

TAR HEEL



ROCKHOUND

Organized 1969

JUNE 2015

CATAWBA VALLEY GEM & MINERAL CLUB, INC.

2015 OFFICERS AND COMMITTEES

President:	George Brown 828-292-7407	Editor:	Velda McLean 828-572-1826	Show Chairmen:	Baxter Leonard 828-320-4028
Vice President:	Rick Glover 828-324-0707	Field Trip:	Harry Polly 828-728-9553	Scholarship:	George Max 828-328-9107
Treasurer:	Terry Russell 828-303-1563	Education:	George Max 828-328-9107	Eastern Federation Liaison:	Larry Huffman 828-612-4469
Secretary:	Dean Russell 828-303-1448				

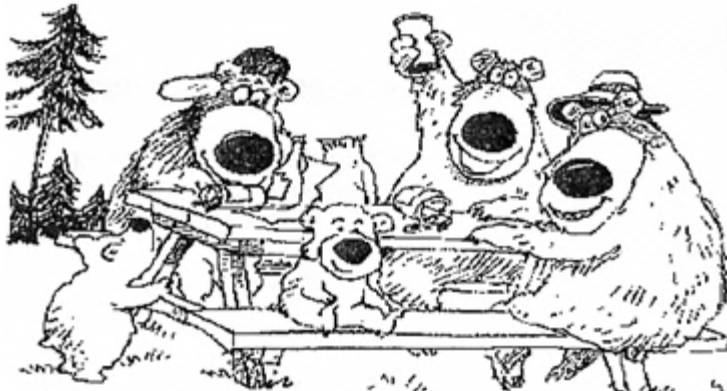
Club Address: PO Box 2521, Hickory, NC 28603-2521
 Regular Meetings: Second Tuesday, 7:00 PM
 St Aloysius Catholic Church
 921 2nd St NE Hickory, NC
 Annual Dues: Family, \$18; Individual, \$12; Junior, \$6

The purpose of the Club is to increase the individual's knowledge of the earth sciences and to aid in the development of lapidary and related arts and skills; to promote fellowship and exchange of ideas; to hold exhibitions, contests, lectures and demonstrations for educational purposes; to help interest more people in the gem and mineral hobby; and to capture and preserve the beauty of nature, the arts, and the works of man.

ANNUAL CLUB PICNIC

6:30 PM at Home of Harry & Janice Polly
 Guests & Members Welcome!!

Larry Huffman is bringing the fixings from Post Office BBQ.
 Members bring a desert and lawn chair.



INSIDE

President's Message-----	2
Minutes-----	2
June Program-----	2
Field Trip News-----	3
IT'S PICNIC TIME!!-----	3
Wildacres Update-----	3
PA & NY Photos-----	4
Mini Miners Monthly-----	5

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PRESIDENT'S MESSAGE

George Brown, Club President

Well, summer is here and I'm "back"! Thanks for all the prayers and good wishes, but it's all now a memory.

*May we "DIG" what we are doing.
No hole too deep, no mountain too high!
Let's all get "STONED".
Life's a "GEM".*

George



CATAWBA VALLEY
GEM AND MINERAL CLUB, INC.
Minutes for May 12, 2015

The May 12, 2015 meeting of the CVGMC was called to order by President George Brown at 7:00 PM. There were 22 members and 5 visitors present.

A motion was made by Larry Huffman and seconded by Lloyd Holk to accept the March 2015 minutes. This motion was passed by the Club membership.

Treasurer Report:

- 1) The bank balance was reported.
- 2) Income/expenses from the 2015 Show were briefly discussed.

Field Trip Report:

- 1) May 8-12 – Pa-NY trip. Our Club could join the Long Island Club with the claim.
- 2) *Lake Superior Agates* could be a possible July or August trip.

Education Committee:

- 1) The school display case was delivered to the winning school.
- 2) Meeting with the 4H and Scout groups will be looked in to.
- 3) Our club had more Scouts at our show than Piedmont Council BSA had at their University of Scouting.

Show Committee: None

Old Business: *Annual Club Picnic* on June 15, 2015 at Harry Polly's house starting at 6:30 PM. Bring lawn chairs.

New Business:

- 1) Show vendors, Don and Marie Aldridge's son, Scott, passed away. Motion was made by Rick Glover, seconded by Larry Huffman to donate \$50.00 to the Shriners Hospital in Scott's memory. This motion was passed by the Club membership.
- 2) EFMLS microscope raffle tickets are available to Club members.

Closing of Business: The meeting was adjourned at 7:45 PM.

Program: *Kennecott Copper Mine in Alaska* was presented by club member Jimmy Strickland.

Respectfully submitted,
Dean Russell, Secretary

**Happy Father's Day to our
Rocking Dads**

JUNE PROGRAM

Rick Glover, Program Director

The program for June is *Food and Fellowship* and is being presented by Larry Huffman and Harry Polly. A good time is guaranteed.

