

Presidents Message:

Hello To All,

I found the following poem in the March-April 1962 Issue of Rock & Minerals Magazine and wanted to share it with you. It was written by G.E Gordner.

There was a day not long ago
When I was wandering to and fro
Along a lake shore wild and bleak
The wonders of nature did I seek.

The Wind was blowing waves galore
Upon the rugged rock bound shore
T'was there by chance my eyes did meet
A thing of beauty at my feet.

It lay there glistening in the sun
Where to the lake the waters run.
I stooped to reach and to behold
A thing of beauty did unfold.

A group of crystals shining bright
Like fiery beacons in the night.
I held it nestled in my hand
And washed away the grains of sand.

What ere it was I did not know
This thing which lay where harsh winds blow.
I took it home for others to see
And marvel at its beauty with me.

And now it sets upon a shelf
In a special place all by itself.
The name of which is still unknown
A piece of beauty God has sown

Presidents article continued on page 11

From the First VP:

The ballots have been cast. Thank-you all for your opinions.

Twenty-six of our members have voted for their favorite topics. Most desired, with 13.3% of the votes cast, was discussion of fluorescent minerals. Rock and Minerals discussion came in second with 11.9% of the vote. Rounding out the top five in the order of popularity were discussion of minerals at the meeting prior to a scheduled field trip, how to collect-what to do on field trips, and collector's night - everyone brings in 2 samples and talks about them. Your votes will guide me in lining up presentations and speakers for the rest of the year.

David Young, sole proprietor of "Stones and Bones" located in Forest, will speak on underground mining equipment and personal safety equipment used for mining at our next meeting on Feb. 17th, 2010.

Those going on the Dale Quarry field trip might want to look at pictures of some of the rocks and minerals collected there by checking the website www.Mindat.org/. Type in Dale Quarry Chesterfield Co. Virginia in the Locality Name box under the area in the lower right of the screen entitled Search Mindat. Here's hoping you'll find something as nice!

John Mendez, owner of JUNK-N-TREASURES, sells lots of stuff including microscopes and UV lamps Saturdays at the County Line flea market on route 460 W from 7am till closing. He has retired from Medlab and has a lot of surplus technical and military equipment.
Happy Hunting,

Jack

2010 ELECTED OFFICERS**John Haskins - PRESIDENT**

(434) 525-8430

JMHaskins1@netzero.net**First Vice President****Jack Curtin**

(434) 384 -6249

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JoAnn Mason &

Tom Powers

COMMITTEE**CHAIR PERSONS:****Field Trips**– David Callahan**Hospitality**-**News Articles**– Natalie Darling**Silent Auction**– Warren Darling**Swap for Rocks**–Warren Darling**Website**– Alan Rice**Workshops**– Dave Woolley**FRA Adult Liaison-****Membership**- Ralph Torning

The purpose of the Gem & Mineral Society of Lynchburg, VA, INC. is to promote education in The Earth Sciences including: Mineralogy, Geology, Gemology, Paleontology, and Crystallography

January Meeting Minutes

Meeting: Wednesday, January 20th, 2010**Attendance:** 27, no guests**Hospitality:** Thanks to all who brought refreshments for our January meeting. For February Bernard Rivera will be in charge of setting up the tables and supplies, and for March it will be Tom Powers.**On Time Drawing:** Winners Bernard Rivera, Nona Haskins, Nell McIntyre, Ralph Torning, Bill Brown and Siglinde Allbeck**Old Business:** John Haskins: Reminder to all members- All memberships and renewals need to have a completed membership form turned in along with dues. This is to ensure that the treasurer and membership chair get the information they need for the club records.

Dave Woolley provided revised handouts on his "Essential Crystallography" for anyone interested.

First Vice President: Jack Curtin distributed a survey of suggested programs to each person in attendance. The topics were rated and the tabulated votes will be used to help jack plan future programs.**Second Vice President:** Dave Callahan will need to collect an additional \$.65 for each of the turntables ordered, since there was an increase in the original price. They will be delivered shortly, so please pay Dave the additional amount if you are still interested in receiving your order.Field Trips: 1/23: JMU; 2/20: Smithsonian; or Vulcan Materials Dale Quarry in Chesterfield; October 23rd 2010 will be our

hosting of the DMC field trip. This trip will require much assistance from our members, so please mark your calendars now and plan to participate.

