



Jacksonville Gem and Mineral Society, Inc.

Vol. 48 No. 12 Jacksonville Florida December 2008

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

AFFILIATED WITH



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

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

Jacksonville Gem & Mineral Society

2008 Officers

President	Jason Hamilton	786-7605	jasons.designs@comcast.net
Vice President	Tom Frame	737-9867	tomframe@comcast.net
Secretary	Tina Jacobs	781-4443	jacobc@bellsouth.net
Treasurer	Harriet Rose	509-3346	RosebiltInc@aol.com
Director (2008)	Earl Carlson	731-8180	
Director (2009)	Mickey Cecil	783-4602	helpcecilhelp@juno.com
Director (2010)	Cheryl Ashley	725-6198	ceashley@bellsouth.net

2008 Committee Chairpersons

Membership	Frank Hopkins	262-5458	aartworks@earthlink.net
	Amy Johnson	233-6394	kbear530@earthlink.net
Library	Lynn Hoffmann	923-9525	lynnhoffmann53@yahoo.com
Fair & Exhibits	Craig Hamilton	731-1287	chshell43@bellsouth.net
Club Show	Tom Frame	737-9867	tomframe@comcast.net
Building Committee	Harriet Rose	509-3346	RosebiltInc@aol.com
Social Concerns	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	786-7605	jasons.designs@comcast.net
Education	Jacki Jordan	(352)494-8501	jacki@everything-jewelry.com
Workshop	Doug Kryszak	924-3911	dougjax@yahoo.com
Refreshments	Karyn Bee	282-9275	webee7@aol.com
Scholarship Awards	Linn Dew	221-8477	linndew@aol.com
Canceled Stamps	Jacki Jordan	(352)494-8501	jacki@everything-jewelry.com
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



Things just keep getting better for our organization. We have accomplished so much this year and I'm very proud to have been apart of it with you. The new elected or returning board members are: President: Jason Hamilton; President Elect: Curtis Siver; Vice President: Paul Cascini; Treasure: Harriet Rose; Secretary: Cindy Cascini: and Director: Tom Frame.

The general atmosphere with in the society has become united and driven. It's because of this atmosphere that has lead to our successes. I guess people have been listening to the repetitive comment of, "Without you, there can be no us". With a new strong line up of board and committee leaders, next year there will be some new and exciting opportunities for our organization to move in a more rewarding and productive direction. I would like to personality thank all the board and committee members, instructors and volunteers that have made this year a great success. Throughout the last year I have had more conversations about rekindling the grass roots movement that lead to our organization being created in the first place.

Recently I was invited to a rock cutting party and cook out and we really had a great time. I see this becoming a trend and I'm encouraging you to do the same. I will be having a similar get-together as soon as I get my 20" saw going. It doesn't matter what you choose to do as long as it involves inviting your fellow club members to join in.

Respectfully, Jason Hamilton

EDITORS PEBBLES



As you can see, the newsletter is a couple pages short this month. Short on field trips and other input.

On pages 5 and 6 I have lifted a cute story from a 1994 Cobb-L-Stone. It is a very cute and informative story, but I would much prefer to have articles from our club.

Please consider writing up an article on your experiences with mineral and/or gems. You don't have to be an experienced writer to generate something that would be of interest to your fellow members.

As Jim said at the last meeting, if you want this club to thrive, you have to participate.

Please send me some material!

Chuck

INDEX

Page 2	Minutes of 12/4/08 meeting
Page 3	Member Events
Page 4	Mineral of the Month
Page 5	Rocks in His Head
Page 6	Other items of interest
Page 7	Christmas Party Pictures
Page 8	Class Schedule

JAX GEMS - JGMS Newsletter

VOL. 48

No. 12

December

2008

Page 2.

MINUTES OF THE DECEMBER '08 MEETING

The monthly meeting of the Jacksonville Gem and Mineral Society was held at the Riverside Christian Church, 2811 Riverside Ave., Jacksonville, Florida on December 4, 2008. President Jason Hamilton opened the meeting at 7:40 pm.

