

Jacksonville Gem and Mineral Society, Inc.

Vol. 49 No. 3 Jacksonville Florida March 2009

JGMS Website: <http://www.jaxgemandmineral.org/>

AFFILIATED WITH

Jacksonville Gem & Mineral Society



WINNER- SFMS
Small Bulletin
1st Place 2001,
2006
2nd Place 1999,
2000, 2003

AFMS
Honorable
Mention 1999,
2001, 2003
4th Place 2006

2009 Officers

President	Jason Hamilton	294-4744	jasons.designs@comcast.net
President Elect	Curtis Siver	699-1264	cksiver@bellsouth.net
Vice President	Paul Cascini	912-674-4095	clcascini@aol.com
Secretary	Cindy Cascini	912-674-4095	clcascini@aol.com
Treasurer	Harriet Rose	509-3346	RosebiltInc@aol.com
Director (2009)	Mickey Cecil	783-4602	helpcecilhelp@juno.com
Director (2010)	Cheryl Ashley	725-6198	ceashley@bellsouth.net
Director (2011)	Tom Frame	737-9867	tomframe@comcast.net

2009 Committee Chairpersons

Membership	Jeff & Karyn Bee	718-2037	webee7@aol.com
Library	Lynn Hoffmann	923-9525	lynnhoffmann53@yahoo.com
Fair & Exhibits	Craig Hamilton	731-1287	chamilton@ramprofessionalgroup.com
Club Show	Tom Frame	737-9867	tomframe@comcast.net
Building Committee	Harriet Rose	509-3346	RosebiltInc@aol.com
Social Concerns	Amy Johnson	233-6394	kbear530@earthlink.net
	Mary Lou Roberts	307-3368	
Field Trips	Mickey Cecil	725-6198	helpcecilhelp@juno.com
Publications	Chuck Sederholm	992-7162	chucksederholm@bellsouth.net
Programs	Cheryl Ashley	731-8180	ceashley@bellsouth.net
Federation Liaison	Jason Hamilton	294-4744	jasons.designs@comcast.net
Education	Jacki Jordan	352-494-8501	beadroom@att.net
Workshop	Doug Kryszak	924-3911	dougjax@yahoo.com
Refreshments	Frances Siver	230-8994	fvsiver@bellsouth.net
	Melissa Siver	230-8994	
Scholarship Awards	Linn Dew	221-8477	linndew@aol.com
Canceled Stamps	Tina Jacobs	233-5541	jacobcb@bellsouth.net
Youth Activities	Amy Ellis	710-3316	notthenice1@bellsouth.net
Web Master	Mickey Cecil	725-6198	helpcecilhelp@juno.com

Mailing address:
JGMS
6653 Powers Ave, Suite 132
Jacksonville, FL 32217

Meeting Place: First Thursday of every month
Riverside Avenue Christian Church
2841 Riverside Avenue
Jacksonville, FL 32205

Dues: \$20.00/yr Individual \$30.00/yr Family

Purpose: The purpose and objective of this corporation is to stimulate interest in rocks and minerals for furtherance of the activities of the members of this society in the earth sciences; to disseminate knowledge, methods and procedures for the collection, identification, cutting, polishing, setting and mounting of specimens for these activities: to promote good fellowship, proper ethics and conduct in the relationship of the members with each other and with the members of other Earth science societies in pursuit of these activities.

Officers and Committee Members of the Southeast Federation of Mineralogical Societies, Inc. or American Federation:

Jim Robinson SFMS Past President, Canceled Stamp Chairman, Past AFMS Regional Vice President, Past AFMS President
Barbara Tuttle Mayo Education Foundation Past Director. Barbara, Director of Wild Acres 2005 SFMS Weeks
Dianne Johnson SFMS Uniform Rules Committee Chair 2006, 2007, 2008
Ed Johnson SFMS Bulletin Contest chair 2007, 2008

Bring canceled stamps to the meetings to support the Federation program providing scholarships to Federation workshops at William Holland in Young Harris, Georgia, or at Wild Acres in North Carolina. For every 100 stamps, your name goes into a drawing for a chance to win a scholarship.

