

# The Danburite

The Danbury Mineralogical Society, Inc.  
P.O. Box 2642, Danbury, Connecticut 06810-2642

DECEMBER 2009

VOLUME 59

NUMBER 10

PAGE 1

NEXT REGULAR MEETING THURSDAY DECEMBER 3, 2009

DOORS OPEN AT 7:00 PM - MEETING STARTS AT 7:30 PM

THE MEETING WILL BE AT THE MILL RIDGE INTERMEDIATE SCHOOL

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

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



PRESIDENT	OPEN
VICE PRESIDENT	Lizzie Triano, 98 Cross Road, Holmes, NY 12531 (845) 878-7635
SECRETARY	Jack Pawloski, Squash Hollow Road, New Milford CT 06776 (860) 354-0296
TREASURER	Pat Hackett 1 Lakeview Road, New Milford, CT 06776 (860) 355-9799
MEMBERS AT LARGE	Hank & Meryl Silverstein, 129 Dannell Dr., Stamford CT 06905 (203) 588-0026 John Schroder, 41 Buddington Road, Shelton CT 064812 note new address Rick Sinclair, 275 South Kent Road, South Kent CT 06785 (860) 927-4454
WEBMASTER	Pat Hackett e-mail <a href="mailto:prhackett@charter.net">prhackett@charter.net</a>
Bulletin Editor	Hank Henning e-mail <a href="mailto:hank@bestweb.net">hank@bestweb.net</a>

## PLEASE NOTE

WE HOPE TO START THE MEETING AT 7:30 SO THERE IS TIME FOR A BUSINESS MEETING AND A PROGRAM.

## DECEMBER PROGRAM

by Jeff Kalin

# FLINTKNAPPING and SILICATES

---

## JANUARY MEETING

WILL BE OUR ANNUAL SEMINAR AT  
**CHUCKS STEAK HOUSE**  
IN DANBURY CONNECTICUT

SEE THE ATTACHED FLYER FOR DETAILS  
AND DINNER RESERVATIONS

SPEAKER AND PROGRAM ARE TO BE  
ANNOUNCED

## DMS OFFICERS ELECTIONS

Elections will be held at the December Meeting  
Candidates nominated at the Nov. meeting are:

President	Jack Pawloski
Vice President	Robert Burke
Treasurer	Patrick Hackett
Secretary	Susan Margolis

Any other nominations will be accepted from the floor at the meeting before the election.

Committee positions will need to be filled asap to help with the annual show in Sept 2010, field trips and programs. Member contributions to the Danburite such as book reviews, news articles and field trip reports are always appreciated. If some folks are willing to help we can expand our club mineral exhibits to other locations besides the Danbury Public Library.

Jack Pawloski has set a date for his proposed  
**Arkansas Excursion**

to collect Quartz Crystals at Mt. Ida .  
The dates you need to reserve are Oct. 23 to Oct. 30, 2010. More details as we get them.

## Broadview School Visit

Last week Bob Burke, Lizzie Triano and Hank Henning visited the classroom/shop of Susan Margolis at the Broadview School near the Danbury Hospital. Susan showed us the large cafeteria / auditorium on the first floor and her classroom and technology shop on the lower floor.



View toward the front of the Technology Classroom

Susan and Bob have been exploring the issues with the School District and have found that it is very possible that we could transfer our arrangements with the School District to this “better equipped” facility. Photos are included here of the Two rooms Susan uses to teach Technology. The cafeteria/ auditorium is larger and has better seating ( the chairs have backs) but otherwise is not too different from where we meet now. It seemed to us that meeting there would be a big improvement.

Lizzie says “It was cool. I like the location. I would definitely vote for the change.

### Minutes of the DMS General Meeting- November 5, 2009

#### Approximately 20 members and guests attended the monthly meeting

Bob Burke was asked if he would volunteer to be Vice President and Jack Paslowski was asked if he agreed to be President. Jack agreed with the caveat that the heavy load, the background work and support normally associated with the presidency be done by the B.O.D.

Susan Margolis volunteered to be the Recording Secretary.

