



## NOTES FROM THE PRESIDENT'S DESK

September 15, 2013 Volume 13 Issue 2

It's that time of year again; the kids are back in school, fall weather is just around the corner and NMGMS activities are getting back into full swing. Right now, I am sitting on my screened-in porch and watching it rain, as a summer thunder shower goes over. I love the smell that comes with the rain, as it cools off our parched lawn and the hot rocks on the beach.

Even though we didn't have any formal meetings during the summer months, NMGMS was still busy. So, I would like to take this opportunity to thank all of those members who helped out with the community service projects that the club participated in. For June, NMGMS set up a display table and the Spin and Win game at the New Albany Fossil Road Show, which was held at the Heritage Museum on June 8<sup>th</sup>. Then, our rock and fossil dig sand box was set up at the Oren Dunn Museum in Tupelo, as a part of their summer camp activities. Also, in conjunction with our club display at the Lee County Library, the fossil dig was again set up for two days in July, as a part of the library's summer camp program and their theme of "dig" into reading. I know that the museums and the library greatly appreciated all of our efforts to help them with these events and the youth of the community had lots of fun, along with a great learning experience. Thank you NMGMS members for your dedication and service to our organization and the community.

I would like to remind all of our membership that the next club meeting will be at the Lee County Library from 1-3p.m. on Saturday, Sept. 21, 2013. At this meeting, the Rockheads will be setting up their displays and presentations, so please attend, and show your support and appreciation for our great group of junior members. Also, we have a nice selection of field trips lined up for this fall, starting with a trip to the old lime pit in Lee County on Sept. 28<sup>th</sup>. There is a Dixie Mineral Council field trip to the Coon Creek Science Center in McNairy County, TN on Oct. 5<sup>th</sup> and then NMGMS will have a joint field trip with the Alabama Paleontological Society to a coal mine for Pennsylvanian plant fossils on Nov. 9<sup>th</sup>. We are also coordinating with MAGS for a field trip to one of the Memphis Stone and Gravel sites on Nov. 2<sup>nd</sup>. Plus, don't forget about our club picnic and rock swap at Ballard Park in Tupelo on October 26<sup>th</sup>!



So, watch your emails and Nugget newsletters for all of the details on these upcoming events and come on out for some good old rockhounding fun!

**NANCY ROBERTS**

Above: Limestone Quarry

Left: Nancy is either running a child labor camp or teaching children beading on what appears to be a lovely summer day.

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## Nugget Deadline

The new absolute deadline will be High Noon on the Second Friday of every month, to come out the following Monday.

## Deadline

The deadline for submissions for

**Oct. 14, 2013**

Edition will be

**Oct. 11, 2013**

# NMGMS

## Meeting Minutes

### April 20, 2013



Pledge of Allegiance to the Flag was given by Nancy Roberts, Andrew Diaz and Jake Carr  
Introduction of guests and new members: Tina Pickering, Mike and Alison Schuchs and their grandson, Jake Carr

Approval of the March minutes was postponed, as the April issue of The Nugget was not out yet. Dana, our editor, injured her back.

**Treasurer's Report:** Closing Balance as of Saturday, April 20<sup>th</sup> \$ 2285.64 Still is a check for \$20 to add and \$40 to pay for the new brochures. Our 990-N IRS tax form has been filed and accepted.

#### REVIEW OF COMMITTEE'S

##### **Field Trips:**

The May field trip is scheduled for Saturday, May 4th to the 20 Mile Creek "monument" site at the bridge on Hwy 45. This trip is being sponsored by the Rockheads and there will be grilled hotdogs and chips available for \$1 per serving. Bring your own drinks and a chair. We will meet at the bridge at 9a.m. The fossil ID tent will be set up. (See email or handout for directions)

**Publicity:** (Bob Reinhaus) Belinda has had new club flyers printed up. Robert Langford and Nancy Roberts will be speaking to the Civitans at their May 2<sup>nd</sup> luncheon. They will talk about NMGMS and what the club does do.

**Membership:** (Ann Byzet). The 2013 membership roster has been printed. All members should get a copy. We have 102 members to date. Ann Byzet has "new member" packets available and club patches are available for \$2 each.

**Hospitality:** Refreshments for May: Belinda Loyd and Mechelle Crosby

**Website:** (John Byzet) Check us out at [www.nmgms.org](http://www.nmgms.org) The club website is in the running for the Federation's website competition.

