Simpson Quarry Sunday May 19<sup>th</sup>**

*by Rick Sinclair*

Rain and clouds greeted us early in the morning and I almost canceled the trip but the weather report said in the Portland area there was supposed to be only a few showers so we were on!

I arrived at the parking lot at Home Depot at 9:30 figuring it was way early enough to be there before anyone else. I sat and sat and sat. Finally I called home to see if there were any messages. Someone had called 2 minutes earlier to ask if the trip was canceled! Now I was getting nervous. Just calling at 10:15 am? To make a long story short I suddenly spotted Leigh Voytec or rather he spotted me and I found out he had been sitting in his car on the

other side of a small fence in the Taco Bell parking lot. A minute later Dan Garrity and Peg Hendrick showed up. All of a sudden we were in business. Leigh volunteered to play taxi and he drove all of us the rest of the way to the site. On the way into the site we missed the trail because it was sort of overgrown but then realized our mistake and were soon at the Simpson dumps. Along the way we stopped to admire wildflowers growing along the way including wild geraniums and a jack-in-the-pulpit.

We spent a good 4 hours plus digging around and combing the dumps and found several schorl crystals, a few small beryl pieces and some interesting feldspar, quartz and mica specimens. We really enjoyed each other's company and even the late showers that started mid-way through the afternoon couldn't dampen our spirits. The trees were so thick that it caught most of the raindrops anyway so we didn't get very wet. We finally decided to call it a day and hiked back out. I want to especially thank Leigh for being such a gentleman that he carried my pack in and back out of the site since he saw I was having trouble with my legs. If he hadn't I don't know if I would have made it into the site. Everyone seemed to be happy even though we didn't find any "world class" specimens.

We learned a few valuable lessons from this trip. First and foremost, since I arrange the trips I need to be more specific about meeting places if it's in a large parking lot. Above all, it's not always how many specimens you find or how nice they are. What's most important is people enjoying something that they have a common interest in and sharing in the spirit of fun this hobby provides.

### ***Come Check Us Out on Meetup !***

<http://www.meetup.com/Danbury-Mineralogical-Society/>

When you sign up to Meet-up just put Danbury Mineralogical Society into the search engine and it will bring you to our new pages.

You must request to become a member and I will approve by e-mail. (This protects our site from non-members getting personal information and having access to field trip info...non members can read the front page but

can't access the rest, see member's profiles, or interact with the site)

If you have any problems I can assist you.

*- Rick Sinclair*

### **JUNE SWAP**

Once again, the DMS and the Connecticut Museum of Mining and Mineral Science will be hosting a swap/sale on the grounds of the Museum at CAMA. There will be a BBQ for club members and paying vendors; bring side dishes, desserts, etc.

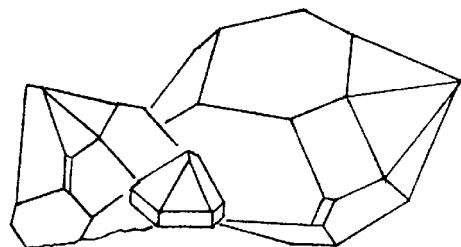
### **DMS Show Stuff!**

Our Show will be the weekend after Labor Day, as usual: September 7 – 8, 2013. We'd like to offer GRAB BAGS again! Please comb your collection, closets, storage crates, etc., for suitable specimens! You can bring them to club meetings, BOD meetings, the June swap, etc. Thank You !

### **REMINDER: New Entry Procedures**

The Danbury school district has enacted new security procedures for all groups using their facilities after hours. We can no longer leave the door open for members to come and go at will. The doors must be kept locked, and someone must be on hand to let people in and out, and confirm that we know them, etc.

This may take a little getting used to. If you arrive between 7 and 7:30, please consider taking a turn as the door-keeper; if you arrive after 7:30 and there is nobody to let you in, please call or text Prez Dan at 845-216-1106 or Lizzie at 203-470-0808, and someone will come let you in. (We plan to have a sign to this effect on the door as well.)



### DMS Hastings Claim

Some of our members have been to our claim, a few more than once! Have you been? Do you have photos to share? Send them here and we'll post 'em for boasting! If you plan to go up, contact Jack or Lizzie or other holders of the secret numbers to get the combination for the lock on our wheelbarrow.

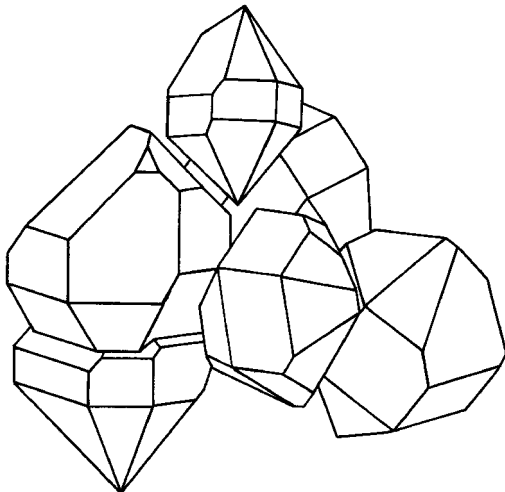
It's been brought up that maybe the club should consider buying a, uhm, not a jackhammer but I think it's called a hammer drill... if this is your language I am trying to speak here, please talk to Prez Dan or VP Rick. Personally I'd like a wire screen... might be fun to have a day workshop where we could make them if people are interested (and someone is willing to plan, shop & teach!).

As you may know, our claim's address is on Stone Arabia Road, in Fonda, NY. If you are interested in the history of Stone Arabia, NY, you can look here for background including historic photos:

<http://fulton.nygenweb.net/Turnpike/Starabia.html>. You may also find this "Herkimer History" site handy! ("[D]esigned to be a quick page for directions to mines that the general public can collect at.")  
[www.herkimerhistory.com/QuickDirections.html](http://www.herkimerhistory.com/QuickDirections.html).

