



A monthly publication of the Clear Lake Gem & Mineral Society

VOLUME 39 JUNE 2013 NUMBER 6



NEXT MEETING: June 17, 2013
TIME: 7:30 PM
LOCATION: CLEAR LAKE PARK BUILDING
 5001 NASA PARKWAY
 SEABROOK, TEXAS

The PROGRAM for JUNE...

SHOW and TELL

BADU HILL PEGMATITE FIELD TRIP: CLGMS members attended a field trip to Badu Hill Pegmatite Quarry on Sunday, June 9, 2013. The field trip was sponsored by the Fredericksburg Rockhounds rock club. The general location was the Inks Lake - Buchanan Lake area <http://tinyurl.com/mueju67>.

Bring in your prize specimens and educate us. Bring us your rockhounding finds and let us see how you did.

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CLGMS is now on Facebook

Many thanks are extended to Sandi Hill for creating our Facebook Page. Check us out!

<https://www.facebook.com/pages/Clear-Lake-Gem-Mineral-Society/612663482095512>

MINUTES OF THE MAY 20, 2013 MEETING OF THE CLEAR LAKE GEM AND MINERAL SOCIETY

The meeting was opened at 7:30 pm by the President, Sara Chelette, with the Pledge of Allegiance. The first item on the agenda was a review of the change in leadership. Because of the resignation of Annabel Brownfield as President, Sara as Vice President has stepped up to be President. Bobbie Lefbvre has been appointed to fill the vacancy of the position of Vice President. Visitors were then welcomed.

The Treasurer, Trina Willoughby, gave her report on the Club's financial position and announced that our Bank account has been switched to Chase. Any member holding checks on the old account were urged to cash them promptly so that the old account can be closed.

The President then called for nominations from the floor for the following vacant positions:

- Secretary
- Web Master
- Newsletter Editor
- Librarian
- One Director position

Sara read the duties for each of these positions, but no nominations were proposed at this time.

Committee reports were then called for:

- Membership: Mike Flannigan reported that 82 members have paid dues for 2013.
- 2014 Budget Committee: Chairperson, Bobbie Lefbvre, asked for volunteers for the Committee, with Trina, Jim Wines, and Mike Flannigan filling out the committee.
- Constitution Committee: Sara announced that she would chair a committee to review and propose updates to the club's constitution. Revisions will include allowing the Board to meet electronically and vote by email, for example.
- Annual Show: We have contracted with the Pasadena Convention Center for March 8-9, 2014 for the show. Sandy Christiansen has been appointed to be the Vendor Coordinator. The date for the show has been communicated to Rock'n Gems magazine.
- Workshops: A beading workshop is planned for Saturday, June 1, 2013. Those wishing to attend should contact Sara as only a limited number of participants can be accommodated. Fees for attendance are \$10 for members and \$20 for non-members. It was also announced that a cabochon workshop would be conducted on Saturday Sept. 14 under the leadership of Jim Wines.

Other Business: Bob Brock spoke about the need to update and disseminate our financial internal controls, particularly since the club would be using debit cards for certain purchases. Sara indicated that the constitution committee would develop suitable control policies. Sara also asked for volunteers to help with key entering name and address information from the door prize stubs submitted at the 2013 show. An experienced spreadsheet volunteer then offered to complete all remaining data entry.

Door Prizes were then drawn and refreshments taken before the presentation for the evening.

Our presenter was George Wolf who has been collecting sea beans for over 30 years. George brought a collection of displays of sea beans and of other items which he collected from beach combing. He has over 90 varieties of sea beans and a large number of books from which he has been able to identify each variety. His collection includes a number of fruits, gourds, and seed pods which originated in Africa and

South America. These items wash down to the ocean in rivers, then float with the currents, sometimes for years, until deposited on distant shores. George initially started collecting sea beans as a means of keeping his children occupied when at the beach. He described his preferred methods of sea bean seeking behavior and noted the advantages of having children assist since they are closer to the earth and tend to have excellent vision. Sea beans tend to be most prevalent at times when seaweeds are also coming ashore. Among his other finds are many varieties of egg cases from rays and large fish, dead turtles, whale bones, sharks teeth, and volcanic pumice. George recommends using mineral oil to bring out the color and to help preserve your sea beans.

Mr. Wolf's very interesting presentation was much appreciated.

The meeting was then adjourned at 8:50 pm.

Respectfully submitted,
Ben Duggar
Secretary, Pro Tem

MINUTES OF THE MAY 15, 2013 BOARD MEETING

The meeting was opened at 7:15 pm. An agenda had been distributed prior to the meeting. Attending were the following officers and directors:

Sara Chelette	
Ben Duggar	Bobbie LeFebvre
Trina Willoughby	Jim Wines

Sara confirmed Annabel Brownfield's resignation from the role of President and succeeded as President. Sara then called for nominations for Officer and Director vacancies of Vice President, Secretary and Editor. Bobbie was nominated for Vice President and all present agreed. The duties of officers and directors as listed in the constitution were reviewed along with communication standards. The primary duty of an officer or director of the club is to represent the club to the members and the public in a positive manner. An independent email distribution list was recommended but not decided. A 2014 Budget Committee was formed with Bobbie as the chair and Jim and Trina volunteered to join the committee. Sara will continue to chair the Constitution committee and called for nominations this committee.