There have been questions raised regarding how trip information is being distributed. The majority of members have email, so the information is sent via a broadcast email and is also mentioned in the newsletter. Most trips are on a first come, first served basis so be sure to read your emails regularly and respond quickly.

The Southeast Federation will be having a trip in April with limited space. There will only be 120 slots for the entire Federation. More information will be coming.

Treasures Report: Franklin Midkiff: Balance = \$3744.09, no outstanding bills at this time.**New Business:** New Webmaster is being sought. Alan Rice has resigned.

There were some very interesting specimens up for bids on the silent auction. This is a great opportunity to expand your collection. We are also in need of a hospitality chair. Contact John if you can help out, even if only for a month at a time.

Program:

Tonight's program will be a film on "Gem Mining in Franklin, NC". John Haskins and Dave Woolley have specimens from this mine on display tonight. Franklin, NC has a lot to offer rock hounds, such as mining, specimens, jewelry, etc.

Minutes submitted by
Brenda Glass, Secretary

Programs



For our February meeting, local Rock Shop Owner and long time club member Dave Young will present a program on underground mining equipment and personal safety.



Our March Program will be on Fluorescent Minerals.



WILDACRES by Steve Weinberger

Reprinted from March 2010 EMLS News



The spring EFMLS Wildacres Workshop (April 23-29) is filling up fast. If you're interested in attending, be sure to get your reservation in the mail to day. A complete list of classes being offered can be found in the February of March issue of EFMLS news, <http://www.amfed.org/efmls/effeb10.pdf> (You can also learn more about Wildacres at: <http://www.amfed.org/efmls/wildacres.htm>.)

Our fall session, September 6-12, will feature Lisa Carp as a speaker in residence. Lisa is a Washington DC area jewelry expert and teacher who has a wealth of information to share. She'll be living with the group on campus and giving six talks during the week.

In addition to Lisa, those who attend will take classes, enjoy other activities including an auction and field trip, and meet a terrific group of fellow mineral and gem enthusiasts

Cost for either workshop session is \$350 per week plus a modest fee to cover materials in most classes. The workshop fee covers room and board plus gratuity for the Wildacres facility staff. Lodging is in comfortable rooms with private bath.

Come and find out about one of the best programs that the Eastern Federation has to offer. You'll be in for a fun week in a fabulous place.

Field Trip Report



Field Trip Report submitted by
Dave Callahan,
Field trip chairman.

For further information on field
trips, contact David Callahan,
540-297-1853
Email dbc11@aol.com

January Field Trip

Combined Lynchburg / Roanoke field trip to the James Madison University
Geology Department and Mineral Museum
January 23, 2010



Our annual field trip to James Madison was very successful and well attended. We had 22 attending and it was possible for Dr. Kearns to give every one his personal attention. Many of us had brought rocks and minerals for identification and to my knowledge every question was answered. There were a couple of minerals that would require chemical analysis and that would be done at a later date.

Dr. Kearns had many flats of rocks, minerals and books for us to purchase to benefit the Museum. All but a few were sold and everyone was very pleased with their selection. I was able to find many beautiful specimens of Fluorite, Pyrite, Garnet, Sphalerite, Barite, Celestite, Gypsum and Skutterudite to add to my collection.



John

The museum was open for all to enjoy and photograph. Dr Kearns has added many new beautiful specimens, many of which are quite large and showy. The Fluorescent display was recently renovated with new lighting and additional minerals added. This display is the best I have ever seen with a broad selection of colors and very bright lighting.



We all had an enjoyable time and I always look forward to this trip. Dr. Kearns is always a gracious host. We all thank him for giving up his Saturday morning and sharing his Lab, Museum and knowledge with us.

Mary, Bob, & Diane ^
Royce, Lance, Nona, Bob &
Dave v



^ Tommy, Tom & Bill
<Royce, Lance, & Dave



Up Coming Field Trips



For further information on field trips, contact David Callahan,
540-297-1853
Email dbcall1@aol.com

February Field Trips Smithsonian Field Trip **NEW INFORMATION**

We may still have seats available for this trip. Be sure to call me, email me or sign up at the meeting. If you call or email me, I will return your call or email with conformation that you are on the list. If I do not confirm your call or email, than I did not get your massage. Try again. Do not just show up at the bus without conformation because you will not have a seat.