This looked like it had helpful advice on how "not to get lost" :

[http://www.herkimerhistory.com/Mine\\_List\\_and\\_Directions.html](http://www.herkimerhistory.com/Mine_List_and_Directions.html)



It's important to FOLLOW THE RULES so here they are:

1. NO ONE IS ALLOWED ON THE HILL AFTER SUNSET! (NO EXCEPTIONS)
2. There is to be no glass on the hill.
3. Children are welcome to come and dig with you. They are your children and your responsibility. Keep them with you, and under control, and out of other people's claims! Children under the age of 16 must be with an adult.
4. Pets are welcome, but need to be kept on a leash of not more than 8 feet. You are responsible for cleaning up your pet's waste. Due to safety concerns, there will be no exceptions to this rule.
5. The trees are our friends!! There is to be no cutting of trees, or painting on the trees. Linda will decide what gets cut and what does not get cut. Talk to her first.
6. Everyone must do their part to keep DIAMOND ACRES clean. We have a carry-it-in then carry-it-out policy. If you carry it in full you should be able to carry it out empty.
7. After all this time claim jumping still seems to be an issue. If you are caught in another person's claim without permission, you'll be asked to leave. FOREVER. Also do not walk thru other people's claims to get to your claim. This is an example of claim jumping. We are this serious about this matter. When in doubt ask. Who will be the first one booted and put on our new wall of shame?
8. The fee to dig is \$2.00 a day per person. The dig fee is \$1.00 a day 13 years and younger. There is no "I just want to go look." Try going to an amusement park and tell them you want to get in to "just look."
9. IF YOU GET STUCK IN THE PARKING AREA AND MAKE RUTS, YOU ARE

RESPONSIBLE FOR FILLING IN THE RUTS. Early spring and late fall digging is at Linda's discretion. NO EXCEPTIONS.

10. THERE WILL BE ABSOLUTELY NO MOVING OF BOUNDARY ROPES WITHOUT LINDA'S KNOWLEDGE AND APPROVAL. NO EXCEPTIONS.
11. The claims are issued by Linda. Claim fees only cover your claim, and not your digging fees; they must be paid when you come to dig, whether you have a claim or not. Any claim not worked at least once in a 14-day period will result in a forfeiture of the claim. *[note: don't panic, this seems to be enforced only if it seems necessary.]* If claim fees are not kept up to date, you will lose your claim. If this happens, you may put your name on the waiting list for a new claim. There are people waiting for a claim, so if you lose yours for any reason, you might not get the same spot back. Claim holders should come in as early as possible in the spring to get their ropes up and pits in order. This will help to keep others out, by giving the appearance that it is a working claim. Remember the best way to keep unwanted people out of your claim is for you to be in it. Please if you have any questions, or need clarification of the rules please ask. This way there can be no misunderstanding.
12. From October 1 through May 1 digging is restricted to claim holders only. Have a lot of fun and good hunting.

*Notes from Lizzie:* there is a nice latrine building there, however you will want to bring your own toilet paper (just in case) and a flashlight (or illuminated phone – just don't drop it you-know-where!). Also, Linda has crystals for sale at very reasonable prices (or she does sometimes) so you can probably

supplement your haul if need be. The nearest Starbucks is awfully far away, though.

SEND ME PHOTOS for the Danburite !!  
Thanks!!

### **Brad Smith's BenchTips**

#### **EASIER PRONG SETTING**

When setting stones in a prong mount, the tool is less likely to slip off the prong if you grind a groove into its face or rough up the face a bit with sandpaper. Some folks prefer a prong pusher for doing this, and others like a set of pliers.

Easiest way to cut a slot on the pusher is with a file, and the easiest way to create a slot on one jaw of your pliers is with a cutoff wheel and then do a rough polish with a knife-edge silicone wheel.

#### **FANCY RIVET HEADS**

For a nice looking rivet head, use brass escutcheon pins. You'll have perfectly rounded heads that are all the same size and shape. The pins are a little hard to find, so try the best hardware stores first. Be sure to get solid brass pins, not brass plated steel. If unsure, test them with a magnet.

The pins are readily available online. Lee Valley Tools has them in 14 - 18 gauge and lengths from 1/4 inch to 1 inch. Go to <http://www.LeeValley.com> and do an item search on "brass escutcheon pin"

For best results, select a drill that gives you a hole with a close fit to the rivet. Trim the rivet to a leave a little less than one diameter sticking out the back side. Place the head on a scrap of hard plastic on the anvil so as to not flatten the head. I prefer a ball peen hammer (with a small 3/8 inch ball) for setting the rivet.

***[Sorry gang... for whatever reason the image wouldn't stay where I put it, and I don't have a lot of time to waste trying to make an image go where I put it instead of moving... grrr]***

More BenchTips by Brad Smith are at [groups.yahoo.com/- group/BenchTips/](http://groups.yahoo.com/-group/BenchTips/) or [facebook.com/BenchTips](https://www.facebook.com/BenchTips)



## Editorial Ramblings

I probably haven't been doing my duty in keeping the club informed regarding regional and national federation goings-on. Hopefully I remember to put the fall Wildacres info in this Danburite, but aside from that there is a fairly steady stream of requests for donations to raffles and funds and scholarships.

As you may have observed, I am always trying to get the club to spend money on things other than the Museum, whether providing scholarships to local students, or sponsoring a Mindat page, or whatever. Given that we are a gen-u-ine, certified educational non-profit, we really must invest in something! What do you think we should do?

