



WAYNE COUNTY GEM AND MINERAL CLUB NEWS

VOLUME 33 No. 6 JUNE 2007



OFFICERS:

PRESIDENT:

Stan Griffin 315-462-3282

VICE PRESIDENT:

Jerold Donahue 315-548-8085

SECRETARY:

R Remington
beqster65@yahoo.com

TREASURER/

MEMBERSHIP CHAIR:

Bill Lesniak 315-483-8061

PROGRAM *:

Andrea Kords 315-926-1401

HOSPITALITY:

Marion Wheaton 315-589-8710

FIELD TRIP CHAIR:

Bill Chapman 607-868-4649

DIRECTORS:

Ken and Roxanne Rowe
315-331-1438

Pat Chapman 607-868-4649

Terry Wilson 315-462-9222

PAST PRESIDENT:

Dave Kords 315-986-1171

EDITOR:

Dave Kords 315-986-1171

Mini-Miners:

Darryl Powell 585-289-4936

Bill Chapman 607-868-4649

Stephanie Mason

585-265-9183

PRESIDENT 's MESSAGE

Hi! Right now, I'm thinking of our club picnic on July 21st at the Newark Alex Eligh Community Center, on East Avenue. Both the club members and the public are welcome to purchase a chicken or pork BBQ dinner (run by B&G), attend our auction, and share in our swap. Please: bring your own drinks and deserts. B&G will probably provide a potato, beans, and/or coleslaw. But- Bring a dish to pass if you'd like. (Roxanne, my special request--brownies!?! Please!) Did you know that our picnic is the same afternoon as the Rose Parade? Why don't some of us form a committee to make a WCGMC float? Adults and kids can set up the float at Ken Rowe's house in the morning of the 21st like the Skyrollers RC airplane club is doing. We will need volunteers for materials, vehicles, and stuff like "rock candy" to throw. Our beautiful new banner can really show WCGMC off to the public. Call me asap about this idea. Let's talk!

Your President --

ALL WCGMC MEMBERS GET OPEN INVITATION TO ATTEND CORTLAND, NY DIG-- PASSED ALONG BY THE CHAPMANS

June 2nd and June 3rd, 2007--- NYS Dig in Cortland New York! This event is open to everyone! Events will include Camping, Metal Detecting and Gold Prospecting. Saturday night will have a special campfire get together. This is a chance to new friends and is open to families of all sizes [even pets!]. * Free * For more information, contact Bill and Pat Chapman at 607-868-4649 as soon as possible. See the last page for a map.

WCGMC— Looking for---

someone to our next meeting! Put the rocks and gems to fashionable use! ---those 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? --Know any high school teachers or college professors willing to teach our members? Reach out and invite

ON THE FRONT LINE—

TIDBITS OF ROCK CLUB NEWS ABOUT THE HERKIMER TRIP A COUPLE OF WEEKS AGO! (Submitted Pat Chapman)

.....Temperatures were nice for digging. A little cool for the campers Sunday morning but some scrambled eggs, toast and a warm drink warmed the fingers & soothed the soul. Heather & Alex Borneman camped there and Bill & I had a nice cabin. The Travel Channel was there & taped Heather & Alex in the Gift Shop at the Herkimer Diamond Mines. They also taped in the quarry so maybe we'll see Bill too! We have to check their website for broadcast information.....