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

TREASURER'S REPORT: (Harriet Rose) \$5381.53 is in the general account. \$1811 was made at the silent auction during the last meeting.

YOUTH ACTIVITIES: Amy Ellis and Deborah Ritter led the Jrs. in an activity.

MEMBERSHIP: No report.

LIBRARY: (Lynn Hoffman) No report.

SOCIAL CONCERNS: (Amy Johnson) deline Wanamaker passed away recently.

Fair and EXIBITS: (Craig Hamilton) Thanks to everyone who entered an exhibit and/or sat at the Welcome table.

CLUB SHOW: (Tom Frame) In 2009 JGMS will be hosting SFMS during the fall show. So start thinking about doing an exhibit as a club we want to have a variety of excellent exhibits to show. A check from the show will be presented to the club during the Christmas party.

FIELD TRIPS: December 6, 2008 trip to Jackson's Crossroads Amethyst Mine in Wilkes County, GA. See the web site for more information.

SCHOLARSHIP: (Linn Dew) No report.

STAMPS: (Jacki Jordan) Keep stamps coming in.

EDUCATION (Jacki Jordan): No report.

REFRESHMENTS: (Karyn Bee) Refreshments and supplies were provided by Robert Thompson, Dan Miller, Jerry and Tina Oppel, Mary Brooker, Katie Raven, Craig Hamilton, Cindy Cascini, Any Johnson, Frank Hopkins, Lenora Copeland, and Jackie Jordan.

WORKSHOP: (Doug Kryszak) No report.

COMMUNICATIONS: Jason will be emailing out the Tampa Gem and Mineral newsletter and the William Holland brochure is being sent out and is available on line.

PROGRAMS: (Cheryl Ashley) No report.

OLD BUSINESS: Nominations and elections for President, President Elect, Vice President, Secretary and Treasurer were held. Nominations were as follows: President: Jason Hamilton, President Elect: Curtis Siver; Vice President Paul Cascini, Secretary Cindy Cascini, and Treasurer Harriet Rose. Motion was made to elect slate as unanimous was made and seconded.

NEW BUSINESS: *New committee position is being added for "Men at Arms". This position will be in charge of setting up and taking down the tables, chairs and PA system for each meeting.

SHOW AND TELL:, Jeff Bee, Jason Hamilton, Eunice Waller, Arden Sederholm, Roger Copeland, and Brandi and Scott Jackson, all shared their wonders with us. Door Prizes were given out. Due to the presidential debate scheduled that night the program was postponed. The meeting was adjourned at 8:40 pm.

RESPECTFULLY SUBMITTED
Tina Jacobs

Member Events

In Our Memory: **Adeline Wanamaker.** Our sympathies go out to her husband, Donald..

Awards: **Jane Wydra** received an "Award of Recognition" at the Deland Fall Festival of Arts for a piece of her silver PMC jewelry.

Harriett Rose took 1st place in the jewelry exhibit at the Duval County Fair.

Kimberly Lynn took 2nd place in the jewelry exhibit at the Duval County Fair

Jason Hamilton took 3rd place in the jewelry exhibit at the Duval County Fair

December Birthdays:

December birthdays are the pits! They always get combined with Christmas celebrations! If your birthday is wrong or missing, please get with the membership chairman to correct our records!

Sam Atkinson	12/30	Marcy Bartlett	12/24
Valerio Grendanin	12/27	Patty Halas	12/2
Nicole Holzapfel	12/6	Sharon Lean	12/2
Kathy McCall	12/11	James Mihay	12/2
Jessica Schroeder	12/31	George Schwarz	12/3
Gabrielle Singleton	12/1	Holly Thompson	12/18
Tom Van Mun	12/13	Susan Weiss	12/2
		Britney Hamilton	12/18

To Any Little Boy's Father

There are little eyes upon you, they're watching night and day.
There are little ears that quickly take in everything you say.
There are little hands all eager to do everything you do.
And a little boy who's dreaming of the day he'll be like you.
You're the little fellow's idol, you're the wisest of the wise.
In his little mind, about you no suspicions ever rise.
He believes in you devoutly, holds onto all you say and do.
He will say and do in your way, when he's grown up, just like you.