**Newsletter:** (Dana Jones) Due to many unforeseen circumstances, Dana apologizes for The Nugget being late. She would like to make the deadline for submissions be the first Friday of the month. It is hoped that members will submit articles for publishing, and it was suggested that members consider submitting reviews of the meetings, field trips, workshops and events for each issue. **Remember to please send anything that is for the newsletter to Dana's email at: [nuggeteditor@gmail.com](mailto:nuggeteditor@gmail.com)**

**Youth Members:** (Dana Jones and Jim Roberts) Volunteers: David Loyd

Jim Roberts presented Matthew and Brittani Lambert with the FRA badges that they had recently earned.

**Stamps:** (Kathy Westbrook) Members are encouraged to save stamps, by cutting them off of the envelope and leaving a half inch margin of paper around the stamp if possible.

**Historian:** (Shirley Randel) Everyone was asked to continue to collect any 2013 club related photos, newspaper articles, show flyers or other memorabilia for the club yearbook.

**If you take photos at any NMGMS event, please print out a few hard copies to submit to Shirley for the yearbook.**

**Show/Kids Day:** (Roger Loyd, Bob Reinhaus, John Byzet and Robert Langford)

Janice Anthony hopes that we will do our Geology Day again at the museum and we are considering it for Nov. of 2014. The club is in need of specimens and things for the grab bags and material for the fishing game. We need your donations! We can use small lapidary items too.

**Safety:** (David Loyd)

**\*\*\*\*\* Please be sure to sign a liability release waiver, if you have not yet done so.**

Information received from the insurance representative regarding the liability waivers re-enforced the decision that all members must have a release waiver on file and all invited guests on field trips must sign a waiver.

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# NMGMS Meeting Minutes

April 20, 2013  
cont

## OLD BUSINESS:

The Oren Dunn Museum display will run until May 4<sup>th</sup> for the Dudie Burger festival. Parts of the display will be moved to the library, to be on display there thru the summer. Glenn Klein's book "Faceting History: Cutting Diamonds & Colored Stones" was passed around for members to view and was then donated to the library in Bill Hawkins' memory. A bird book, to be determined, will also be donated in his memory.

It was noted that NMGMS will be an exhibitor at the MAGS rock and gem show April 27<sup>th</sup> and 28<sup>th</sup>. John and Ann Byzet, along with Robert and Cheryl Langford volunteered to help man the exhibit table for the weekend. The NMGMS Geology Merit Badge class scheduled for March 23<sup>rd</sup> at the Oren Dunn Museum was cancelled due to no registrants. Roger Lambert had volunteered to set up the fossil dig at the library's summer camp on July 12<sup>th</sup>. No volunteers for the week of July 15<sup>th</sup>-19<sup>th</sup>.

## NEW BUSINESS:

Members who have items in the display were asked if it was ok to move them over to the library for the summer. It was noted, that only "for profit" organizations can apply to be an LLC in MS. Instead, NMGMS needs to make two applications, one for incorporation and one for charity status. Each will cost \$50. Incorporation involves taking minutes and having a board of at least three members and at least one board meeting annually. Jeremy Martin, with the state office in Tupelo, has recommended that we do this and that NMGMS tries for 501(c) 3 status under the federation's "umbrella". 501©3 status allows donations to the club to be tax deductible. Nancy will contact SFMS to find out more about how we can get under their umbrella as a 501©3 organization.

NMGMS members will be teaching another beading class in West Point on May 11<sup>th</sup> thru the Arts Council. The project will involve wire work and making a beaded wire pendant. Members voted to make a \$50 donation to the Ochsner Clinic Foundation Heart Transplant, 1514 Jefferson Hwy in Jefferson, LA, in memory of Billie Wright, wife of NMGMS honorary member John Wright. Billie passed away on April 10, 2013.

Instead of a regular meeting in June at the library, NMGMS will be setting up a display table at the New Albany Fossil, Rock and Mineral Show on June 8<sup>th</sup> at the Union County Heritage Museum in New Albany from 10a.m. until 2p.m. The club will also be running the "spin and win" game for 50 cents a spin. All members are encouraged to attend. Volunteers to run the game were asked for; Belinda Loyd was volunteered in abstentia.

A ballot for the MS state director to the Southeast Federation was read. The nominee, NMGMS member, Dave Hanes, was approved by all members in attendance.