The cut-off date for the Roanoke Club is February 11, 2010 after the meeting. After that time, any available seats will be open to the Lynchburg Club members. The cut off date for the Lynchburg Club is February 17, 2010. To date, we have 32 seats confirmed for Roanoke and 9 on the Lynchburg stand-by list. Remember, it's a 54-seat bus and we need to fill all the seats. I will accept cash or a check at the meeting but only a check on the bus.

THIS TRIP WILL BE RESCHEDULED TO A LATER DATE DUE TO THE MASSIVE SNOW FALL IN THE DC AREA. ALL THOSE THAT SIGNED UP WILL HAVE THE OPPORTUNITY TO KEEP YOUR SEAT RESERVATION.
The new date is tentatively set for April 10, 2010.
Once finalized, everyone will be notified.

ROANOKE VALLEY MINERAL & GEM SOCIETY INC. FIELD TRIP

THE SMITHSONIAN INSTITUTE MUSEUM OF NATURAL HISTORY, WASHINGTON, DC.

THE LYNCHBURG GEM & MINERAL SOCIETY HAS BEEN INVITED TO FILL ANY AVAILABLE SEATS.
FEBRUARY 20, 2010

Cost \$10.00 per person for the two way bus ride only.

Sign-up is required---you will receive a confirmation number to confirm your seat...if you do not receive the number, you have no seat. Call me, email me or see me at the meeting.

There will be a final sign-up sheet at the Roanoke Club's February 11th meeting. After this cutoff date, the trip will be opened for the Lynchburg Club. The cutoff date for the Lynchburg Club will be at their February 17th meeting. You **MUST** be a club member with paid up dues to attend. You **MUST** sign up at the meeting, call me or e-mail me to reserve your seat and conformation number. The contact information is listed below and you must prepay for this trip. Checks will be accepted at the bus if you can't make the meeting. Make the checks payable to the "Roanoke Valley Mineral and Gem Society Inc." or RVMGS. I will accept cash only at the meeting, not on the bus. Please have the correct change. I will contact you prior to departure to confirm your attendance and confirmation number as we always have a waiting list. See the Restrictions listed below for additional information.

Continued on next page

Smithsonian Field Trip... *continued from page 5*

*DMC Field Trip
information on page 10*

EQUIPMENT: Cameras are acceptable but tripods are not allowed.

MEETING PLACE: Wal-Mart Super center parking lot at the intersection of US 460 and Rte. 220 Alternate in Bonsack, VA. At this traffic light there are signs directing you to the I-81 interchange in Cloverdale. Driving from Lynchburg, do not turn right on to Rt. 220A, but proceed straight thru this traffic light on US 460W. The entrance to Wal-Mart is on the right immediately after you cross this intersection so stay in the right lane. Turn right up the hill and turn right again into the Wal-Mart parking lot. If you are traveling from Roanoke, there is a turn off just before the traffic light at this intersection. Turn left and proceed up the hill to Wal-Mart on the right. The Abbott Trailways Bus should be there by 5:30AM, parked in the lower part of the lot near the Wal-Mart lawn and garden area. Look for our group and we will leave our cars in the Wal-Mart lot. Park only in the lower end of this lot.

DEPARTING: The Bus will depart from Wal-Mart promptly at **6:00 AM and stragglers will be left.** Be sure to have eaten breakfast before getting on the bus. We expect to arrive at the museum at 10:00 AM. The bus has only a small restroom so be prepared for the four-hour trip. The bus has no water during cold weather so bring your own hand sanitizer. **EQUIPMENT:** Cameras are acceptable but tripods are not allowed.

TOURS: There will be no guided tours. You will be on your own. You may venture to other buildings and areas around Washington but it will be your responsibility to be back at the Natural History Museum to board the bus between 4:30 and 5:00PM or you will be left behind.

HOURS: 10:00AM to 5:00 PM. Admission is free. Expect to go thru security screening so don't take things that might be confiscated as weapons.