There's a wide-eyed little fellow who believes you're always right.
And his ears are always open and he watches day and night.
You are setting an example every day in all you do.
For the little boy who's waiting to grow up and be like you.

Author Unknown

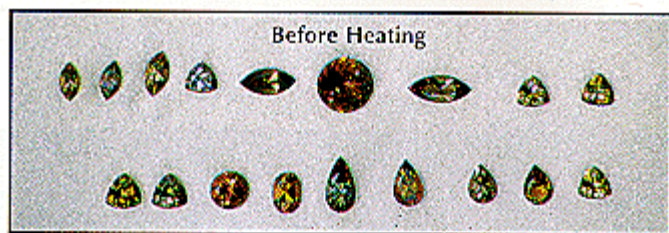
Mineral of the Month

DECEMBER BIRTHSTONE – TANZANITE

Chemical Properties: Tanzanite is a hydrated calcium aluminum silicate mineral with a chemical formula of $\text{Ca}_2\text{Al}_3\text{Si}_3\text{O}_{12}(\text{OH})$. It is 18.76% calcium, 12.63% aluminum, 19.71% silicon, .24% hydrogen, and 48.67% oxygen. Tanzanite has a molecular weight of 427.38.

Tanzanite is relatively new on the gemstone market, but has left its mark. Its blue-lavender color is rather unique and a wonderful addition to the gemstone palette. Found in Tanzania (hence the name) in 1967, it has since become a well known and widely distributed gemstone. It has become so popular that in October of 2002 the American Gem Trade Association (AGTA) announced that tanzanite had joined zircon and turquoise in the traditional list of birthstones for the month of December.

Nearly all tanzanite has been heat treated to generate the beautiful violet-blue color this stone is known for. When first mined, most stones are a muted green color. The only known source of Tanzanite is a five square mile hilltop at Merelani, ten miles south of the Kilimanjaro International Airport in Tanzania. Tanzanite is the gem variety of the mineral Zoisite.



Referance and pictures from <http://www.emporia.edu>, <http://www.webmineral.com> and <http://www.galleries.com>

The following two pages are extracted from The Cobb-L-Stones, March 1994

"Rocks In His Head"

A story-By: Bill Barber-Rockbound

This story came about by some unusual circumstances. It's a long one-but it's true and well worth your time. Here goes:

Credits: All facts are provided by Reader's Digest "Back To Basic" series, Ripley's "Believe It Or Not" book-Vol 4, The University of South Carolina History Department and "The Handbook For Boys"-1938 Edition.

Prior to the Boy Scout Bi-Centennial Jamboree in 1976 (Theme-American Heritage) I was assigned the task of building a full size working model of the "Kentucky Classic" long rifle used by Daniel Boone, Davy Crockett and the American soldier during the war of 1812.

Now this seemed at first to be an easy task-but the more we searched for facts, the less we knew. That's when we turned to the sources listed-they provided some of the most unusual and strange (but true) data about this early American rifle.

We're only going to share a small number of these facts to relate it to our "Rock Story". Now you may ask, "How can a gun be associated with rocks?" Just read on:

1. The gun first appeared around 1750 and soon became known as "The Kentucky Long Rifle" It was the standard until 1835 when percussion caps were introduced and replaced the flint firing method.
2. The barrel of this rifle was 42 inches in length and was 50 caliber in size (that's a rifle ball about 1/2 inch in diameter or the size of a good size marble). The "bullets" were round lead balls and were called "shot".
3. The barrel was open at one end only-not like the rifle that breaks open for loading (called "breaching"). This, in reality, made the barrel a miniature "cannon". To load, one had to insert the "shot" from the end and shove it to the back against the powder with the ramrod".

