

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 **20-June-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**
 Vice-Pres: **Bob McGuire** uvbob1942@gmail.com
 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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 EFMLS Liaison: **Suzie Milligan** 607-687-5108
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 Historian: **Open**
 Meeting Host: **Peggy Huffman** 570-746-1809
 Show & Dealer Chair: **Bob McGuire** 570-928-9238
uvbob1942@gmail.com
 Librarian: **Bruce Benish**
 Sunshine Chair: **JoAnn McGuire** 570-928-9238
uvbob1942@gmail.com

Mark your calendars ...

Wed, June 12 - 5pm, food at 6pm — Che-Hanna monthly summer meeting — Satterlee Creek Pavilion

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!

President's Message

June is our first summer picnic; it will be at Satterlee Creek Pavilion. This is the first summer that all 3 of our meetings will be outdoors—this one will be without hot food unless you bring it. It'll be about 5 o'clock on our regular meeting night with food at 6. Sandwich meats and cheeses will be provided.

The pavilion is much larger than our usual June picnic site, so let's take advantage of it. I will not be setting up the diamond saw, but will bring the newest craft, "polish-a-flat-rock". Kids will get soapstone, the rest will get harder rocks. If you wish, you can polish a rock before we eat and another after the meeting.

We are planning a field trip for June or July. Please read our newsletter.

—Dave Millis, President



Sunshine Report

Sympathy to family and friends of Virginia Milligan on her recent passing. She and her husband, Tom, were long time members of the Club and enjoyed picnics and meetings. She was a nice, caring person to know and will certainly be missed.

Inga went to see Evelyn Keir the other day. Said she's doing well and was going to Lancaster to her brother's funeral. Our sympathy to her on the loss. Also going to Delaware to check out their retirement beach house. So glad to hear that she's doing well.

Happy Birthday in June to: Marv Remaley, 2nd; Ethan Sites, 4th; Evelyn Keir, 8th; Darius Yeager-Hall, 19th; Jadon Henrich and Duane Wells, both on the 23rd; and John Margetanski, 28th.

Happy Anniversary for June to Ed and Fran Sick, 10th; Ed and Faith Toth, 14th; and Bruce and Trish Benish, 20th. Hope everyone has a nice day.

Nice to see Bill Dimmick at the last meeting. He's trying to move closer to Sayre so he can come more often. He brought his twin brother, Sterling, to the meeting and hope to see him again.

Get well to Inga Wells. Along with all her ailments, she sent this about another: "Need surgery on my hand, broke fingers on March 9; one's splintered, damaging nerves, and upsetting my [immune system]. Not happy with blood tests, doctor ordered X-rays, so she found it. It will be awful not being able to put my right hand in water. On top of that—more heavy meds & side effects." Sure hope the surgery is successful and she has a good recovery. Get well, Inga.

Hope to see you all at the June dinner, which will be held at Satterlee Creek Park. Meet at 5 PM, eat at 6 PM Bring a dish to pass and your table service. Meat platter will be provided. It's changed this year due to not being able to go to Page Manor. This is the same place our July and August picnics are held.

Enjoy the nice weather and see you in June at Satterlee Creek Park. If you know of someone who needs a card or phone call, let me know, and I'll take care of it the best I can. If you have a birthday or anniversary you'd like listed, please let me know and I'll add you to my calendar.

—Miss Sunshine,
JoAnn

May Club Meeting Minutes



Anna gives report

Meeting begun by President Dave Millis, followed by the Pledge of Allegiance. Next was the sunshine report by Joann McGuire. We lost two beloved members recently, Hilda Gardiner and Virginia Milligan. Vice President Bob McGuire's planning to order two books as a tribute to our much-missed members. This was followed by the treasurer's report by Trish Benish. This included expenses and profits for the rock and gem show, as well as a comparison between profits from last year.

The picnic will be on our regular meeting night next month, with food served at six PM. Trish Benish volunteered to bring the meat platter. It will be a dish-to-pass supper, and there will be a "polish-a-[flat]-rock" event before and after dinner. Trish Benish volunteered to buy the Angus beef for the picnic, also. If you wish to sell or trade at the picnic, please bring your own table.

A field trip is definitely on the table for this summer. A field trip later this month to Ilion and Lord's Corners will be the first trip of the season. Other locations recommended by Bill Chapman are

Seneca Quarry, which contains trilobites and other fossils as well as sandstone and quartz, Herkimer, Pitcairn, and Fayette, and a trip to Gore Mountain as possible day trips could be on the list. Overnight trips are not off the table. The cost of a ten-passenger bus will be determined.