Other new business, Myra Soroczak announced that the Huntsville club will be having their annual rock and gem auction on Monday April 22<sup>nd</sup> at 6p.m. in Huntsville at the Senior Center Ballroom. She invited all NMGMS members to attend.

## REMINDER

The May meeting will be at the Tupelo library on **May 18, 2013 from 1 to 3p.m.** Dana and Remy will be talking about lampwork beads, and we will have a hands-on program of making a small pendant with objects embedded in resin.

**Motion to Adjourn.....**

# NMGMS Meeting Minutes

## May 18, 2013

A short Board meeting was held prior to the scheduled club meeting. Club funds from workshops, beading classes & new memberships were recorded by the treasurer. Dave Haynes is attending the Southeast Federation meeting today in Mobile Alabama as our club representative. Any voting results will be presented to the club at the next meeting. Discussion moved to the proposal to file the club as a 501(c)3 non-profit. Further discussion is planned for the fall. It was agreed by the Board to award Cheryl Langford a scholarship to the William Holland Lapidary School for outstanding club support. It was decided the fall club picnic would be on October 26<sup>th</sup> and the large pavilion would be reserved.

\*\*\*\*\*

The Pledge of Allegiance to the Flag was given by Nancy Roberts & Remy Jones

Introductions:

### Guests

Kathy Clements  
Linda Jones

### New Members

John McLane  
Kim Wilson, West Point 6<sup>th</sup> grade Science teacher Daniel Flynn  
Angie Miller, West Point 5<sup>th</sup> grade Science teacher

Mary Blake

The March minutes were approved as printed in the April Nugget. Due to the late publication of the May issue of the Nugget, the April minutes will be approved at the September meeting.

**Treasurer's Report:** Closing balance as of May 18<sup>th</sup> \$2361.64.



**REVIEW OF COMMITTEES****Field Trips:**

Over the summer, Robert Langford will have his fossil ID station set up at the 20 Mile Creek site on Hwy 45 on June 15<sup>th</sup>, July 20<sup>th</sup> and August 17<sup>th</sup>. The next “official” club field trip will be scheduled for September. A trip to one of the gravel sites is being finalized for this fall. Members present were reminded to check out the Lodestar or the SFMS website for the DMC field trips since club members can attend their field trips. [www.amfed.org/sfms/lodestar\\_newsletter.html](http://www.amfed.org/sfms/lodestar_newsletter.html)

**Publicity:** (Bob Reinhaus) The Civitan presentation went well and seemed to be enjoyed by their membership. We now have three display cases set up at the Tupelo library which will remain through the summer.

**Membership:** (Ann Byzet) The 2013 membership roster will be updated this summer, since we now have 120 members. New member packets are available and club patches can be purchased for \$2 each.

**Hospitality:**

Refreshments:

September: John Byzet, Cheryle Langford, Nikki Kenney and Clarice Turner

**Website:** (John Byzet) Check us out at [www.nmgms.org](http://www.nmgms.org) - New photographs are being added regularly.

**Newsletter:** (Dana Jones) The deadline for submissions is the second Friday of the month. All members are encouraged to submit a review or article. A big “Thank You” goes out to all who have been contributing. Members were reminded to email anything for the newsletter to: [nuggeteditor@gmail.com](mailto:nuggeteditor@gmail.com)

**Youth Members:** (Dana Jones and Jim Roberts) Volunteers: David Loyd

The Rockheads made \$20 from the sale of hotdogs at the past two field trips to the creek.

**Stamps:** (Kathy Westbrook) Members were encouraged to save stamps, by cutting them off of the envelope and leaving a half inch margin of paper around the stamp if possible.

**Historian:** (Shirley Randel) Please continue to collect any 2013 club related photos, newspaper articles, show flyers or other memorabilia (visits to rock shows, museums or other related events) goes into the scrapbook!

**If you take photos at any NMGMS event, please print out a few hard copies to submit to Shirley for the yearbook.**

**Show/Kids Day:** (Roger Loyd, Bob Reinhaus, John Byzet and Robert Langford)

We are in need of specimens and things for the grab bags and material for the fishing game, so when you are out collecting this summer, gather up a few extras! All donations are needed! We can use small lapidary items too.

**Safety:** (David Loyd) \*\*\*\*\* **Please be sure and sign a liability release waiver**\*\*\*\*\*

The insurance representative recommended liability waivers for all members and should be a must for all invited guests on our field trips.

