



# WAYNE COUNTY GEM AND MINERAL CLUB NEWS

VOLUME 33 No. 7 JULY 2007



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## PRESIDENT'S MESSAGE

Hi! I really hope that I'll see all of you and your families at the Annual Club picnic to be held at the Alex Eligh Community Center, on East Avenue, Newark, NY on July 21<sup>st</sup>. The picnic and activities will last from 10am until whenever. Eat a lil' somethin' for lunch, attend our auction, and share in our swap, chit-chat, relax, watch the Rose Parade in the Village of Newark, and have a great time with everyone. It turns out that the BBQ we were planning for our picnic is cancelled, though. So seeing that we will NOT be having a commercial BBQ, everyone is asked to bring a big dish to pass. Oh, well! ----Anyhow, I'd like it if everyone made the gesture of contacting Marion Wheaton or Roxanne Rowe before the picnic to rsvp an estimated attendance and to confirm your dish to pass. Contact Ken Rowe or Bill Lesniak about the auction or swap questions you may have. Vendors are most welcome. Our auction and swap are free admittance. Lastly, all you experienced ones and old-timers, bring some photos of interesting digs that you've been on and share those memories with the next generation of rockers, rockhounds, and diggers.

*Your President ---*

### **WCGMC— Looking for---**

someone (or someones) really special to attend our annual picnic ! Put the rocks and gems to fashionable use! ---We need talented people interested in Lapidary Arts to join our club! Do you make jewelry or decorative ornaments? Do you carve or sculpt knick-knacks out of rocks, gems, or minerals? Are you creative? Do you know anyone who fits all of the above criteria? --Know any high school teachers or college professors willing to teach our members? However, there's no experience required.

### **Geo-Safaris and Tours**

Safaris and tours in the world's great countrysides can be led by an eager geologist. A geo-safari, even a short day trip, will fill you with sights and knowledge, and all you need to do in return is pay some money. The idea of a geo-safari can have a wide range. You can ride a small bus to the mines and villages of Mexico collecting minerals—or do the same in China; you can dig up real dinosaur fossils in Wyoming; you can see the San Andreas fault close up in the California desert. You can get dirty with real spelunkers in Indiana, trek upon the volcanoes of New Zealand, or tour the classic sites of Europe described by the first generation of modern geologists. Some are a nice side-trip if you're in the region whereas others are pilgrimages, to be prepared for like the life-changing experiences they truly are. (Continued on page 3)

## Hunting dinosaurs on four continents

**Thursday, March 8, 2007 from the publication: Reveille/Between The Lakes**

As a young paleontologist, **Matt Lamanna**, Hobart College '97, is on the fast track. Just three years after graduating from Hobart, he traveled to the Sahara Desert with a team that uncovered one of the largest animals ever to walk the earth – the giant sauropod dinosaur *Paralititan stromeri*. The discovery of this long-necked plant eater, with a length of 80-plus feet and weighing in at nearly 50 tons, was hailed as one of the most significant paleontological finds of recent history. The expedition was funded by the A&E network and resulted in Lamanna's being featured in a two-hour documentary, *The Lost Dinosaurs of Egypt*, and a companion book by the same title published by Random House. Since then, Lamanna's fieldwork has taken him to Asia, where he recently made a big splash as part of a team that discovered a primitive amphibious bird in the mountains of northwestern China. The young scientist's field work also has included multiple expeditions to the southern end of South America and the western United States. This summer he plans to begin research on a fifth continent as well, when he joins his colleague Steve Salisbury on a dig in the remote Australian outback. Through this work, Lamanna has developed a reputation as a pivotal contributor to the understanding of how dinosaurs and their environments evolved through time. His extraordinary success has landed Lamanna one of the top jobs in his profession as the assistant curator of vertebrate paleontology at Carnegie Museum of Natural History, Pittsburgh, PA. Monday (March 5), this young scientist returned to his alma mater to join the President's Forum Series and give a talk titled *Hunting Dinosaurs on Four Continents*. "Matt Lamanna oversees one of the top five dinosaur collections in the world and has been a part of paleontological discoveries that will now be included in the history books. We're excited to bring him back to share the stories of his achievements with current students and members of the community," said President Mark Gearan, host of the series. In his talk, Lamanna highlighted his discoveries, sharing photos of some of the new species of dinosaurs and fossil birds he and his colleagues have unearthed in China, Argentina and Egypt. He also discussed his plans for the summer in Australia. In addition to his field work and duties as assistant curator, Lamanna is the lead scientific advisor on "Dinosaurs in Their World," the Carnegie Museum of Natural History's forthcoming exhibit that will nearly triple the size of the museum's former Dinosaur Hall. Scheduled to open in the fall, this exhibit will range over 25,552 square feet, enough space to display at least 15 mounted, mostly original skeletons and more than 200 other ancient plants and animals in a way that captures them in their habitats as never before. Among his peers, Lamanna is described as hard working, imaginative, and innovative. "You can train almost anyone to learn how to find fossils. But beyond that skill is the ability to address questions in new ways," said Chris Beard, Carnegie Museum of Natural History curator of vertebrate paleontology/ section head. "Matt has the ability to put a single fossilized specimen in the big