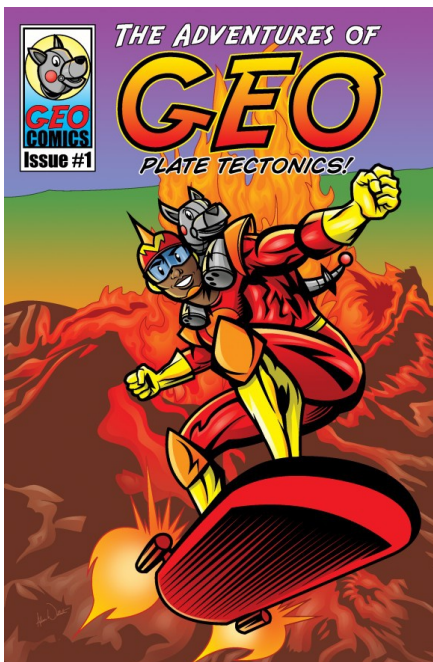
by Lizzie

~~ Fun Stuff ! ~~

## The Adventures of GEO. Issue #1 Plate Tectonics. (as seen in EARTH Magazine)

Yale University mineral physicist Kanani Lee and her husband Adam Wallenta, a comic book writer & illustrator, have teamed up, and with help from the NSF have created a comic book which you can download for free at

<http://adventuresofgeo.common.yale.edu/>



## Stalactite Project

Stalactites and stalagmites found in caves are an impressive feature of nature but they take a long time to form. Let's speed up the process by making our own stalactites and stalagmites. With enough time they might even join in the middle and form a column.

### What you'll need:

- Two glass jars
- A saucer
- Woolen thread
- Either baking soda, washing soda or Epsom salts
- 

### Instructions:

1. Fill both jars with hot water. Dissolve as much soda as you can into each one.
2. Place the two jars in a warm place and put the saucer between them.
3. Twist several strands of woolen thread together before dipping the ends into the jars and letting the middle of the thread hang down above the saucer. The ends can be weighed down with various small, heavy objects to keep them in the jars.
4. The two solutions should creep along the thread until they reach the middle and then drip down onto the saucer.
5. Watch what happens to the experiment over the next few days.
6. Don't forget to wash your hands when you've finished.

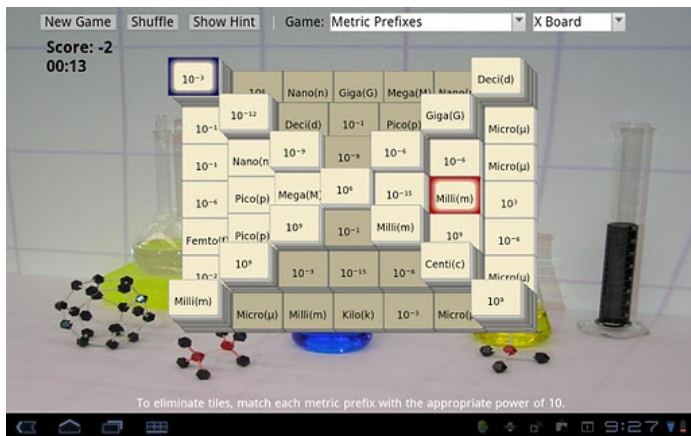
### What's happening?

Over a few days the dripping water will leave behind the baking soda, forming a tiny stalactite (which forms from the roof) and stalagmite (which forms from the ground). With enough time these may eventually join to create a single column. Stalactites and stalagmites are columns of stone which form in underground caves. They are made from minerals dissolved in rainwater that slowly drips from the roofs and walls of caves.

<http://www.sciencekids.co.nz/projects/stalactite.html> via [Slabs & Cabs](#) (thanks, Jeff!)

## MAHJONG CHEM! (the things one can find via Facebook... I tellya)

Brought to you FREE by the Chemistry Department at Stetson University: a chemistry-themed game of mahjong (the easy matching game that characterizes most digital versions, not the real thing). Available to play online at Stetson's hosted site, as well as on Facebook, and from the Chrome, Google Play, and iTunes stores.



There are several choices of format (game shape) as well as for theme. The default seems to be "Oxidation," but there is also "Polyatomic Ions," "Valence Electrons," "Acids & Bases #1," "Acids & Bases #2," "Metric Prefixes," "Solubility," "Van't Hoff," "Isoelectronic," and, THANKS GOODNESS, "Elemental Symbols – Intro," and "Elemental Symbols – Advanced," as well as "Classic Mahjong."

In Oxidation, for example, you have to "match a compound/ion tile with the correct oxidation number tile." I haven't even looked at the other technical ones but if you are scientifically literate, and have a smartphone or iTouch or whatnot, you really might enjoy! Check it out!

<http://www2.stetson.edu/mahjongchem/>  
[https://play.google.com/store/apps/details?id=com.mahjongchem&feature=search\\_result](https://play.google.com/store/apps/details?id=com.mahjongchem&feature=search_result)  
<https://itunes.apple.com/pk/app/mahjong-chem/id416482474?mt=8>

(the Chrome link was messy... but if anyone reading this uses the Chrome store I'm sure you can find it easily enough!)

## Andrew Rogers Land Art

*spotted by Tom Plona*

Andrew Rogers creates art around the world, including sculptures and massive "land art" that can be viewed from space. Here is "A Winding Path A Search for Truth" which is installed in Istanbul.



<http://andrewrogers.org/google-earth-tour/>

## I Dig Archaeology camp for kids ages 9-14

When: July 29 – August 2

Cost: 200.00 plus \$25.00 materials fee

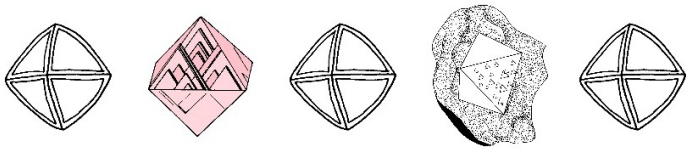
Hours: 9:00am – 12:00pm

Where: High Meadow School science lab (no affiliation w/school) and outside in Stone Ridge (Ulster County NY)

Anyone interested can call Dr. Paynter at 845-679-2430.

Discover a world under the ground as we dig our way to understanding the past. We will piece together artifacts on a simulated dig and then take our new skills out into the field where we will explore an actual site using the tools and techniques of real archaeologists. We will mark potential dig sites and dig some test pits. Next we will lay out excavation units and start from a datum point using a plumb bob to measure the depth. Each new layer of soil, or stratum, will signal a different cultural time period. Shovelfuls of dirt will be sifted through a screen leaving behind artifacts of times gone by. Throughout the process we will be measuring depth, charting locations on a grid, and photographing our progress. As an excavation

team we will re- view our notes, data, and artifact collections and make our inferences about the cultures of the past.