**Old Business:**

NMGMS has 3 displays at the Tupelo library which will remain through the summer. The **Peterson Field Guide to Feeder Birds of Eastern North America** was selected as the bird book for donating to the library in Bill Hawkins’ memory. It will be ordered by the end of the summer.

Danny Griffin, President of SFMS is going to pass along our 501(c)3 inquiry to a Dell Disney of the Knoxville club, who recently worked with someone from the American Federation on filing for their organization. He should be able to tell us what expenses are involved. It appears that the southeast federation did not set up an “umbrella” with the IRS back in 2010 when they thought about doing that, so we would basically be filing on our own. The 501(c)3 decision is on hold until the fall however John Byzet will follow through on the corporation status.

Instead of a regular meeting at the library for June, the club will be setting up a display table with Matthew Lambert’s state 2<sup>nd</sup> place science fair project at the New Albany Fossil, Rock and Mineral show on **June 8<sup>th</sup> from 10a.m. to 2p.m.** at the Union County Heritage Museum. The club will also be running the spin and win game. All members are encouraged to attend and we’ll need a couple of volunteers to run the spin and win. **Volunteers: Belinda Loyd**

Volunteers are needed for fossil dig at the library one afternoon during the week of July 15<sup>th</sup>-19<sup>th</sup>. The summer camp theme is “dig” into reading.

**Volunteers: June 14<sup>th</sup> at Oren Dunn, 9 to noon, David Loyd, John Byzet and Rebecca Vallarian**

**July 12<sup>th</sup> at the library, 2 to 4p.m., Roger Lambert and Rebecca Vallarian**

Cheryle Langford was awarded a William Holland Scholarship for the 2013 Most Supportive Club Member.

**New Business:**

The September meeting will be Sept. 21<sup>st</sup> 1 to 3p.m. at the library and the program will be a “show and tell” by the Rockheads of their projects, collections, lapidary endeavors, or whatever they are working on for their FRA badges. New junior members were reminded that NMGMS has a Junior of the Year award presented at the December meeting to those completing the following criteria: 1) Is a member in good standing & attends events; 2) has done a “show and tell” presentation and 3) has had a review or article printed in the Nugget.

We will continue our annual October picnic at Ballard Park on October 26<sup>th</sup> and the large pavilion will be reserved.

Members were reminded that nominations for new officers will be in November, so be thinking about whom you wish to lead your organization in 2014. All present and previous officers are automatically on the nominating committee. If you would like to serve on any of the committees, we’d love to have you!

**Reminder**

The June “meeting” will be at the Union County Heritage Museum in New Albany on June 8<sup>th</sup> from 10 to 3p.m. This is in lieu of a regular meeting at the library and is the Museum’s Fossil Road Show.

**Motion to Adjourn.....**

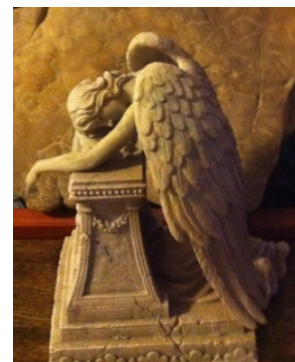
September 21

Tupelo Library 1-3pm

Rockheads Show and  
Tell

# HEAR YE, HEAR YE!

(aka Announcements)



## Annette Mortensen

NMGMS member Annette Kelly Mortensen, 68, passed away Saturday, August 24, 2013, at her residence. She was born August 28, 1944, in Redbay, Alabama, to Elbert Floyd and Della Mae Burns Daniel. A graduate of Tupelo High school, she then received her degree as a registered nurse from MSCW. As well as being a registered nurse, she enjoyed volunteering her time to help people understand their health through many nursing homes. She was an avid scrap booker, gardener, and crafter.

## Gary Law

NMGMS member Gary Law passed away very suddenly on August 6, 2013. Gary joined us in 2004, after meeting his future wife, NMGMS member Leisa Estes (Law) while fossil collecting at Twenty Mile Creek. Gary was not only interested in fossils, but he was also a very knowledgeable collector of Indian artifacts. Despite suffering with rheumatoid arthritis, Gary would still attend our club field trips whenever he was able to. We extend our deepest sympathy and regards to Leisa and her family.