MEALS: There is a cafe in the building open from 10 to 5. Lunches, snacks and souvenirs can be purchased here. Bag lunches are not allowed in the museum.

RESTRICTIONS: The bus is limited to **54 seats**. This trip is on a first come, first served basis. Over 54 members will be placed on a waiting list. The fee will be refundable **only** if you notify me 24 hours in advance that you can't attend so that someone else can have your seat.

DEPARTING: The bus will depart from the main entrance at 5:00 PM sharp. It will be your responsibility to make the connection. We should arrive back at Wal-Mart between 10:30 and 11:30 PM. We will be a stop for the evening meal the way home at the Golden Corral Buffet and Grill in Manassas. You are responsible for this cost, and anything you spend at the museum.

INFORMATION: Call or e-mail David Callahan, Field Trip Chairman, at 540-297-1853 (home), 540-874-5201 (cell) or dbcalls1@aol.com to sign up, cancel your reservation or if you need additional information. If I'm not there to answer the phone, let it ring until the answering machine picks up and leave a message and your phone number. I will return your call.

VULCAN MATERIALS CORP. / DALE QUARRY

All available slots for the February 20 Field Trip to the Dale Quarry are filled and I have a waiting list. I will call and confirm your attendance on February 18th. If you are interested in having your name put on the waiting list, please contact me.

Geology Concepts

This is the first segment in a series of articles written by club member/ geologist Dave Woolley. It has been recently revised from previous editions. I hope you will enjoy the learning experience, and I also wish to extend sincere thanks to Dave Woolley for his continued support of our club.

A mineral is a naturally occurring, non-organic crystal composed of an element, or of elements that are chemically bound in defined ratios.

Examples: gold [Au], carbon as graphite [C] or as diamond [C],
halite (table salt) [NaCl], calcite [CaCO₃], quartz [SiO₂],
biotite (iron mica) [K₂ (Mg, Fe)₆₋₄ (Fe, Al, Ti)₀₋₂ {Si₆₋₅ Al₂₋₃ O₂₀} (OH, F)₄].

Each mineral species has unique physical and chemical characteristics that are dependent on the type of elements present, such as metallic or non-metallic, and the weak and strong bonds that hold these atoms together in molecules.

A crystal is a solid containing a geometrically arranged, repetitive pattern of molecules. Repetition permits physical characteristics such as the shape plus it controls hardnesses, breakage, and cleavages (splitting) that vary with orientation. The elements and bonds control chemical reactivity and solubility.

A *rock fragment* is a particle composed of one or more minerals. Some **rock species** consist of only one mineral such as dunite composed of olivine, others like granite have more. The physical and chemical nature of a rock species is dependent on the character of its mineral or minerals, and the contacts or matrixes between crystals.

Rock types:

Igneous Rock - Rock *crystallized* from **magma**, underground hot melted rock, or from **lava**, erupted magma *frozen* on the earth's surface.

Rock species examples: granite, diabase, and syenite from magma;
volcanic glass, pumice, and rhyolite, from lava.

Sedimentary Rock - Rock comprised of cemented sediments.

Rock species examples: sandstone, limestone, and shale.

Metamorphic Rock - Any previously existing rock that has been *altered* by changes in temperature and/or pressure - usually increases.

Rock species examples: Quartz sandstone > quartzite. Limestone > marble.
Shale > slate > phyllite > schist > gneiss.
Granite > granite gneiss. Basalt > greenstone.

Bedrock is coherent fragmented rock found at or near the earth's surface.

Up Coming Events

February 2010

Shows and Trips

Feb. 20th- The 20th Annual Mineral, Jewelry & fossil show 10am-4pm; 14900 Pennsylvania Ave. Upper Marlboro, MD 301-297-4575 for details.

March 5th-7th- the 47th annual Gem, Mineral & Fossil Show and 61st annual EFMLS Convention hosted by the Delaware Mineralogical Society. Delaware Technical & community college, Newark, DE. For more details visit the EFMLS website: www.amfed.org/efmls and see page 4 of the January 2010 newsletter.