Working at club function earns points toward a chance to win a scholarship to William Holland, Stewart and Shirley Roberts Award is for JGMS members with less than 2 years membership. The Bill and Maurine Meadows Award is for JGMS members with over 2 years membership.

JGMS Website <http://www.jaxgemandmineral.org/>

PRESIDENT'S MESSAGE



I was happy to see a great turn out of the Silent auction. There were a lot of great items up for bid and I noticed a couple of bidding wars going on. In all I feel everybody had a great time and a lot of really good material found new owners. Many thanks to all the participants that donated items and to members that gave a good home to the auction items.

Karyn Bee suggested we give this a try to possibly earn a little extra money for the club. The idea was to sell glasses of champagne with a faceted stone tied to the stem, but only one of the stones would be a genuine high dollar stone. The Champagne sales went very well with a side contest twist of who could sell ten glasses faster, I or President Elect Curtis Siver. The looser donated \$5 towards the fund raiser. Lets just say, "I can't help how handsome I am", sorry Curtis, Maybe next year... Anne Acker received the emerald cut Sapphire, what a butte. Hopefully this will become a new tradition. High Thanks go to Dana Brooks for donating all of the faceted stones.

Junior day is Saturday March 28th at the work shop from 10 until 2. The flyer is on the website. This should be a grand day not only for the juniors, but for the instructors. I really get a kick sharing skills with our juniors. This year Frances Siver has organized a wonderful schedule of activities that should prove to be bigger and hopefully better with some really cool door prizes. Great job Frances and to everyone volunteering the time and talents.

The workshop cleanup day this past Saturday was a great success. There were about 30 people in attendance through out the day. The front class room got a fresh coat of paint and the floor plan was reorganized to make it more efficient. There was a new light switch added to the casting area. The casting area was cleaned up and made ready for use. The Cabbng and Silversmithing area was cleaned up and a few things were moved around for easier use and function. There was also a narrow table built with a small cabinet at the rear of the workshop to add a little more room. The day ended with a surprise birthday party for Doug Kryszak, our Workshop director.

At your service, Jason Hamilton

EDITORS PEBBLES



Boy, this news letter went together very easy and fast. What with all of the activities going on in our club, there was plenty of news to include. Moreover, thanks to the contributions of some of our members, this news letter becomes a real part of our club.

Thanks to Francis Siver for her very interesting report on the Tellus Museum. Sounds like they had a great trip. It was wonderful for her to share it with the rest of us.

Real praise goes to Melissa Siver for her article on *Trilobites Of Dalton*. She is one of our **junior members!** Her article is an excellent job! Come on juniors. Don't let her be the only one!

Finally, thanks to Frank Hopkins for his very interesting article on his experiences with the jewelry store business.

Why is it that the people who are really deeply involved in the club take the time to sit down and write something of interest for the rest of us. Come on - the rest of you. Let's hear about your experiences in one of the classes -- or about your remembrances of past years in this club. Take the time to sit down and contribute. It doesn't have to be great prose - just something from the heart.

Respectfully, Chuck Sederholm

INDEX

Page 2	Minutes of March 5 meeting
Page 3	Social Concerns
Page 4	Trilobites Of Dalton
Page 5	Tellus Science Museum
Page 6	So I Opened a Jewelry Store
Page 7	Mineral of the Month
Page 8	Club Picnic
Page 9	Junior Day
Page 10	Class Schedule

MINUTES FOR THE MARCH 09 MONTHLY MEETING.

Monthly meeting of the Jacksonville Gem and Mineral Society was held at the Riverside Christian Church, 2811 Riverside Ave., Jacksonville, Florida on March 5, 2008. President Jason Hamilton opened the meeting at 7:30 p.m.

PLEDGE OF ALLIGENCE: Pledge of Allegiance was lead by Sarah Hamilton.

WELCOME GUESTS: Guests were welcomed.

YOUTH GROUP: Youth group was dismissed.

MINUTES: Minutes were accepted as presented in the newsletter seconded and approved.

TREASURER REPORT (Harriet Rose): \$778.00 was deposited. \$740.00 in expenses.

MEMBERSHIP (Karyn and Jeff Bee): New Members: Karen Olsen, Steven and Ann Acker.

