



# UPCOMING SHOWS

## & Events

**December 1-2** 10am- 5pm

**Suffolk Gem & Mineral Club**  
**Our Lady of Mt. Carmel, Patchogue, NY**

**December 8** 12:30 –2:30pm

**Geology and Mineralogy of the Inwood Marble, NYC**

By Dr. Charles Merguerian

Hofstra University and Dukelabs

Location: Garvies Point Museum and Preserve

\$3.00 admission: Children 5-12 years: \$2.00

(includes lecture and museum)

**March 2** 10:00am-6:00pm

**New York City - Holiday Inn, 440 W 57 St. NYC:**

**March 3** 11:00am-5:00pm

Admission is \$6.00; kids under 12 are free. Lectures, 20  
and wholesale

top dealers, retail

***For other Gem and Mineral shows:***

<http://www.amfed.org/EFMLS/calendar.htm>

**www.suffolkgem.com**

P. O. Box 302  
Bohemia, L.I., NY  
11716



*To promote cultural, educational, and  
scientific interest in mineralogy, and  
develop member's skills in lapidary arts  
and jewelry crafts*

**November 2012**

# THE CONGLOMERATE

*The Monthly Newsletter of the Suffolk Gem & Mineral Club, Inc.*

Monthly Club meetings held at the Bay Shore-Brightwaters Library, Montauk Highway, Brightwaters starting at 8:00pm.

Refreshments served at 7:30 pm.

## CLUB OFFICERS

*The Conglomerate Editor - Cheryl Neary*  
*Club Webmaster - Kerry Dicker*

President –	Kerry Dicker	631-277-0994	Director - Elaine Casani	631-567-3342
Vice President –	Charles Runko (cell)	631-486-4549	Director – Martin Besso	631-666-8023
Treasurer -	Roberta Besso	631-666-8023	Director – Dorothy Scott	631-281-8555
Secretary –	Kerry Ann Hilliard	631-277-0994	Director – Cheryl Neary (cell)	516-449-5341
Liaison -	Charles Runko (cell)	631-486-4549	<i>Historian - Kerry Ann Hilliard</i>	631-277-0994

**Cell phones are to be turned off during all Club meetings.**

**More importantly, there should be no disturbances during any guest presentations.**



### Happy Birthday Wishes!

**May Your Year  
Be Filled  
with Hugs & Kisses!**

**Ruth Coffey   Judy Miller  
Claus Rust   Mary Mazeau   Connie Rabar  
Chris Marotta   Jesse Simicich**

### Presentation Sponsored by

The Nassau Mineral Club and The Friends of Garvies Point Museum

**“Geology and Mineralogy of the Inwood Marble,  
Northern Manhattan, NY”**

By Dr. Charles Merguerian, Hofstra University and Dukelabs

Location: Garvies Point Museum and Preserve  
50 Barry Drive, Glen Cove, NY 11542

Date & Time: Sat. December 8, 2012 1:00 P.M. - 2:30 P.M.

Arrive at 12:30 PM to greet and mingle. Refreshments.

\$3.00 admission: includes lecture and museum

Children 5-12 years: \$2.00- All ages welcome.

Samples for the youngsters will be available.

### Field Trip:

Island RockHounds is planning a trip to Big Brook, New Jersey in the Spring.

LIMAGS is planning a Spring/Summer 2013 trip to Poland Mines, Maine

If interested in any field trips, please speak with Cheryl Neary.



Many of our members have been severely affected by the storm, with some becoming homeless.

This devastating storm, although an act of nature, has caused such grief and hardship for many. It also brought out some good qualities of our fellow neighbors.

It is time to heal and for many of us truly a time to give thanks.

If there is anything any club member can do for any of our club members, please let us know.

The Board

### This Month's Meeting: 11/19/12

Lecture by Terry Szenics, a local collector and dealer on

“One of the most notable finds of the 1960s;  
Collecting of purple apatite at the Pulsifer  
Quarry on Mt Apatite in Acton ME.”

### Check out the website!

Kerry Dicker has been busy updating the webpage. If you have any suggestions, please see Kerry!

## Let the Adventures Begin! The Story of Quartz

One of my favorite pieces of jewelry (I have many favorites!) is a tigers eye pendant. The tigers eye is from South Africa and was wire wrapped by Franko.

**Tigers Eye**, is a member of the quartz group-chalcedony- composed of silica dioxide and colored mainly by iron oxide. It has a hardness of 7.0 on the Mohs scale.

