

Lithosphere

Volume XVII, Number 7

Fallbrook, California

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Liz Yamaguchi

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Display Advertising rates for the *Lithosphere* a publication of the Fallbrook Gem and Mineral Society:

Full page, 7"x4.5" = \$120.00 for 10 months, or \$14.00 per issue.
 Half-page, horizontal 3.5"x4.5" = \$60.00 for 10 months, or \$7.00 per issue
 Half-page, vertical 2.25"x7" = \$60 for 10 months, or \$7.00 per issue.
 Quarter-page horizontal 3.5"x2.25" = \$30 for 10 months, or \$3.50 per issue.
 Eighth-page horizontal 1.25"x4.5" = \$15 for 10 months, or \$1.75 per issue.
 All display advertising must be paid for in advance. All

advertising in the *Lithosphere* must be related to the educational focus of the Fallbrook Gem and Mineral Society and its publication the *Lithosphere*.

Deadline for all advertising is the 15th of the month preceding the month of publication. The *Lithosphere* publishes monthly during the 10 month period between September and June. Classified advertising is free and is limited to text only. Classified ads will be placed on the classified ad page and run until notification is received from advertiser to cancel ad, or at the editor's discretion based on space available. Editor reserves the right to edit all classified ads to fit the space available. Cover photo from David Mitchell.

Contact the editor Patricia Hartman for more information at 760-723-6624 or email to gems@hitekdesigns.com. Or write to the editor at PO Box 1390, Bonsall, CA 92003.



Fallbrook Gem and Mineral Society, Inc.

September

2008

Lithosphere September 2008

FGMS SEPTEMBER 11, 2008 MEETING AT 6:00PM

CUTTING GARNET AND OTHER STONES

Meg Berry

With the arrival of our September meeting/potluck dinner can Football, Fall, and the Holidays (oh no!) be far off? To celebrate Fall (and our return from our summer break) we are having our usual potluck dinner and our own Meg Berry for our September 11th meeting. Meg, a world-famous gemstone cutter, will be showing us how she carved a stone that certainly has a fall-like orange hue, spessartine garnet, from a new source in Tanzania. She will also include her cutting of an emerald from the famous shipwreck of the Atocha and perhaps carving opal too! The potluck will be starting at an earlier 6:30 PM (see announcement in this bulletin).

Meg is a member of Fallbrook Gem & Mineral Society and is a free-lace gemstone cutter skilled in both faceting and carving. She was seen recently on the Travel Channel's popular show Cash and Treasures

Speaking of Tanzania, Brendan Laurs, Editor of Gems & Gemology Journal, recently visited this nation and will sharing with us images and commentary on that Tanzanian expedition for our October 9th meeting. And, if that's not enough, Robert Weldon, Manager of Photography & Visual Communications with GIA, has just came back from a trip to the Ametrine Quartz mine in Bolivia. He will be

reporting on the wondrous things he encountered at our November 13th meeting (more on these later).

With the talents of Meg, Brendan & Robert, I dare say we have a better Fall Line-Up than the major networks, so mark your calendars and plan to attend these outstanding programs!

Submitted by Michael T. Evans

Program Chair, Fallbrook Gem & Mineral Society



*This meeting is a
pot luck and will
start at 6:00 PM
Everyone please
bring a dish of any
kind to serve 6-8*

SUMMARY OF MINUTES OF BOARD MEETING JUNE 7, 2008 AT 10:04 AM

EXECUTIVE SESSION: Opened at 10:05 a.m. and closed at 10:25 a.m.

Secretary's Report: Given by Gina Palculich for Liz Yamaguchi

The Board reviewed the Minutes of May 03, 2008. (M) Erich Kern (S) Vanessa Jones to accept the minutes of May 03,

2008 Board of Directors Meeting as corrected. Motion approved.

TREASURER'S REPORT: Vanessa Jones reported that we received a grant from the Angel Society for \$1,500.00. Rally for Children \$500.00 to be used for a camera. Rotary, \$500.00 for plastic tables. Fleet grant is pending.

VICE PRESIDENT'S REPORT: Mary Fong-Walker was not present, no report was given.

Strategic Plan - A complete copy of the Strategic Plan was reviewed.

DIRECTORS' REPORTS

Public Programs – Bill Hollingsworth - Hot Summer Nights: We will open the museum and gift shop but not participate on the street activities. During the San Diego Fair we will not participate at all.

Facilities – Erich Kern will email Gina Palculich concerning changing light bulbs, skateboard bumps, varnishing benches and the motion detection lights. The lot has been cleaned of debris.

Education – Elizabeth Cheatham reported that Bonnie Parsley had a wire wrap class on May 17 with a total of 7 attendees. She is still calling members to be docents in the Museum. There will be new sign-in sheets for Garth for documenting student groups that visit our museum.