SOCIAL CONCERS (Amy Johnson and Mary Lou Roberts): Condolences and well wishes to members.

FAIR & EXHIBITS (Craig Hamilton): The September show will be upon us sooner than you think. Get your case ready now for the show. 12 members interested in displaying cases.

CLUB SHOW (Tom Frame): Dinner for meeting will be covered dish. RSVP for count. Dinner will be held Saturday night after the show at the Morocco Temple.

PUBLICATIONS (Chuck Sederholm): Need articles for the newsletter.

FIELD TRIPS (Mickey Cecil): May 2 field trip to Glendon NC. Info at show and tell table. Reservations are needed.

REFRESHMENTS (Francis Siver): Sign up for refreshments and bring door prizes. Junior day will be held March 28th at the workshop.

EDUCATION (Jacki Jordan): Class sign up will be at the end of the meeting after the auction. April instructor calendar available.

WORKSHOP (Doug Kryszak): Workshop clean up on Saturday, March 7. From 9 to 2 bring cleaning supplies.

SCHOLARSHIPS (Linn Dew): No report.

LIBRARY (Lynn Hoffman): No Report.

CANCELLED STAMPS (Tina Jacobs): No Report.

COMMUNICATIONS (Jim Robinson): Holy Cow, Polishing agent, is available for order. Jim Robinson will be taking orders at the March Meeting.

OLD BUSINESS: No old business.

NEW BUSINESS: Debbie in Deland is having a rock sale. Flyer at show and tell table.

SHOW AND TELL: Marvin Palmer, Francis and Melissa Silver, Ed Price, Jerry Cole, Jeff Bee, Heather Ferman, Anne Acker, Linda Weinstein and Katie Raven all shared their wonders with us.

DOOR PRIZES: were given out to juniors and adults.

Champaign Fund Raiser was held Faux champagne glasses were sold for \$8 each. 1 glass held a 1.20 carat sapphire, the other 19 held simulated stones. The sapphire was won by Anne Acker.

MEETING ADJOURNED: The meeting was adjourned and all members were invited to enjoy refreshments. The silent auction was held. Clean up and put chairs away.

RESPECTFULLY SUBMITTED

Cindy Cascini

SOCIAL CONCERNS

Keep **Ann Dagenais** in your thoughts and prayers. She has just been diagnosed with lung cancer. Her doctor will propose a plan of treatment next week.

Linda Weinstein has just been diagnosed with acute leukemia. Keep her in your prayers.

Lynn Hoffman's husband has also just been diagnosed with acute leukemia. Keep him in your prayers.

JUNIOR OF THE YEAR AWARD

The SFMS is offering an award to the **Junior of the Year**. The prize is a week at the William Holland School of Lapidary Arts. The award is based upon a junior doing a series of gem/mineral activities. If you would like to nominate a junior, go to WWW.AMFED.ORG/SFMS/ or contact Francis Siver.

INTERNATIONAL SOCIETY OF GLASS BEAD MAKERS MEETING

This society is having a meeting on March 14th at the home of Heather Ferman.. The formal meeting will take place in the morning. Starting at 12:30 PM, Heather will host an open house with a large number of flame working bead displays and demonstrations. Any and all people interested in flame working bead making are welcome to attend. Heather lives at 2789 Kelsey Place, Jacksonville, FL 32257.

MARCH BIRTHDAYS

Kati Cascini	3/20	Jerry Cole	3/28
David Drake	3/1	Joyce Ford	3/11
Del-Mari Fransson	3/26	Ken Lovan	3/19
Cody Lovan	3/15	Steven Malenfant	3/24
Earnest Mattison	3/29	Paul Roth	3/24
Eli Sutherland	3/24		

Trilobites Of Dalton, Georgia

By Melissa Siver

On Saturday, February 7, 2009, a group of rockhounds from the Jacksonville Gem and Mineral Society traveled from Jacksonville to the piedmont area of Dalton, Georgia, to collect shale. Geologist's term for this particular shale bed is the Conasauga Formation. The special features of the shale include fossilized trilobites, sponges, and coprolites.