March 19th-20th-Catawba Valley Gem & Mineral Club 40th annual show. Metro Convention Center, Hickory, NC

March 26th-28th- 37th annual Atlantic Micromounters Conference hosted by the Micromineralogists of the National Capital Area, MHA Conference Center, Elkridge, MD. Registration: Steve Weinberger <cscrystals2@verizon.net>

April 24th & 25th- 38th annual New Jersey Earth Science Gem & Mineral Show (with outdoor swap). Co-sponsored by the Franklin-Ogdensburg Mineralogical Society, New Jersey Earth Science Association and Sterling Hill Mining Museum. Franklin School, Franklin, NJ.

April 23rd-25th- 47th Annual Rock, Gem, Mineral and Jewelry Show sponsored by the Blue Grass Gem & Mineral Club. Mountain Mushroom Festival, Irvine, KY.

| Sun | Mon | Tues | Wed | Thurs | Fri | Sat |
|-----|-----|------|------------------------------------|-------|-----|------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 Meeting 7 PM | 18 | 19 | 20 Field Trip |
| 21 | 22 | 23 | 24 Woolley's workshop 7PM | 25 | 26 | 27 |
| 28 | | | | | | |

Places to visit:

Charlottesville Division of Mines and Minerals

Customer Self-Service Workstations are now available in the Charlottesville office, offering our customers easy access to the DMME Web Store to purchase and obtain publications and maps. The DGMR Sales Office is open from 8:30 a.m. to noon Monday through Thursday for pick up of items purchased via the Web Store. Purchases must be made by credit card. Items may be picked up at the sales counter. Contact the Charlottesville office at 434-951-6310 for additional information.

Several years ago there was quite a remarkable rock garden outside of the building in Charlottesville, VA. The specimens were not only beautiful, but absolutely huge! I can't imagine it has been moved, and it would be a worthy stop if you are passing through the area. The DMME is just off of Route 29 or interstate 64.

If you are seriously considering stopping by, I would suggest calling first to make sure the display is still there, and you can also acquire accurate directions as well.

It's Back Again and We CAN Make A Difference!

By Matt Charsky, AFMS 5th VP- Reprinted from March 2010 issue of EFMLS News.

About 5 years ago, we became introduced to a national problem that some of our members can relate to- excessive lead levels in children's jewelry. It got so bad that the US. Consumer Product Safety Commission (CPSC) (the agency charged with protecting the public from unnecessary risks of serious injury or death from 1000s of consumer products under their jurisdiction) got involved and created a new enforcement policy that specifically reduces the potential health risks from lead in children's metal jewelry. Well the problem used to be lead, but today there's a new culprit and it's cadmium.

To bring everyone up to speed, in the last 5 years the CPSC has recalled more than 150 million pieces of jewelry sold in vending machines, discount stores, and gift shops just to name a few outlets. Although a lot of the recalled jewelry with high lead levels has come from China, there are many other countries responsible for it too. This "hot" jewelry can lead to a host of health effects, especially for children under 6 years old. Just wearing the toy- the problem is when children put the jewelry in their mouths.

Today, the issue is cadmium and again China is at the center of the problem. The Associated Press (AP) recently reported that cadmium levels in bracelets and charms can contain up to 90% cadmium by weight according to their testing of Chinese jewelry.

So why is this important to the EFMLS? Well, we have many members who make jewelry for both adults and children and some of our members have children that wear toy jewelry. Adults, however, don't have the exposure problem that children do. In case you didn't know it, there are different levels allowed for adults and children for lead in clasps, links, beads, charms, necklaces, bracelets, and earring or ring combinations, The bottom line is that we know more about this problem than the general public and so we should get the word out on this kind of risk. So if you have children, give them the following message: 1) Lead and cadmium are bad characters and 2) Small children should avoid contact with jewelry items made with lead or cadmium. If parents need more information of this topic, they can go to the CPSC web site at www.cpsc.gov or call 1-800-638-2772.

EFMLS members can act as stewards for the CPSC on the issues of lead and cadmium in children's jewelry. This will benefit your families and your communities and it shows that our clubs care about current issues relating to our hobby.