## Mark Your Calendar

### September Field Trip to Birmingham Ridge Lime Quarry

Sept. 28, 2013  
8a.m. at the quarry

The locale on Birmingham Ridge Road is an old lime quarry and contains numerous Cretaceous period fossils. Lots of large *Exogyra*, oysters and other bi-valves are found there; as a matter of fact, they are literally laying all over the place! Also some shark teeth, bony fish teeth, shark vertebrae and mosasaur vertebrae can be found, along with marcasite and many steinkerns. The access down into the quarry is fairly easy and so is the collecting. Bring cardboard flats or a bucket and some smaller containers for the little fossils.

You can also bring a hand trowel, a screwdriver for prying and your rock hammer, but they are not absolutely necessary, as most of it is surface collecting.

For more information contact:

**Nancy Roberts**, NMGMS field trip chair  
therockhoundlady@yahoo.com  
731-689-5336H 731-727-5574C

**Roger Lambert**  
roger.lambertjr@yahoo.com  
662-286-3750H 662-212-4460C

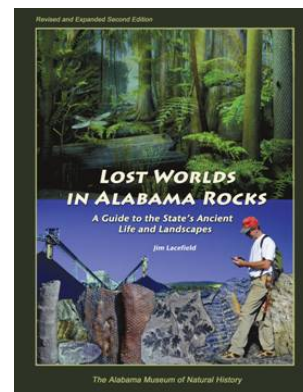
Remember that we are having a picnic/rock swap in lieu of our regular October meeting. The picnic/rock swap is on Saturday, October 26th at Ballard Park in Tupelo.

## NMGMS ROCK SWAP

3rd Annual Rock Swap Picnic October 26, 2013.

Ballard Park, West Main Street/Highway 6, Tupelo, MS

We would like to invite all rock hounds from the surrounding areas to join our members for a day of great fun, trading and fellowship. There is no charge to attend or to set up and trade. The area is located in a large covered pavilion (on the west side of the lake) with many picnic tables. There is room to park and tailgate, or you can set up easy-ups. Indoor restrooms, bike path, outdoor skate park, lake, Oren Dunn Museum and children's playground are close by. Bring something to trade or just come by to join the picnic, look around and visit with fellow rock hounds. The Swap is from 11 a.m. until 4 p.m. (Set up to begin at 9:30 a.m.) The Park closes at 10 p.m. We will be having a club auction (donated items are most welcome!), and a "Fishing Game". NMGMS will have hot dogs, chips and drinks. Members are asked to bring a dessert and folding chairs.



The Revised and Expanded Second Edition of Jim Lacefield's "Lost Worlds in Alabama Rocks" is now available (hardcover):  
[http://www.capitolbook.com/Lost\\_Worlds.htm](http://www.capitolbook.com/Lost_Worlds.htm)

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## Old Bones

To share knowledge of fossil, gem, and mineral collecting and preparation.

### The Earth Wide Open

(April 27-28, 2012)



John Byzet

The earth certainly opened wide this year at the Memphis Agricenter and the North Mississippi Gem and Mineral Society was there in force. As usual Jim and Nancy Roberts set up a great display for the club. Robert and Cheryl Langford were there to chat with the visitors at our booth. David Hanes showed his magnificent fossils to fossil hounds and may have found a new site or two. Justin Hobart took time out from studying for finals to stop and visit. Ann Byzet loved selling the cracked geodes and druzy quartz that the club purchased. Jim Roberts spent most of his time talking to the visitors to our booth. He was a hit with young and old alike. I'm sure I missed a few folks, but keep in mind that only my obsidian is still sharp. NMGMS members who came to see the show were: Brenda Manning, Roger, Tabitha, Britanni and Mathew Lambert, Mechelle and Willow Crosby, Joy Rushing, Rosina Echols, Mike and Myra Soroczak, and Belinda Loyd. Christy Criss and Park Noyes were set up as dealers as well as Sharon Waddell, the gem tree lady.

Every type of gem and mineral imaginable was there for display and sale. The prices were good and I found that all the dealers (except one crabby old lady) would work with you on price. I bought \$40-50 worth of rocks and such, but gained hundreds of dollars worth of information in chatting with the dealers. I now have three more rock tumbling schedules and got to see the products that each produced. Nancy found old and new friends while buying prizes for the junior rockhounds. Robert got a set of books that only a professional geologist could understand. Ann found a few fossils that she really enjoys. I won't tell you what they are now, but school kids really get a surprise when she passes them around and then tells them what they are. Cheryl found a great selection of beads from which to choose. I don't think Jim Roberts had time to shop, but that's okay since Nancy bought enough for two. She now has a good selection of fluorescent rocks at a great price.