The trilobites were found in shale layers lining the banks of a stream running under a bridge. The shale, which forms in books, was easily removed, and when split apart, tended to reveal a trilobite of varying quality. There were also hunks of shale in the river, which were harder and contained higher-quality fossils than the shale found on the riverbanks. Because the rocks are so easily removed, you must be careful to not over-collect this site and encourage too much erosion. The specimens we collected ranged in size from 5 mm to 3 cm lengthwise, and 4mm to 2 cm crosswise, and were very fragile.

These small trilobites, known as *Naraoia Compacta*, are soft-bodied arthropods that belong to the Crustacea family. *Naraoia Compacta* fossils have been found in many parts of the world, including Europe, Asia, and the Americas. In the Conasauga formation, they have been discovered alongside other fossils such as sponges, larger trilobites in the *pytchopariid* family, and large coprolites, giving us a picture of *Naraoia's* underwater habitat. These well-preserved arthropod fossils are from the Middle Cambrian Period, 540 million years ago. The preservation of the trilobites is due to the high concentration of silica and iron in the shale, and the malleability of the substrate at the time that the trilobites died.

Although most of the fossils we found were of the trilobite *Naraoia* (Figure 1), we also found a fossil we could not identify (Figure 2). Because of its physiology, this particular creature could be related to *Asaphida Asaphoidea*, a hunter-scavenger trilobite that preyed on of the filter-feeding *Naraoia*.

For rockhounds of all ages, the Conasauga Formation is an easy dig, requiring a minimum amount of tools, and which yields many fossils from the Cambrian seas. However, the collector must exercise care when handling the fossils and must also remember to respect the dig site.



Naraoia Compacta
Figure 1



Unknown Fossil
Figure 2

Tellus Northwest Georgia Science Museum

By Frances Siver

Field Trip Report: February 7, 2009

Saturday morning came bright and early for several JGMS members who woke from their slumber at 3:00 AM for a five-hour drive to the Tellus Northwest Georgia Science Museum in Cartersville, Georgia (except for those of us who spent Friday night in a haunted B&B). This newly opened museum is a world-class facility which features four main galleries: The Weinman Mineral Gallery, The Fossil Gallery, Science in Motion and The Collins Family My Big Backyard. Tellus is also home to a 120-seat digital planetarium and an observatory with a state-of-the-art 20-inch telescope. Predictably, the two galleries that were of most interest to our members were the mineral and fossil exhibits.

The Weinman Mineral Gallery features over 50 cases of minerals from Georgia and around the world. Some of the most impressive displays include large collections of gold in matrix; rhodochrosite nodules, agates and geodes; polished mineral spheres; and faceted gems. There is also a large room featuring fluorescent rocks that are illuminated as you enter the area.

Most of the mineral displays, however, are organized according to their chemical composition. For example, there are large displays for the carbonate, the silicate, the halide, and the sulfate groups. In the carbonate group, they have a large "caterpillar-shaped" malachite (Sorry Jeff, you can't take it home). The silicate group features large emerald, aquamarine, and rhodonite crystals in matrix. Showcasing the halides, are many unusual halite formations, whereas the sulfates boast many stunning crystal variations of barite.

The Fossil Gallery is equally as impressive (well, almost), with a complete life-size skeleton of a giant-ground sloth and a towering T-rex (Zach's favorite). There are also some more common displays of ammonites, sharks teeth and mammoth teeth. The ammonite collection is quite varied, with large polished pieces to a specimen with several hundred ammonites in matrix. However, one of the most beautiful pieces in this part of the gallery is a large limestone rock with six fossilized sand dollars imbedded in it.

Following the visit to the mineral and fossil galleries, the JGMS members briefly toured the Science in Motion exhibit (Jason was checking out the kid's zone) and then, you guessed it, went to the gift shop to inspect the various fossil and mineral specimens for sale. The museum store had many interesting, though overpriced, specimens. They also had a nice selection of educational materials, including an awesome 3-D periodic table (which I could not resist).

The Tellus Northwest Georgia Science Museum in Cartersville, Georgia with the The Weinman Mineral Gallery and The Fossil Gallery has one of the largest fossil and mineral displays in the Southeast. Overall, this field trip, combined with the Dalton trilobite dig and Henry's Louisiana Grill makes for an exciting, educational, and fun day.