A motion was made to accept the slate of Officers. The motion was seconded and a vote accepting the slate of officers was recorded . Pat Hackett , 2009 Treasurer, gave a quick overview of the finances of DMS saying that we have sufficient operating funds in the bank.

He stated that the insurance has been paid for the year on two existing policies, the accident and the liability policies.

The bill for the rental of the New Milford High School Cafeteria (for the annual show) came to \$1112 and has been paid as has the bill for the



View of the Shop Area



Second view of the Shop Area

Our objective was to evaluate the cafeteria/ auditorium facility for use by the DMS for regular meetings and possibly using the shop space for projects that might include lapidary and other crafts.



View to the rear of the Technology Classroom

use of a Danbury Public School as a meeting place throughout the year. In essence, the bank account holds the same amount as the year previous.

The announcement was made that we are looking for a Show Chairman to facilitate next year's Annual Show.

Gail Washburn and Tony Morasco presented their research on restaurants for the annual Seminar to be held in January. Among the options presented were Franco's, Chucks and Ethan Allen. After comparing the variety and price offered by the different venues, members voted to hold the yearly seminar at Chucks Steak House on January 10<sup>th</sup> using menu option 1. It was suggested that, as the club usually covers a percentage of the cost of each dinner, the club could, perhaps, cover a percentage of the beverage cost as well.

To make a final decision regarding the need for a loudspeaker system for both the show and the meetings various options were discussed. It was noted that an additional speaker was needed to reach all areas of the yearly show room. Concerns about the number of speaker jacks or attachment options were laid to rest as those members familiar with both the system and speakers reassured the membership that another speaker could be attached. The advantage of portability, the fact that a sum of money had already been paid and the information that a similar system could only be assembled with research, time and effort allowed the membership to come to a final decision. A motion was made to rescind the previous no vote for the purchase of the system. The old vote was rescinded. Members were asked to vote to accept the system and to pay the remaining amount. A motion was made and a vote was made to complete the purchase of the speaker system from the Boy Scouts.

An announcement was made that there would be a trip to Mt. Ida in Arkansas for the purpose of quartz collection. A sign up sheet was started during refreshments. Jack Pawloski will be developing the agenda for the trip and any questions should be addressed to him.

Meeting places for the Mineralogical Society monthly gatherings and possible seminars are still being explored. Bob Burke said that the bill for meetings in the Danbury Public Schools has been paid for the (school) year. Discussions with the School District rental office indicate that it will be possible to use the cafeteria at a different school as

long as that school is not booked and to use a particular room if the teacher in that room does not mind. Moving to Broadview Middle School would mean that there would be a \$55 per meeting heat surcharge which will be waived this year because of difficulties in the heating system at the Mill Ridge School where many meetings have been below 60 degrees. In the meantime, Bob Burke has visited the Brookfield Library where he has booked a couple of days to see how the room there will work. He notes that the library might decide to displace the club if they need the room for any reason.

Refreshments were provided by Bob Burke

The speaker for the evening was introduced: Mr. Fritz Moritz presented the History and Minerals of the Quarries at White Rocks in Middletown, CT. Alternating slides of aerial photography taken on dates that were years and decades apart with maps of specific Quarry locations in the White Rocks Area, Fritz took DMS members time traveling through the history of these quarries....

Respectfully Submitted,  
Susan Margolis, Acting Secretary.

## DMS BOD MEETING NOTES

by Hank Henning

As announced via email, there was a BOD meeting at the Windmill Restaurant on 11-19-09

Attendees were J. Pawloski, R. Burke, P. Hackett, S. Margolis and H. Henning.

The visit to the Broadview School was discussed and it was generally agreed that this would be a better place to meet. Arrangement with the School have indicated they are ok with the change in location with a slight change in cost to the club. We might need to change the Day of the week we meet from Thursday to a different evening. It seemed prudent to the BOD that the move to the new location be postponed until after the January and February meetings.

