

TAR HEEL



ROCKHOUND

OCTOBER 2014

CATAWBA VALLEY GEM & MINERAL CLUB, INC.

2014 OFFICERS AND COMMITTEES

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Secretary:	Dean Russell 828-303-1448		Bob Tallent 828-851-8434	Eastern Federation Liaison:	Larry Huffman 828-612-4469

ldhuff314@embarqmail.com

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.

2014 ANNUAL KENTUCKY FIELD TRIP FOR GEODES

Click Links to View:

By Joan Glover



<http://youtu.be/ic5bawqguv0>

<http://youtu.be/32XIKPwzIBQ>

CATAWBA VALLEY
GEM & MINERAL CLUB, INC.

<http://www.cvgmc.com/>

Web Master: Mike Streeter

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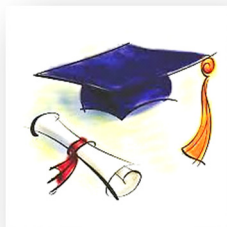
Velda L McLean, Editor
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PRESIDENT'S MESSAGE

Norma Ridenhour, Club President

Happy Fall!

The most important item on our agenda at the October meeting is to identify a student and a postgraduate/professor to receive a scholarship from the Eastern Federation which will be presented at the banquet in March. Please give considerable thought to who you might nominate. We will also have elections for a new president for CVGMC in November. The nominees will be presented at the October meeting.



Norma

CATAWBA VALLEY GEM AND MINERAL CLUB, INC.

Minutes for September 9, 2014

The September 9, 2014 meeting of the CVGMC was called to order by President Norma Ridenhour at 7:00 PM. There were 39 members and visitors present.

A motion was made by Rick Glover and seconded by Harry Polly to accept the August 12, 2014 minutes with the corrections. George Brown, not George Max on the membership cards. "Somewhere in the Rainbow", only part of the collection will be shown and Glen Bolick bought the emerald. Motion was passed by the Club.

Treasurer Report: Bank balance was reported.

Field Trip Report: Reel Mine will be in September.

Education Committee: *Adult Life* on Springs Rd. would like a presentation in the future.

Show Committee:

- Banquet at the 2015 Show is the Club banquet. Larry Huffman recommended Lowell Presnell, the author of "Mines, Miners, and Minerals of Western North Carolina", to be the speaker. Motion was made by Rick Glover and seconded by Richard Aultman, for Larry Huffman to contact Mr. Presnell. Motion was passed by the Club.
- The school program will be improved.

Old Business:

- George Brown – membership card samples were sent around.
- Dean Russell. – name tag design was shown and he asked for any other suggestions.
- Joan Glover talked about the new projector and screen options.

New Business:

- George Max, Wayne Bowman., and Glen Bolick are working on three new cases for the schools.
- Need candidate(s) for Club President.
- Rick Glover suggested a point of contact for the Show on the Club website.
- Terry Russell suggested a Show Committee meeting separate from the Club meeting.

Closing of Business: The meeting was adjourned at 7:40 PM.

Program:

- Larry Huffman did a review of his trip to Mt. Pleasant in Pennsylvania.
- Joan Glover showed pictures from the Kentucky geode trip.

Respectfully submitted,
Dean Russell, Secretary

OCTOBER PROGRAM



Rick Glover,
Program Director
Glenn Bolick, Wayne Bowman and George Max will present the program on mineral display case construction.

Every year we donate a mineral display case with minerals to an area school so the case must be designed, constructed, and then lights, locks, and the interior covered with fabric before the minerals can be placed with identification labels.

In addition to this work we need to inspect and clean and recover the interiors of some of our older cases. We will demonstrate how this work is done.



FIELD TRIP NEWS

Harry Polly, Field Trip Coordinator

The October field trip will be to the Reel mine for amethyst. We have reserved Friday, Saturday, and Sunday. You may go all three days or whatever fits your schedule. We

will meet at the mine site each day. Camping is permitted, port-a-john on site. Dig fee is \$25.00 per day. Digging tools, scratching tools, hammers, chisels are the norm here. Bring your food, drinks, and raingear. If anyone needs direction, call me at 828-244-6651.

Harry



2015 CONVENTION NEWS

By Larry Huffman,
Catawba Valley

Gem & Mineral Club Liaison

Looking for Amethyst??? – Dig Here!

Although the 2015 EFMLS Convention to be held in Hickory, NC is still several months away, we want you to start planning your schedule of activities now!

The Convention itself will be the weekend of March 27 - 29, 2015 at the Hickory Metro Convention Center. The host hotel will be right next door.

On Friday March 27 the Catawba Valley Gem and Mineral Club will be hosting a field trip to the Reel Amethyst mine in Iron City, Lincoln Co, NC. The location is about a 35 minute drive from the convention hotel.