Robin and Vicki Langford worked on their Junior Rockhound badges for fluorescence and played games to win rocks. Ann Byzet and Jim Roberts tried their bowling skills out winning some nice little specimens. I don't know what Ann's rock is but maybe someone at the next meeting can identify it. Vicki also got time on a capping machine at one of the demonstration booths. Now she's ready to get her own machine.

All in all, it was a great weekend. We can't wait for next year.



## Marcasite

Robert Langford



Marcasite: collected from a Selma Group Chalk deposit, which is Cretaceous in age.

The marcasite concretions grow from a central point. If you were to break one of the samples apart, you should be able to find the central point. Sometimes there is a microfossil at the center point, but most likely you will see nothing at the central point.

In this form the marcasite has a strong c-axis crystal growth and have very long triangular needle shape with the point at the central point. Once you have the sample cleaned and dry, you will need to seal it from the atmosphere and from moisture. The sample will be reactive to a moist atmosphere and will break down fairly rapidly into a pile of triangular needles. The chemical breakdown will release sulfuric acid during the process. Any other samples stored with it may react also because of the presence of sulfuric acid.



# Field Trip



## When Traveling Through Gre'Thor\* Take Kim Sue.

Floy Hawkins

Oh MY Gosh, if there was ever a better place to use OMG about a field trip, it's now. I nearly died. If it hadn't been for daughter-in-law Kim Sue, I would have.

The field trip was with the Southern California Paleontology Society and was for me "The Field Trip to End All"!

The leader failed to tell me that we would be above 5000 ft. elevation. He was also stunned about the lack of a trail because of the overgrowth that had taken place since last he was there. I had specifically asked him if he thought a lady of my age could make the field trip. His reply was that an 82 year old man first showed him the sight and he could hardly keep up with him.

I figure that 82 year old man was a marathon runner. I forgot to tell him that I'm a "Flatlander" and not used to traveling up one rise, down another and then up and over to the digging sight. It turned out to be my undoing.

The first part of the hike was through waist high brambles, trying to maneuver over roots and branches. We were warned to be watchful for snakes and ticks too. Just loved that comment.

We finally arrived at the sight with me in the rear. I couldn't keep up but finally arrived to within viewing distance of the dig. I looked down and decided that where I was at was as far as I could go. I would never have made it down the hill and then back up and then finish the mile left to return to the car.

I sat my tush down and let Kim Sue make the trip down the mountain to find all these great finds that she is sharing with me. She climbed back up to where I was sitting and had to take a break herself. She said she was so glad I didn't climb down to the dig. It took me an hour to find my way back to the car. I was hurting so bad that I had to take 4 Advil to even continue. We lost the trail so many times it was frightening but finally could hear the traffic on the roadway.

I found myself in a gully taller than me and couldn't get to the top. Kim Sue was on top and threw me a banana and another bottle of water. She had decided I was dehydrated and had low blood sugar. After that she was able to pull me up half way and then pushed me up the rest of the way.

I did this after she threatened to leave me behind there in the gully, only with much saucier language. I would still be there without her help and moral support. After getting out of the gully she gave me a big hug and said, "Happy Mother's Day!"

I made it to the car, sat down in the passenger seat, and began eating my P,B, & J sandwich and another bottle of water. I was whooped!!!!

Before Kim Sue could get into the driver's seat, the rest of the field trippers arrived at their cars. I now have a Bench Mark for any of the other field trips. I was told by many of the members that this was by far the most difficult field trip. Whew! Maybe there is hope for me yet. It did teach me one thing; I need to get in better shape and I need to get better details about the field trip location.

If I ever go there again, I will try to locate the owner of the private road that comes right up behind the dig.

\*Gre'Thor is the Klingon Underworld.

Live long and prosper. Your editor's addition.

## Guess What This Is

Far right, Theia colliding with Proto-Earth.

Right: The Titan, Theia. Also known as Euryphaessa, she was the mother of Helios (the sun) and eos (the dawn). She was the goddess of glittery things it seems.



This sand dune is gradually swallowing up the town to the left, and exposing carboniferous deposits behind it. It's also used for wind surfing.

Contact  
[nuggeteditor@gmail.com](mailto:nuggeteditor@gmail.com)



<http://notedelhotel.blogspot.com>



[mauriceonthemoon.com](http://mauriceonthemoon.com)

In Greek Mythology Hyperion and the Titan Theia had a child, Selene. The Goddess of the moon. (Greek Mythology is very complicated. And occasionally disturbing).