*How about some more GeoWords of the Day?*

**crystal** (crys'-tal) A homogeneous, solid body of a chemical element, compound, or isomorphous mixture, having a regularly repeating atomic arrangement that may be outwardly expressed by plane faces.

**leptynolite** (lep-tyn'-o-lite) A fissile or schistose variety of *hornfels* containing mica, quartz, and feldspar, with or without accessories such as andalusite and cordierite. The term was originated by Cordier in 1868 (Holmes, 1928, p.139). Cf: *cornubianite*. Rarely used.

**live cave** A cave in which there is moisture and growth of *speleothems* associated with the presence of moisture. Cf: *dead cave*. Syn: *active cave*.

**recharge area** An area beneath which water reaches the saturated zone following infiltration and percolation . Beneath it, downward components of hydraulic head exist and groundwater moves downward into deeper parts of the aquifer (Fetter, 1994). Cf: *catchment area* [grd wat]; *discharge area*. Syn: *intake area*.

**waste-injection well** (waste'-in-jec"-tion) A well used for the injection of waste water or other fluids into the subsurface. Because the wastes rarely degrade to an innocuous condition but are simply stored, they are not truly disposed of; hence, this term is preferred to *waste-disposal well*.

All terms and definitions come from the [Glossary of Geology, 5th Edition Revised](#).

## News from Around the Collecting World

*Mini Miners Monthly* for May 2013 was "Diamond Dan's Mineralogical Dictionary for Mineral Collectors, Part 2." It included a "write your own dictionary" section, and a fun article about mineral-themed birthday parties.

*Bulletin of the New York Mineralogical Club.* The NYC club's next meeting will be their Annual Benefit Auction: June 12<sup>th</sup> from 6 – 10 pm at the Holiday Inn Midtown (57<sup>th</sup> Street & Tenth Avenue). Please note the process! "The auction will be held from 6:15 to 9:00 pm in Mezzanine C at the Holiday Inn Midtown Manhattan. You may preview lots from about 5:00 to 6:15 when the activity begins. Make sure you arrive in time to view all the lots. The auction proceedings cannot be interrupted to allow more 'personal viewing.'" If you plan to attend this auction, get a copy of the catalog (contained in their June bulletin) from Lizzie or from NYC editor Mitch Portnoy at [mitchpnyc@aol.com](mailto:mitchpnyc@aol.com) .

*Garnet Gazette* of the Mid-Hudson Valley Gem & Mineral Society

**Call for Entries: Rock, Mineral, and Fossil**

**Photography:** Deadline for submissions:

Friday, August 2, 2013.

Entry Fee: None

More information in the April Danburite and at [http://mhvgms.org/annual\\_show/Call for Entries 2013 Mineral Photography.pdf](http://mhvgms.org/annual_show/Call_for_Entries_2013_Mineral_Photography.pdf) .

Questions please email

[stephanie.p.larose@gmail.com](mailto:stephanie.p.larose@gmail.com) .

**The Patuxent Lapidary Guild**, based out of Ft. Meade, Maryland, hosts a variety of classes in the lapidary arts; it's quite inspirational! You can check out their website at <http://www.patuxentlapidary.org/> and their Facebook page (closed group) at <https://www.facebook.com/groups/285367814833862/> . The Guild is a member of the EFMLS and the AFMS.

**If you are new to the area and/or the hobby, and live in central Connecticut**, you would be well advised to check out "the Meriden club" as well! [Www.lmscc.org](http://www.lmscc.org)



**How to ship rocks safely** : A discussion in one of the many Facebook mineral collecting groups led to someone posting this link to some detailed advice about how to ship your precious mineral specimens, whether for swaps or sales.

<http://distinctionjewelry.com/info/how-to-ship-rocks-safely-in-a-usps-flat-rate-box/>

## Wildacres September 2013

The fall Wildacres workshop will be held from September 2 – 8. The basic cost for the week is \$380; materials fees, and of course transportation, are additional. Wildacres is off the Blue Ridge Parkway in North Carolina, not far from Classes for the fall session include:

- Beading: Bracelet with Cheryl Brown
  - Beading: Necklace with Cheryl Brown
  - Cabochons: Basic with John Milligan
  - Cold Connections with Pat Baker
  - Reactive Metals: Anodizing Titanium and Niobium with Pat Baker
  - Faceting with Steve Weinberger
  - Intersia with Richard Shackleton
  - Basics of Scrimshaw with Sandra Brady
  - Scrimshaw: Color Basics with Sandra Brady
  - Silversmithing: Part 1 with Marge Collins
  - Silversmithing: Part 2 with Marge Collins
- and
- Stained Glass with Tony Johnson

You can read class descriptions and download a registration form at

<http://efmls-wildacres.org/>

## Museums and Other Fun Places

(Got ideas for places we should add? Please send them to [lizziewriter@optonline.net](mailto:lizziewriter@optonline.net).)

### The Bronx Zoo Wildlife Conservation Society

[www.bronxzoo.com](http://www.bronxzoo.com)

(718) 220-5100

From 5/25 through 9/8, the Bronx Zoo will host 16 life-sized animatronic dinosaurs, including Brachiosaurus, T. Rex, and a Triceratops.

## The Institute for American Indian Studies ([www.IAISMuseum.org](http://www.IAISMuseum.org))

**note new website!**

**860-868-0518**

(Please visit their website to see full array of events including children's events and camp information.)

### Artist Corner

IAIS is proud to highlight the twined basketry of **Vera Longtoe Sheehan**, Elnu Abenaki, for the months of April and May. Vera began her journey as a fiber artist as a child. From her father she learned how to harvest and extract the plant fibers ultimately creating twined bags, textiles, sandals and containers in the way her family has for countless generations.

