

TAR HEEL



ROCKHOUND

OCTOBER 2010

CATAWBA VALLEY GEM AND MINERAL CLUB, INC.

2010 OFFICERS AND COMMITTEES

President: Tom Winslow
800-589-4619
Vice President: Baxter Leonard
Treasurer: Zan Ritchie
828-495-8456
Secretary: Baxter Leonard

Editor: Velda McLean
828-750-4213
Field Trip: Harry Polly
828-728-9553
Education: Glenn Bolick

Show Chairmen: George Max
828-328-9107
Baxter Leonard
Scholarship: George Max
828-328-9107

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.

WE WANT YOU

Electing Officers and Directors
for the 2011 Year



Please review the duties of
officers and directors in this newsletter.
Give strong consideration to
participating this year in the
leadership of your club.
We can only have a strong club
if everybody does their part.

INSIDE

President's Message-----	2
Minutes -----	2
October Program-----	3
Field Trip News-----	3
You Tube Video-----	3
Crystal Peddler-----	3
Graves Mountain Field Trip -----	4
Richmond Gem & Mineral Society 2010 Fall Rock Swap-----	4
<i>Mini Miners Monthly</i> -----	5
Examples of Pseudomorphs-----	5

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PRESIDENT'S MESSAGE

Tom Winslow, Club President

The Catawba Valley Gem and Mineral Club board of directors met on September 28. At that meeting we approved several changes to the Constitution and Bylaws plus a number of other items that we will bring before the membership at the next meeting. The Board approved funds to purchase *Microsoft Office* software (up to \$500) for the treasurer and we also approved funds for a *Catawba Valley Gem and Mineral Club* website (up to \$1000).

It is Time to Begin the Process of Electing Officers and Directors for the 2011 Year

Several people asked about the duties of a different officer and director positions so you will find the job descriptions listed in this newsletter.

Please review the duties of the officers and directors and give strong consideration to participating this year in the leadership of your club. We can only have a strong club if everybody does their part.

OFFICERS AND DIRECTORS

Section 1 - Officers of the Club shall consist of a President, Vice-President, Secretary and Treasurer, all of whom shall be elected.

Section 2 - The Board of Directors of the Club shall consist of the Club Officers, the Show Chairman (or both Co-Chairmen), the Bulletin Editor, and one Member-at-Large all of whom shall be elected, plus the immediate past President. In the event that the immediate past President is no longer a member of the Club, a replacement board member shall be elected from the membership. In the event that any person is elected to more than one position, an additional board member shall be elected from the membership.

Section 3 - The Board of Directors shall act as a steering committee for the Club and, if necessary, make decisions in the best interest of the Club. They shall also approve the disbursement of funds, as limited by Article XII of the club By-Laws.

DUTIES OF OFFICERS AND DIRECTORS

Section 1 - The President shall preside over all meetings of the Club and of the Board of Directors, and shall be an ex-officio member of all committees except the Nominating Committee. The President shall have the privilege of succeeding himself. His tenure shall be limited to two (2) consecutive terms in addition to any partial term of that office he might have served, but shall not limit re-election at a later date.

Section 2 - The Vice-President shall perform the duties of the President in the absence of the President and shall have the added responsibility as Program Committee Chairman. The Vice-President shall have the privilege of succeeding himself. His tenure shall be limited to two (2) consecutive terms in addition to any partial term of that office he might have served, but shall not limit re-election at a later date.

Section 3 - The Secretary shall maintain minutes of meetings of the Club and of the Board of Directors, and handle such correspondence as shall be deemed necessary. The Secretary shall be responsible for publishing and distributing a club roster no later than the March meeting and for distributing an up-to-date roster, Constitution and By-Laws to new members. The Secretary shall be the custodian of all business correspondence, permanent business records (except the Treasurer's records) and the official documents of the Club including: The Articles of Incorporation, By-Laws, etc., and shall present such records to the Directors upon request. The Secretary may succeed himself so long as the Club desires and he is willing to accept the responsibility.

Section 4 - The Treasurer shall collect and periodically account for funds due the Club, make such disbursements as shall be approved by the Directors, Officers or Committee Chairmen responsible for them, and maintain custody of funds retained by the Club. The Treasurer shall prepare and present a financial report of the annual show no later than sixty (60) days following the show. The Treasurer shall be the custodian of all financial records, insurance policies, business licenses, etc., and shall present such records to the Directors upon request. The Treasurer may succeed himself so long as the Club desires and he is willing to accept the responsibility. (Amended 1978, 1983)

Section 5 - The Show Chairman shall have responsibility for direction of the annual show. The newly elected Show Chairman shall have the added responsibility of being Vice-Show Chairman until the close of the show following his election. At this time, he takes office as Show Chairman and begins preparation for the next show. The Show Chairman shall present a physical report of the annual show no later than sixty (60) days following the show. This physical report shall include an inventory of all show materials and their storage location. The Show Chairman may succeed himself so long as the Club desires and he is willing to accept the responsibility. (Amended 1983).

