



# The Treasure Chest

NEWSLETTER OF THE NORTH JERSEY MINERALOGICAL SOCIETY  
Charter Member of the Eastern Federation of Mineralogical & Lapidary  
Societies and affiliated with the American Federation of Mineralogical Societies



Volume 72, Issue 8

www.NoJMS.webs.com

Thursday, November 10, 2016

728<sup>th</sup> Meeting – Thursday, November 10, 2016

## PRESIDENT'S MESSAGE

Social/Mineral Sales.....6:30 PM  
Meeting.....7:30 PM  
Program..... 8:00PM - 9:00PM

The November meeting will be important for our club as we will be holding our annual election to fill a few board positions. Bryan Davis and Mike Machette have expressed interest in "retiring" from the board, and we will be electing a new club President. So, the following positions will be open to be filled: President, Vice President and Trustee.

## PROGRAM

TBA

## Speaker

TBA

Nominees for Board positions are:

## Mineral Madness

President: Ron Schulz

Vice President: Steve Wien

Trustee: Dave Miller

Show Chairman/Assistant Treasurer: Jeff Wilson.

## PURPOSE

The North Jersey Mineralogical Society is a non-profit, educational organization founded in 1945 whose goal is to bring together people with an interest in Earth Sciences in general and mineral studies in particular. Guests and prospective members are always welcome. Young people under 17 years of age are welcome to attend if accompanied by a parent or adult friend.

The remaining board members wish to remain in their existing positions. If there are any members that are interested in a board position, or would like to nominate another member for a position, or have any objections, please attend our November meeting and let your voice be heard!

## FOR INFORMATION

Jeff Wilson 973-293-7911 or buckwood4@yahoo.com  
Steve Wien nojms.newsletter@gmail.com

**If inclement weather might cause meeting cancellation**, call the museum, one of the officers, or check the club website. If the meeting is not canceled, please use good judgment regarding the driving conditions in your area and if driving, be careful!

Plans for our Holiday Party are moving right along! The party will be held Sunday, Dec. 4, at 1:00 PM. PLEASE RSVP so we may get an accurate head count for our caterer. There will be fantastic prizes, a silent auction, a voice auction, and more!!!

## SEND DUES TO:

Arlene Castleman  
126 St. Rte. 46 – 40A  
Lodi, NJ 07664  
973-591-1942

## OFFICERS FOR 2016

President Jeff Wilson  
1st VP Ron Schulz  
2nd VP Dave Shapiro  
Secretary Laura Brecka  
Treasurer Arlene Castleman  
Assoc. Treas. Mike Machette  
Newsletter Steve Wien  
Trustees Bob Allen  
Bryan Davis  
Jess Jacobson

Individual members: \$15.00  
Married couples: \$20.00  
Family: \$30.00

Our club owes a LOT to the fine folks at Sterling Hill Mining Museum. They have helped us out so much, and are like members of our family. To say Thank You, we are adopting the picnic area next to the pavilion! We will have a work day/bbq for anyone who wants to volunteer, in the early spring, to clear out the area, trim weeds and trees, and lay down pavers. We will be dedicating the area to the memory of Sarna Strom, a club member and big supporter of Sterling Hill, who passed away 2 years ago. This will be a fun project, and will brighten up an area of the museum grounds that could use it! The date/time will be announced soon!

Jeff Wilson – President

**December 4, 2016  
Paterson Museum  
Paterson, NJ**

**Annual NoJMS Holiday Party  
1pm-5pm**

**PLEASE RSVP to Jeff Wilson  
([buckwood4@yahoo.com](mailto:buckwood4@yahoo.com)) or Ron Schultz  
([RLBJS@verizon.net](mailto:RLBJS@verizon.net)) so we may get an accurate  
head count for our caterer.**

**There will be fantastic prizes, a silent auction, a  
voice auction, and more!!!**

**Blast from the Past!!**

This announcement was found in the May, 1971 issue of Rocks and Minerals Magazine!

The North Jersey Mineralogical Society has announced it's Board of Directors for 1971.

President: Emil Hladky, Ridgewood, NJ  
1st Vice Pres.: Charles Franz, Fairfield, NJ  
2nd Vice Pres.: Jack R. Troy, Palisades Park, NJ  
Secretary: Max Chessin, Fair Lawn, NJ  
Treasurer: Rita Baker, Fort Lee, NJ  
1 Year Trustee: Henry Lammers, Rutherford, NJ  
2 Year Trustee: Frederick Kraissl, N. Hackensack, NJ  
3 Year Trustee: Richard Stone, Clifton, NJ

The Society will hold its monthly meeting in Upper Montclair, where the discussion will revolve around spring collecting trips. The speaker of the month will be Dr. Marie Kuhnen, who will speak about her recent camping trip to Iceland, and the Helka volcano, where she witnessed an eruption!