## THIS SATURDAY, JUNE 1:

### Bark Container Workshop

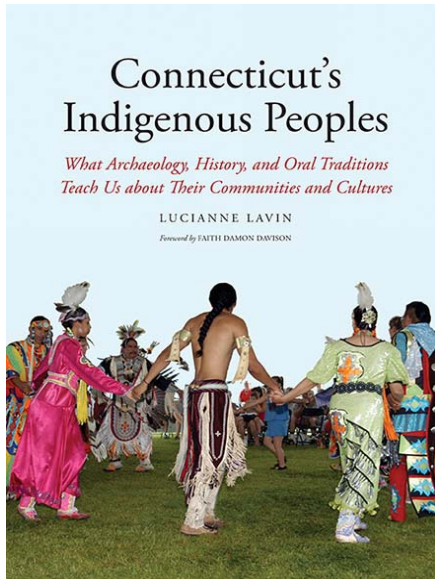
Saturday, June 1<sup>st</sup> 11:00 am – 4:00 pm



Learn to make a bark basket or tray! Under the instruction of Jeff Kalin, Primitive Technologist of Cherokee descent, participants will use stone, wood, and bone tools to peel, fold and sew bark containers.

Fee: \$60; \$50 IAIS Members (incl. materials)  
Please call for reservations. A deposit of \$25 is requested.  
860-868-0518

**Then coming up Sunday, June 9! >>>>**



Don't miss your chance to meet Dr. Lucianne Lavin and purchase a signed copy of her groundbreaking new book that looks at the 10,000-plus-year history and culture of Connecticut's indigenous peoples. **Sunday June 9, 1 – 3 pm.**

This unprecedented look at the history and culture of Connecticut's indigenous peoples from the first settlement of the state to the present day is based on a rich trove of materials, records, and archaeological research.

More than 10,000 years ago, people settled on lands that now lie within the boundaries of the state of Connecticut. Leaving no written records and scarce archaeological remains, these peoples and their communities have remained unknown to all but a few archaeologists and other scholars. This pioneering book is the first to provide a full account of Connecticut's indigenous peoples, from the long-ago days of their arrival to the present day.

Lucianne Lavin draws on exciting new archaeological and ethnographic discoveries, interviews with Native Americans, rare documents including periodicals, archaeological reports, master's theses and doctoral dissertations, conference papers, newspapers, and government records, as well as her own ongoing archaeological and documentary research. She creates a fascinating and remarkably detailed portrait of indigenous peoples in deep historic times before European contact and of their changing

lives during the past 400 years of colonial and state history. She also includes a short study of Native Americans in Connecticut in the twentieth and twenty-first centuries. Connecticut Indigenous Peoples brings to light the richness and diversity of Connecticut's indigenous histories, corrects misinformation about the vanishing Connecticut Indian, and reveals the significant roles and contributions of Native Americans to modern-day Connecticut.

During the months of May and June, **The Four Directions Gift Shop** is offering 10% off, 20% for IAIS Members, on all items over \$5, excluding those on consignment.

### **Repeat: CALL FOR PAPERS:**

13th Mohican/Algonquian people's Seminar  
September 28, 2013, at the New York State Museum, Empire State Plaza, Albany, NY

Please send abstracts to:

Warren F. Broderick

PO Box 124, Lansingburgh Sta.

Troy, NY 12182

Email : [wbroder2@nycap.rr.com](mailto:wbroder2@nycap.rr.com).

Telephone: (518)-235-4041.

**Bruce Museum**

**Greenwich, CT**

<http://brucemuseum.org>

**203-869-0376**

**New York State Museum, Albany NY**

<http://www.nysm.nysed.gov/>

**(518) 474-5877 Free Admission !! closed Sundays**

The Museum offers approximately 12 new exhibitions each year on a wide range of subjects. Exhibitions are often developed with our own extensive collections or traveled from renowned museums across the country.

## ~ Events Calendar ~

### May

**31 – 3 June, Hauppauge (Long Island), NY –** EFMLS Convention & Show organized by: [Island Rockhounds](#) and [Suffolk Gem & Mineral Club](#). Sheraton Long Island (110 Motor Parkway). That's Friday through Monday, yes: Friday includes a lighthouse tour, cracker barrel, and the EFMLS annual meeting. Saturday and Sunday are the shows, banquets, awards & other hoopla. Monday there will be a field trip as yet to be determined. Actual show runs 10 – 5 Saturday and Sunday. Theme: *Long Island Lighthouses and Related Geology*. Direct convention questions to Cheryl Neary [ciervo.neary@gmail.com](mailto:ciervo.neary@gmail.com) or cell 516-449-5341.

### June

**1 – 2, Riverdale, NJ –** Riverdale Outdoor Gem & Mineral Show & Swap organized by the North Jersey Mineralogical Society. Glenburn Estate, 211 Hamburg Turnpike. 9 – 5, rain or shine. FREE ADMISSION to everyone, FREE Picnic Area, and lots of great dealers displaying and selling a vast array of: Gemstones, Crystals, Mineral Specimens, Fossils, Fluorescent Minerals, and Jewelry.

See amazing "glowing" fluorescent rocks and minerals in the big green barn!! Food and refreshments available including the "Famous" Coney Island Brick Oven Pizza!!! Come on out and enjoy a day surrounded by Earth's Treasures, and Nature's Beauty!

<http://nojms.webs.com/riverdaleshowswap.htm>

**1, Macungie, PA –** *Spring Mineralfest* - 60th semi-annual Mineralfest, organized by: [Pennsylvania Earth Sciences Association](#). Macungie Memorial Park (Poplar Street) Indoor / outdoor

**1 - 2 , Hauppauge (Long Island), NY –** EFMLS Convention & Show organized by: [Island Rockhounds](#) and [Suffolk Gem & Mineral Club](#). Sheraton Long Island (110 Motor Parkway, Hauppauge). Theme: *Long Island Lighthouses and Related Geology*.