Trina provided a brief show update. The convention center contract was sent to the PO box. They require 25% down to hold the date, 50% at six months from the event and then a 50% security deposit 30 days before the event. The vendor contracts were still being updated and Trina conveyed a sense of urgency to begin sending them out to the vendors.

The meeting was then adjourned at 8:30 pm.

Respectfully submitted,
Sara Chelette on behalf of the Secretary Pro Tem

June Birthstones

June counts three gems as birthstones, pearl, Alexandrite, and moonstone.



Pearl

Historically, pearls have been used as an adornment for centuries. They were one of the favorite gem materials of the Roman Empire; later in Tudor England, the 1500s were known as *the pearl age*. Pearls are unique as they are the only gems from living sea creatures and require no faceting or polishing to reveal their natural beauty. In the early 1900s, the first successful commercial culturing of round saltwater pearls began. Since the 1920s, cultured pearls have almost completely replaced natural pearls in the market.

Alexandrite

A relatively modern gem, *Alexandrite*, was first discovered in Russia in 1831 during the reign of its namesake, Czar Alexander II, and is an extremely rare chrysoberyl with chameleon-like qualities. Its color is a lovely green in both daylight and fluorescent light; it changes color to a purplish red in incandescent light. Due to its rarity, some jewelers stock synthetic versions of this enchanting gemstone. (Synthetic gemstones are man-made alternatives to the natural material, possessing the same physical, optical, and chemical properties as the natural gemstone.)



Moonstone

The third birthstone for June is the *Moonstone*. It was given its name by the Roman natural historian Pliny, who wrote that moonstone's appearance altered with the phases of the moon — a belief that held until well after the sixteenth century. A phenomenal gemstone, moonstones show a floating play of light (called *adularescence*) and sometimes show either a multirayed star or a cat's eye. Considered a sacred stone in India, moonstones often are displayed on a background of yellow (a sacred color) and are believed to encapsulate within the stone a spirit whose purpose is to bring good fortune. Part of the family of minerals called *feldspar*, moonstone occurs in many igneous and metamorphic rocks and comes in a variety of colors such as green, blue, peach, and champagne. The most prized moonstones are from Sri Lanka; India, Australia, the United States, Myanmar, and Madagascar are also sources.

- See more at: <http://www.americangemsociety.org/june-birthstones#sthash.cPc8BnvE.dpuf>

WORKSHOPS

On Saturday, June 1, 2013, we sponsored a beading workshop. Nine people attended the workshop and created their own bracelet and a set of earrings or a necklace. All supplies and beads were provided along with snacks, laughter and instruction. A good time was had by all.

The next workshop will be held on Saturday, September 14, 2013. Jim Wines will teach registrants how to make a cabochon. More details will follow.

Clear Lake Gem & Mineral Society Scholarship Program

Purpose: To fund courses in Geology, Mineralogy, Geophysics or Paleontology at any accredited university or college as part of a course of studies in Earth Sciences.

Amount: \$1000.00 each. The number of scholarships will normally be two (2) each year. Additional scholarships may be determined by the Board of Directors based on the funds available.

The awards will take place at the **July** General meeting on July 15, 2013. This year's scholarship winners are:

Charles Campise

I am finishing my second year at San Jacinto College. I graduated from Clear Lake High School. My love for geology and science started whenever I was young. I read dinosaur books and dug up rocks in my backyard. The natural sciences have always intrigued me. The opportunity to participate in the Science Magnet Program at Seabrook Intermediate School was my first real immersion into the world of science. Science fairs and field trips ignited a passion in me for science. I plan on majoring in geology and ultimately would like to study seismology. I have always been fascinated by earthquakes.

I am currently waiting for the final decision at my first college choice.

Hunter Berry

Growing up in the Houston area, the "Energy Capital of the World", I realized at an early age that a career in the energy industry was the best choice for me. I attended San Jacinto College's Energy Venture summer camp several years ago and was introduced to many exciting careers in the energy field. Taking advantage of all the wonderful career choices and unique opportunities in the energy industry in my own backyard just seemed like a natural and smart decision to make. Math and science have always been my favorite subjects, so throughout high school, I took the most challenging classes that were offered, knowing that a strong background in those areas would serve me well. In addition to my academic classes, I played football and baseball for my high school teams, worked part time, and fostered my love for the outdoors as an avid hunter and fisherman. Preparing for a career in the energy industry was easy, but deciding which career path to take proved more difficult for me.

