

FORSYTH GEM AND MINERAL CLUB, INC.

Nature's Treasures

Oct 19, 2017

*** *Public Version* ***



MEETING: The next meeting of the Forsyth Gem and Mineral Club will be held at **7:30 PM, Oct 19, 2017**, the third Thursday of the Month, at **Vulcan Materials Company's Training Center, 4401 N. Patterson Ave., Winston-Salem, NC.**



PROGRAM: Our speaker for the meeting is Dr. Andy Heckert, associate professor of Geology at Appalachian State University. He is an expert on the Triassic, and will talk about the Triassic in NC.



Refreshments: Refreshments for the October meeting will be provided by **Caroline Jones and Daniel Bowles**. The Club will provide cups and napkins and ice for the refreshments. Those volunteering to provide refreshments need only provide sufficient drinks and snacks, such as, cookies, cakes, crackers, or donuts *and ice*

.2017 Refreshment List

January	Sandra & Stephanie Myers, Jim Jones	July	Beards, Sturiks
February	Brent Beck, Charles Whicker	August	Picnic
March	Bakers, Hughes	September	Show
April	McGilvarys, Brouhles	October	Caroline Jones, Daniel Bowles
May	Goodes, Pete Smith	November	Marions, Reeds
June	Gaskills, Schlottmans	December	Holiday/Show Dinner

If you enjoy the refreshments, please be prepared to take a turn in furnishing them. NOTE: if you volunteer to bring refreshments, please do so. If you are unable to attend for any reason, contact Vickie Gaskill or Jeanne Schlottman prior to the meeting so that alternate arrangements can be made.

Note: Due to equipment issues in the meeting area kitchen, it will be necessary for the refreshments providers to also bring ice for the drinks, at least for the next couple of months.



DON'T FORGET YOUR NAME TAGS



"Extra" Field Trip

Note: FGMC Field Trips are for club members and their families only. Liability issues mean that these trips cannot be attended by the general public unless otherwise noted.



School Group Speaker Needed

Arvil reports that among the notes from the show he found a request from a home-school group asking for a speaker:

Betsy Jenkins - 951-723-0712 mythreelittlebirds@gmail.com

Homeschool group looking for a speaker to come teach us about rocks & minerals. Grades range from elementary to high school. She was at the show with a group and seemed really interested.

If anyone is interested, contact our outreach coordinator: David Goode



Screening Supplies Available

Member Erica Lyons sends word that she has some materials available for making screens:

I got a little bit over ambitious buying supplies to make rockhounding boxes and I have extra.

It's this type of box: https://www.youtube.com/watch?v=MI_IRnf5pig

I've got all the wood pre cut, extra unopened boxes of screws, and two unopened rolls of two different sizes of hardware cloth metal mesh. I paid more than sixty dollars at Home Depot for all this stuff and now it's sitting here taking up space and I hate clutter.

Would you please let the group know that I have these supplies for sale? If they match the \$60 price I paid for it all I'll throw in a dozen stone cabochons as a thank you. Jasper, labradorite, sodalite, tiger's eye, etc. natural stones.

Thanks, From, Erica Lyons



Show Review

Review of the recent show by Show Chair Arvil Marion:

The Show is over for another year. While we again experienced some labor shortages we continue to have a successful show. A special thanks to all of the dedicated members who put in so much time to make this Show a success. A good number of members willingly spent a considerable amount of time helping with the show and all members should be grateful. We had members drive from Sparta to help set up and take down.

We recorded a total attendance of 2,665 which is a pleasant increase over the last several years.

Of the 51 Families comprising the club on setup day, 31 families participated in bringing the Show to realization. As is obvious, some members contributed nothing (some absences were fully understandable) while others contributed much, much more to make up the difference.

Without members willing to contribute more than their share, the show would be considerably smaller or perhaps follow in the footsteps of shows in surrounding areas.