Local man helps unearth dinosaur



June 13, 2001 By: Kris Dreessen, staff writer of the Daily Messenger

PHILADELPHIA - Ninety-five million years ago, part of Egypt's vast, dry desert was once lush, tropical coastland. No one knew it, but the Tidal Giant roamed the land. The 10-ton dinosaur is believed to be the second largest dinosaur that ever lived. Until recently, not even scientists knew it existed. A group of paleontologists discovered fossils of the massive creature on a recent expedition. **Matt Lamanna**, a Waterloo native, was among those who unearthed the mystery and who are now starring in an upcoming television documentary. "When I was in college, people were going to South America and other places and finding incredible dinosaurs. And I wanted to be one of those guys," said **Lamanna** during an interview on Monday from his lab at the University of Pennsylvania in Philadelphia, where he's working on his doctoral degree in earth and environmental science. **Lamanna**, 25, set out hunting for traces of dinosaurs that once lived in Egypt with other young scientists from the University of Pennsylvania, renowned paleontologist Peter Dodson, and Egyptian researchers in January 2000. For 6 weeks they delicately brushed away sand and searched for remains. What they found was Paralititan - the "Tidal Giant": a four-legged, plant-eating dinosaur with a long neck that they believe weighed up to 10 tons and was between 60 and 80' long - more than 10 times the size of Tyrannosaurus Rex. "He was very large, even for a dinosaur," **Lamanna** said. They knew they had found something unique. From the bone fragments, the scientists believe Paralititan was the second largest dinosaur that ever lived. The largest is another plant-eating sauropod dinosaur, the Argentinosaurus. Tyrannosaurus Rex is one of the largest meat-eating dinosaurs. But the discovery of Paralititan also sets forth another mystery for Lamanna and the science community to consider. Paralititan remains were found in a coastal swamp: Until now, the sauropod family was thought to only live exclusively live in dry areas, **Lamanna** said. "So we believe this creature may have walked into this place frequently, and that's not an accepted mode of life for these animals right now," he said. **Lamanna** and other University of Pennsylvania researchers completed a second Egypt expedition earlier this year, and continue to study Paralititan. Additional expeditions are planned. Lamanna knows there's much more to learn and find about the creatures that have fascinated him since he was a boy. "There are certainly lots and lots of surprises out there about dinosaurs..." he said. "There are lots of things that I think that we'll find out that our thinking about dinosaurs has been incorrect or at least needs to be altered a bit ... We constantly find new kinds of dinosaurs. We find them in new places, we find them doing new things behaviorally." Lamanna is following his boyhood dream of being a paleontologist. He learned all he could about them and collected books. "I'm just one of those kids that never grew up," he said. "I liked dinosaurs when I was a little kid. The story goes something like when I was 4, I said I wanted to be a paleontologist." **Lamanna** graduated from Waterloo Senior High in 1993, and earned a bachelor's of science degree with high honors from **Hobart and William Smith Colleges** in 1997. His former advisor, professor **Donald Woodrow**, isn't surprised by Lamanna's achievements. He was already an accomplished scholar on dinosaurs when he started at the college, he said. "He's never stepped a foot wrong in terms of scholarship," Woodrow said. "He works very hard and is very outgoing and fun ... He doesn't fit the stereotypical scholar view of someone off in a corner doing their own thing. Matt's a very social animal." He also took his own initiative in making contacts with paleontologists around the world, Woodrow said. When Dodson lectured at the college, Woodrow arranged for Lamanna to meet with him. Now, Lamanna works with Dodson at the University of Pennsylvania. Lamanna said he worked with Dodson and fellow student Josh Smith to organize the Egypt expedition. Lamanna earned a master's degree from the school in 1999. Lamanna has also been the American team leader for two expeditions to the Patagonia region of Argentina. There, the group found what is believed to be another, new kind of carnivorous dinosaur. Lamanna's first expedition to Egypt was in January 2000. Smith originally found the first, small Paralititan fossil on his own in 1999. He didn't know then what he'd uncovered, Lamanna said. Back and fired up, Lamanna and Smith sought backing for an expedition to explore the area more thoroughly. They received \$50,000 from a film studio, who filmed them as they worked in temperatures that topped 100 degrees, and in swilling sandstorms. Blowing sand covered up what they'd just carefully uncovered, and could have damaged the fossils. The 2 hour film of the Egypt expedition, "The Lost Dinosaurs of Egypt," produced by Cosmo Studios, aired on the Arts and Entertainment Network. Discovery of the dinosaur has been featured in the New York Times, USA Today, CNN and other media outlets. Lamanna and Smith taped an appearance on the PBS-run "Charlie Rose Show." **Lamanna** says he plans additional trips to Argentina and Egypt as they continue to study the dinosaurs they've discovered. And he'll look for extinct creatures in other parts of the world. "We have our sights on a lot of different places," **Lamanna** said. (This topic was suggested by Don Schiltz, who attended the 3/2007 mtg.)

UPCOMING WCGM CLUB MEETINGS

June 1, 2007* at the Newark, NY Presbyterian Church
WCGMC Board mtg 7pm-- Regular mtg 7:30pm

Becky and Ron –refreshments **Stan Griffin** -door prizes

(*The club's meeting date has been moved up one week to avoid the bad parking involved with Newark fest- but this way, at least people can go to BOTH events!