Development – Don Parsley reported that we received a \$1,500.00 grant for landscaping, to be partially used in the removal of the eucalyptus tree.

Member Services – Janice Bricker gave the names of new members. No field trips this month.

Museum - Garth Bricker stated that two classes had visited the museum.

New Business – A "Thank you" letter was received from Arts in the Park for our participation. Information on Wine & "A Bite" Art Walk received and discussed for September 20th.

(M) was made by Bill Hollingsworth that the budget be increased through reserve funds; not to exceed \$2,500.00 to hire a moving company to move the 15 donated cabinets from San Francisco to our museum. (S) Erich Kern. Motion approved.

Announcements - Bill Hollingsworth is still working on the Bylaws and Operations Manuals. He has requested job descriptions from all Directors.

MINUTES OF BOARD MEETING JULY 5, 2008 AT 10:05 AM

EXECUTIVE SESSION: Opened at 10:10 a.m. and closed at 10:25 a.m.

Secretary's Report: Given by Gina Palculich for Liz Yamaguchi

The Board reviewed the Minutes of June 7th, 2008. (M) Janice Bricker (S) BJ Cheatham to accept the minutes of June 7th, 2008 Board of Directors Meeting, as corrected. Corrections: Page 3. After \$500 add .00. Motion approved. Mary Fong/Walker abstained.

Treasurer's Report. Vanessa Jones handed out the profit and loss statement for May.

The fair agreement with Volunteers for Minerals was reviewed. Board agreed to keep the current terms except add a paragraph with division of duties.

Vice-President's Report. Mary Fong/Walker reported that Gina Rawson will begin working on the paperwork with the County for the road closure for the Fall Festival. She also stated we now had a good roster of volunteers from the fair that we could use for the Fall Festival.

OLD BUSINESS

Litigation Update Gina handed out copies of an e-mail from David LaMarr where he resigned from membership in FGMS. (M) Janice Bricker (S) BJ Cheatham to accept David's resignation. Motion approved.

Parking Lot Trust Gina reported that she and Janice had attended the Parking Lot Trust meeting on June 13th which was mostly about plans for the Library to use portions of the parking lot during the construction of the new library.

Strategic Plan The Strategic Plan was read and minor corrections were noted. (M) Vanessa Jones (S) Don Parsley to accept the Strategic Plan as corrected. Motion approved.

DIRECTORS' REPORTS

Public Programs – Bill Hollingsworth "Art of the Earth" at the Art Center from Sept. 21st thru Oct.12th. Garth Bricker and Mark Mauthner will decide on displays. Gina and Janice attended the Revitalization meeting on June 19th and

reported to them our participation at the SD County Fair and the awards won by members.

Facilities – Erich Kern Erich had nothing new to report but Gina informed him of the main water break in front of the building. Mick Palculich, David Mitchell and Garth Bricker have been working to get it fixed. Fallbrook Equipment Rental has been very generous in loaning us needed equipment.

Education – Elizabeth Cheatham BJ sent an e-mail blast to get docent coverage for July and thanked Gina for her work getting docents in June. Mary suggested the museum be closed on the 4th of July weekends.

Development – Don Parsley Gina handed out copies of letter from the Legacy Foundation turning down our grant request.

Member Services – Janice Bricker Janice Bricker reported one new member, Lester Coates. Gina will be leading a field trip to the Western Center in Hemet on July 19th. Janice hasn't been able to meet with Patricia yet regarding the website.

Museum Garth Bricker was not present. No report given. Mary mentioned that Mark Mauthner had offered his "Slick and Slide" display (currently at the SD County Fair) for long-term loan to our museum.

New Business The storage cases from the California Academy of Science were received.

Gina attended the California Federation of Mineralogical Societies in Ventura on June 27th and 28th and is putting all the information in a binder.

Thank you letters were sent to all the volunteers who participated in the "Arts in the Park".

DRAFT

MINUTES OF BOARD MEETING AUGUST 2, 2008 AT 10:08 AM

Secretary's Report: The Board reviewed the Minutes of July 5th, 2008. (M) Elizabeth Cheatham (S) Erich Kern to accept the minutes of July 5th, 2008 Board of Directors Meeting. Motion approved.

Treasurer's Report: Vanessa Jones reviewed the profit and loss statement for June. Reported that we had received our new raffle license for 2008-2009. The Sales Tax for the 2nd Qtr 2008 had been reported and \$2,554.00 was paid. Net income for the 2008 San Diego County Fair booth was close to \$22,000. (M) Vanessa Jones (S) Erich Kern that \$10,000 be used to pay down the mortgage. Motion approved.