A vote was held among the members for offering financial support to the students of the Science Olympiad for their upcoming trip to the Nationals. Inga Wells detailed the expenses involved in the trip. The meeting members approved the financial assistance and a special amount. Two members of the science Olympiad team are going to give the club a presentation, which we are looking forward to.

Several ideas were circulated about buying a saw for use by the club. President Dave Millis also asked Inga Wells for a list of items needed for next year's rock and gem show, including dop sticks for the cabochon cutting. Jeff Benish will be gathering estimates for a new saw, which will be stored in the trailer.

Endless Mountain Heritage will be having an event at Mount Roundtop on Saturday, August 10. Any members willing to do crafts or a display are welcome, and it would be a good way to recruit more members. For more information, please contact Inga Wells.

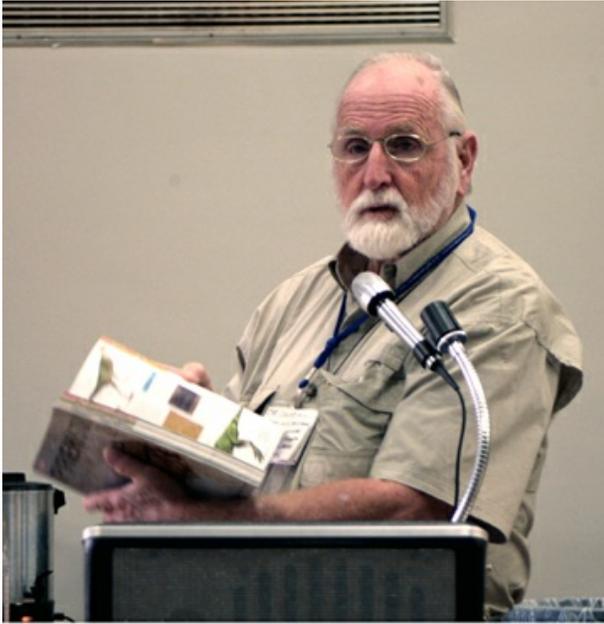
Meeting was adjourned by President Dave Millis, and seconded by Hazel Remaley.

After the meeting, we were treated to a talk by President Dave Millis, concerning the book ["Prehistoric Life: The Definitive Visual History of Life on Earth"](#) (published by "DK"). Dave discussed animal kingdoms, paleotemperatures, and how they are estimated, how fossils and rock strata are related, ice ages and melts, how prehistoric plants can determine the borders of ancient continents, and modern, future, and ancient extinctions. We highly recommend the book.

—Anna Markevitch

At the May meeting, Dave Millis gave, by all accounts, a marvelous presentation based on an encyclopedic paleontology book. I was provided with notes from that talk (Thanks, Bob!). I can't reprint them all, but here are some.

May Meeting Presentation: Prehistoric Life



Rock Doc gives program on Prehistoric Life.

Introduction: Prehistoric life! Very complicated. I read a book "Prehistoric Life." A variety of authors and editors and published by DK. Looks like a picture book. It isn't. Starts about 3.5 billion years ago and ends with humans. Explains land masses, IE. plate tectonics. Explains climate, atmosphere, ice ages, greenhouse mode. Explains absolute age of rock strata. Explains water temperatures and ocean currents. Looks like a fossil picture book. It's much more.

I knew some of this story before I read the book. Everyone who reads it would claim the same. This report or program or... starts with an explanation of the physical science of measuring things like water temperature 400 million years ago and age of rocks using Uranium 235. Then several sections on mass

extinctions. Last, are some stories that are true and others that are speculation.

The intent is a description in layman terms. Such as, Calcite rather than calcareous. Might be bad English, I don't care. It's clearer.

Kingdoms: When I was a kid there were two kingdoms, plant and animal; and they were debating whether fungi was a third kingdom. Now, there are at least 28. As a result, kingdom is no longer the top category; it's now domain. There are 3 domains: bacteria, archaea, and eukarya.

Bacteria have 10 kingdoms, each unique but with the common properties of single cell and no defined nucleus. There are several million species.

Archaea have single cell structures, no defined nucleus, and alternate ways of obtaining energy. Thus, they inhabit environments hostile to every thing else, but use chemosynthesis to make food from metal ions, hydrogen and carbon. There are 3 kingdoms.