**8, Kent, CT –** 11th Annual Rock Swap and Sale: 9-4, Rain or Shine. Sponsored by the Connecticut Antique Machinery Association and the Danbury Mineralogical Society to benefit the Connecticut Museum of Mining and Mineral Science. To be held at the museum grounds of the Connecticut Antique Machinery Association, 1 mile north of Kent, CT on Rte 7 (31 Kent-Cornwall Road). Swapping only \$10, Swapping-selling \$30. Rocks, minerals, fossils, jewelry for sale and trade. [Tour the new wing of the mining museum. The museum will be selling specimens from the John Schroder collection.](#) For information and directions, check our website at [www.ctamachinery.com](http://www.ctamachinery.com) or call (860) 927-0050 (museum) or John Pawloski (860) 354-0296. NEW VENDORS WELCOME. <http://www.ctamachinery.com/11th-annual-mineral-and-gem.html>

**8 - 9, Monroe, NY –** Annual Mineral - Gem - Jewelry - Fossil Show, Sell & Swap by: [Orange County Mineral Society](#). Museum Village (1010 Route 17M). 10AM to 4PM each day. Special attraction: Most complete Mastodon found in NY State. Expanded local Mineral collection, and New Fluorescent Mineral display. Special admission for Show and Museum: Adults \$5 and seniors \$3.

### July

**13 – 14, Syracuse, NY – 47th Annual Gem, Mineral, Fossil, and Jewelry Show** organized by: [Gem & Mineral Society of Syracuse](#). [SRC Arena and Event Center](#) at [Onondaga Community College](#) (4585 West Seneca Turnpike). **Theme: Classic Mineral Localities.** 10:00 - 6:00 Saturday and 10:00 to 4:00 Sunday. \$6 adult entry (2-day pass). \$1-off Coupon: <http://www.gmss.us/annual-show/2013-annual-show/2013-show-coupon>

**July (continued)**

**20 – 21, Erie, PA – 44th Annual Gem and Mineral Show & Sale** organized by: [Gem City Rock and Mineral Society](#). JMC Ice Arena (423 West 38th Street); next to the Erie Zoo. Take I-90 exit 27 onto Rt. 97 north to Rt. 505, left on W. 38th Street and left into FREE parking! Saturday 10 – 6, Sunday 10 – 5.  
DEALERS - DISPLAYS - DOOR PRIZES ~  
ACTIVITIES FOR CHILDREN !! Admission: Adults \$3.00; Seniors \$2.00; Children under 12 FREE! Facebook event page: [www.facebook.com/events/397330307020734/](http://www.facebook.com/events/397330307020734/)

**27 - 28, South Burlington, VT – 34th Annual Champlain Valley Gem, Mineral & Fossil Show** organized by [Burlington Gem & Mineral Club](#). Tuttle Middle School (500 Dorset Street, near Kennedy Drive). Theme: *Minerals of New York State*. We will have an exciting slate of speakers lined up for our lectures at the Show! Quality dealers offering minerals, fossils, gems, jewelry, lapidary equipment and supplies. Lectures, exhibits, raffle, hourly door prizes, silent auction, demonstrations, and fish pond for kids (catch a cup of minerals for a quarter). Refreshments available. FREE PARKING. Admission: Adults \$3, Students (6-16) and Seniors \$2, Children under 6 FREE. ([Click here for DIRECTIONS to the Show](#))

**27 - 28 2013, Mattituck, (Long Island), NY – 32nd Annual Mineral, Gem, Fossil & Jewelry Show** organized by [Long Island Mineral and Geology Society](#). Mattituck High School. Hours 10 – 5 both days. Admission \$6. [www.limineralandgeology.com/LiMags/Annual\\_Gem\\_Show.html](http://www.limineralandgeology.com/LiMags/Annual_Gem_Show.html)

**28, Wolcott CT – 9<sup>th</sup> Annual Rockhound Fest – Multi-club Picnic/Swap!** Woodtick Recreation Pavilion, 211 Nichols Road 06716. Noon to 5 pm. RSVP by July 21. RAIN or SHINE. Bristol, Danbury, Manchester, Meriden, New Haven, Stamford & Thames Valley clubs! Event provides hamburgers, hot dogs, buns, rolls, paper plates, cups, utensils, condiments

& soft drinks. There are extensive facilities including refrigerators and power outlets (wifi?? lol)... fishing and swimming available nearby for an additional fee. Door prizes for kids & adults! Mineral/gem sale & swap or displays! YOUR fee is to bring a side dish or other potluck contribution!

You must bring your own table if needed for the sale/swap... picnic tables are needed for PICNIC. A rock splitter will be available for use!

RSVP in time for Jack P. to give our response to the coordinators by JULY 21! That's not unreasonable...

**August**

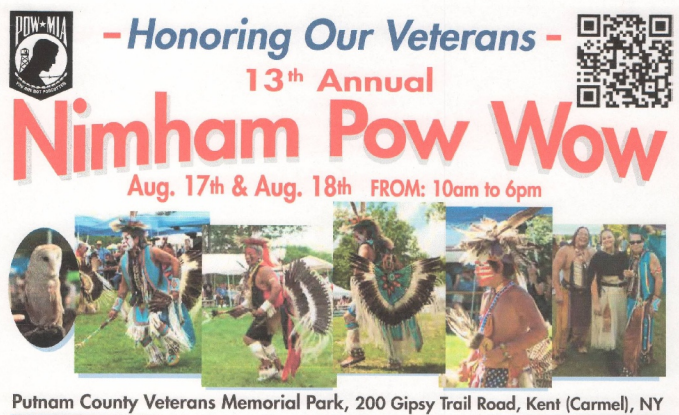
**9 – 11, West Springfield, MA – Wholesale and retail show by Martin Zinn Expositions LLC.** Eastern States Exposition, Better Living Center, 1305 Memorial Dr. Fri. 10-6, Sat. 10-6, Sun. 10-5. Adults \$6, children FREE. 200+ retail and wholesale dealers: minerals, fossils, gems, jewelry, beads, lapidary and metaphysical supplies, display from the Carolyn Manchester collection, free lectures daily, free minerals for kids, mineral identification, gem panning for a fee.