This writer would like to take this opportunity to thank all that contributed their time and energies to make this show a success. Special thanks to new members that contributed significantly at take down - welcome to the group. Some people were on hand from the time the doors opened Thursday for set-up, and daily from the time dealers were let in, until the dealers left in the evening. Others, a few hours, but all contributed and their contribution is much appreciated. There were no unimportant jobs. Year after year, several members generously contributed far more than their share, and to those members, the Club owes a great deal, for without your unselfish contribution the quality of our Show would undoubtedly suffer--to those folks a special "Thank You". The following Club members contributed their time and energy to help bring the Show to completion:

Lowell Baker	Trey Caldwell	Nan Harper Janeway	Angela McGilvary	Ann Riddle
Willann Baker	Joe Edwards	Dick Hartz	Alex McGilvary	Diane Roby
Thor Bochonko	Terry Fulcher	Robin Hiatt	Sandra Myers	Charles Wicker
Brent Beck	Joan Fulcher	Caroline Jones	Stephanie Myers	Jay Wilhelmi
Kurt Brouhle	Al Gaskill	Wayne Ketner	David Mengel	Hope Jordan
Scott Brouhle	Vickie Gaskill	Sherry Marion	Lori Nicholson	Chris Jordan
Daniel Bowles	David Goode	Arvil Marion	Lisa Reed	
Wade Boone	Bob Hudspeth	Lori Marion	Ken Reed	
Sammie Boone	Steve Herbert	Scott Marion		

Without these folks contributing so much of their time, the show would have certainly suffered, as would this writer. I personally thank each one of them and so should all that enjoy the Show.

This information was accumulated from the volunteer work schedule. If I have missed anyone that volunteered and worked at the show, I apologize. Please call it to my attention and it will be noted in the next Bulletin.

We continue to receive rave reviews on our Set-Up Day/Dealer Dinner especially on the chicken and lasagna prepared by Trey. Many thanks to Vickie Gaskill, and her helpers for organizing and seeing to all the details and to the many other contributors and helpers for an outstanding job of overseeing this event. Much thanks to all those people who worked on the dinner and brought food for all to enjoy.

Dealer response to the Show was very positive. Some dealers were very, very pleased with the show.



Dixie Mineral Council Field Trip

An Official Field Trip of the Cobb County Gem and Mineral Society, Inc. (Marietta, GA) - HOST
An Official Field Trip of the Forsyth Gem & Mineral Club

Note: DMC Field Trips are for club members of DMC-affiliated clubs and their families only. Liability issues mean that these trips cannot be attended by the general public unless otherwise noted.

Polk County, GA

TRIP: This is a favorite collecting trip of CCGMS. New areas are bulldozed each time and jasper is plentiful and easy to find.

COLLECTING: We will collect beautiful jasper pieces that make excellent cabochons. The pieces are multi-colored in reds, yellows, whites, and blacks with both banding and mottled arrangements.

BRING: Rock hammer, small pick or shovel for light digging, a garden rake, work gloves and a bucket to put finds in. Please fill any holes you make as this is a working cattle ranch and we are grateful to the owner for letting us collect on his land. New areas have been bulldozed so that the jasper is quite easy to find. You might want to bring a spray bottle of water to clean finds. Bring your lunch and water to drink. The hosting club will have bottled water and snacks available.

CHILDREN: Yes, this is a great trip for children of all ages with parental supervision.

PETS: No. This is a working cattle ranch, no dogs are allowed..

FACILITIES: There are no facilities at the site.



Reviewing: Rutile

From Geology.com/minerals

What is Rutile?

Rutile is a titanium oxide mineral that is most commonly found in granites, pegmatites and metamorphic rocks. It is also found in sands derived from the weathering of these rocks. Rutile also forms as slender crystals within quartz and micas. It is a common mineral in the alluvial sands that are dredged for magnetite and ilmenite.

Uses of Rutile?

Rutile is used as a coating on welding rods. It is also used as an ore of titanium, a metal used where light weight and high strength are needed. Some rutile used in the production of pigments for paints.