It is a classic example of the replacement of silica with fibrous minerals. This replacement creates an optical reflectance effect, known as chatoyancy. The word chatoyancy is coined from the French “oeil de chat” meaning “cats eye”.

Chatoyancy also occurs from the fibrous inclusions or cavities within a stone, such as in cat’s eye chrysoberyl, known as Cymophane.

Tigers eye has a silky appearance with wavy parallel lines which seem to move when the stone is turned.

At one time it was believed that tigers eye is a pseudomorph of Crocidolite where the crocidolite fibers are replaced by quartz and the hydrous iron oxide goethite, giving tigers eye the golden brown color. However, in 2003 Heaney and Fisher theorized that quartz and crocidolite crystals support a syngenetical (simultaneous) formation.

**Tiger iron** is comprised of wavy bands of tigers eye, red jasper and black hematite. Marra Mamba is a rare form of tiger iron and is found in Australia near Mount Brockman. Marra Mamba is found in shades of red, yellow, green and blue.

Tigers Eye is usually golden to a reddish-brown in color with a silky luster.

Tigers eye is the planetary stone for Gemini. (No wonder I have an attachment to it!)



**Outside  
the  
BOX!**  
**A synopsis of last  
month’s meeting**

Just in time for Halloween, KerryAnn taught us how to spin our own spider suncatcher or necklace utilizing wire, beads and patience! I wore mine on Halloween and received quite a few positive remarks!

*Thanks again KerryAnn for providing us with an entertaining project and evening!*

(If you missed out on the project, please visit the website to view a finished product!)

Terry and Marissa Szenics, discovered in a small copper mine in northern Chile a dark green mineral with a pearly luster. They originally thought the mineral was lindgrenite.

The mineral they discovered was found in a matrix rich in molydenite and copper-bearing powellite. This discovery occurred in January of 1993. Through the Aurora Mineral Corporation, the Szenics submitted the mineral to the Harvard Mineralogical Museum for identification. The X-ray diffraction pattern indicated that the mineral was not lindgrenite. Further chemical studies proved the mineral was new to mineralogy and the mineral was shown at the Tucson Show in February of 1993.

The name of the mineral discovered by the Szenics – szenicsite!

## Suffolk Gem & Mineral Show

**When: Friday, November 30<sup>th</sup>  
Saturday, December 1<sup>st</sup>  
Sunday, December 2<sup>nd</sup>**

**Where: Our Lady of Mt. Carmel  
North Ocean Avenue, Patchogue**

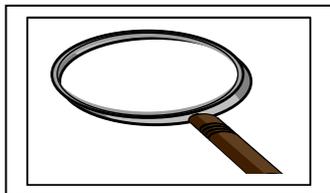
There will be a signup sheet at the meeting for the different positions volunteers are required. You must be available for at least four (4) hours. Everyone is expected to participate. If you would prefer, we will gladly assign you to a position!

**We are requesting that each member donate rocks, minerals and/ or fossils for the scavenger hunt. Specimen should be no larger than 2 inches. Please bring to the November meeting.**

### 2012-2013 UPCOMING MEETINGS

#### Save the Dates!

November 19<sup>th</sup> - Lecture  
-December 1-2: *Annual Gem, Mineral,  
Fossil & Jewelry Show*  
*Our Lady of Mt. Carmel RC Church*  
*North Ocean Avenue, Patchogue*  
December 17<sup>th</sup>  
January 6<sup>th</sup>  
February 4<sup>th</sup> (Note: 1<sup>st</sup> Monday due to Holidays)  
March 18<sup>th</sup>  
April 15<sup>th</sup>  
May 20<sup>th</sup>  
May 31<sup>st</sup> - June 2<sup>nd</sup> -  
EFMLS  
Joint Convention Show  
June 17<sup>th</sup>  
No meetings July-Aug  
Picnic-date to announced



### News from Above:

#### EFMLS & AFMS News:

The AFMS Web Site competition was started in 2009 in order to improve the quality of club websites, increase the effectiveness of the internet world in attracting new members to our hobby and to keep members up-to-date. Competition is at two levels, with the top three entries in each region (there are 7 regions) being forward to the AFMS levels for judging. This years' entries are due by

January 01,2013. Besides being possibly acknowledged at the top, this venue provides constructive criticism on what they need to improve, as well as, encouraging them in what they have been doing right!

*Please encourage Kerry Dicker to participate in this contest!*