**KIDS CORNER!**

by Jeff Wilson

I came across a wonderful website the other day that is geared for kids, just starting their own mineral collections. It gives great information about minerals, how to collect them, label them, clean them, and display them. It has helpful hints about our hobby and activities for kids.

The website even has a template for making your own mineral labels! (great for kids and adults!)

With your parents OK, visit this really cool website and learn all about mineral and rock collecting!

The website address is: <[www.kidsloverocks.com](http://www.kidsloverocks.com)> and is kid-friendly!

**NOTE FROM OUR EDITOR**

I hope you all enjoy this month's newsletter! I am still reaching out to everyone to request that you please send something in to me relating to rocks, fossils, minerals, gems and collecting in the field. If you see an article, stumble upon news somewhere (it doesn't have to be about New Jersey), or have photos of that "prize" possession, please send it in and I will be sure it gets in the newsletter. Thank you all for your time.

**Washington Mines at Otisville, NY Field Trip Report**

By Jeff Wilson

10 NoJMS members attended our first official field trip to these historic mines in Orange County, NY. After a 1-mile hike to the site on the former New York Ontario & Western Railroad bed, we climbed a short distance uphill and we visited the adit to Mine #1. There are 6 mines all together at this site. The mining explorations started in the mid-1800's and the last recorded mining at this site was in 1907. The mines have remained virtually untouched until they were re-discovered a couple years ago. Adit #1, and the spoils pile are the lowest on the mountain. The main mineral at #1 is Galena, with some crystallized brown sphalerite. We then climbed about 500 feet up the hill to Mine #2. This mine also has an open adit, but the tailings pile is small, and not much mineralogy was found. Then we went another 500 feet uphill to Mine #3. The adit to this mine has collapsed, but the tailings pile is rich with quartz crystals, sphalerite crystals and cubes, chalcopyrite, and some pretty colored rock. Mine #4 and 5 are slightly uphill, and are only pits, and their tailings are void of any decent minerals. About 50 feet above is the last mine, #6. This mine produced excellent specimens of azurite, malachite, and beautiful specimens of shiny silver galena. We spent the most time here, and members collected great specimens. It was a fun day, a great hike, and great mineral collecting! The trip was led by Jeff Wilson. Members attending were: Mike Dunton, Dave Miller, Jess Jacobsen, Ron Schulz, Mark Williams, Frank Arrojado, Bob Allen, Gary Quam, and Linda Lovstad

**Field Trip Report: Lime Crest Quarry – Revisited!**

by Jeff Wilson

For the first time in over 10 years, mineral collectors have been granted access to the world-renowned Lime Crest Quarry in Sparta, NJ!! Thanks to the efforts of the Franklin-Ogdensburg Mineral Society, and Braen's Stone, Inc., on October 15th, about 45 members of FOMS (several of whom are also NoJMS members) were granted a 3-hour collecting trip into LimeCrest quarry, which was, until last year, filled with over 180 feet of water. Since Braen's bought the quarry from Tilcon, they have de-watered the main pit, and have re-started quarrying operations.

Collectors were allowed to drive their vehicles almost to the bottom of the pit, and that was a huge plus, because years ago, when trips were regularly scheduled to the quarry, collectors had to park at the top and walk down the ramps into the pit.

The collecting was exciting to say the least! No one knew what we would find, but it sure was fun looking. After a slow start, word spread of some nice finds coming out of the rubble piles, and everyone was finding specimens when the day drew to a close. Countless full buckets of minerals were recovered from the quarry. Some of the minerals found were rose quartz, salmon calcite, apatite, serpentine, mica, nordbergite, allanite, scapolite, and much more! Thanks to FOMS for arranging the trip, and Braen's for granting access to the mineralogical community once again! NoJMS members in attendance were Jeff Wilson, Dave Shapiro, Bob Horn, Gary Muldovany, Heather Muldovany, Jim VanFleet, Linda Lovstad, Rich Keller, and Johan Maertens.

**FIELD TRIP SCHEDULE FOR 2016**

Nov. 5, 2016 – Montague Quartz Site/Trilobite Ridge, Montague, NJ to collect quartz crystals & trilobite fossils. LIMITED TO 15 MEMBERS. Sign up with Dave S.

Details will be available on our club website, at upcoming club meetings or you can contact Dave Shapiro at [dshapiro33@gmail.com](mailto:dshapiro33@gmail.com)

Check our website often for trip updates!

**MINUTES OF THE 727<sup>th</sup> NoJMS MEETING**

The meeting was called to order by Jeff Wilson, the President, on Thursday, October 13, 2016.

The membership was invited to a memorial for Jack Troy inclusive of a buffet, hosted by Eric Bennett, his son-in-law. This was scheduled for October 15, 2016, in Nanuet, New York.