Physical Properties of Rutile

Chemical Classification	oxide
Color	red, reddish brown, reddish black
Streak	pale brown
Luster	adamantine to submetallic
Diaphaneity	transparent to subtranslucent
Cleavage	good
Mohs Hardness	6 to 6.5
Specific Gravity	4.2 to 4.4
Diagnostic Properties	luster, color

Chemical Composition	titanium oxide, TiO ₂
Crystal System	tetragonal
Uses	an ore of titanium, pigments, inert coating on welding rods



Meeting Minutes

There was no meeting in September due to the annual club show.

Respectfully Submitted,
Wayne Ketner, Secretary



Upcoming Shows

October 20-22, 2017 - 26th Annual Gem & Mineral Show, Knoxville, TN - Knoxville Gem and Mineral Society - Fri., Sat: 10:00 AM - 6:00 PM, Sun: 11:00 AM - 5:00 PM - Kerbela Temple, 315 Mimosa Ave, Knoxville, TN - Admission: \$6 per person per day or 3 day pass for \$10 per person - Children under 12 admitted FREE - The Gem, Mineral and Jewelry Show will have many vendors that offer great products including a wide variety of jewelry; rare fossil and mineral specimens; meteorites; gems of all colors shapes & sizes; lapidary & jewelry equipment; and much more. - For more information, contact Teresa Polly teresapolly@bellsouth.net www.knoxrocks.org/gemshow.html

November 17 - 19, 2017 - The Columbia, SC Gem & Mineral Society will hold its **50th Annual Gem, Mineral, & Jewelry Show** – Fri, Sat.: 10:00 -6:00, Sun: 11:00 - 5:00 – Jamil Temple, 206 Jamil Rd. - Columbia, SC 29210 - Jewelry, beads, loose stones, fossils, minerals, gold, silver, & tools for sale. Geodes sold & cut. Club member's rock collections on exhibit & lapidary demonstrations.- Lots of fun for the whole family. South Carolina amethyst on display. Sponsored by The Columbia Gem & Mineral Society - \$5.00 for adults, Sixteen & under free with adult. All military & their dependents free. Sue Shrader: 803-736-9317 ashrader@mindspring.com Dealers; Sharon Sterrett 803-356-1472 ssterrett@sc.rr.com - www.cgams.org

November 24 - 26, 2017 - Salem, VA - 38th Annual Roanoke Valley Mineral & Gem Society Show - Fri, Sat: 2pm to 7pm, Sun: Noon to 5pm Salem Civic Center, 1001 Boulevard, Salem, VA 24153 - Free Parking - Hobby related exhibitors, Fluorescent Mineral Display, Club Member Displays, Geode Cutting, New this year is a video room showing gem and mineral related videos all day - Admission is \$5.00 ticket good for all three days -14 and under free with adult -Door prizes drawn hourly Grand prizes drawn 4:30pm Sunday - For further info, CKWLT@aol.com.



Time For Nominations

With the year winding down it is time once again for nominations for officers for the upcoming year. This year's nominating committee is Sherry Marion and Ken Reed. Anyone who is interested in running for any of the offices should contact them.

The elected offices are President, Vice-President, Secretary, Treasurer, and Directors.

The initial slate will be announced at the October meeting.

Nominations will be closed and voting will be done at the November meeting.

The Hospitality Chair, Editor, and Field Trip Chair are appointed positions. Anyone interested in those functions can also notify the nominating committee.



Nature's Treasures

Nature's Treasures is the monthly newsletter of the Forsyth Gem and Mineral Club.

President:	Jeanne Schlottman	336-940-2203
Vice-President:	David Goode	336-761-0326
Secretary:	Wayne Ketner	336-769-3553
Treasurer:	Alex McGilvary	
Hospitality:	Vickie Gaskill	
Editor:	Wayne Ketner	336-769-3553
Directors	Ken Reed Jeff Schlottman Sherry Marion Sandra Meyers	
Field Trip Chair	Stephanie Myers	