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**UPCOMING WCGM CLUB MEETINGS**

**ANNUAL CLUB PICNIC**

**July 21<sup>st</sup>, 2007 (Saturday) ---- 10am until whenever**

**Alex Eligh Community Center, East Avenue**

(near the Park Presbyterian Church) **Newark, New York**

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**Details on the August 2007 meeting are "To Be Announced" in the next club newsletter.**

**CLUB NEWS TO dig - Kudos, too!**

1. EFMLS announced the 2007 Wildacres Retreats to be in September. For info log onto [www.amfed.org.efmls](http://www.amfed.org.efmls)
2. EFMLS will be hosting a prize drawing at the October Newark, NY show. Contact Jane Hand, (601) 825-3989, 253 Wanda Dr. Brandon, MS 39042 for tickets!
3. KUDOS to Jim Simons with the offer to help with the newsletters' electronic matters!
4. Diamond Dan has an interesting offer for parents of children interested in minerals. Contact him for more info on his program: 585-289- 4936.
5. **Plz: submit newsletter articles in writing BEFORE the 22nd of the month.**
7. Contact Bill Chapman or any old-time club rock hound to learn about safety in the field. He also has access to club owned and rented vests.
8. Contact Ken Rowe with questions about club equipment.
9. KUDOS to Bill Chapman for working with the children at the meetings. At a future club meeting, Julie Zeller and Cindy Flagherty will be assisting to develop a curriculum.
10. KUDOS' to Andrea Kords, a Sweet Potato Gem of a gal, who represents our club during recent collaboration activities with the Wayne County Tourism Dept, who's as interested in the October show as we are!

**WCGM Club's 2007 EFTA Digs!**

An informal committee of club members recently planned the forth out of four 2007 EFTA digs. Bill Chapman, field trip chairman, assisted by Jerry Donahue, Terry Wilson, Don Schiltz, Ken and Roxanna Rowe, and Pat Chapman, announced the following field trips:

1. April 21, 2007 Brookfield site at Cole Road and Big Rock. (*This is already passed.*)
2. May 11, 12, & 13<sup>th</sup> Herkimer Diamond Mines and Margaret Hastings Claim (*This, too, has already passed...where you there?*)
3. June 9<sup>th</sup> & 10<sup>th</sup> at Margaret Hastings Claims (*Too late—hope you were there!*)
4. **WALWORTH!** This is the annual club event. Details for the 2007 field trip have not been determined at this time, but it's expected to be generally like last year's event. This is an EFTA event, but according to our new by-laws, it is also considered a club dig, too. It promises to be a good time for all, as usual. Contact any of the above named people or Dave or Andrea Kords or Bill and Pat Chapman (see front page for phone numbers) for more information. Hope to see ya there!

