



WAYNE COUNTY GEM AND MINERAL CLUB NEWS

VOLUME 35 No. 10 SEPT 2009



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Julie Zeller

President's Message

We're on the road. There's lots to see.

The bend of the branch in a neighboring tree.

Bill looks deep in the roots of the ground,

Only when the hole's empty, do we see the furrowed brow.

Our necklaces do glitter, the rocks they do sheen.

A thing of true love are the rocks that we've seen.

The reds and the golds, gray dolomite by the ton.

So many rocks to see when the day's work is done.

What I'm trying to say, in my fractured prose'd way.

We wish all you well & come look one fine day. **Pat**



AEG Grants and Scholarships

The AEG Foundation is dedicated to advancing research, student and professional education, and public awareness in the field of engineering geology and the related fields of environmental geology and hydrogeology through support of publications, speakers, programs, research grants, scholarships, advanced practice specialty conferences, and maintenance of archival data. The programs of the Foundation are supported by public and corporate donations and by bequests. The AEG Foundation manages ten funds including four scholarships. The **Lemke Scholarship Fund** was established in 2007 with a bequest from the estate of Richard and June Lemke. The fund supports student members of AEG who are sole or first authors of papers or posters presented at AEG Annual Meetings or at selected meetings of other professional or scientific organizations with which AEG is affiliated. The Marliave Scholarship Fund was established in 1968 by the Association of Environmental & Engineering Geologists (AEG). The fund name honors an eminent family of engineering geologists: Chester E. Marliave (1888-1958), and his sons Elmer C. Marliave (1910-1967) and Burton H. Marliave (1917-1991), who were pioneers in the profession. The funds are distributed as grants, which are intended to support academic activity and reward outstanding students in engineering geology and geological engineering. Recipients of grants are designated as "Marliave Scholars." Continued on page....

COUNT DOWN TO THE 2009 "OCTOBER SHOW"

The Wayne County 2009 in Newark, NY show will have set up on Oct. 2 for the show on Oct 3rd and 4th. Pass this info! CONTACT: Andrea Kords (315) 986-1171

(continued from cover page.....) **AEG Grants and Scholarships**

The Martin L. Stout Scholarship is in memory of Dr. Martin L. Stout, Professor of Geology at California State University, Los Angeles from 1960 to 1990. He is remembered by all of his students for his passionate and insightful instruction in engineering geology. Dr. Stout guided his students through and beyond the fundamentals of engineering geology, often using Kodachrome™ slides for illustration. He emphasized hands-on experience and critical thought. Dr. Stout was well known for his expertise on mega landslides, his worldly travels, his good humor, and his gracious manner. This scholarship supports his legacy. The Norman R. Tilford Field Studies Scholarship fund was established shortly after Norm died in late 1997 while flying his small aircraft to meet a Texas A&M University student field trip. Norm was a leader in engineering geology, a Past President of AEG, and a professor at Texas A&M University. He was dedicated to teaching geology in the field. This scholarship supports his legacy. {www.aegweb.org}

KUDOS- Thank you to Roxanne Rowe and Peter Evans for the heads-up on the Geology talk, Kudos to Roxanne and Ken Rowe for rescuing the members of the “Cant lock the church door” club at the last meeting, Kudos to Jerry Donahue who provided his own special brand of Jerry-type of entertainment at the last meeting, Kudos to Bill Lesniak for smiling even when his foot hurt, Kudos to Pat Chapman for all the hard work and thoughtfulness she puts into the position.

AUGUST 2009 WCGMC MEETING SUMMARY

Mini-miners began at 6 PM. Regular meeting started at 7:30. The Board of Directors met during July & planned some activities for the rest of the year. Members were asked to bring collected items from the last few months to the meeting to share some stories. Pat brought some meteorite photos & some actual samples from Bill's collection. A number of folks made it to the New Hampshire and were asked to bring some of their stuff. Becky held off on August newsletter at the request of the Board. We wanted to get the all the right program/dig info into it. Secretary Pro-Tem, Pat Chapman

Roxanna Rowe's WCGMC SPECIALITY Blueberry Crunch;

(A hit and a tradition of the WCGMC picnics!)

