

Che-Hanna Rock & Mineral Club, Inc.

The Shin-Skinner News — August 2019



The Annual Che-Hanna Picnic for Sunday, August 18, 2019 will be at Satterlee Creek Environmental Center behind the closed Litchfield School.

Dave Millis will be there at 10:00 a.m. with the saw for cutting geodes. We will meet for set-up at 12:00 p.m. Lunch will start at 1:00 p.m.

Please bring a dish to pass, beverage and your own table settings. Hot dogs and hamburgers will be provided. —*Trish*



The July picnic was a nice get together. Fire took a bit longer to get going but all worked out well. Dave's fill-the-can game was a big success as can be seen in the photos. —*UV Bob*



The Che-Hanna outreach continued with programs by UV bob and Inga at the Waverly Free Library. Inga did a neat presentation on Dinosaurs that had the kids asking for more, while UV Bob showed some unusual minerals like a rock that floats, pretty rocks, ugly rocks, and rocks that change color. —*UV Bob*



The Wayne County club is going to Kentucky over the Labor Day weekend, maybe a trip to the Adirondacks in the middle of September, and digging Herkimers in October. If you want more up-to-date details go to wgcgm.org/3.html.



Over the decades when your editor went rockhounding with his parents (Dick & Gloria) a favorite rock show was the [St Lawrence County club show](#), in Northern NY. It happens again, this month.

Visit us at our website: <http://www.chehannarocks.com>

We Talk To Each Other - We Help Each Other - We Teach Each Other - We Smile A Lot!

June Club Meeting Minutes

Meeting called to order by President Dave Millis.

Our meeting began with the sunshine report. Bob and John McGuire did not attend the picnic and meeting due to a doctor's appointment. John Morgan's son was killed in a truck accident and our thoughts and prayers are with him. Sandy Keener suffered some injuries after a fall.

We received some very nice thank-you notes for our support of the Science Olympiad. The team placed 15th out of 60 [in the national tournament -*ed.*]. The Athens team beat a large school from Pittsburgh and won a special award. They certainly stood out.

In other news, President Dave Millis handed out leaflets for the Syracuse show.

A discussion about hacking and emails was next. Other clubs have apparently been affected.

There were no changes involving Federation dues and insurance rates. The Federation president will be serving for 2 years instead of the usual 1 year.

Dave also attended the Wayne County field trip and displayed some of the specimens he collected. The second site is currently too dangerous to return to.

President Dave Millis is interested in a field trip to the Seneca Street quarry for fossils; no date has been set.

Preparations for the July picnic were finalized, including food, game, & times for geode cutting.

Applications for the Fall session of wild Acres and scholarships from the club are available.

Member Suzie Milligan handed out calendars.

Meeting was adjourned by President Dave Millis.

—Anna Markevitch

July Picnic and Brief Meeting

An informal meeting was held at the July 22nd picnic at Satterlee Creek Park.

A possible field trip on September 7 is in the works. A bus will be rented for the trip. One possible site is the pegmatite deposit in Benson.

Special thanks to David Dick for his editing of Dave Millis' article on prehistoric life.

On July 25th, Bob McGuire and Inga Wells will be doing a talk at the Waverly Free Library.

Tom Beck has a saw that he would like to sell to the club. This will be tabled until the next meeting.

See you at our next picnic on August 18th at Satterlee Creek Park!

—Anna Markevitch

(more) Prehistoric Life Presentation

Here are some more notes from the talk Dave Millis gave in May, based on the encyclopedic book, "Prehistoric Life: The Definitive Visual History of Life on Earth", published by "DK".

Ocean Temperature

The temperature of ancient oceans is preserved in calcite and silica. Understanding how requires knowledge of life that creates the mineral and isotopes of oxygen.

First, oxygen normally contains 8 protons and 8 neutrons, but a small percent of oxygen has two extra neutrons making it heavier. The ratio of all oxygen is constant throughout the history of earth. This is true because oxygen is too heavy to escape gravity. Whatever is here, remains; only a trivial amount arrives from space.

Next, the difference between chemistry and physics is very important. The abundant oxygen is called O-16 and the rarer but also very stable is O-18. Chemistry treats them equally; it does not matter which is present when the creature creates a molecule of calcite or silica. Life and creature represent names of whatever kingdom has one or more species that build minerals as part of themselves. Grow might be a better word. Physics is different.

In physics, the evaporation rate for O-16 and O-18 are different. O-16 evaporates faster at all temperatures but O-18 is sluggish and very slow at colder temperatures. During an ice age, the ratio of O-16 to O-18 is high in the ice and lower in the ocean. This difference is measurable.

The second part is understanding the life that preserves this data. That means a mineral located in a place where it will not be changed.

Four sources need to be discussed; plankton, foraminiferans, diatoms, and shells.