During my last semester of high school, I was accepted to Texas A&M University, but was not able to attend due to financial reasons. I started at San Jacinto College the next semester and have to admit that at first, I was upset about having to stay home instead of going off to Texas A&M. With the intention of preparing for an engineering degree, I took my basic classes, but became more and more undecided about what I wanted to do with my life. Petroleum geology was a field that I had first learned about during my summer camp at San Jacinto College, and after talking to a college counselor, I decided to take a geology course. From my very first class, I was hooked on geology! Geology wasn't a course offered at my high school, so each lesson taught me something new, different, and exciting. After taking several field trips and tours with my fellow SJC students to the Weiss Energy Hall at the Houston Museum of Natural Science and the College of Geosciences at Texas A&M, I knew that I had finally found the ideal career path for me.

I am about to finish my last semester at SJC and was thrilled when I recently received my acceptance letter from Texas A&M to the College of Geosciences. My immediate goal is to receive my Bachelor of Science degree in Geology from Texas A&M University. Since petroleum geologists' duties include not only studying core samples and locating fuels, but analyzing extensive amounts of data and determining effective extraction methods, a Master's degree is a necessity. I plan to continue my education and earn a Master of Science in Geology with an emphasis in petroleum geology.

Looking back, I now know that attending San Jacinto College was the best thing I could have done. I received an excellent education and have had wonderful teachers who have shown a sincere interest in my future goals. My geology professors in particular have guided me and truly inspired me to continue my studies in geosciences. I am so excited about my future and achieving my ultimate goal of becoming a petroleum geologist.

PRESIDENT'S MESSAGE



The Clear Lake Gem & Mineral Society was created to promote education and popular interest in the various earth sciences. We cannot do this without members with an interest in rocks, minerals, fossils, faceting, lapidary, and/or jewelry making. Members have access to a library of books, videos and DVDs, in addition to lapidary equipment, field trips, guest speakers, workshops and more.

I charge each of you to talk to your friends, family and co-workers and encourage them to join us.

Bobbie LeFebvre, our Publicity Director, is really spreading the word about Clear Lake Gem & Mineral Society. This past month she has visited several schools and reached nearly 3000 students, kindergarten through 4th grade. She presented each student with a rock specimen and club brochure with a membership application for the parents. Her presentations included an erupting volcano and demonstrations of fluorescent rocks under a black light.

As members, we also need to step up and volunteer to help the club meet its obligations. The 2013 annual show was a success because of volunteers. Now is the time to volunteer for one of the vacant positions in the club leadership. You have great ideas that would make this club even better. Please share those ideas with us!

Sara Chelette
President, CLGMS

SCFMS and MEMBER CLUB GEM SHOWS			
August 10-11 Baton Rouge, LA Baton Rouge Gem & Mineral Society, Bossier City Civic Center	August 17-18 Bossier City, LA SCFMS Convention & Show Ark-La-Tex Gem & Mineral Society, Bossier City Civic Center	August 24-25 Jasper, TX Pine Country Gem & Mineral Society, Events Center	September 14-15 Arlington, TX Arlington Gem & Mineral Society, 1010 Event Center
November 8-10 Humble, TX Houston Gem & Mineral Society, Humble Civic Center	March 8-9, 2014 Pasadena, TX Clear Lake Gem & Mineral Society, Pasadena Convention Center		

STONE STATEMENTS
 Clear Lake Gem and Mineral Society, Inc
 PO BOX 891533
 Houston, Texas 77289

(Postage)

Meeting 3rd Monday of the Month
 7:30 P.M.
 Clear Lake Park Building
 5001 NASA Road One, Seabrook, Texas



Member of:

Next Annual Show
 March 8-9, 2014
 Pasadena Convention Center



CLGMS is on the Web:
<http://www.clgms.org>
<https://www.facebook.com/pages/Clear-Lake-Gem-Mineral-Society/612663482095512>

Clear Lake Gem and Mineral Society, Inc			
MEMBER: American Federation of Mineralogical Societies and South Central Federation of Mineral Societies			
PURPOSE: To promote education and popular interest in the various earth sciences; in particular in those hobbies dealing with the art of lapidaries and the earth sciences of minerals, fossils and their associated fields.			
2013 OFFICERS:	President	Sara Chelette	281-286-1195
	Vice President	Bobbie LeFebvre	409-998-3002
	Secretary	Ben Duggar (Pro Tem)	281-316-6710
	Treasurer	Trina Willoughby	281-218-0976
	Program Director	Ed Tindell	281-415-7184
	Board of Directors:	Ed Tindell	Jim Wines
		Shannon Oliver	
	Newsletter Editor	Sara Chelette (Pro Tem)	
Annual Show 2014 Vendor Coord.....	Sandy Christiansen	Library.....	Shannon Oliver
Const & bylaws.....	Sara Chelette	Membership.....	Mike Flannigan
Community Benefits.....	Nancy Duggar	Publisher.....	Mike Flannigan
Historian.....	David Tjiok	Refreshments.....	David Tjiok
Publicity.....	Bobbie LeFebvre	Education/Field Trips.....	Ed Tindell
Membership Dues Jan. to Dec. 2013: Adult \$10:00, \$5.00 per additional adult at same address, Junior \$5.00, \$2.50 per member with adult at same address, Family Dues \$20.00 (4+) at same address. Send Dues to CLGMS, PO BOX 891533, Houston, TX, 77289			
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