So, I Opened My Own Jewelry Store

By: Frank Hopkins

There was nothing like the feeling of finally getting the last coat of paint on the walls and the last display case filled. After only 3 weeks of 20 hour days, I was finally ready to open. And not a moment too soon. I had advertised the "GRAND OPENING" for a Saturday at 10:00 am. It was Saturday at 7:30, and I was a wreck. I was nervous about opening the business, I was nervous about all the money I had dropped into merchandise or "merch". I was nervous about the advertisements running on radio, TV, and 3 publications. I was upset because one of my new employees was late and I had not heard from her. (In fact, I never did hear from her.) and withal, the girlfriend had not arrived with the coffee and Danish for the expected crowd of buyers! At 10:15 I was beside myself, since not one single person had walked through the door. At 10:45, the first customer walked in, a man. "Hey, can I get 4 quarters for the parking meter?" He said.

ARRGGUGH~

That is the story of my first opening day at my first store. The store never did well, so I ended up closing it, and looking for a better location. Meanwhile, I honed my skills at sales, service and custom designs, operating from a mini-warehouse location, not unlike the clubhouse. From there, I did very little direct retail, but the rent was cheap and the building secure, so I commenced manufacturing, and forays out to every art show and festival I could get into. I quickly found some shows are much better than others. And it also depends on the merchandise you bring with you. Gold and fancy gems did not sell at the Spring Bike Show, but the big bulky biker rings sold out. So did the bling the biker ladies like. I made more at the spring bike show than I did in 6 months at the brick and mortar store. Well, thought I, since I did so well at the bike show, let me get into the Palatka Blue Crab Festival. I did and over 3 days I broke even for the high booth rent. But the guy next to me was selling out of his "garden art" butts. My big seller was hammered rings I made on-the-spot. It was a \$5.00 crowd. I also ventured into Daytona for Bike Week and Biketoberfest. I did very well for both events, but, the long event duration, and lack of creature comforts put a stop to this after 5 years. I was getting too old to "rough it" for that long. Then came the Flea Markets. After a solid 2 years at Beach Blvd, customers began to dry up due to reduced parking and the new indoor markets. So, after a brief try at Ramona Flea Market, we landed at the big market on 301 near Gainesville. We ended up building an enclosed booth, complete with ceiling fans, Air conditioning and heat. For the next 3 years, we did well until the flea market management decided they wanted our space, so they raised the rent, put in transient silver vendors a few spaces away, Time to cut the losses and go. The market manager had bragged that he would inherit the booth I built, and I made sure that nothing usable remained.

Around and around looking for the perfect location went I. One day it almost fell into my lap. A Store at 110 East Forsythe Street, only 3 doors from the Florida Theatre. The rent was right, and the place was the perfect size. Not too big. By now, I had so much experience setting up stores, I was done in 3 days. No big grand opening, but the coffee and Danish remained. I would still have the place had the city not come along and annexed all the street parking for the city workers. Again, traffic fell off to nothing, and another closure. Then I discovered EBAY! and have found a fairly happy, though unreliable home there.

The moral of the story is: Location is everything, except the business. And sell what the buyer will pay for, not necessarily what you want to sell.

MINERAL OF THE MONTH, PERIDOT

By Wayne Oesterreich

Name: Peridot (Olivine Group)

Class: Silicates ; Nesosilicates

Composition: Magnesium iron silicate The series ranges from the magnesium end member, Forsterite, through the intermediary member, Olivine (also known as Chrysolite), to the iron end member, Fayalite.

Color: Olive-green, yellow-green, light green, yellow, yellow-brown, brown, gray, white

Streak: Colorless

Hardness: 6 1/2 to 7

Crystal Form (Orthorhombic) Crystals, which are prismatic and stubby, are rare. Usually occurs as pounded grains, in dense aggregates of grainy crystals, and as fractured masses.

Spec Gravity 3.2-4.2

Cleavage: 2,1 ; 3,1- forming a 90 Degree angle **Fracture:** Conchoidal

Uses: The variety Peridot is a famous gem. It creates a distinctive, yellow-green to olive-green gem that is well known. It is the birthstone of August.