Specimen types usually found here include amethyst, beryl, ionized quartz, smoky quartz, and associated gems and minerals. This mine has been intermittently opened and closed for many years. The current owner, Mr. Frances Sutphin has reached an agreement with the county on how field trips will be scheduled and conducted. The weekend of March 27 to March 29 has been set aside for the Catawba Valley Gem & Mineral Club (CVGMC) and EFMLS.

The cost for each person digging is \$25, but children under 13 are free when accompanied by a paying adult. All attendees must be current members of an EFMLS or SFMS club having federation liability insurance, MAGA, Boy Scouts or any other club that can show proof of liability insurance.

Hand digging tools (shovels, spades, picks, post holes diggers, forks, rakes, and other similar hand digging utensils and equipment are to be used. No backhoe, ditch digger, or motorized digging or drilling equipment will be allowed.

CVGMC field trip advisor, Harry Polly will meet all who wish to go on the field trip at 8 am in front of the convention hotel. We will return in time to attend the "Cracker Barrel" at 5:30 pm. Be sure to watch for the registration form to sign up for the field trip. For additional info about the field trip, please contact Harry at pollysrock@yahoo.com.

EFMLS News -- October, 2014

EQUIPMENT FOR SALE

Harry Polly

One of our old time members has had to enter a rest home. His daughter is putting his equipment up for sale. Included in the sale are the following:

Raytech 10" rock saw with automatic feed. This is a table top saw and is in very good condition. Cutting material included are unakite, agate, and extremely nice mahogany obsidian. \$500.00

Lortone cabbng machine. This machine has a grinding wheel on the left and a expandable drum on the right with a polishing pad on the end. Good condition. Comes with 40 pounds of cabbng rough, plus extra polishing pads, and polishing compounds. \$500.00

Graves Mark IV faceting machine in extremely nice condition. Has seen very little use. Comes complete and ready to use with all laps, dops, and transfer jig. Some of the laps have never been used. Some have seen very little use. Comes with almost three pounds of topaz, plus about 1 1/2 pounds of other facet material including rose, smoky, clear quartz, garnet, and Mexican opal. A steal at \$1500.00

Herkimer Diamonds in matrix. This lot covers three square feet. One Herkimer alone is over an inch. \$250.00 for the lot.

E-mail me for pictures at pollysrock@yahoo.com.
Harry Polly, 828-728-9553 (home), 828-244-6651 (cell)

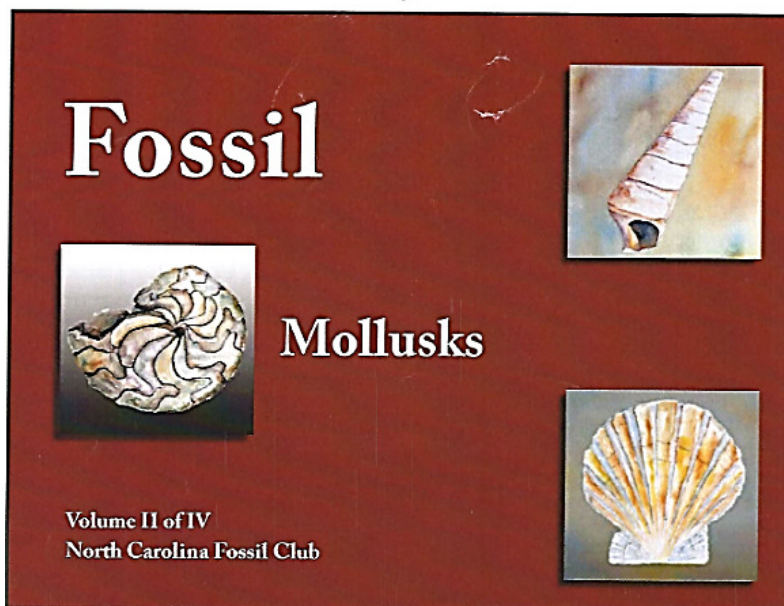


TERRY LEDFORD

As many of you already know, Terry Ledford was killed in a mining accident September 17, 2014 in Hiddenite, NC. He was digging in a trench and it collapsed on him, burying him under four feet of dirt. Our condolences go to his

family. Terry was a longtime friend of the rockhounding community and also to our club. He had been a dealer at our club show for several years, bringing minerals from Hiddenite and Jacksons Crossroads.