Additional reading on this subject can be found at the following links:

<http://www.usnews.com/health/blogs/on-parenting/2010/1/14/cadmium-in-kids-jewelry-3-ways-to-stay-safe.html>

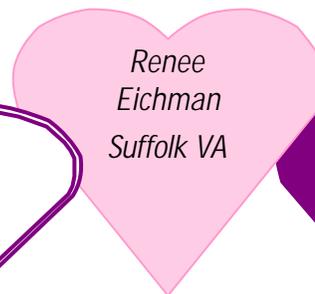
<http://abcnews.go.com/Health/WellnessNews/wireStory?id=9527916>

http://www.huffingtonpost.com/2010/01/10/cadmium-kids-jewelry-toxi_n_417895.html

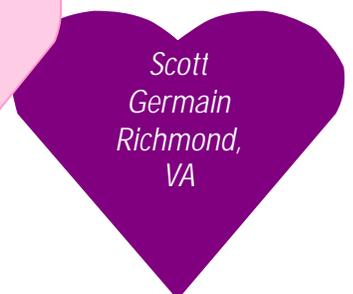
Welcome New Members



Steve
Blanchard
Lynchburg, VA



Renee
Eichman
Suffolk VA



Scott
Germain
Richmond,
VA

An Official Field Trip of The Gem and Mineral Society of Lynchburg Inc.

And The Roanoke Valley Mineral and Gem Society Inc.

The Southeast Federation of Mineralogical Societies, Inc
The Friendly Federation - Founded in 1976 to serve.

DMC Program of the SFMS Field Trip Committee

An Official Field Trip of the Western South Carolina Gem and Mineral Society, Greenville, SC. (HOST)

9:00 AM to 5:30 PM EST

Saturday, March 13, 2010

Diamond Hill Mine,

Near Antreville in Abbeville Countv. South Carolina

THIS IS A FEE SITE (see below) SIGN-UP REQUIRED

At the meetina....email me--dbcall1@aol.com.....call me--540-297-1853

CONTACT ME FOR DETAILS IF NEEDED. Plan to leave Friday and return home Sunday

Collecting: Quartz crystals in numerous forms such as amethyst, smokey quartz, clear crystals, milky quartz, skeletal quartz, and quartz coated with hematite or manganese. Also some micro minerals such as cacoxenite are found there. In recent years machines uncovered new veins of amethyst and smokey quartz.

Directions: The Diamond Hill Mine is located near the small town of Antreville in northeastern South Carolina.

From the north: Exit I-85 at US 178 at Anderson, SC (exit # 21). Drive south on US 178 for approx. 1 mile and then bear right onto SR 28. Follow SR 28 south approx. 20 miles to Antreville. Upon entering Antreville you will see Crawford's Store on the left. Drive past the store and then watch on the right for Emanuel Baptist Church. Turn right just before the church onto SR 284. Drive east on SR 284 for 2.3 miles watching carefully on the right for Suber Road (S-01-508). Turn right onto Suber Road and follow it approx. 0.7 mile to Diamond Hill Road (on right. gravel. S-1-538). Turn right onto Diamond Hill Road and follow it about 0.5 miles. The mine entrance will be on the right. Driving time from Roanoke and Lynchburg will be about 6 to 7 hours to Anderson, SC.

There are many Motels at exit 19B and 19A in Anderson, SC. Allow 45 minutes drive time from Anderson to the mine.

Fee: Adult fee is \$15.00, \$6.00 for children under 16 and for non-digging spouses and elderly. A filled out release of liability form will be necessary for each person attending. Some forms will be available, but you can avoid delays by going to www.gamineral.org/commercial-diamondhill.htm and printing off the form found under permission procedure for private individuals. Bring the completed form and fee with you.

What to bring: Buckets, picks, shovels, rock hammers, sledae hammers, chisels, scratching tools, sun screen, drinks, and a picnic lunch, hat, gloves, and sturdy shoes. Bring rubber boots and a change of cloths if it is going to be a rainy or wet day. No power equipment is allowed.

Lynchburg and Roanoke VA. Field Trip Chairman

David Callahan...Phone: 540-297-1853....Cell: 540-874-5201

e-mail DBCALL1@aol.com

WSCG&M Contact person if needed: Bill Wetzel email

williampkerri@bellsouth.net or (864)-306-674

The day of the dig my cell will be (864)-569-5404.