Chemical : The Olivine group is composed of three minerals, with the following formulas:
Forsterite = (Mg_2SiO_4)
Olivine (Chrysolite) = $(Mg,Fe)_2SiO_4$
Fayalite = Fe_2SiO_4



JAX GEMS - JGMS Newsletter

VOL. 49

No. 3

March

2009

Page 8.

JGMS PICNIC

Join us at the Jacksonville Gem and Mineral Society's Spring Picnic.

When: Saturday, April 18, 2009 from 10:30am to 3:30pm

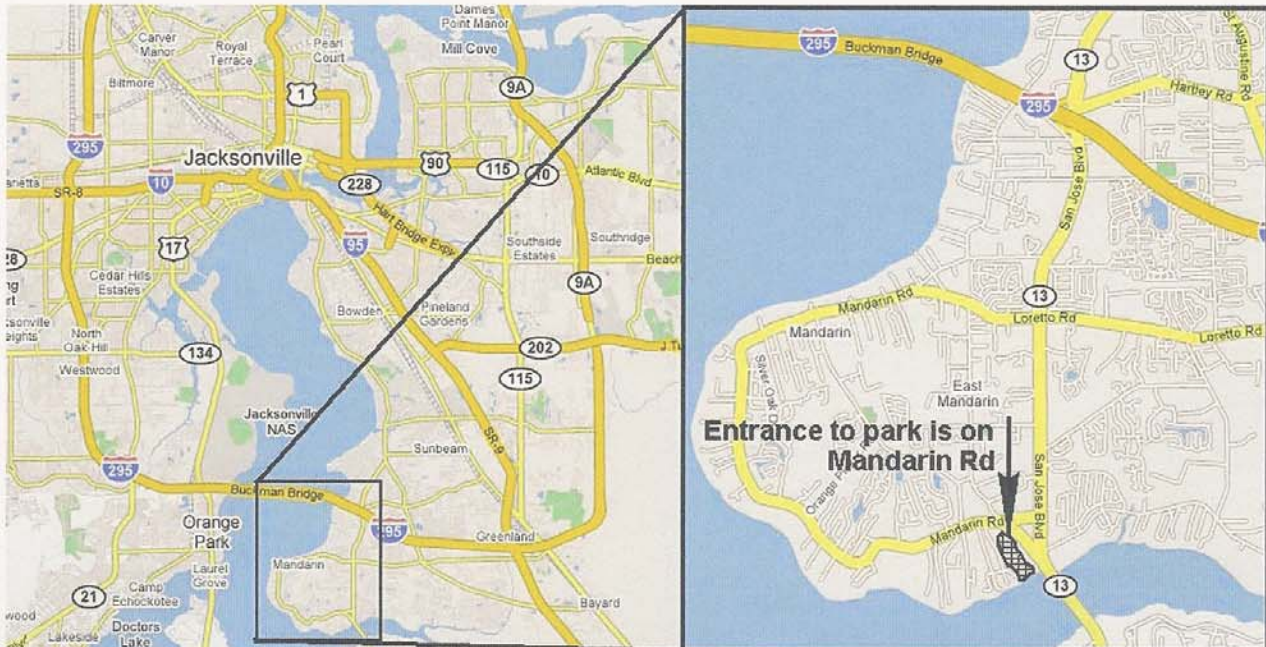
Where: Mandarin Park, Pavilion #3

What: Bring a covered dish of your choosing that will take care of your family and enough for 4 or 5 more people.

Drinks, Cups, utensils, plates, napkins and the meats will be provided.



This is a great time for members to socialize and talk about all the good times we've had. It's nice to share the beautiful surroundings with good people and good food. Hope to see you there.



* JGMS is a nonprofit organization. <http://www.jaxgemandmineral.org>

JGMS Junior Day

The Jacksonville Gem and Mineral Society* is hosting Junior Day 09'. Youth ages 5 and up, will be able to come to the work shop to make lapidary crafts and learn about gems, minerals and fossils. Join us on Saturday March 28th from 10:00am until 2:00pm. Parents or guardians are encouraged to come and share in this fun and unique experience.



This is an opportunity for our junior rock club members to explore the Work Shop. The event is planned to strengthen their knowledge of geology, the lapidary arts, and to develop a better understanding of what goes on at the workshop. Instructors and other teaching members will be present to guide and to insure that a safe and productive experience will be had by all. Door prizes will be provided every hour and every youth will receive a special gift at the end of the program.