Rick

WILDACRES UPDATE



FIELD TRIP NEWS

Harry Polly,
Field Trip Coordinator

The field trip for June will be held on Saturday, June 13th. We will be going to the Amos Cunningham Farm in Due West, SC. We will be digging in the pegmatite for beryl. Also found on this property is amethyst and smokies, but these are at a different area. You will need digging tools as well as hammers and chisels. Those that want to hunt the amethyst and smokies will only need a screen and scratching tools. **NO DIGGING ALLOWED IN THIS AREA.** Please bring your food and water and raingear with you. Collecting time is from 9:00 am till 4:00 pm. There is a \$20.00 dig fee. It is about a 2 1/2 hour drive to the area, so in order to be there by 9:00 am we will be meeting in the Rose's parking lot on HWY 70E at 6:30 am. I will be tied up this weekend and really hate to miss this. Dean Russell has graciously agreed to lead the group. *THANKS DEAN!* I will have maps and directions at the picnic. Anyone that is planning to go and cannot make the picnic may e-mail me for directions.

Harry

IT'S PICNIC TIME!!

Our June meeting will be held on June 9, at the home of Harry and Janice Polly, 2821 Blowing Rock Blvd starting at 6:30 pm. The meal will be catered by POB of Hickory. Members are asked to bring a dessert to share. POB is bringing BBQ and all the fixings.



Directions from Hickory

Take Hwy 321 North through Lenoir. Pass through Walmart, BO's, and Valmead Fire Dept stoplights. There will be a **blinking caution light** at the intersection of Hwy 268 and Hwy 321 about three miles out. Come through the caution light, (**DO NOT TURN**). Go to the top of the hill at the next turn-around. (**DO NOT TURN AROUND**). Make a 45 degree turn into the private drive beside the three mailboxes and bear to your right. The driveway ends at the house.

2821 Blowing Rock Blvd, Lenoir, NC 28645

Harry & Janice



Steve Weinberger

When we were given the May and August dates for Wildacres this year, we heard from many of you that this was great. By May the weather warms up a bit and in

August this year we do not have to contend with the Labor Day holiday as has happened in the past.

Your response to filling the May session was quick, and luckily we could fill all our registration requests and thus have no waiting list. We're just back from that session and can report that as usual, the week was just terrific.

The August session however, is a different story. As was the case last year, our current registration puts us in danger of losing the session. This would be a shame because we have a varied series of interesting classes to offer and a dynamic speaker, Denise Nelson. Denise is preparing new talks for us that sound just wonderful.

In addition, because of the August dates, we are able to bring back two outstanding and very popular instructors who would not have been able to join us had we been scheduled for September! You can see the list of classes on page 13 of this issue and find a registration form on page 14 in the *EFMLS News* -- June -July, 2015.

<http://www.amfed.org/efmls/efjune15web.pdf>

Please share this news with your club members and encourage them to send in their registrations ASAP. And, if you "advertise" in your June club newsletter and e-mail me a copy (efmlswildacres@gmail.com), your club will be entered into the Wildacres scholarship contest we've been talking about these past few months. The drawing will be held in mid-July and one lucky member of an entered club will win that scholarship to a 2016 w workshop (it could just be your club!).

So, if you are even thinking about attending, send in immediately! If we can get our minimum number of registrants by July 10 we can proceed with our plans for this exciting session and not have to cancel any classes...or worse yet, the entire session.

EFMLS News -- June -July, 2015

FIELD TRIP TO PA & NY
MAY 8-12, 2015



Photos Submitted by Joan Glover

Mini Miners Monthly

MINERALOGICAL FATHERS

Father of Mineralogy Georgius Agricola

Georgius Agricola was born on March 24, 1494 at Glauchau in Saxony (Germany). The name he was actually given when he was born was Georg Pawer. Today his last name, Pawer, would be “Bauer” in German. Pawer and Bauer mean “farmer.” When Georg became an adult, he decided to keep his name, but to have it in the Latin language. So, Georg became Georgius and Pawer (Bauer) became Agricola. Most mineral collectors and other scientists know him as Georgius Agricola.



Agricola was a very smart man. His intelligence was well-known even in his younger years. By the time he was 33, he was hired as the town Doctor at Joachimsthal which was a mining and smelting area. (Smelting is the process of removing metals from ore minerals.) While there he worked to provide excellent medical care for the people. He also wanted to learn about ores and smelting and he studied these things very carefully.

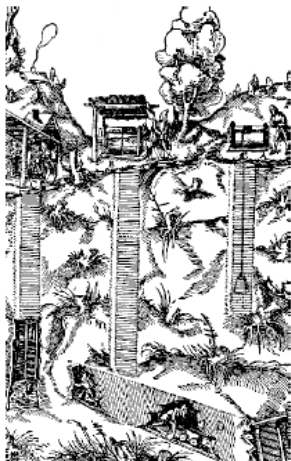
This learning led to one of the most famous books in the history of mineralogy

and mining. Georgius Agricola wrote many books, some about religious subjects and some about science. He is best known for a book he wrote in 1556 titled, *De Re Metallica*. It is a book about mining and different ways of extracting metals from ores. In this book he also described how ore bodies occur underground. It really was an early book about minerals, ores, geology and chemistry. Agricola died on November 21, 1555.