Section 6 - The Bulletin Editor shall publish, once each month, a bulletin including, but not limited to: the date and place of the next meeting, information pertaining to the field trips, additions and deletions to the roster, a synopsis of the minutes of the board and club meetings and other information related to the Club and the hobby. The Bulletin Editor may succeed himself so long as the Club desires and he is willing to accept the responsibility.

CATAWBA VALLEY GEM AND MINERAL CLUB, INC

Minutes, September 14, 2010

The September meeting of the CVGMC was called to order by club president Tom Winslow at 7:00 PM. Twenty two members were present and one visitor, Megan Russell of Hickory, was welcomed. Ken Twardzik was welcomed as a new member. The minutes of the August meeting were approved without corrections.

Treasurer's Report: Zan Ritchie stated the existing balance was \$12,538.29. He repeated the proper process of payment of dues which is covered in this month's newsletter.

Show Committee: Beth Oczkowski stated all of vendor contracts for next years' show have been mailed & three have been received back. George Max stated nothing new from the Convention Center.

Field Trip Report: Harry Polly informed the club that 12 members attended the Labor Day weekend hunt for geodes in Kentucky---the collecting was excellent.

Old Business: Beth Oczkowski hoped to have information next month from her daughter concerning a possible club web site. Harry Polly read a letter/e-mail from Mike Streeter concerning a club web site and his willingness to be the web master of the web site. Tom Winslow agreed to transfer the domain names CVGMC.com & CVGMC.org, which he's maintained, to the club.

New Business: Tom Winslow proposed a motion that a Lap Top be purchased by the club for:

- club membership & data base
- copy of website
- maintain historical records

The Lap Top would reside with the treasurer--total expenditures may vary from several hundred dollars to \$1,000

After further discussion, Glenn Bolick made a motion which was seconded by Eric Fritz, that a board meeting should review this subject and present it's recommendation to the club at the next meeting--this was approved.

A Nominating Committee to be chaired by Harry Polly, will present a slate of officers to the club for 2011.

Door prizes were drawn by members. The program on Tumbling by Baxter Leonard was presented with his slant on success & failures.

The meeting adjourned with the conclusion of the program at approximately 8:20 PM.

Respectively submitted:
Baxter Leonard, acting Secretary

SEPTEMBER PROGRAM

Hunting for the Elusive Arkansas Quartz

Baxter Leonard

FIELD TRIP NEWS

Harry Polly, Field Trip Coordinator

The October field trip of the *Catawba Valley Gem & Mineral Club* will be held on October 9th. We will be going to the *Woodlawn Quarry* in Marion. We will meet in Morganton at the convenience store at Exit 100. The convenience store will be on your right after you exit. We will meet at 8:00 am. We can stay at the dig site until 4:00 pm. There is no charge to dig. Please bring a hardhat, steel toe shoes, safety glasses. Other items to bring would be digging tools, crack hammer and chisels. Bring food, water, and raingear. There are no facilities, so be prepared to do your business in the woods.



Harry Polly

ARKANSAS QUARTZ CRYSTAL MINING

You Tube Video by amethyst king



Click Link to View ↓

http://www.youtube.com/watch?v=alpFLbE_R5s



CRYSTAL PEDDLER.

Selling quartz crystals from a horse-drawn cart, Hot Springs, Arkansas ca. 1878

GRAVES MOUNTAIN FIELD TRIP OPPORTUNITY

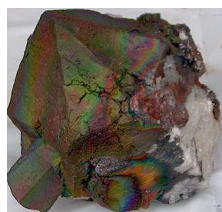
Harry Polly, Field Trip Coordinator

Thomas Davis has secured Graves Mountain for Monday, October 18 and Tuesday, October 19th. Anyone wishing to go please contact him at:

Thomas.Davis@fascontrols.com.

As Thomas stated at the last meeting, he was not sure how much longer the mountain will be open to collecting. This may be our last chance. If you would like to go, contact him. He will give you directions and info on hotels in the area, and any costs involved.

GRAVES MOUNTAIN CODE OF CONDUCT



➤ Park your vehicle in the designated area (at the end of the paved access road but not much beyond the woods to the right of this road).

➤ NO child under the age of 12 years old is to be allowed on the mountain because of all the dangers

involved.

➤ ALL pets must be kept under control and on a leash.

➤ The caretaker, Junior Norman, has final and absolute say as to where you may safely work.



➤ Ladders or power tools of any kind will not be allowed. (HAND TOOLS ONLY!)

➤ STAY AWAY FROM ALL HIGH WALLS!!

➤ NO REPELLING OFF OF ANYTHING!

➤ NO ONE IS ALLOWED TO DRIVE THEIR VEHICLE ON ANY PART OF GRAVES MOUNTAIN BEYOND THE PARKING AREA! (The caretaker must accompany anyone driving beyond the parking area!)



➤ EVERYONE NEEDS TO BE OFF THE MOUNTAIN BY DUSK. (Absolutely no one is allowed on Graves Mountain after dark.)



19th Annual Richmond Gem & Mineral Society
2010 Fall Rock Swap
Saturday, November 13, 2010
9am to 3pm
Set Up available at 7 am
FREE Admission!
Ridge Baptist Church meeting hall

(building on west side of church – rear of parking lot)

1515 Eastridge Road

Richmond, VA

Swappers:

Please label your specimens!