Upcoming Shows



August 16-18... LEBANON, PA:

Wholesale and retail show; Mid-Atlantic Gem and Mineral Association; Lebanon County Fairgrounds and Expo, 80 Rocherty Road; Fri. 10-6, Sat. 10-6, Sun. 10-4; Adults \$6 (discount coupon on site), free admission for children under 12; 22nd annual show, vendors from all over the world, exhibitions, displays, and an outdoor tailgate area; contact Teresa Schwab, PO Box 352, Monrovia, MD 21770, (301) 807-9745; Email: beadware@rcn.com; www.gem-show.com

August 24-25... CANTON, NY:

Annual show; St. Lawrence County Rock and Mineral Club; Canton Recreational Pavilion, 90 Lincoln St., 9 Indian Head Trl.; Sat. 9-4:30, Sun. 9-3; \$2 for adults; free admission for children 12 and under; contact William deLorraine, 1 Indian Head Trl, Gouverneur, NY 13642, (315) 287-4652; Email: wdellie@gmail.com; www.stlawrencecountyminealclub.org

September 21-22... POUGHKEEPSIE, NY:

Show and sale; Mid-Hudson Valley Gem & Mineral Society, Inc.; Golds Gym Family Sports Complex, 258 Titusville Road; Sat. 10-5, Sun. 10-4; adults \$5, seniors \$4, students \$2, and free admission for children under 12 with paying adult; 50th annual show: Pyrite - Don't Be Fooled, more than 25 dealers offering a variety, fluorescent mineral display and lapidary demonstrations, pyrite exhibit

presented by Vassar College Museum and MHV Society members, activities for children; contact Linda Wuest, PO Box 327, Accord, NY 12404; Email: garnet327@hvc.rr.com; www.mhvghms.org

November 2-3... OAKS, PA:

Annual show; Tuscarora Lapidary Society; Greater Philadelphia EXPO Center, 100 Station Avenue, Hall D; Sat. 10-6, Sun. 10-5; \$6, two-day ticket \$9, children under 12 \$1, free admission for scouts in uniform when accompanied by scoutmaster ; 50th anniversary show: Gemarama 2019 — All That Glitters, featuring 27 vendors, demonstrations, exhibits, silent auction, and activities for children; contact Linda Green, Tuscarora Lapidary Society, 24 Upland Road, Brookhaven, PA 19015, (610) 490-5252; Email: Information@lapidary.org; www.lapidary.org

November 16-17... LEBANON, PA:

Annual show; Mid-Atlantic Gem and Mineral Association; Lebanon County PA Fairgrounds and Expo, 80 Rocherty Road; Sat. 10-5, Sun. 1-4; General admission \$5 (discount coupon at website), free admission for children under 12; Vendors from across the U.S. offer a variety of specimens, displays, exhibitions, materials, and jewelry; contact Teresa Schwab, PO Box 352, Monrovia, MD 21770, (301) 807-9745; Email: beadware@rcn.com; www.gem-show.com

Note from the Editor

As you can see, I changed the bulletin layout.

The primary purpose of the Shin-Skinner is to inform, so I wanted to put event notices and news front and center. (Che-Hanna details can go in the back because they don't change that often.)

If you know of anything going on that might be of interest to club members, **please** tell me about it. If I'm awake, I'm watching my email.

Che-Hanna Rock & Mineral Club, Inc.
 9516 N. Rome Rd., Athens, PA 18810



PURPOSE: The club was organized in 1962 in Sayre, PA to assemble for the purpose of studying and collecting rock, mineral, fossil, and shell specimens, and to develop skills in the lapidary arts. We are members of the Eastern Federation of Mineralogical & Lapidary Societies (EFMLS) and the American Federation of Mineralogical Societies (AFMS).

DUES are payable to the treasurer BY January 1st of each year. After that date membership will be terminated. Make checks payable to Che-Hanna Rock & Mineral Club, Inc. as follows: \$12.00 for Family; \$8.00 for Subscribing Patron; \$8.00 for Individual and Junior members (under age 17) not covered by a family membership.

MEETINGS are held at the Sayre High School (on Lockhart St) at 7:00 PM in the cafeteria, the 2nd Wednesday each month, except JUNE, JULY, AUGUST, and DECEMBER. Those meetings and events (and any changes) will be announced in this newsletter, with location and schedule, as well as on our website chehannarocks.com. Visitors are always welcome.

FIELD TRIPS are scheduled regularly from May through September; dates and details will be announced in this newsletter and on the club website.

ARTICLES submitted for publishing should be emailed to the editor using any text (ASCII) format; attempt will be made to use whatever is sent. Please make paragraphs obvious.

Deadline for submissions to the next Shin-Skinner issue is **21-August-2019**. Whatever you send me is likely to get published, so please **clearly mark** any part you don't want to see in print. Articles without by-line are written by the editor.

Permission is hereby granted Eastern Federation or American Federation member clubs to reprint material contained in the Shin-Skinner News providing proper credit is given to the author or photographer, if known, and Shin-Skinner News. If you use anything, an email note to the editor would be appreciated.

OFFICERS

President: **Dave Millis**
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 Secretary: **Anna Markevitch** aimdingo@stny.rr.com
 Treasurer & member chair: **Trish Benish**
patriciabenish@gmail.com
 Immed. Past Pres. **Bob McGuire**
uvbob1942@gmail.com

BOARD meetings are held at 6PM on odd-numbered months unless special meetings are called by the president.

BOARD MEMBERS

Jeff Benish, Bruce Benish, Mary Walter

APPOINTED

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