(Continued from pg 1)

Many, many safari sites promise that you'll "experience the geologic wealth of the region," but unless they feature a professional geologist in the group I tend to leave them off the list. That doesn't mean you'll learn nothing on those safaris, only that there's no guarantee you'll really get a geologist's insight into what you see. For a list of geo-safari sites and information about the author, go to: [http://geology.about.com/od/geo\\_safaris/aa\\_geosafaris.htm](http://geology.about.com/od/geo_safaris/aa_geosafaris.htm) or see page 4 dolomite.

**Earth-Wide Events To Try!**

**July 2007**

**14-15: 41st Annual Gem, Mineral & Fossil Show** sponsored by the **Gem & Mineral Society of Syracuse, NY.** Verizon Center of Progress Bldg., New York State Fairgrounds, Syracuse, NY.

**14-15: 46th Annual Western Maine Gem, Mineral and Jewelry Festival** sponsored by the **Oxford County Mineral & Gem Assoc.** Telstar High School, Bethel, ME.

**28-29: 26th Annual Mineral & Gem Show** sponsored by the **Long Island Mineral & Geological Society.** Cutchogue East Elementary School, Long Island, NY.

**28-29: 28th Annual Champlain Valley Gem, Mineral & Fossil Show** sponsored by the **Burlington Gem & Mineral Club.** Tuttle Middle School, Burlington, VT.

**August 2007**

**4-5: 58th Annual Gem & Mineral Show** sponsored by the **Gem, Lapidary & Mineral Society of Washington, DC.** Stone Ridge School, 9101 Rockville Pike, Bethesda, MD

**4-5: 37th Annual Mid-State Gem & Mineral Show** sponsored by the **Water-Oak Gem & Mineral Society.** Mt. Merici School, 152 Western Av; Waterville, ME.

## WAYNE COUNTY GEM AND MINERAL CLUB, INC.

**MEETINGS:** Held 2<sup>nd</sup> Friday night of each month at 7:30pm at Park Presbyterian Church basement, Maple Court, Newark, NY

**WEBSITE:** americanhobbyshop.com

**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. 1<sup>st</sup> to Sept. 31<sup>st</sup>.

### \*\*NEW ANNUAL MEMBERSHIP CLASSES

**AND DUES (due Oct 1<sup>st</sup>):**

\$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, NY 14513

**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!!**

(continued from page 2)

picture and offer new insight on how dinosaurs evolved and how life on earth changed through time." Lamanna is a native of Waterloo and a 1993 grad of Waterloo High School. He graduated with high honors in biology and geoscience from Hobart, and went on to graduate school at the University of Pennsylvania, where he studied dinosaur paleontology in the Department of Earth and Environmental Science and earned a master of science and his PhD. (This topic was suggested by Club member, Don Schiltz, who attended the March 2007 meeting.)

### ABOUT DOLOMITE

Dolomite is a carbonate mineral,  $\text{CaMg}(\text{CO}_3)_2$ . It forms at the Earth's surface in a few very unusual places, but the vast majority is created underground where magnesium-rich fluids meet [calcite](#). Many deposits of limestone are altered to some extent into dolomite rock. The details are still a subject of research. Dolomite also occurs in some bodies of [serpentinite](#), which are rich in magnesium. Dolomite is harder than calcite ([Mohs hardness 4](#)). It often has a light pinkish color, and if it forms crystals these often have a curved shape. It commonly has a pearly luster. The crystal shape and luster may reflect the atomic structure of the mineral, in which two cations of very different sizes—magnesium and calcium—place stress on the crystal lattice. However, commonly the two minerals appear so much alike that [the acid test](#) is the only quick way to distinguish them. Rock that is primarily dolomite is sometimes called dolostone, but "dolomite" or "dolomite rock" are preferred names. In fact, [the rock dolomite](#) was named before the mineral that composes it. "Copyright [2007] by Andrew Alden, geology.about.com, reproduced under educational fair use."



### WCGM CLUB

DAVE KORDS, EDITOR

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Stamp

First class: dated meetings and time valued.