There is a theory, that a planet named Theia collided with Earth (Which should be called Hyperion at that point) forming the moon and Earth's core.

For a much better explanation:

<http://news.harvard.edu/gazette/story/2012/10/separated-after-birth/>

# Rockheads

"The fossil hunter does not kill, he resurrects."

G. G. Simpson

## PRESIDENTIAL STATEMENT

MATTHEW LAMBERT



[www.amfed.org/fra/fra\\_badge.htm](http://www.amfed.org/fra/fra_badge.htm)



At the club meeting in April the Rockheads learned about crystal shapes in an interesting manner. Using toothpicks, mini marshmallows, and gumdrops, they constructed several different crystals. Everyone managed the cubic form, and then went on to build a singly terminated quartz crystal. Then as a special challenge, Matthew and Robin did a duodecahedron, which is the shape garnets take. After everyone had finished their crystals they carefully carried them to the main club meeting room for a show and tell presentation of their work. As well as being a lot of fun, all participants completed one part of their FRA Rocks and Minerals badge. Way to go, Rockheads. Only one thing... at the end of the day I got all the toothpicks back, but none of the marshmallows and gumdrops. Wonder what happened to them?  
Jim Roberts

## NMGMS Junior Rock Hound of the Year Program

In order to provide a means to encourage more active participation in NMGMS, the lapidary arts and the collection/identification of rocks, minerals and fossils by our junior club members, the club has established a Junior Rock Hound of the Year program. This program has certain requirements for each of our young members to accomplish over the course of the year and upon completion of said requirements, they will be awarded a certificate and a prize at the Dec. meeting/Christmas party.

The requirements for this achievement are:

1. The junior member is a member in good standing; having participated in club activities and helped out at the meetings.
2. The junior member has written at least one article for the club's newsletter.
3. The junior member has given a "show and tell" presentation at one of our meetings covering either their rock/fossil collection or a lapidary project that they have done.

The prize that goes along with the certificate would be pertinent to the club's activities i.e. jewelry making tools and supplies, rock hammer, identification guides, etc. The prize would be reflective of the junior member's interests.

All adult members of NMGMS are encouraged to provide their expertise and assistance to all junior members striving for this award.

### Youth Advisors

Jim Roberts  
[Latergator2003@yahoo.com](mailto:Latergator2003@yahoo.com)

Dana Jones  
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David Lloyd

### Rockhead Officers

**President**

Matthew Lambert

**Vice President**

Robin Langford

**Secretary**

Remy Collins

**Field Trip Organizer**

Brittany Lambert

Remy discussing lampwork beads at the May meeting.





# Bead Soup

A place to share knowledge about the lapidary arts.



Faceted Citrine by Justin Hobart, he created the pattern himself. The stone was given to him by Floy and Bill Hawkins.

## SAFETY TIPS FOR WORKING WITH RESIN

- **Proper ventilation:** Open a window or use a fan if necessary to have a fresh air supply.
- **Wear disposable gloves:** Latex-free gloves are less likely to react with the resin. If you have super sensitive skin, you might consider coating your hands with a barrier cream first.
- **Wear protective clothing:** If mixing up gallons of product to use on a large scale, this would be essential.
- **Designate items as resin only:** Silicone baking molds can make great resin molds too, but once used for resin, they should not be used for food again. The same goes for mixing containers and utensils.
- **Wear a respirator:** Some resins, including polyester and polyurethane, can be very dangerous. Wear a NIOSH approved respirator and make sure it fits properly.
- **Wear safety goggles:** This is especially true if sanding resin where it puts lots of particles in the air.
- **When sanding resin, wear a particle mask or respirator:** For light sanding, a particle mask is probably sufficient, but if you're using a belt sander, grinder or buffing wheel, a respirator may be more appropriate since the resin will be more aerosolized.
- **Clean up spills immediately:** While it's inconvenient to stop in the middle of a project to clean up a resin spill, it's better than having an unknowing person get it on him or herself.
- **Exercise care with solvents:** If cleaning up a resin spill on the skin, don't use a ketone or chlorinated based product. This will only put the resin deeper into your skin. Use only soap and water.

## Meeting Program

The meeting program for the May meeting was resin jewelry making, presented by Nancy Roberts.

