

WAYNE COUNTY GEM AND MINERAL CLUB **N E W S**

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On the Road Again By Pat Chapman

We're off to Pennsylvania. Hope the rain holds off till late. There's Strontianite and Wavellite April First is our next date.

We'll be getting back by meeting time With new specimens shiny & new. Nursing bumps and bruises on fingers & thumbs You'll have pictures of our boo-boos.

It's only just the beginning There's lots more trips to come. It won't be snowing all this year. Being snowbound is half the fun.

The next trip down the road Is Henrietta I'm sure. The Rochester Symposium Will challenge our minds & cure...

The blues, it'll have them running The Spring fever, it will break. Get out! Start digging! Let's stretch our legs. You're rock lust just can't wait.

We'll be learning, reviewing and much, much more. There's a Earth Science teacher willing to teach Pull up a chair and sit awhile Our school days are back in reach.

For our next meeting, we will be classifying Those hard to define small stones Don't know if there's luster or if it's hard But I do know it's not bone.

Is it silver or is it gold? Traces of aluminum or chert? Whatever drives your love of rocks Won't make this seem like work.

Here's to the arrival of Spring & all that comes with it! Rock On...





Moh's Scale ofHardness

- 1. Talc
- 2. Gypsum
- 3. Calcite
- 4. Fluorite
- 5. Apatite
- 6. Orthoclase
- 7. Quartz
- 8. Topaz
- 9. Corundum
- 10. Diamond

Wheaton's Break New Ground



Clifton Springs Hospital took care of both Jim & Marion Wheaton for a stretch this winter. Marion took a spill and broke her leg which required surgery & rehab. Jim battled a bout of pneumonia and has returned home at the date of this publication. But...they enjoyed a joint room which was roomy and had a great view of Main St. Never before has the facility treated a married couple housed in the same room. Guess that proves you're never too old to start new trends. While that's very interesting, let's not make it a habit! Marion...Jim...Are you listening? Marion: Continue your progress please, get well and come home soon!

The Rochester Mineral Symposium! OPEN HOUSE

At Ward's Natural Science

1500 W. Henrietta Road

April 14, 2011 12:00 Noon to 6:00pm

Ward's Natural Science Establishment warmly welcomes you to the 38th Annual Rochester Mineral Symposium with a unique invitation to visit our warehouse and production facility for a behind-the-scenes look at a truly special science education company. Founded in 1862 by renowned geologist and collector, Henry Ward, this Rochester-based company has supplied schools, universities, museums, and collector's the world over with the finest rock, mineral, and fossil specimens for nearly 150 years.

We'd like to share that unique history and passion for geological specimens with you at a special pre-Symposium Open House. Please join us on Thursday, April 14th between the hours of 12:00 noon and 6:00pm at our warehouse on West Henrietta Road. You'll get an opportunity to tour our production operation and browse through hundreds of mineral specimens specially priced for Symposium participants. Selected equipment including hammers, hand lenses and microscopes will also be available for purchase. It's an opportunity you won't want to miss, with hidden treasures around every corner.









5100 West Henrietta Road • Rochester, NY 14692-9012 800-962-2660 • www.wardsci.com

United States kept Above Sea Level by Warm Rocks

Thomas H. Maugh II Los Angeles Time Democrat & Chronicle 6/30/07 Pg. 2A

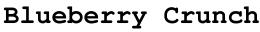
If the rocks under Los Angeles were not unusually warm, the city would rest 3,756 feet beneath the Pacific Ocean, according to Utah geologists.

Without the rocks, the only parts of the United States that would be above sea level would be the Pacific Northwest and the upper reaches of the Rockies, they reported in the *Journal of Geophysical Research-Solid Earth*.

Previously, researchers had believed that the density of rocks floating on the earth's molten core was the primary factor in determining the elevation of land masses. But new calculations show that temperature is responsible for about half the elevation of land areas, according to geologist David Chapman and student Derrick Hasterok at the University of Utah. Researchers have measured the temperatures at various depths by charting the speed of sound waves, which move faster through cold, dense rock.