Eukarya: at least 15 kingdoms and all have cells with well defined nuclei. Four of these kingdoms are Red seaweed, Brown seaweeds, Plants, and Fungi. There is still some debate about how to tell these apart. The fifth is us, that is animals. The current definition separating us from plants, etc., is that animals have to consume other organisms and are multi-celled. The other 10 kingdoms are protists and they do expect to find more protists. Some of them are a little like plants, some like animals, and some like fungi; but always a little different from them. And all of them are single-celled.

That adds up to 28, for now. Bacteria and Archaea each have several million species. Eukarya have about 2.5 million species; 1.5 million animal species.

May Board Meeting Minutes



Inga gives a report on SciO kids and a request for some help for upcoming competition.

Meeting called to order by President Dave Millis. The meeting began with a discussion about assistance to the students of the Science Olympiad for their upcoming trip to the nationals. Inga Wells has been instrumental in their success, and made a suggestion that the club help finance their trip. It was agreed that the club would put forward a vote both on the board and to the members. Vice President Bob McGuire also suggested that two of the students come and give us a presentation. The board voted to approve, and also on an amount to be voted on by all members.

The second order of business was the possible purchase of a saw to be used for geode cutting by the club. Jeff Benish offered to begin research on prices and models, and will confer with Vice President Bob McGuire.

This was followed by a brief show summary by Trish Benish. The geodes were re-inventoried, and more will have to be purchased for next year.

Our picnic in June will be held at Satterlee Creek Park. Polish-a-flat rock will be available starting at five o'clock and after the picnic, which will begin at six. This will be a dish-to-ass picnic. Trish Benish offered to obtain the Angus beef for the July picnic. Swapping and selling at the picnic is allowed.

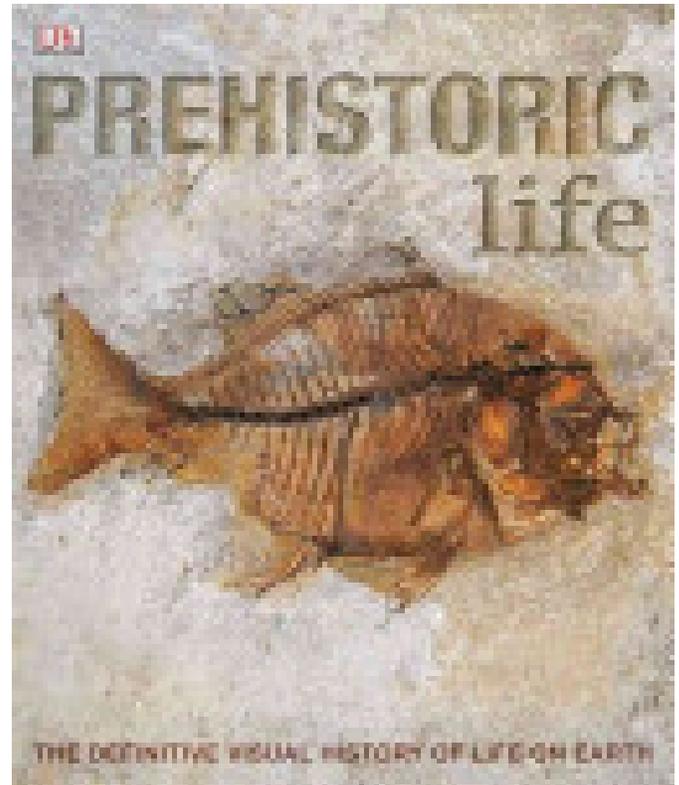
The possibility of a merger between Sayre and Athens high schools was brought up, and various alternate locations in the event this occurs were discussed.

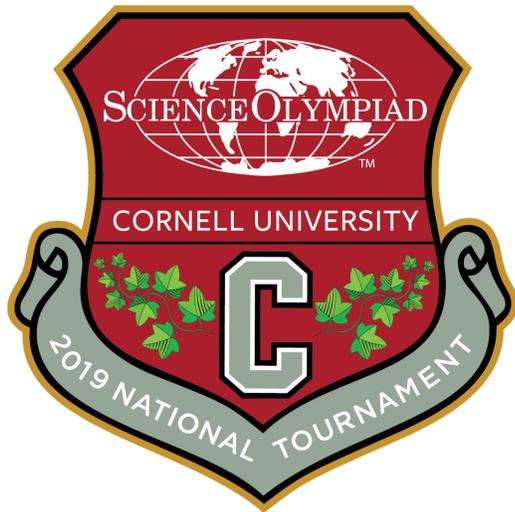
Vice President Bob McGuire has ordered a book on wire-wrapping as a tribute to recently deceased member Hilda Gardiner.

We also lost member Virginia Milligan, and President Dave Millis suggested the 2009 book "Prehistoric Life: The Definitive Visual History of Life on Earth" (published by "DK"), as a memorial.