- 1 can (20 oz) crushed pineapple
- 3 cups fresh or frozen blueberries
- 3/4 cup of suger
- 1 box yellow cake mix
- 1/2 cup margerine cut into pieces
- 1 cup chopped nuts
- 14 cup of sugar
- preheat oven to 350 degrees

Pour crushed pineapple into bottom of 9 x 13 cake pan (including juice)
Pour blueberries over pineapple and sprinkle with 3/4 cup of sugar
Pour cake mix into a bowl. Cut margerine onto mix until it resmbles coarsemeal
Sprinkle the cake mixture over the fruit.
Top with nuts and sprinkle with 14 cup of sugar
bake for 35 to 40minutes or until top is bubblyand cake tests done.

UPCOMING WCGM CLUB MEETINGS

Friday, September 11, 2009

Park Presybyterian Church, Newark, NY 14513

(Use the North Door) Club meetng: 7:30pm Mini-Miners at 6:30pm

Friday, October 9, 2009

Park Presybyterian Church, Newark, NY 14513

(Use the North Door) Club meetng: 7:30pm Mini-Miners at 6:30pm

EARTH-WIDE ROCK-HOUNDING AND FINDING

U. S.A. in SEPT 2009

5-6: Augusta, ME - 20th Annual Rockhoulder's Gem & Mineral Show sponsored by the Kennebec Rocks & Mineral Club. National Guard Armory, Augusta, ME

12: Williamstown, MA - Jewelry, Gem & Mineral Show sponsored by the Northern Berkshire Mineral Club. American Legion Post #90, Rt 7, Williamstown, MA

12-13: Pownal, VT - Jewelry, Gem & Mineral Show sponsored by the Northern Berkshire Mineral Club. American Legion Post #90, Rt 7, Pownal, VT

12-13: Harrisburg, PA - 44th Annual Gem & Mineral Show sponsored by the Central Pennsylvania Rock & Mineral Club. Zembo Shrine, Third & Division St. Harrisburg, PA.

12-13: 59th Annual Gem, Mineral & Jewelry Show sponsored by the Danbury Mineralogical Society. New Milford High School, Danbury Rd; New Milford, CT.

19-20: Mid-Hudson Valley, NY - 40th Annual Mid-Hudson Valley Gem & Mineral Show & Sale Hosted by the Mid-Hudson Valley Gem & Mineral Society. Dutchess County Fairgrounds, Route 9. Saturday 9-5, Sunday 9-3. Show Theme "The Rocks of the Hudson Valley". 30+ Dealers, Lapidary Demos, Minerals, Gems, Jewelry, 6 Free Rocks for Kids, Fossils, Beads, Tools, Books, Fluorescent Minerals, Exhibits, Lapidary Rough, Wirewrapped Gems, Wholesaler. Earth Science Scavenger Hunt for Hudson Valley High School Students. Special Exhibits by New York State Museum and Vassar College Museum of Geology. Admission: Adults - \$5.00; Seniors- \$4.00; Students - \$2.00, Children 12 and Under Free with Adult. Scouts in uniform - Free with Adult. Gem & Mineral Show Information: Carolyn Reynard 1-845-471-1224 <http://www.geocities.com/nyrockhounds>. \$1.00 off flyer valid for 2 admissions on Society's Show Web Site: <http://www.geocities.com/mineralshow>

26-27: West Friendship, MD - 45th Annual Gem, Mineral & Jewelry Show hosted by the Gem Cutters Guild of Baltimore. Howard Co. Fairgrounds, MD 144 nr. MD 32 & I-70; West Friendship, MD