Vice President's Report: Mary was absent. Vanessa reported that Genco Printers was working on the postcard for the Fall Festival. Erich would start working on the insert for the Village News and make a reservation for the flyers to be included in the October 2nd issue. BJ would work with Diane Rose on an article to publish in the September 25th issue of The Village News that would feature pictures and information on the Fall Festival. It was decided that the raffle prizes would be moved to the Gift Shop tower and tickets would be left to sell in the Gift Shop. Janice will hand out tickets to club members that attend the MSSC

picnic, then at the September Club Meeting and then tickets would be mailed to all members who didn't have any already.

DIRECTORS' REPORTS

Public Programs – Bill Hollingsworth was absent. Vanessa reported that she attended the Revite Meeting on July 17th and gave a brief summary of highlights. Vanessa also reported that the Museum had been open for the "Taste of Fallbrook", July 25th. BJ will find a docent for the Museum for the "Off Road and Military" night on August 8th and for the "Wine and A Bite" event on September 20th. An article should be included in the September Lithosphere announcing our participation in the "Wine and A Bite" series. Mike Evans, Assistant Curator, reported that Meg Berry will be the speaker for the September meeting and Brendan Laurs would give a presentation in October about his recent trip to Tanzania.

Facilities – Erich Kern gave a report on maintenance work done in July, including recent work on the overhead lights in the FAVB rental space. Don Parsley reported that he met with FCDC and Don McDougal on August 1st and that they had agreed they would work on costs estimates for the lot development in 3 stages. Don also reported that he was working on the tree removal situation.

Education – Elizabeth Cheatham reported that she had kept working on the docent calendar. Janice reported that on July 16th Garth Bricker, Museum Curator, had been one of the speakers at an event at the Temecula Valley Museum. Vanessa reported that she was working on a new

calendar for the Beading Brigade. BJ reported that we were waiting for proof of enrollment from our scholarship recipient to give her the first check. (M) Erich Kern (S) Elizabeth Cheatham that the museum be closed during the San Diego County Fair. Discussion followed, motion was tabled. (M) Erich Kern (S) Elizabeth Cheatham that the Board Meeting in July be moved to the 2nd Saturday instead of the 1st because of the Fair. Motion approved.

Member Services - Janice Bricker reported one new member, Emily Byerly, a student. Janice sent Patricia Hartman, FGMS Webmaster, an e-mail requesting various changes to the FGMS website. BJ suggested that we might want to consider paying a professional to do our website and to design e-blasts about events.

Museum: Garth Bricker reported that our specimen from the Oceanview Mine, "Blue Boy", would be put on display in the Museum.

LIZ YAMAGUCHI

This is reprinted from the recent North County Times article by Betty Johnston. (Please see cover photo).

When Fallbrook Gem and Mineral Society members gather Sept. 11th for their first regular club meeting after their summer hiatus, a familiar face will be

missing. Society publicist Diane Rose says club member Elizabeth Yamaguchi died the morning of August 18th after a relatively brief illness.

Yamaguchi was the club's secretary for the last three years.

"Liz" Yamaguchi was one of the daughters of Fallbrook residents Gertrude and Walter Hughes, who were among Gem and Mineral Society's founders in 1957, according to stories in the North County Times. Married to botany professor Shogo Yamaguchi, who died in February, the couple relocated to Fallbrook after his retirement. Both were active in the community. In 2001, Shogo received the Fallbrook Land Conservancy's first "Gem of a Volunteer" award.

Liz served the society in many capacities, including publicity chairwoman in 2002. In 2006, she appeared before the Fallbrook Planning Group to talk about a street closure on Alvarado Street in front of the museum during the Avocado Festival. In 2007, she was part of a work crew that "dressed up" the museum building for the group's 50th anniversary. She also mounted an educational exhibit as art of the society's contribution to the San Diego County Fair.

Rose said the society is discussing ways to pay tribute to Yamaguchi. That will no doubt be a topic at the Sept. 11th meeting.

GARTH'S WORLD

Garth Bricker, FGMS Member and Museum Curator September 2008



In order to talk about the county fair booth I have to mention some facts about the Volunteers for Minerals. The FGMS Board of Directors voted some years back to make the Volunteers for Minerals a helping group that helps the FGMS get funds to do projects that are needed when funds aren't available. Both these groups are separate 501(C)3 non-profit organizations where no funds generated by either group can be used by an individual for personal gain. This is a legal requirement by the State of California and the Internal Revenue Service of the US Government. All money made has to go to a legal non-profit organization recognized by the state or the government. This is spelled out in the full by-laws of the Volunteers for Minerals.