Specimens found at Diamond Hill July 2009

*****See page 11 for important disclosure about DMC Field Trips*****

Presidents Message...*cont. from page 1*

I first read this poem and remembered the warm feeling of accomplishment and the excitement of a great find. I think feelings we all share. Then I got to thinking about the next to the last line." The name of which is still unknown", and I thought, how sad. You would think when someone makes a good find, they would want to know what it was that had been discovered. I don't want this to happen to any of our Club members.

I hope that through the coming year we can have several meeting programs that cover the basics of mineral identification and have everyone bring in the specimens that they need to have identified and others that they are proud of and would like to show off to all the other rock hounds. Another good venue for rock identification is Dave Woolley's monthly workshop. You may also look at your specimen through the binocular microscope. You will discover a whole new world in there, and see details not seen before. If you ever have any questions about rocks, minerals or crystals don't be afraid to ask. This is the best and fastest way to learn. I have learned a lot by asking questions, and most Club members are willing and able to help you at any time. I hope to see you all at our February 17th Club meeting. Until then.

Keep Looking Down,
John Haskins



SOLAR TURN TABLES

The shipment has been received. I will bring them to the February 17th meeting. There was a slight increase of 65 cents per unit due to a freight increase. Please have this fee at the meeting when you pick up your order. If you pay by check, please make it out to me (David Callahan) as I have advanced these additional costs.

When you open your unit, be sure to carefully remove all packing materials. Carefully press the center of the clear plastic table on the square shaft of the solar unit. Place the unit under a light. If it does not start rotating, carefully turn the clear plastic table a little by hand. It looks like it will turn equally well in either direction. You can change direction by removing the unit from the light. After it comes to a complete stop, turn by hand in the desired direction and place it back under the light. It should continue in this direction. Be careful not to overload the unit. You should not exceed ½ pound and be sure the load is centered. If it appears to be slow in starting or sluggish, lighten the load or use a stronger light.

DMC FIELD TRIP INFORMATION

"Field trips are open to all members of associated clubs of the DMC program of the SFMS Field Trip Committee and to all members of SFMS member clubs who have provided their membership with SFMS liability insurance. Because of insurance requirements, members of the GENERAL PUBLIC are NOT invited on this or any DMC program field trips!"

***The Gem and Mineral Society of Lynchburg VA, Inc.
Meets on the third Wednesday of each month,
From 7:00pm– 9:00pm
In the auditorium of the Parks and Recreation Building
301 Grove St. Lynchburg, VA 24501
Public is invited, Please join us!***

The Gem & Mineral Society of Lynchburg, VA Inc.

Natalie Darling, Editor

211 Chesterfield Rd.

Lynchburg, VA 24502 www.lynchburgrockclub.org

The purpose of the Gem & Mineral Society of Lynchburg, INC. is to promote education in The Earth Sciences including: Mineralogy, Geology, Gemology, Paleontology, and Crystallography



Lynchburg Rock Raiders is the official FRA association of The Gem & Mineral Society of Lynchburg, VA INC



Happy Valentine's Day

February Websites to visit:

www.dmme.virginia.gov/divisionmineralresources.shtml -Division of Mines & Minerals
Charlottesville, VA)

<http://www.mnh.si.edu/explore/earth/index.html> (Smithsonian Museum- Geology, Gems, Minerals)

<http://www.mnh.si.edu/highlight/volcano/paricutin.html> Complex Magmatic Processes Operating in Deep
Volcanic Plumbing Systems

Websites to visit: Lynchburg Gem and Mineral Society:

www.lynchburgrockclub.org

The SFMS Newsletter, the Eastern Federation
Newsletter, and the
AFMS Newsletters are available for all members
to read on line at the Federation Websites:

www.amfed.org/sfms, www.amfed.org and
www.amfed.org/efmls

Hobby Related Newsletters are available free of
charge by emailing the editors below. Both are great
sources of information and worth checking out.

(Available only via email)

rudybland@worldnet.att.net (*Mineral Mouse*, editor
Rudy Bland)

rockhound_zack@yahoo.com (*Zack's Rocks and
Minerals*, editor Zachary McKinney)