The membership was asked to assist in promoting our annual North Jersey Gem, Mineral and Fossil Show by keeping an eye out for available sources of free advertising.

Arlene Castleman, the treasurer, reported that the finances for the club are healthy.

Donations from the Franke estate were used for the mineral madness, silent auction and carnelian giveaways held during the evening. This adheres to the family's wishes of giving to the club members.

Howard Heitner presented "Pseudomorphs in Mineralogy." A pseudomorph occurs when the original shape of a specimen does not change yet, the color, hardness and other characteristics transition. Through time there is the replacement of one mineral by another.

Respectfully submitted,  
Laura Brecka, Secretary

**April 1 & 2, 2017  
Midland Park High School  
Midland Park, NJ**

**28<sup>th</sup> Annual North Jersey Gem, Mineral &  
Fossil Show**

**250 Prospect St. (Just off Rt.208 & five miles from  
I-287) Midland Park, NJ**

**Sat.: 10am-6pm; Sun.: 10am-4pm**

**See website for more details!**

**Our 2<sup>nd</sup> year at this great location!**

UPCOMING EVENTS

November 5 & 6, 2016 - Mountainside, NJ - Trailside Mineral & Fossil Show, Trailside Nature Center, 452 New Providence Road, Mountainside, NJ. Sponsored by the New Jersey Mineralogical Society

November 5 & 6, 2016 – Greenwich, CT – 28<sup>th</sup> Annual Gem, Mineral, Jewelry & Fossil Show

November 12 & 13, 2016 – New York, NY – 22<sup>nd</sup> Annual Fall New York City Mineral, Gem & Fossil Show at the Holiday Inn, Midtown

**Dec. 4, 2016 – Paterson, NJ – Annual Holiday Party Paterson Museum, 1:00-5:00pm**

2017 SHOWS/EVENTS

March 4 & 5, 2017 – Wilmington, DE – 54<sup>th</sup> Annual Gem, Mineral & Fossil Show

**April 1 & 2, 2017 – Midland Park, NJ – 28<sup>th</sup> Annual North Jersey Gem, Mineral & Fossil Show**

April 7, 8, 9, 2017 - Edison, NJ - The Annual NY-NJ Mineral, Fossil, Gem & Jewelry Show  
<http://www.ny-nj-gemshow.com/index.php>

April 22, 2017 – Sterling Hill Super Dig

April 22 & 23, 2017 - Annual Spring Franklin Gem & Mineral Show & Swap, Franklin Elementary School, Washington Ave. Franklin, NJ

April 22 & 23, 2017 - Ogdensburg, NJ – Annual Sterling Hill Garage Sale

April 22 & 23, 2017 - Franklin, NJ - Annual NJ Earth Science Association Show at the Washington School

**May, 2017 – Ogdensburg, NJ – NoJMS Spring Swap & Sale at Sterling Hill Mining Museum**

June 3, 2017 - Spring Mineralfest - Macungie, Pennsylvania - 68th semi-annual Mineralfest

June 3 & 4, 2017 - Monroe, New York - Annual Mineral, Jewelry, Gem & Fossil Show

NOTE FROM OUR TREASURER

Please fill out the enclosed membership application from the back of the newsletter and mail it with a check or bring to the next club meeting. We need you to please pay your dues via check as we have a lot of fun activities planned for this year. Please note the change in dues. Thank you.

SYMPOSIUM & FIELD TRIP

Friends of Mineralogy - Pennsylvania Chapter will hold its 2016 symposium for mineral collectors at the Hackman Physical Sciences Building (parking lot off Harrisburg Pike), Franklin & Marshall College in Lancaster, PA, on November 5 (doors open at 8:30am), with a field trip on November 6. The theme is Pennsylvania Mining and Mineralogy, and we have scheduled four interesting presentations by expert speakers:

- Robert Kulp: Dunite in the Serpentinites of the Pennsylvania-Maryland Chrome Mining District;
- Ryan Mathur, PhD: Cenozoic mineralization ages for sulfides and calcite in Pennsylvania;
- Stan Mertzman, PhD: Hawaiian minerals and geology (Pennsylvania students' experience);
- Bill Stephens, PG: Lapidary Grade Agate and Other Semi-Precious Gemstones from the Penn-MD Serpentine Quarry, Lancaster County, PA;

As usual, select mineral dealers will be present, and there will be a silent auction, give-away table, refreshments, and plenty of opportunities for visiting with fellow enthusiasts.

Registration (form on web site): Current members \$ 15.00 Non-members \$ 25.00 Students with student ID free

Field Trip Location to be announced. Sunday Nov. 6  
Open only to symposium registrants.