To help defray costs, Swappers will be asked to donate at least one quality specimen (no larger than fist-sized) to be auctioned at future RGMS functions.

RGMS will provide indoor tables (6-8')

– limit of one per person — first come, first served – (no reservations). You are welcome to bring your own table(s) and set up in the grassy area beside the meeting hall.

Driving Directions:

North or South of Richmond, Use I-95 to Exit 79 to I-64 West. Take Exit 181A (South) to Parham Road. Proceed south on Parham about 1.5 miles and turn Left onto Eastridge Road. The church is about 400 feet down, on your Right. There is ample (free) parking in front of the meeting hall.

For More Info:

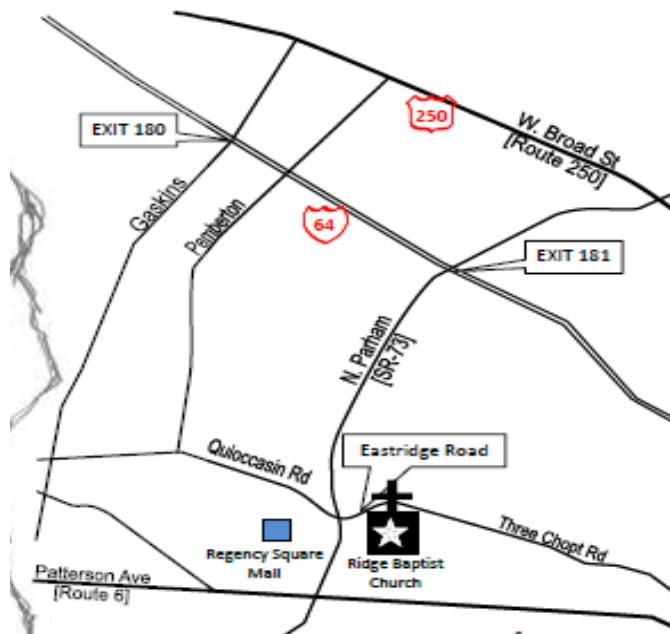
(Swap Chairman)

Murray Rosenberg: 804-740-0019

(Club President)

Carl Miller: 804-310-8762,

Or email: RGMS_Info@yahoo.com



WHAT IS A "PSEUDOMORPH"?

by Darryl Powell

The mineral world is full of all sorts of surprises. Just because a mineral looks like one mineral doesn't mean that's what it is! Am I confusing you? There is a category of minerals that will confuse you. They are called pseudomorphs (pronounced soo-doe-morfs). Pseudomorph is from two Greek words that literally mean fake form. In the mineral world, a pseudomorph is a mineral that has the chemistry of one mineral but has the shape (that is, the crystal form) of another mineral.

This is what happens. A mineral forms in the earth. It slowly crystallizes until, at some time, the growth stops and the crystal is complete. Then, something changes in the earth. The chemistry around the mineral changes. This starts to change the chemistry of the crystal. Over time, thousands and thousands of years, the chemistry of the mineral changes.

HOWEVER . . . the crystal shape doesn't change! This creates a pseudomorph. The final mineral specimen has the chemistry of one mineral BUT the shape of another!!!! There are all sorts of different pseudomorphs. Here are some examples . .

Malachite after Azurite
Mica after Tourmaline
Hematite after Magnetite
Turquoise after Apatite
Calcite after Glauberite
Limonite after Marcasite
Quartz after Fluorite
Halite after Gypsum
Calcite after Aragonite



Malachite after Azurite



This is only a very short list. There are so many different pseudomorphs that some mineral collectors specialize in collecting only pseudomorphs. Maybe YOU would like to specialize in pseudomorphs.

Left: Turquoise after Apatite

www.diamonddanpublications.net

EXAMPLES OF PSEUDOMORPHS



Malachite after Azurite



Turquoise after Apatite



Limonite after Marcasite



Limonite after Pyrite



Calcite after Aragonite



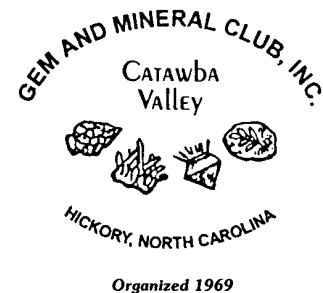
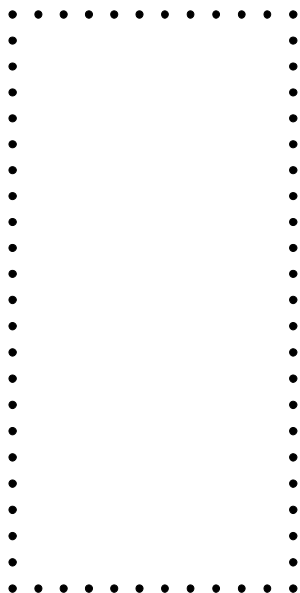
Calcite after Glauberite

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First Class Mail



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Club Meeting

**Tuesday
October 12, 2010
7:00 PM**

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