**NO JULY CLUB MEETING--
BUT MEET US AT THE ANNUAL CLUB PICNIC!**

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
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. KUDOS to President Stan for sharing his thoughts, adventures, and specimens he gathered while on a recent southern state dig of his.
5. Diamond Dan, we miss you!! But we know you are busy with your children's program.
6. **Plz: submit newsletter articles in writing BEFORE the 22nd of the month.**
7. Did you that some brands of modern day make-up have minerals in the mixture?
8. Diggin' can be fun, but there needs to be caution, too. Contact Bill Chapman or any old-time club rock hound to learn about safety.
9. KUDOS to Bill Chapman and Stephanie Mason for doing Mini-Miners!
10. KUDOS to Andrea Kords for the continued hard work on the major and minor details for the upcoming October Gem and Mineral Show in Newark,

ANNUAL CLUB PICNIC

On Saturday, July 21, 2007 the Wayne County Gem and Mineral Club will be hosting their annual club picnic at the Alex Eligh Community Center on East Avenue, in Newark from 10am until dark. Free admission. Vendors welcome and wanted for the swap. Bring a dish to pass along with your appetite because there will be a professional BBQ. Sign up for your dish to pass by contacting Stan Griffin or Hospitality Chair, Marion Wheaton. Their phone numbers are on the front cover of the newsletter.

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, & 13th Herkimer Diamond Mines and Margaret Hastings Claim (*This, too, has already passed...where you there?*)
3. June 9th & 10th at Margaret Hastings Claims (BE THERE OR BE SQUARE!)
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!

Earth-Wide Events To Try!

June 2007

2: MACUNGIE, PA "PSEA Spring Mineral fest", Pennsylvania Earth Sciences Association, Macungie Park Bldg-children under 12 free. Contact Ed Richards at mineralfest@aol.com

2: Gem-Mineral-Fossil and Jewelry Show-- Bergen County Mineralogy & Paleontology Soc. and The NJ Paleontological Soc. 10AM to 5 PM Free public admission. Dealers welcome. Tom 631-499-7504 tomcagg@aol.com or Howie 201-265-2236 fossilh@aol.com

2-3: Mineral, Jewelry & Fossil Show sponsored by the Connecticut Valley Mineral Club. Three County Fair Grounds, Old Ferry Rd; Northampton, MA.

9-10: Annual Mineral Swap & Sell by the Orange County Mineral Society. 9am- 4pm rain or shine. Museum Village Green, Rte 17M, Monroe, NY. \$10 vendor set-up per day. A living history museum committed to the exploration /preservation of the 19th century with the most complete Mastodon found! For more info: call (845) 782-8247 or log onto: www.museumvillage.org Try to visit this place, as people from their club came to our WCGMC dig last year!

23-24: GILSUM, NH 43rd Annual Gilsum Rock Swap and Mineral Show Sat. 8-6, Sun 8-4, free. Gilsum Rec. Committee gilsum.org/rockswap.aspx

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: 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. 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!!

The Mohs Scale of Relative Mineral Hardness

The Mohs scale was devised by Friedrich Mohs in 1812 and has been a valuable aid to identifying minerals ever since. Here are the ten standard minerals in the Mohs scale.

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

You use the Mohs scale by testing your unknown mineral against one of these standard minerals. Whichever one scratches the other is harder, and if both scratch each other they are both the same hardness.

The Mohs scale is strictly a relative scale, but that's all that anyone needs. In terms of absolute hardness, diamond (hardness 10) actually is 4 times harder than corundum (hardness 9) and 6 times harder than topaz (hardness 8). Because it isn't made for that kind of precision, the Mohs scale uses half-numbers for in-between hardnesses. Dolomite, which scratches calcite but not fluorite, has a Mohs hardness of 3 1/2 or 3.5.

There are a few handy objects that also fit in the Mohs scale. A fingernail is 2 1/2, a penny is just under 3, a knife blade is 5 1/2, glass is 5 1/2, and a good steel file is 6 1/2.

Hardness on the Mohs scale is just one aspect of identifying minerals. Along with hardness, you need to consider luster, cleavage, crystalline form, color, and rock type to zero in on an exact identification.

http://geology.about.com/library/bl/blmohsscale.htm



Stamp

WCGM CLUB
DAVE KORDS, EDITOR
C/O American Hobby Shop
P.O. Box 64
Walworth, NY 14568



First class: dated meetings and time valued.