Visit our web site for details, registration form, changes and updates: [www.rasloto.com/FM](http://www.rasloto.com/FM)

**Lime Crest Quarry: Eons in the Making, Men and the Mining**

Open houses to a historical exhibit

Sparta Historical Society will feature in the Van Kirk Museum, the first major exhibit on this important and historic quarry. It will explore the geology, minerals, men, and companies, that held an interest in the quarry's development over the past 125 years including Thomas Edison's involvement. Exhibit is sponsored by Braen Stone of Sparta.

November 27          2PM talk

Contact Information:

Sparta Historical Society

973-726-0883

spartahistoricalsocnj@gmail.com

More Details;

<https://www.tapinto.net/towns/sparta/articles/lime-crest-quarry-eons-in-the-making-men-and-th>

and

<https://www.tapinto.net/towns/sparta/events/lime-crest-quarry-eons-in-the-making-men-in-the-4>

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## NERF Ball 2016

The FMS Northeast Region Fluoresophiles (**NERF**) **Ball** will be held on Saturday, 12/3/16 at the GeoTech Center of the Sterling Hill Mining Museum in Ogdensburg, NJ. The meeting runs from 9 AM until 4 PM. All FMS members are invited, as are prospective FMS members and members of other rock clubs. As usual, an enjoyable and informative program is scheduled:

Donna Beaton, G.G., Colored Stones Technical Advisor and Director of Gemology Content/Education at the Gemological Institute of America, will lead a discussion of *Determinants of Color in Natural and Treated Tanzanite*. A presentation and show-and-tell on *Fluorescent Minerals from the Merelani Hills* will accompany her talk.

Andrea Cavagna, Ph D., of the Institute for Complex Systems (ISC-CNR) and of the University Sapienza, Rome, will tell us how theoretical physics informs the understanding of collective behavior in biological systems in *Particles, Waves, and Starlings*.

Howie Green, FMS VP, will continue on the theme of understanding the collective behavior of less complex biological systems by dancing on the tightrope that is *The Perception of the Fluorescent Mineral Enthusiast in the Eyes of the Great and Powerful*. Dick Bostwick will expand upon the topic and try and help Howie keep his balance.

Mark Cole, Chief Cook and Bottle Washer at MinerShop, and the manager of the FMS Facebook Group, will demonstrate the latest techniques in *Photography of Fluorescent Minerals; for the Beginner and the Expert*.

We'll have a display and discussion in which *Alkaline Intrusion Complexes Bring Leucophanite to New Jersey*.

The *Mineral Sell/Trade-a-Thon Extravaganza* will continue during the entire course of the meeting. Last year's turnout was widely held to be the most productive and active exchange of local and worldwide fluorescent minerals EVER. In any event, BRING TONS OF ROCKS TO SHOW, SWAP OR SELL!

The infamous *NERF Lunch Players* will be up to their usual culinary tricks, and **new food donors will be rewarded**. Bring \$10 to cover food expenses. As always, BYOBeer!

**Safe passage from the SHMM parking lot to the GeoTech Center** bypassing the steep staircase can be achieved as follows: while facing away from the Museum office, proceed through a gate on the left in the middle of the lot.

Continue down the ramp and follow the fluorescent ribbon (noggin alert through the tunnel!).

It is **ESSENTIAL** that each attendee RSVP to Howie Green at [howie@uvminerals.org](mailto:howie@uvminerals.org) for meeting **attendance, menu coordination and participation**, and to **suggest or present topics** at the meeting. As always, and most importantly, please tell your friends (if you have any).

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**Supplemental (E-Newsletter Only)**

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The Washington Mines at Otisville, NY Field Trip Photos  
Photos by Jeff Wilson





Lime Crest Quarry Field Trip Photos – October 15, 2016  
Photos by Jeff Wilson









**The North Jersey Mineralogical Society**

**MEMBERSHIP APPLICATION**

Name of Applicant \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Telephone Contact \_\_\_\_\_

E-Mail \_\_\_\_\_

Additional Family Members \_\_\_\_\_

\_\_\_\_\_

Today's Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Renewal \_\_\_\_\_ New Membership \_\_\_\_\_

Individual Membership \$15 \_\_\_\_\_ Couple \$20 \_\_\_\_\_

Family Membership \$30 (2 Adults, up to 3 kids) \_\_\_\_\_

If you would like to join The North Jersey Mineralogical Society, Please fill out this form, enclose form and check for dues, and mail to:

Arlene Castleman, Treasurer 126 US Route 46 East - 40A Lodi, NJ 07644-3630

NoJMS is a 501(c)3 Non Profit Educational Organization. Your dues pay for membership in the Eastern Federation, and pays for your insurance which allows us to attend field trips, shows, and events. Membership entitles you to our club newsletter, club patch, membership card, and participation in club field trips, shows, events, and parties.