Also, the need for more member participation in the planning and operation of the Annual Show was discussed. Pat Hackett will be able to handle the administrative end of the Show, but the activities of setup and tak edown along with daily activities on Saturday and Sunday need additional support. We also need folks to help out with publicity and advertizing to try to curtail the ever decreasing number of show attendees. The general layout of the Show floor was discussed in consideration of possibly more vendors or more exhibits and perhaps a few demonstration by the members

*Danbury Mineralogical Society, Inc. PRESENTS*  
**The Annual Holiday Seminar Meeting 2010**

***FUN, FOOD, And FRIENDS both Old and New***  
***Plus the chance for easy collecting----- of Door Prizes!!!!***

***Date: Sunday January 10<sup>th</sup>, 2010,***

***Note new location***

**Chuck's Steak House,**

20 Segar Street, Danbury, CT Phone 203-792-5555.

**DIRECTIONS:** from I84 eastbound from New York. Get off at exit 4 in Danbury and go straight thru traffic light at the end of the exit, for about 1/4 mile, Chuck's is on your right. From I84 westbound from Waterbury, get off on exit 4 in Danbury and turn left at bottom of exit ramp. Stay right as you pass under I84 and turn right at the first light and go for about 1/4 mile, Chuck's is on your right.

**COST** per member or member guest is \$18.00. Children under 12 are free.

Please bring your check and menu selection to the December 3, 2009 meeting, or mail your checks and menu selection to Pat Hackett, 1 Lakeview Road, New Milford Ct. 06776 .

If you want to attend but are unable to come to the meeting or mail your check to arrive by Dec. 10<sup>th</sup>, please call Bob Burke at 203-775-7032, or Pat Hackett at 850-355-9799 by Dec.10<sup>th</sup>.

Doors open at 4:15pm with available cash bar and club sponsored hot appetizers until Dinner service starting at 5:00 pm and followed club sponsored Costco cake for dessert. The dinner will be followed with a presentation by our Seminar guest speaker and door prize drawings. If the seminar is canceled we will notify members via phone and email and reschedule a new date asap. We cannot pre-schedule a "snow-date" at this location.

**DINNER** includes Entrée (chose your dinner below) **plus** appetizer, bread., baked potato. salad bar, coffee, tea, decaf and dessert. Other beverages (beer and wine) are not included in the dinner price.

The **Seafood Entrée** is choice of one of two dishes available on that day which not known in advance.

**Children's Meal** – This year, 12 years old and under are paid for by club.

Reservation form to be turned in at the December 3, 2009 meeting

**Member Group/Family Name:** \_\_\_\_\_

**Phone Number with area code** \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

**Menu choice** **quantity for each meal**

1) Prime Rib 8oz. \_\_\_\_\_

2) Sirloin Steak \_\_\_\_\_

3) Lemon Chicken \_\_\_\_\_

4) Teriyaki Chicken \_\_\_\_\_

5) Dijon Chicken \_\_\_\_\_

6) Seafood Entrée \_\_\_\_\_

**Total Adults** \_\_\_\_\_ **X \$18.00** **Amount Paid =** \_\_\_\_\_ **Check Number =** \_\_\_\_\_

Children's Meal for those 12 years old and under, price paid by club

**Menu choice** **quantity for each meal**

1) Mini-Burgers \_\_\_\_\_

2) Grilled Cheese \_\_\_\_\_

3) Chicken Nuggets \_\_\_\_\_

4) Linguini and Marinara \_\_\_\_\_

5) Macaroni & Cheese \_\_\_\_\_

All children's meals include salad bar and drinks.

## Mineral of the Month

# Wulfenite



*Wulfenite* was named after a scientist from Austria, Franz Xavier von Wulfen. Von Wulfen was a botanist (a specialist in plants), a mineralogist (you know, a specialist in minerals), and a Jesuit priest. He was born on November 5, 1728 and died on March 16, 1805. Von Wulfen discovered the mineral *wulfenite* and wrote a scientific paper about the lead ores once found in Bleiberg, Austria.