**10 – 11, Adams, MA – 8th Annual Rock, Rattle & Drum Pow Wow: Gifts of the Four Directions.** RAIN or SHINE at Bowe Field, the Adams Agricultural Fairgrounds, Old Columbia Street (off of Route 8). Nammy Award Winner, “Lord of the Strings”, Arvel Bird! Danza Azteca - The Aztec Dancers! / Wolf Cry Singers! A Cultural Council of Northern Berkshire 2013 grant recipient! All tickets are available at the gate. Pow Wow One Day Admission: \$7 Adults; \$5 Seniors 65+ and Youth 11-17; FREE for Children 10 and under. Saturday 10am – 10pm with Grand Entry at 1:00pm. Sunday 10am – 6pm with Grand Entry at 1:00pm. [http://www.healingwinds.net/projects/2013\\_powow\\_summer/index.htm](http://www.healingwinds.net/projects/2013_powow_summer/index.htm)

**17 – 18, Kent, NY – 13<sup>th</sup> Annual Nimham Pow Wow.** Putnam County Veterans Memorial Park (upper park), 200 Gypsy Trail Road, Kent (Carmel). Host: Nimham Mountain Singers / Co-Host: Red Storm Drum and Dance Troupe. Supporting Tower of Hope Foundation & Wounded Warriors. Grammy Winner & 6x



Nammy Award Winner Joseph Fire Crow to perform each day. Native American dancing, vendors, arts & crafts vendors, story telling, children's programs, and more. Info [www.nimham.com](http://www.nimham.com) or call 845-225-8154.



**24 – 25, Madrid, NY** – 46<sup>th</sup> St. Lawrence County Rock & Mineral Club Show. Madrid Community Center, 1835 St. Hwy 345. FREE ADMISSION. All sorts of scheduled events.

*Why list Pow-Wows? Interest overlap can include beads, wampum, arrowheads, knapping, and vendors in common, as well as paleontology...*

### September

**7 – 8, New Milford, CT** – OUR SHOW. 10 – 5 Saturday, 10 – 4 Sunday. New Milford High School Cafeteria, Route 7. Plenty of free parking. Handicapped accessible. Admission: \$5 adults, \$4 seniors/students w/ID, 12 and under FREE as are Scouts in uniform.

**21 – 22, Poughkeepsie, NY** – MID-HUDSON'S SHOW! 10 – 5 Saturday, 10 – 4 Sunday. Gold's Gym Family Sports Complex, 258 Titusville Road. This year will again feature mineral photography by local artists. 30+ dealers, wholesalers, lapidary demos, fluorescent mineral exhibit, six free rocks for kids, and several mineral exhibits. \$5 adults, \$4 seniors, \$2 students, 12 and under FREE with paying adult. [Http://mhvgms.org](http://mhvgms.org)

**18 – 22, Jacksonville FL** – 2013 AFMS Convention & Show sponsored by the Jacksonville Gem & Mineral Society. AFMS and SFMS: Marriott Jacksonville, 4670 Salisbury Road. 904-296-2222 or 1-800-962-9786. Mention AFMS for \$82 room rate – offer expires 8/5/2013. JGMS 25<sup>th</sup> Annual Gem & Mineral Show “Heavens and Earth” September 20 – 22 2013 Morocco Temple. 40+ retail dealers, fantastic exhibits and speakers from around the country. See the NASA Moon Rock, lectures on near earth bodies, meteorites, demonstrations, workshops, hourly door prizes, silent auctions & more. [Http://www.jaxgemandmineral.org](http://www.jaxgemandmineral.org)

You can find gem and mineral show listings in hobby and trade magazines as well as online. Here are some fairly useful websites, and there are also listings at the Federation sites by region.

<http://www.mineralfest.com/calendar.html>  
<http://www.rocksandminerals.org/Coming%20Events/coming-events.html>  
<http://www.rockngem.com/show-dates-display/?ShowState=ALL>  
<http://www.mindat.org/eventlist.php>  
<http://gemshows.blogspot.com/>

**Recommended Site:** Gem, Lapidary, and Mineral Society of Montgomery County MD., Inc., has a page listing shows, lectures and other events:  
<http://www.glmsmc.com/events.shtml>

### Follow-ups

#### Wildacres

“Wildacres is situated on 1600 acres at an elevation of 3,300 feet atop a mountain called Pompey's Knob, near the Blue Ridge Parkway. It is halfway between Asheville and Blowing Rock in North Carolina's Blue Ridge Mountains. “  
 from [www.amfed.org/efmls/wildacres.htm](http://www.amfed.org/efmls/wildacres.htm)

#### Bronx Zoo dinos

<http://www.nydailynews.com/new-york/dinosaur-safari-debuts-bronx-zoo-weekend-article-1.1352166>

<http://www.billingsproductions.com/>

*Mars / Curiosity*

<http://www.geek.com/science/9-months-of-nasas-curiosity-rover-expedition-in-1-minute-1556431/>

The Sarcastic Rover is now on Pinterest. Not sure if it's the Authentic Sarcastic Rover (and you know SR is not the Authentic NASA Curiosity, right?) <http://pinterest.com/sarcasticrover/>

*Climate Change*

<http://www.nytimes.com/2013/05/11/science/earth/carbon-dioxide-level-passes-long-feared-milestone.html>

*Pow Wows*

Pow Wows in New England 2013 season:  
[www.bayrdsindiantradingpost.com/neel.htm](http://www.bayrdsindiantradingpost.com/neel.htm)

**Mineral Club Links**

Lapidary and Mineral Society of Central Connecticut  
<http://www.lmscc.org/> (also on Facebook)

Bristol Gem & Mineral Club  
<http://bristolgem.org/>

Connecticut Valley Mineral Club  
<http://www.cvmineralclub.org/> (also on Facebook)

Stamford Mineralogical Society  
<http://www.stamfordmineralsociety.org/>

Mid-Hudson Valley Gem & Mineral Club  
<http://mhvgms.org/>

New Haven Mineral Club  
<http://www.newhavenmineralclub.org/>

Orange County Mineral Society  
<http://www.orangecountymineralsocietynewyork.com>

The North Jersey Mineralogical Society  
<http://nojms.webs.com/>

North Shore Rock and Mineral Club  
<http://www.nahant.com/nsrmc/2011-Welcome.html>

and there are more to be found at  
<http://www.amfed.org/efmls/clubs.htm>

While looking for more info about one of the shows I came across this site ... mineral hobbyist stuff in the DC area: [http://mc-computing.com/other/Mineral\\_COE.html](http://mc-computing.com/other/Mineral_COE.html). Just in case you'll be traveling that way...