- Kids will get to make different crafts
- Use some of the shop equipment
- Dig for fossils
- Identify and test minerals
- Peer Through a microscope
- Explode a Volcano
- Drinks and snacks will be provided.

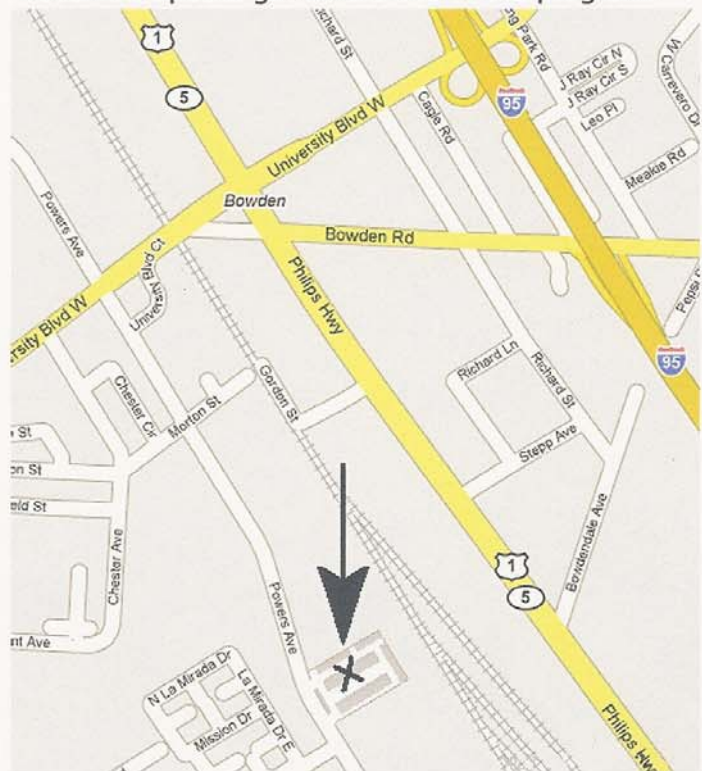


For more information, contact Frances & Melissa Siver (904)230-8994



Mom.. Dad.. lets go. I don't want to be late for Junior Day at the JGMS club house.

JGMS is hosting a Junior Rock Field Trip April 11th. Keep posted for more information.



* JGMS is a nonprofit organization. <http://www.jaxgemandmineral.org>

JAX GEMS - JGMS Newsletter

VOL. 49

No. 3

March

2009

Page 10.

Jax Gem & Mineral Society Class Schedule

MARCH 2009

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 Open Silver Hamilton 6-9	3 Open Silver Hamilton 6-9	4 Open Silver Hamilton 6-9	5 Club Meeting Silent Auction	6	7 Workshop Cleanup Day 9-2
8	9 Beginning Silver Hamilton 6-9	10 Beginning Silver Hamilton 6-9 Casting Hopkins 6:45-9:45	11 Beginning Silver Hamilton 6-9 Casting Hopkins 6:45-9:45	12 Beading Ashley 6:30-9:30 Casting Hopkins 6:45-9:45	13	14
15	16	17 Cab, Gab. and Slab Bailey 6:30-9:30	18	19 Cab, Gab. and Slab Bailey 6:30-9:30 Board Meeting 7:30	20	21
22	23	24	25	26 Lampwork Beads Sederholm 6:30 - 9:30	27	28 Junior Day 09' 10-2
29 Color Gems ID Jordan 1:00-6:00	30 Inlay Silver Project Class Hamilton 6:00-9:00	31 Inlay Silver Project Class Hamilton 6:00-9:00 Chain Ellis 6:30-9:30	1 Inlay Silver Project Class Hamilton 6:00-9:00	2 Club Meeting 7:00	3	4

TEACHERS' PHONE NUMBERS

ASHLEY 731-8180
 ELLIS 710-3316
 HOPKINS 262-5458
 SEDERHOLM 992-7162

BAILEY 346-0083
 HAMILTON 294-4744
 JORDAN 352-473-8591