The pair based their calculations on the relatively cold – 750 degrees Fahrenheit – crustal rock of the Canadian shield, which underlies most of that country. Rock under the United States, in contrast, is 200 degrees to 300 degrees hotter.

It's time to think Summer



From the kitchen of Rocky Rowe

1 can (20 oz) crushed pineapple (in its own juice)

3 cups fresh or frozen blueberries

³/₄ cup of sugar

1 box yellow cake mix

1/2 cup margarine cut into pieces

1 cup chopped nuts

1/4 cup of sugar



Preheat oven to 3500. Pour crushed pineapple over the bottom of a 9X13 baking dish.

Pour blueberries over pineapple and sprinkle with ³/₄ cup of sugar.

Pour cake mix into a bowl. Cut the margarine into the mix until it resembles coarse meal.

Sprinkle the cake mixture over the fruit. Top with nuts. Sprinkle with 1/4 cup of sugar.

Bake 35-40 minutes or until top is bubbly & cake tests done.

Hardness

F	R	Η	Ι	С	Т	U	М	Η	Ε	Т	S	Ζ	Y	Ζ
Ζ	L	Y	Q	М	V	U	М	А	Т	0	Η	С	Ε	Ζ
G	Ρ	U	С	С	D	Ο	С	R	Ι	Ρ	Ο	G	G	М
Y	Y	U	0	Ν	S	Κ	А	D	С	А	М	F	Ι	Т
L	L	Ρ	U	R	Κ	С	V	Ν	L	Ζ	С	Ν	J	Ζ
Т	Ε	R	S	В	Ι	Η	L	Ε	А	Y	Ε	L	Ζ	F
U	Ο	Т	L	U	Ν	Т	Η	S	С	R	R	D	А	Ι
С	J	Ι	Ι	С	М	С	Ε	S	А	L	U	С	Т	Т
А	А	Ρ	Η	Т	Т	Р	S	L	Q	U	А	R	Т	Ζ
Ν	Ι	L	Q	А	А	С	S	F	Ι	L	Ε	G	U	F
Ι	М	J	R	Х	А	Р	В	Х	Ο	Ε	W	Х	Ν	S
М	W	С	J	L	С	V	А	R	Х	Ζ	S	G	Μ	L
А	S	F	Ε	L	D	S	Р	А	R	Ε	Ι	U	Μ	С
Ι	U	Q	С	Х	Κ	W	S	S	А	L	G	R	U	Κ
D	Ν	Ο	М	А	Ι	D	Ε	Ζ	Ι	М	F	L	Μ	0

APATITE	CALCITE	CORUNDUM
DIAMOND	FELDSPAR	FILE
FLUORITE	GLASS	GYPSUM
HARDNESS	MINERALS	MOHS
NAIL	QUARTZ	SCALE
SCRATCH	TALC	TOPAZ

Why is it that when you transport something be car, it's called a shipment, but when you transport something by ship, it's called cargo?

Why is it that when you're driving and looking for an address, you turn down the volume on the radio?

The Town Crier 3/10/11 Pg.

Rochester Mineralogical Symposium Winner of the 2010 Carnegie Mineralogical Award Radisson Hotel Rochester Airport 175 Jefferson Road Rochester, NY 14623