Now for some specifics:

1. The "shot" was made from lead. Now that's not too difficult to understand until you realize that lead was and still is imported. The American Continent has very little lead and even today we import 97% of all lead used.

2. The "shot" was manufactured in a gunsmith's shop by pouring lead into molds to make perfect 50 caliber size balls-and just a tad larger than 50 caliber. A "shot" had to fit tight so it would not roll back out. A loose fit would be OK if all you hunted was squirrels up in a tree-but what if it was a bear coming up a hill at you? The ball would roll out before you could take aim!

These were purchased by the early Americans. But when the woodsman, Daniel, Davy and others used up their supply of "store bought" shot, do you think they stopped doing whatever they were doing and immediately headed back to civilization to get more bullets from the store? You can bet your coonskin hat they didn't. Usually they had a small supply of scrap lead and some recovered "used bullets" to hand beat into more bullets using the handle of their hunting knives, etc.. Now these weren't perfectly shaped, nor exactly the required size to give a tight fit. So, they used a small "patch" of cloth, wrapped it around the poorly shaped bullet, slapped on a bit of grease, and shoved it down the gun's throat. The small bits of cloth first came from the users clothing (until they started carrying a few along). The best place was one's shirttail. Now you deer hunters out there know where the traditional "shirt tail cutting" ceremony comes from when one bags his first deer!

3. So, by and by, comes the time when the pioneer, the hunter or the soldier uses up all his "store bought" bullets and even his hand made bullets. Quit? Heck No! Old Dan and Davy just hit the nearest creek bed and gathered a batch of small pebbles that had been tumbled smooth by the moving water forces. They didn't exactly fit-but a patch "took care of that. Also, they weren't as heavy as lead, so a little extra powder was used. No problem-fire away!

4. History records several messages left by Dan and Davy who carved things like:

"Dan Boone shot and kilded a bare on this her tree 1778" But one strange message by Davy Crockett appears as follows:

JAX GEMS - JGMS Newsletter

VOL. 48

No. 12

December

2008

Page 6.

"Davy Crockett stoned a bar dead on this spot jauwery 1822"

One can imagine that he literally picked up rocks and stoned the bear to death as was done to people in biblical times. But Ripley says no. What Davy was referring to was that he used a rock (stone) for "shot" in his rifle. Believe it or not!

5. And, according to the records of medical personnel and letters of some soldiers who served with Andrew Jackson during the War of 1812, the following events occurred on many occasions:

Soldiers ran short on lead bullets. The standard practice of supplementing ammunition was the "Screen Boxes" used by soldiers to pan out the-just the right size-creek pebbles.

Many a trooper has "gone on" with "Rocks In His Head"!! Ripley and historic records both say this is the origin of that phrase; as it appeared on many casualty reports listing the cause of death as "Rocks In His Head". What a relief-I always believed they coined this phrase to describe (insult) us "rockhounds"!! Not so. Believe it or not!

Well, that's our rock story for now. There is more. In case you are wondering about other rocks associated with the rifle-one was flint-used to spark the powder charge-but you already knew that!

We did complete the model-it was a lot of fun , building and using it-but the best part was the research effort, the fine folks who helped and all the little know stories we collected along the way.

CANNON BALLS!!! DID YOU KNOW THIS? I DIDN'T

(Contributed by Jason Hamilton)

It was necessary to keep a good supply of cannon balls near the cannon on old war ships. But how to prevent them from rolling about the deck was the problem. The best storage method devised was to stack them as a square based pyramid, with one ball on top, resting on four, resting on nine, which rested on sixteen. Thus, a supply of 30 cannon balls could be stacked in a small area right next to the cannon. There was only one problem -- how to prevent the bottom layer from sliding/rolling from under the others. The solution was a metal plate with 16 round indentations, called, for reasons unknown, a Monkey. But if this plate were made of iron, the iron balls would quickly rust to it. The solution to the rusting problem was to make them of brass - hence, Brass Monkeys

Few landlubbers realize that brass contracts much more and much faster than iron when chilled. Consequently, when the temperature dropped too far, the brass indentations would shrink so much that the iron cannon balls would come right off the monkey. Thus, it was quite literally, cold enough to freeze the balls off a brass monkey. And all this time, you thought that was just a vulgar expression, didn't you?