**The DMS is on Facebook!! Are You ?**

There are in fact a lot of rockhounds – and lapidary hobbyists of all types -- on Facebook. Sometimes the link will say “closed group” or you will have to send a request to join, and that is just to try to keep out spammers, so don't worry about it – not a test or anything like that.

So sign in or sign up at [www.facebook.com](http://www.facebook.com) and search for Danbury Mineralogical Society PAGE. Come on, you know you want to!

While you are there, check out the IAIS' page at <http://www.facebook.com/pages/The-Institute-for-American-Indian-Studies/94523613907?ref=ts> and

Rock, Gem and Mineral Clubs at <http://www.facebook.com/RockGemMineralClubs>

You can see lots of fun shared photos (and meet other rockhounds) in the group “The Rockhound Connection”  
<http://www.facebook.com/groups/169785333057/10150901166988058/>

Mindat has a FB “group” page also, at <http://www.facebook.com/groups/mindat/> and there is their sibling page for Gemdat: <http://www.facebook.com/groups/141931992617518/?ref=ts&fref=ts>

American Geosciences Institute has a page at <http://www.facebook.com/agiweb>

PRESIDENT	D. McAuliffe, 29 Cobb Road, Brewster, NY 10509 (845) 279-6415	<a href="mailto:mstrmac29@comcast.net">mstrmac29@comcast.net</a>
V.P.	Rick Sinclair	<a href="mailto:rsinclair03@snet.net">rsinclair03@snet.net</a>
SECRETARY	<b>Pending .... !!</b>	
TREASURER	Laurie Mechanic-Goodman	<a href="mailto:lauriefern@optonline.net">lauriefern@optonline.net</a>
MEMBERS	Gail Washburn	<a href="mailto:gwashburn1@aol.com">gwashburn1@aol.com</a>
AT LARGE	Tony Morasco	
WEBMASTER	<b>help! Need new volunteer!</b>	<a href="mailto:prh@prhackett.com">prh@prhackett.com</a>
Bulletin Editor	Lizzie Triano, 11 Stage Coach Ln., Patterson NY 12563	<a href="mailto:lizziewriter@optonline.net">lizziewriter@optonline.net</a>
Editor Emeritus	Hank Henning	<a href="mailto:hank@bestweb.net">hank@bestweb.net</a>

### AFMS Code of Ethics

- I will respect both private and public property and will do no collecting on privately owned land without the owner's permission.
- I will keep informed on all laws, regulations of rules governing collecting on public lands and will observe them.
- I will to the best of my ability, ascertain the boundary lines of property on which I plan to collect.
- I will use no firearms or blasting material in collecting areas.
- I will cause no willful damage to property of any kind – fences, signs, buildings.
- I will leave all gates as found.
- I will build fires in designated or safe places only and will be certain they are completely extinguished before leaving the area.
- I will discard no burning material - matches, cigarettes, etc.
- I will fill all excavation holes which may be dangerous to livestock.
- I will not contaminate wells, creeks or other water supply.
- I will cause no willful damage to collecting material and will take home only what I can reasonably use.
- I will practice conservation and undertake to utilize fully and well the materials I have collected and will recycle my surplus for the pleasure and benefit of others.
- I will support the rockhound project H.E.L.P. (Help Eliminate Litter Please) and Will leave all collecting areas devoid of litter, regardless of how found.
- I will cooperate with field trip leaders and those in designated authority in all collecting areas.
- I will report to my club or Federation officers, Bureau of Land management or other authorities, any deposit of petrified wood or other materials on public lands which should be protected for the enjoyment of future generations for public educational and scientific purposes.
- I will appreciate and protect our heritage of natural resources.
- I will observe the "Golden Rule", will use "Good Outdoor Manners" and will at all times conduct myself in a manner which will add to the stature and public "image" of rockhounds everywhere.

The Danbury Mineralogical Society Inc. is a non-profit corporation and is affiliated with the Eastern Federation of Mineralogical and Lapidary Societies and The American Federation of Mineralogical Societies. Meetings are held at 7:30 pm on the first Thursday of the month from October to June at Broadview Middle School, Danbury, Connecticut. Visitors and guests are welcome at all meetings. The January meeting is usually a dinner seminar. There are no meetings in July. August is preparation time for our annual mineral and jewelry show in September.

Current membership dues are \$15 per adult individual \$20 per family (including children under 18), and \$10 for students and senior citizens. Only dues-paying members are covered by our liability and accident insurance and may receive the print version of the **Danburite**. **Please be sure we have your CORRECT email address on file! If you absolutely must receive your copy by real mail instead, please let us know that also. Cancellations and other critical updates are disseminated by email and on our Facebook page as well as the website.**

The particular objectives for which this Society is formed are:

- To promote general interest in mineralogy
- To study rocks, minerals, fossils and the lapidary arts through lectures and discussion groups and field trips.
- To encourage the search for minerals indigenous to our areas
- To keep an accurate and permanent record of all mineral localities visited by this society and to make such records available to all members.

*The Danburite* is published monthly except July and August by the Danbury Mineralogical Society, Inc. *The Danburite* may be quoted and unless otherwise noted all material may be reprinted provided credit is given to the author and *The Danburite*. The Editor, the officers of the Danbury Mineralogical Society, and The Danbury Mineralogical Society, Inc., are not responsible for the accuracy or authenticity of information in articles accepted for publication, nor are the opinions expressed therein necessarily those of the editor and the officers and other members of the Danbury Mineralogical Society Inc.

As an educational non-profit society, part of our function is to find and share information that may be of interest to our membership as well as to earth science and jewelry hobbyists in general. Where possible, we attain permission to reprint materials found elsewhere, and consider these excerpts and references to be covered under the Fair Use clause of copyright law (Section 107). Line drawings unless otherwise attributed are from "MinPics" collection purchased from Diamond Dan Publications.