Above: Georgius Agricola

Above left: The title page of “*De Re Metallica*.”

Right: A picture from “*De Re Metallica*” of miners working



Father of American Mineralogy Parker Cleaveland

Parker Cleaveland was born on January 15, 1780 in Rowley, Massachusetts. As a young man he attended Harvard University and graduated from this famous University in 1799. After graduation he taught school. He tutored young people in mathematics as well. He was eventually hired to be a Professor at Bowdoin College in Brunswick, Maine where he continued to teach mathematics and other subjects.



He became interested in mineralogy and geology. He read a lot about these subjects and taught himself enough that he was able to offer college-level courses at Bowdoin College in these subjects. To make his lectures more meaningful, he went into the field to collect mineral specimens. Over the years he also traded and sought out gifts

of mineral specimens for his lectures. Many important mineral collectors of his day donated specimens to Cleaveland.

Professor Cleaveland wrote and published the very first book on mineralogy in the United States. It is called, *An Elementary Treatise on Mineralogy and Geology*. It was published in Boston in 1816. This book was so important that it became the official mineralogy textbook for many colleges in the United States and Europe. Because it was so important, Cleaveland was called “The Father of American Mineralogy” by other important mineralogists of his day.

A platy variety of the mineral albite was named after Cleaveland. This variety is called cleavelandite. Parker Cleaveland died in Maine on August 15, 1858.

Father of Modern Crystallography René Just Haüy

René Just Haüy was born on February 28, 1743 in France. His first scientific interest was the study of botany (plants). But one day a “fortunate accident” changed the direction of his interests. It was an “accident” that would begin a new field of study, crystallography. One Haüy was looking at a specimen of calcite that belonged to a friend. He



dropped the specimen and it broke into many, many pieces. He was fascinated to find that the pieces were similar in shape. This led him to study crystals more closely. Over time he developed a theory of crystallization based on mathematics. In 1802 he became Professor of Mineralogy at National Museum of Natural History. He was also the founder of the *Musée de Minéralogie* (Museum of Mineralogy). The mineral Hauyne was named in his honor. Haüy died on June 3, 1822.

Father of Modern Geology James Hutton

James Hutton was born June 3, 1726 in Scotland. He grew up to love nature and natural things and he became a natural scientist, a geologist, a chemist, and he even experimented with agriculture.

He is most famous for his work about geology. Hutton was fascinated by the rock formations he saw in his native country of Scotland. He made very careful observations about the geology around him. For example, he noticed that on dry land he could find rocks that contained fossils that he knew were once ocean-living creatures. This caused him to think that something happened to turn ocean sediments into rock and to later lift that rock high above the sea level.

By studying geologic formations in the field, he concluded that the geologic processes that we can see today (like erosion and sedimentation) occurred in the same way throughout geologic history. Hutton called this the “Theory of Uniformitarianism.” Though not accepted by all scientists in his day, Hutton’s ideas eventually became the foundation of the field of modern geology. James Hutton died on March 26, 1797.

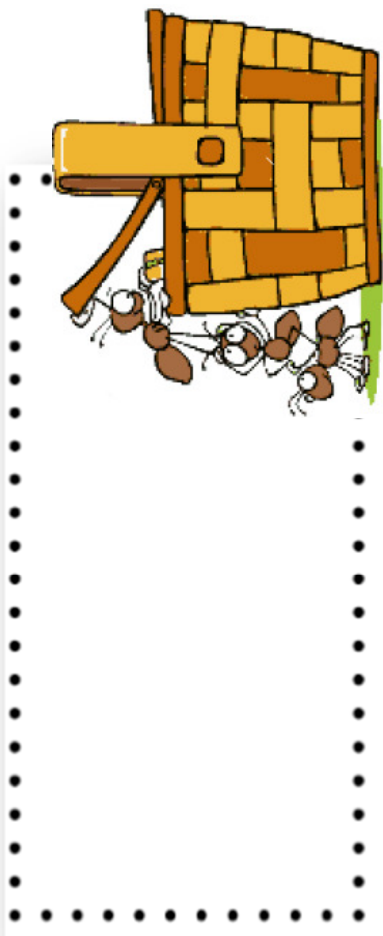


Mini Miners Monthly- May 2015

Darryl Powell

<http://www.diamonddanpublications.net/>

First Class Mail



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Club Meeting

Tuesday
June 9, 2015

**ANNUAL CLUB PICNIC
6:30 PM**

**Harry & Janice Polly's House
Lenoir, NC**