Author Unknown

JGMS 2009 Calendars

They're here, they're here! Did you hear? They're here! The JGMS 2009 Calendars are here. Britney Hamilton and Melissa Siver gave a short impromptu skit during the JGMS Christmas party announcing the arrival of the new JGMS calendars. The calendars are a fund raiser to support the junior scholarship. That's right a junior scholarship. This scholarship will be awarded to one luck junior member next year. The scholarship will pay for one junior and their parent or guardian to go to William Holland or Wild Acres.

The calendars were designed by the junior members with assistance from Francis Siver and Cindy Cassini. The Calendar features pictures taken by Gary Maddox and Mickey Cecil. Listed through out are dates for the different events for JGMS for the year.

They did a great job in a short amount of time. The calendars will cost \$15 this year and hopefully a little less next year. Remember it's all for the kids. They'll make great colorful additions to any room. Most importantly they're great date reminders for JGMS meetings and events, so buy a couple at the next meeting!

JAX GEMS - JGMS Newsletter

VOL. 48

No. 12

December

2008

Page 7.

December 6th Christmas Party
A wonderful time was had by all!



2009 elected officers, President Jason Hamilton, President Elect Curtis Siver; Vice President Paul Cascini, Secretary Cindy Cascini, and Treasurer Harriet Rose

JAX GEMS - JGMS Newsletter

VOL. 48

No. 12

December

2008

Page 8.

Jax Gem & Mineral Society Class Schedule

December 2008

	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
	1	2	3	4 Club Meeting	5	6 Holiday Party
	8 6-9 Project Hamilton 6:30-9:30 Bead Studio Furman	9 6-9 Project Hamilton	10 6-9 Project Hamilton	11 6:30-9:30PM Bead Embellishment Ashley Beginner Casting Hopkins Open Silver Bring Materials Mattison	12 6:30-9:30PM Beginner Casting Hopkins Open Silver Bring own Materials Mattison	13 9:30am-2:30pm Beginner casting Hopkins
	15 6:30-9:30PM Coin piercing Shacter Beginner Facetin Teresa Frame	16 6:30-9:30PM Coin Piercing Shacter Beginner Facetin Teresa Frame	17 7:30-9:30PM Board meeting 6:30-9:30PM Coin piercing Shacter Beginner Faceting Teresa Frame	18 6:30-9:30PM Grad Byzantine Ellis Beginner casting Hopkins	19 6:30-9:30PM Beginner casting Hopkins	20 9:30am-2:30pm Beginner casting Hopkins
	22	23	24	25 Merry Christmas	26 9:30am-9:30pm open workshop	27 9:30am-9:30pm open workshop
	29 9:30am-9:30pm open workshop	30 9:30am-9:30pm open workshop	31	1 Happy New Year	2	3
	5 6:30-9:30PM Beginner Facetin Teresa Frame	6 6:30-9:30PM Beginner Facetin Teresa Frame	7 6:30-9:30PM Begginer Facetin Teresa Frame	8 Club Meeting 7:30	9	10

Ps. If you plan on going to any of the open workshops please call Hamilton, Bee or Mattison to be sure that someone has the work shop open!!!!

TEACHERS' PHONE NUMBERS

ASHLEY 731-8180
 ELLIS 710-3316
 FRAME 737-9867
 HAMILTON 294-4744
 SEDERHOLM 992-7162

BROWN 389-5378
 JORDAN 352-494-8501
 ROBINSON 221-5038
 MATTISON 388-0409
 BEE 282-9275

Ferman 730-7470