*The North Carolina Fossil Club proudly
announces its newest publication:*



- Authors:
John Timmerman
Richard Chandler
- Contents:
Cephalopods,
Chitons, Tusk Shells,
Bivalves, and
Gastropods
- 240 pages
- 12" x 9" format
- Hundreds of color
photographs
- Book:
\$60.00 in person
\$66.00 shipped
- CD:
\$15.00 in person
\$17.00 shipped

Additional Publications of the North Carolina Fossil Club



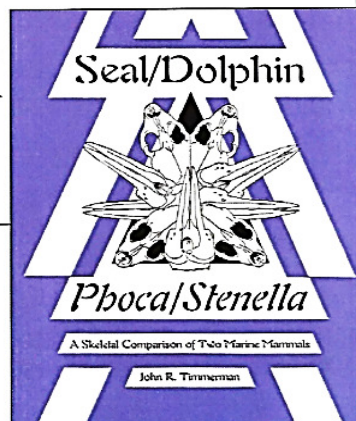
- Thirteen authors
- 296 Pages (12" x 9")
- Hundreds of color photos
- \$60.00 in person, \$66.00 shipped
- CD: \$15.00 in person, \$17.00 shipped
- Includes NC Geology, Plants,
Ediacaran Biota, Micro Fossils,
Sponges, Corals, Bryozoans,
Brachiopods, Worms,
Crustaceans, and Echinoderms



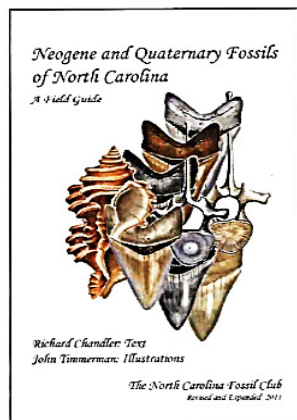
Further Information:
NCfossilclub@gmail.com

Online Orders:
www.ncfossilclub.org/node/8

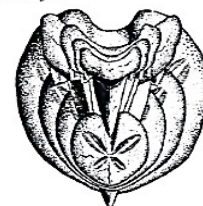
Seal/Dolphin
77 Pages (8½" x 11")
Profusely illustrated
\$10.00 in person
\$13.00 shipped



*Neogene and Quaternary
Fossils of North Carolina
Illustrated Field Guide*
23 MYA to Recent
58 Pages (5" x 8½")
\$5.00 in person
\$7.00 shipped



*Cretaceous and Paleogene
Fossils of North Carolina
A Field Guide*



*John Timmerman: Illustrations
Richard Chandler: Text*

*The North Carolina Fossil Club
(revised edition 2009)*

*Cretaceous and Paleogene
Fossils of North Carolina
Illustrated Field Guide*
85 to 23 MYA
70 Pages (5" x 8½")
\$5.00 in person
\$7.00 shipped

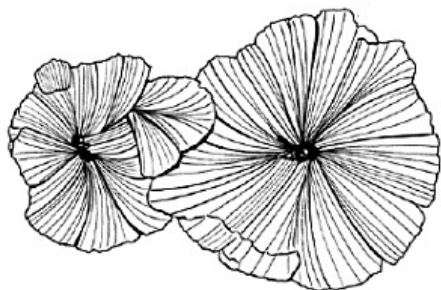
Further info: ncfossilclub@gmail.com
To order: www.ncfossilclub.org/node/8
All prices include NC sales tax

MYSTERY MINERAL: WHO AM I?



I am a native element.
I am metallic.
I crystallize in the isometric system.
Often I form as very thin wires and sometimes as very thick bundles of wires.
People use me to make coins, forks, spoons, knives and rings.
I am very bright when clean, but tarnish easily to black.
Who am I?

MYSTERY MINERAL: WHO AM I?



My chemical formula is $\text{NaCaB}_5\text{O}_6(\text{OH})_6 \cdot 5(\text{H}_2\text{O})$.
I am found in evaporite deposits.
I am mostly found in California and Nevada.
When my crystals grow parallel to each other, I can be cut and polished to make "tv stone" because my crystals work like fiber optic cables.
I was discovered by Georg Ludwig Ulex.
Who am I?

MYSTERY MINERAL: WHO AM I?



My crystals can be found in over 600 different forms.
I am a carbonate mineral.
Two other minerals have my chemical formula, but crystallize in different crystal systems. These two minerals, aragonite and vaterite, are called *polymorphs*.
I dissolve in hydrochloric acid. I am on the hardness scale.
Who am I?

Mystery Mineral Answers: Silver, Ulexite, Calcite

Mini Miner Monthly—September, 2014

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www.diamonddanpublications.net

Good Day,
Mineral Enthusiasts,

It's time for the "We're heading for the holidays" special. Knowing that it takes time to make plans for the holiday season events, the following is announced now so you will have time to talk about this special offer:

For every order of our newest book, Diamond Dan's *Mineralogical Dictionary for Mineral Collectors*, you will receive at no extra charge an equal number of *The World of Minerals* activity book AND an equal number of our ever-popular *mineral placemats*.

Picture setting the tables for your annual holiday celebration with a mineral placemat, a mineral activity book about California's great mineral treasures and sending them home with a holiday gift of their own mineralogical dictionary.

**ALL FOR
\$2/SET!!!!!!
(plus shipping).**

**Best wishes to you all.
Sincerely, Darryl**

**Diamond Dan Publications
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Rochester, New York 14620
585.278.3047**

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TAR HEEL ROCKHOUND

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Club Meeting

Tuesday
October 14, 2014
7:00 PM

St Aloysius Catholic Church
921 2nd St NE
Hickory, NC