Scouting Geology Day Postponed

Publicity problems have forced us to postpone our Geology Day program. There is a Webalos Camping Program Sept. 19th & 20th and the Cub Scouts have a major gathering on Oct. 17th. We are in the process of talking with the organizer of these events in hopes to take our program there eliminating the need for publicity, reserving a space and reaching young people we probably wouldn't reach otherwise. Merit badge counselors who have not viewed the required video need to review that before the fall. It's being passed around or is online. Further information will follow as soon as we know more. Thanks for all your work making this happen people - even though a couple of months late! -----By Pat Chapman

**2009
JEWELRY, GEM,
MINERAL, FOSSIL
SHOW & SALE**

**October 3rd 10:00am - 5:00pm
October 4th 10:00am - 4:00pm**

BEADS CRYSTALS FOSSILS

JEWELRY



DISPLAYS
BY
THE WAYNE
COUNTY GEM &
MINERAL CLUB

DOOR PRIZES

MINERALS FROM AROUND THE WORLD!

FREE CHILDREN'S ACTIVITIES



WAYNE COUNTY GEM & MINERAL SHOW
ST. MICHAEL'S SCHOOL
320 S. MAIN ST. (RTE 88) NEWARK, NY



**FOWLERS
WIRE WRAPPING
JEWELRY**

RECEIVE
\$1.00 OFF
Admission
w/ Flyer

ADMISSION IS \$3.00
CHILDREN UNDER 12
ARE FREE

Sponsored by St. Michael's School PTO & American Hobby Shop
For More Info. E-MAIL SHOW@AMERICANHOBBYSHOP.COM
or Call (315) 986-1171. Thank You!!!

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Grow a Crystal Garden*

from Inga Wells, Juniors Co-chair (winner of juniors category article) Tar Heels newsletter, April 2009

*A modern variation on the traditional Coal Garden.

First the well-known instruction for the traditional Coal Garden:

- 4 T of water
- 4 T of non-iodized salt
- 4 T of household bluing
- 4 T of household ammonia



Mix and stir slowly until the salt is dissolved. Place broken charcoal squares in a glass bowl or other container. Slowly pan or spoon the mixture over the coal pieces. Watch the salt crystals grow.

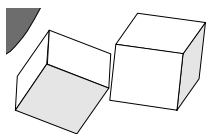
Housewives used to add bluing to their laundry. They liked the blue cast it gave their linens. I have tried to find said bluing in the super markets around this city and could not find it for the last few years. We have tried liquid Rit dye, or the powder dye, food coloring, Easter egg coloring agents, or tempura colors. All of them will work fine to add a bit of color to the crystals. The dye is not needed to grow the crystals.

I asked myself the question, why add ammonia? It smells bad and can irritate your nose, throat, and eyes. If you use it, keep it away from your face and close the bottle immediately. The ammonia is used as an agent to speed up the evaporation of the solution. Ammonia is a gas. The household ammonia has the gas dissolved in water. It can be left out of the mix or reduced to 1 or 2 tablespoons. Keep the ratio of salt to liquid at 1 tablespoon of salt to 1 ounce of liquid or 15 ml salt to 30 ml water.

One more important item to keep in mind. Never mix any product containing ammonia with a product containing bleach. This would give off poisonous gas and should never be done.

The Crystal Garden

You need a container. Some suggestions: a pretty glass bowl, any disposable container, plastic or foil will do. A cardboard box lined with foil to make it waterproof makes a nice display case. You can cut a window in one or more sides of box.



Next gather material on which you would like the crystals to grow. Porous materials work best. Broken pieces of charcoal, pieces of sponge, brick, broken clay pot pieces, lava rocks, pumice stones, bark, wooden beads, florist sponges, shells, sand stones, the list is endless. Arrange the material in your container. Create your garden! Mix colors, shapes and textures to suit your taste. Make a saturated salt solution. Spoon slowly over the objects.

You can leave a little solution in the bottom of the container. The solution will flow into the porous material and new crystals will grow on the old crystals. Be creative, sprinkle some salt on the garden, add a little bit of a different color. After all the water is evaporated, add some more material and sparingly spoon on some saturated alum or Epsom salt solution. If you have lots of saturated solution left and want to try something else: You can make sun catchers or tree decoration to add to the garden. Cut the desired shape out of a plastic lid or white construction paper; coat the plastic or paper shape with the solution.