Some [excerpts](#) [PDF] of "Prehistoric Life ..." will be available on our Che-Hanna [website](#), courtesy of Dave Millis and Bob McGuire.

—Anna Markevitch





Letter to the Club

Dear Che-Hanna Rock and Mineral Club Board Members,

A heartfelt thank you to you for bringing this donation to vote at the board meeting and to the rest of the group for voting in favor of this resolution.

We are so very thankful for your generous donation to the Science Olympiad team from Harlan Rowe Middle School in Athens.

This is a chance of a lifetime for these students. The rich private schools in Pennsylvania thought they could never be beaten by a small no-name rural school. We have earned their respect through hard work and dedication. For the coaches, this is a dream come true. It has taught everyone to aim high and put in the hours of hard work to achieve their goals.

Thank you for helping us with the expenses to attend a three day event. Our team will be competing with the best teams in the USA.

My fossil kids, Myles Kocsis and NyAnna Beeman, will give you a report. They learned so much. I am so proud of their accomplishments and best of all, they still like fossils.

The school had a parade for the team after we returned from States. It feels so rewarding that kids studying science receive the same honors as the sports teams.

Thanks again,

Inga

As well as the rest of team and teachers and staff at Harlan Rowe.

For those keeping track, the team placed 15th in the national tournament.

-ed.

Upcoming Shows



June 1-2... MONROE, NY:

EFMLS Convention & Orange County Mineral Society Annual Show; 10am to 4pm, Rain or Shine, Museum Village * 1010 Route 17M * Monroe, NY; Special Admission For Show & Museum Adults: \$5.00 Seniors \$3.00 Scouts in Uniform & Kids Under 12 Free; 40 Plus Vendors On display: Most Complete Mastodon found in NY State; Extensive Local Mineral Collections * New Fluorescent Mineral Display * Public Demonstration of panning for Gold by Tri-State Gold Prospectors Assoc of America. Visit us on [Facebook](#). More info: contact Ron Nelson, Chairman 914-850-2486 or e-mail rn33@optimum.net.

June 1-2... CANANDAIGUA, NY:

Annual show; Wayne County Gem and Mineral Club; Greater Canandaigua Civic Center, 250 N. Bloomfield Rd., ; Sat. 10-5, Sun. 10-4; adults \$3, free admission for children under 12; 20 vendors, exhibits, soapstone carving, wire wrapping, sluice, **UVBob** fluorescent mineral program, fossil corner, activities for children; contact Fred Haynes; Email: fredmhaynes55@gmail.com; <http://www.wcgmc.org/>

June 14-15... QUARRYVILLE, PA:

Annual show; Lancaster County Fossil & Mineral Club; Solanco Fairgrounds, Hoffman Building, 172 South Lime Street; Fri. 10-6, Sat. 10-4; \$3; seeking vendors of fossils, minerals,

jewelry, and Native American artifacts ; contact Eric Miller; Email: admin@millersmineralmine.com; Website: <https://www.facebook.com/LancasterFossilandMine>

July 7-8... ERIE, PA:

Annual show; Gem City Rock & Mineral Society; McDowell Intermediate High School, 3320 Caughey Rd.; Sat. 10-6, Sun. 10-5; Adults \$4, seniors \$3.50, free admission for children under 12; contact James Trimble, 109 miles Avenue, Girard, PA 16417, (814) 460-9299; jtrimble57@gmail.com; GemCityRockClub.org

July 12-14... SYRACUSE, NY:

Annual show; Gem & Mineral Society of Syracuse, NY; Center of Progress Bldg New York State Fair, 575 State Fair Boulevard; Sat 10-6, Sun 10-4; adults \$7, free admission for children under 12 and scouts in uniform; More than 60 dealers, several demonstrators, displays, cracking geode opportunities, and activities for children; contact Dick Lyons, c/o GMSS P.O. Box 2801, Syracuse, NY; membership@gmss.us; Website: <http://www.gmss.us>

July 20-21... FRANKFORT, NY (UTICA):

Annual show; Paradise Outfitters; Herkimer County Fairgrounds, 135 Cemetery Street; Sat. 9-6, Sun. 10-5; Adults \$5, free admission for children 12 and under; 5th Annual Herkimer Diamond, Gem, and Mineral Show & Festival, vendors offering gems, minerals, crystals, and fossils, demonstrations, and displays; contact Billie Jo, (518) 568-2914; info@HerkGemShow.com; Website: <http://www.herkgemshow.com/>