38th Rochester Mineral	ogical Symposium PRELIMINARY Schedule
Thursday April 14, 201	l Registration in the Back Lobby
Noon-6:00pm	Open House at Ward's - more archival material available this year.
4:00-6:00pm	Dealers and 4th Floor Hospitality Suite Open
6:00-7:45pm	Dinner in the restaurant
8:00-9:15pm	The Gualteroni Collection: A Time Capsule from a Century Ago - Dr. Renato Pagano
9:15pm-	Dealers and Hospitality, 4th Floor
Friday, April 15, 2011	
9:00am	Announcements
9:15-10:15am	Cracking the Code of Phlogopite Deposits in Quebec (Parker Mine), Madagascar (Ampandandrava and Russia (Kovdor) - Dr. Robert Martin
10:30-11:30am	The Balmat Zinc Deposits of New York State: One of the Most Fantastic Ore Deposit Stories Ever Told - William deLorraine
11:30-1:30am	Lunch and Shopping Break
1:30-5:30am	Technical Session - Contributed Papers in Specimen Mineralogy
6:30-8:00am	Dinner in the restaurant
8:15-9:15pm	Collecting at Classic European Localities - Dr. Georg Gebhard
Saturday, April 16, 201	1
7:30am	Fellowship Breakfast in the restaurant
9:00-10:00am	What's New in Minerals - Jeff Scovil
10:00-11:00am	What's New in Minerals - Audience
11:00-1:30pm	Lunch and Extended Shopping Break
1:30-2:30pm	Applying Basic Mineralogy to Discredit Fraudulent Specimens -Justin Zzyzx
2:45-3:45pm	Minerals of the Tilly Foster Iron Mine in Southeast New York -Ted Johnson
5:15-6:30pm	Silent Auction (Please consider making a donation)
7:00-8:30pm	Dinner in the ballroom
8:30pm	Voice Auction (Please consider making a donation)
Sunday, April 17, 2011	
9:00-10:00am	The New Terra-Mineralien Collection in Freiberg, Saxony -Rainer Bode
10:15-11:15am	Northern Arizona Volcanoes: Recent Volcanic Eruptions that
	Changed the Landscape Forever - Dr. Sarah Hanson
11:30am	End of the Symposium

Registration forms can be downloaded at <u>http://www.rasny.org/MinSymposium/Registration38.pdf</u>. All in all, it looks like another year that will show why the Rochester Mineralogical Symposium is a highlight of the mineral calendar and winner of the Carnegie Award!



Wayne County Gem & Mineral Club, Inc.

Meetings held 2nd Friday of each month Mini-Miner Program at 6:30 P.M. Regular Program & meeting at 7:00 P.M. at Park Presbyterian Church Maple Court, Newark, NY 14513

WEBSITE: WWW.WCgmc.org

Organized: 1973 Incorporated: 1976 *Objective:* To stimulate interest in earth sciences, collecting, classification of minerals, & in the art of gem cutting.

Fiscal Year: Oct. 1st to Sept. 30 Dues: Due Oct. 1st.

Juniors or students [18 yr.> w/o parent in club] \$10.00 Single Adult [over 18 years old] \$15.00 Family Membership [includes 2 adult votes & kids] \$20.00 Send dues to WCGMC

PO Box 4, Newark, NY 14513

Affiliated with: The American Federation of Mineralogical Societies [A.F.M.S.] <u>www.amfed.org</u>

The Eastern Federation of Mineralogical & Lapidary Societies [EFMLS] <u>www.amfed.org/efmls</u> & The Eastern Field Trip Alliance [E.F.T.A.] <u>www.efta.biz</u>

Wayne County Gem and Mineral Club

P.O. Box 4

Newark, New York 14513



The Public is always welcome!

First Class: Dated, Meetings & Time Valued

Upcoming Events

<u>April 2011</u>

1,2 & 3 WCGMC Field Trip to Mt. Pleasant Mills, & several quarries around Williamsport PA. For info & sign up, contact Ken Rowe at gotrox88@yahoo.com 315-331-1438 for further information & sign up.

13 WCGMC Meeting: A hands-on program - How to Classify Rocks & Minerals with Frank Meadows.

14-17 Rochester Symposium <u>http://www.amfed.org/efmls/registrationltr.pdf</u> **14** Ward's Natural Science Open House 5100 West Henrietta Rd. Rochester, NY 14692 800-962-2660 • <u>www.wardsci.com</u> Noon – 6 PM

<u>May 2011</u>

May 1-2 WCGMC Field Trip Super Dig at Sterling Mine Ogdensburg NJ for fluorescent minerals. Info at <u>http://www.uvworld.org</u> Make plans with Bill Lesniak at at <u>dirtman300@aol.com</u> or 315-483-8061.

13 WCGMC Meeting:Program: Hot Rocks with Dave Millis. Radioactivity in our minerals.

14 Webelos Workshop - Sampson State Park. We'll be helping the young scouts earn their pins & loops. Contact Pat Chapman [batnpill@empacc.net/607-868-4649] if you can help or donate some specimens for distribution.