Let it dry and watch the fluffy crystals grow. You can punch a hole near the edge of the shape and hang it on a houseplant or in a sunny window. Keep your creations away from moisture.

Observe, keep notes and enjoy. (Editor's note: WCGMC member, Inga Wells, is the editor of the TarHeels newsletter in her home gem and mineral club in Pennsylvania.)

WAYNE COUNTY GEM AND MINERAL CLUB, INC.

MEETINGS:

Held 2nd Friday night of each month
at 7:30pm at Park Presbyterian Church basement,
Maple Court, Newark, NY

WEBSITE: www.wcgmc.org

ORGANIZED: 1973 **INC.** 1976

Affiliated with the AFML and EFMLS of Mineral
Societies since 1973.

OFFICERS: Elected at the October meeting, taking
office In November for a 2-year term.

FISCAL YEAR: Oct. 1st to Sept. 31st.

****NEW ANNUAL MEMBERSHIP CLASSES AND**

DUES (due Oct 1st):

\$10.00 JUNIOR or STUDENT

(18 yrs> with no parents in the club)

\$15.00 REGULAR or ONE SINGLE ADULT (Over
age of 18 years old)

\$20.00 FAMILY MEMBERSHIP

(Includes 2 adult votes and children)

Send due, SASE with your info to:

WCGMC, P.O. Box 4, Newark, NY14513

OBJECTIVE: TO STIMULATE INTEREST IN THE EARTH
SCIENCES, IN COLLECTING AND CLASSIFICATION OF
MINERALS, AND IN THE ART OF GEM CUTTING.

The public is welcome!!

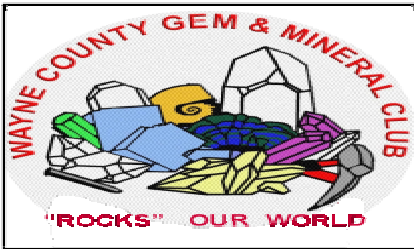
WALWORTH QUARRY TO GIVE GEOLOGY TALK

WCGMC member, Roxanne Rowe, and Wayne County
Historian, Peter Evans, independently reported to the
newsletter an announcement to share it with all. The
“Walworth Quarry” will be hosting a free admission public
geology talk on Thursday, September 24th, 2009 at 4:30pm
The event will be at the Walworth Dolomite Facility, 1200
Atlantic Ave., Walworth, NY.

Environmental Coordinator of the Dolomite Group, John
Swierkos, Jr’s subject will be: “Mining Process and Stone,
the importance of aggregates in our society, and the
History and location of the rock mined at Dolomite”. The
public is asked to wear sensible shoes as well as to bring
hard hat and safety glasses if possible.

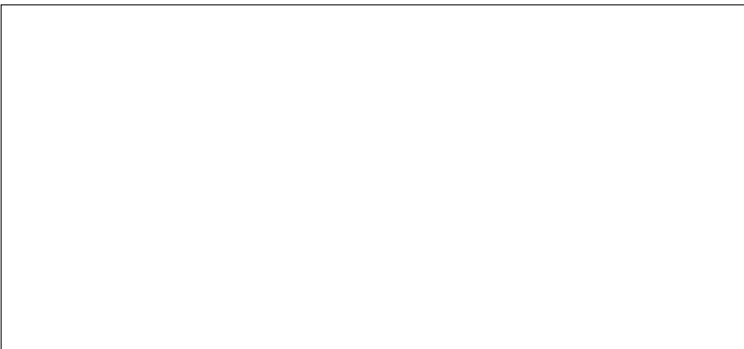
The talk is part of a Speaker Series made possible through
a grant from Parks and Trails New York.

For information: contact (315) 524-2771



Stamp

Wayne County Gem and Mineral Club
Rebecca Remington-editor
C/o WCGMC
P.O. Box 4
Newark, New York 14513



First class: dated
meetings and time
valued.