Wulfenite contains the elements lead (Pb), molybdenum (Mo), and oxygen (O). Its formula is  $Pb(MoO_4)$ ; lead molybdate. It crystallizes in the tetragonal crystal system. Its crystals can be so thin that you can see through them or they can be very thick. Wulfenite is a "secondary mineral." A

secondary mineral is one that forms after a group of minerals have been deposited in a particular place. The most desired specimens are yellow, red or orange. Wulfenite can also be colorless (very rare), gray, brown, and even black. It is fairly soft at 2 1/2 to 3 on the hardness scale. This means it is harder than gypsum and softer than calcite.

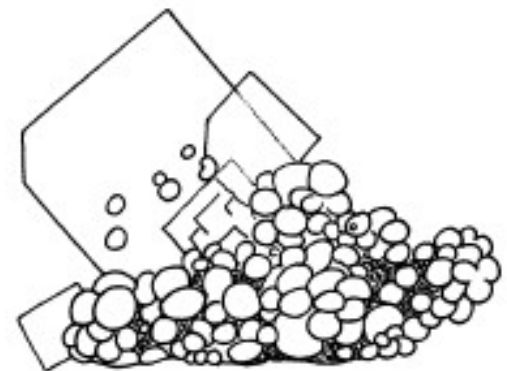
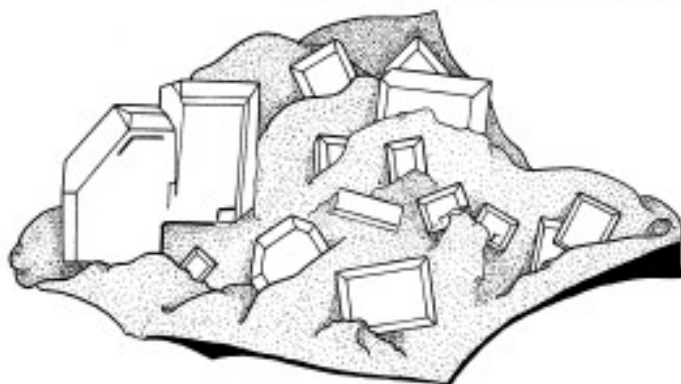
Yellow wulfenite is sometimes called "yellow lead ore" because it is a minor lead ore.

*Above: Franz von Wulfen, public domain.*

*Left: Blocky orange wulfenite crystals from Los Lamentos, Mexico*

*Below Left: Orange-red wulfenite on matrix from the Red Cloud Mine, in La Paz County, Arizona.*

*Below right: Yellow-orange wulfenite on mimetite from the San Francisco mine, Mexico.*



©2009 Diamond Dah Publications. All pictures and articles in this newsletter are property of Diamond Dah Publications and cannot be copied or reused in any format (printed or electronic) without written permission of Diamond Dah Publications, P.O. Box 143, Manchester, New York 14504 or [diamonddah@rochester.rr.com](mailto:diamonddah@rochester.rr.com). Subscriptions: 12 issues (1 year) \$19.95. 24 issues (2 years) \$36.95. Make checks payable to Diamond Dah Publications.

The Danbury Mineralogical Society Inc. is a non profit corporation and is affiliated with: The Eastern Federation of Mineralogical and Lapidary Soc. and The American Federation of Mineralogical Societies Meetings are held at 8:00 pm on the first Thursday of the month from October to June in the Mill Ridge Primary OR Middle School, at High Ridge Road off Mill Ridge Road, 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 the annual mineral and jewelry show in September. Junior Club members meet at 7:00 pm before the regular meeting.

Our last dues increase was in 2002 to cover the increasing cost of the bulletin and liability and accident insurance to cover the members on field trips and other club activities. The current membership dues are \$12.50 per adult individual / \$17.50 per family (including children under 18) \$ 7.50 for students and senior citizens. Only dues paying members are covered by our liability and accident insurance and receive the print version of the *Danburite*.

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.

# *The Danburite*

*The Danbury Mineralogical Society, Inc. December 2009*

Henry Henning, Ed. 1234 Peekskill Hollow Road, Carmel NY

ELECTIONS  
OF OFFICERS  
THIS MONTH