The Volunteers for Minerals owns the rental of the fair booth and the FGMS owns the rocks and sales material. At a joint meeting of the FGMS and the Volunteers for Minerals Boards, it was decided to share the effort. The FGMS would put in the material and the Volunteers would man the booth. The overall administration of the booth was provided by the FGMS with a sum allocated to the VFM to pay the rental fee

and other expenses. This worked out well and all members spent many hours boxing, labeling, making jewelry and for the pre-opening went down to set up the tables, cases, lights, signs, and the rest of the time consuming details. Some put in their own case for the fair display and two cases were set up for the FGMS.

The Fair lasted 21 days and we had about 45 people working with 7 supervisors who spent the whole day since they knew how the system worked from previous experience. They worked on how things should be run long before the



VFM/FGMS 2008 San Diego County Fair Booth-Mike Evans and Diane.

fair started.

Greg Anderson, the Gem and Mineral general manager, kept an eye on us as being new at this and talked to several of us about how our workers were polite and working on answering the shoppers

questions. Greg said that a lot of people told him that our prices were very reasonable and this reflected well on the whole gems and minerals building. He will like to see us again next year.

It takes about a year to get prepared for a Del Mar Fair. We have to make hundreds of grab bags, many necklaces, many boxed minerals and labels. We will need many boxes of different minerals to mix up for their final colorful appeal in their final boxes. We will need 1-½ inch minerals, 2 inch and 2 ½ and 3 inch minerals and a number of larger pieces. If you have been a collector or someone gave you a big mass of minerals and crystals, think of us to help you find a place to put them. We can sell them at a lesser price than they can be sold at a mineral shop so kids have a better chance to acquire a better mineral for less. This is another reason Greg was happy with our booth. Kids could buy inexpensive minerals.

If we can get donations of minerals and put minerals into grab bags, we can cut down the cost. We have grab bag making day on Thursday at our building and the museum is open also on that day. This is a great way for a beginner to learn about minerals where you handle the mineral and learn the name. Also, our Beading Brigade meets



VFM/FGMS 2008 San Diego County Fair Booth-

on the third Wednesday to make necklaces and they are great looking necklaces where you learn all the techniques to do the job. Just join the Fallbrook Gem and Mineral Society and you get to meet lots of good people and have fun making the necklaces.

Now to minerals: I have been involved with micro-minerals for many years. These minerals are best seen under a binocular microscope rather than a medical one-eyepiece microscope that generally magnifies many times the size. This gives you a three dimensional effect where images just stand out in space like seeing a 3D movie wearing special colored glasses.

The 'bi' nocular or two-eye piece microscope often is made to change magnification by twisting a knob near the lens. This gives you a smooth magnification change. If you try to get too much magnification you start fighting with the nature of lenses. The image gets fuzzier and you need a great amount of light and things get warmer.

Crystals can come as long as 15 feet or more or as short as an eye on a flea or shorter. Near the beginning of my micro interest I found two very small balls of different minerals. The first one was a ball made out of millions of tiny needle

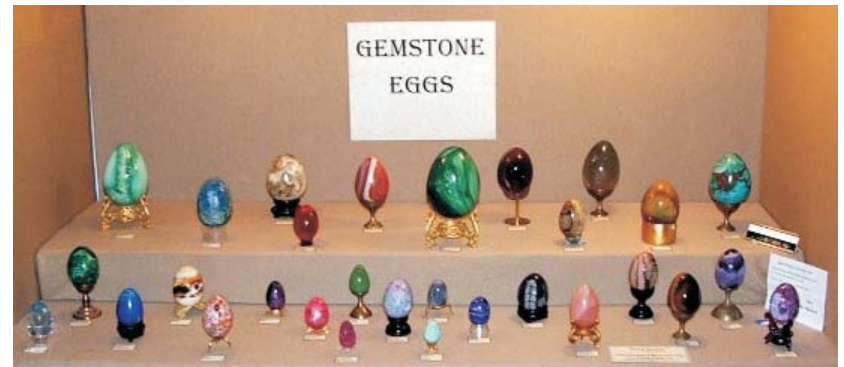
crystals. The whole thing you could see but not the individual needles. The second was a different ball but with no sign of minute crystals. These micros came from the famous Himalaya mine near Mesa Grande, California in San Diego County. This mine has had the largest tonnage of tourmaline of any mine on Earth and I live only 1 hr. and 20 away from it and I worked for the owner going to the mine each week in the summer for two years and then on an irregular basis. I collected tailings from the mine for the microscope.



SD Fair 2008 Mike Evans award



SD Fair 2008 Mike Evans exhibit, 1st place



SD Fair 2008 FGMS whole egg case 1st prize

New Members

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San Diego, CA 92128
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shields6@ix.netcom.com

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SD Fair 2008 FGMS egg case 1st prize.

FOR SALE

**LOTS OF TREES FOR SALE.
QUEEN, BUTIA, SAGO AND
OTHERS.**

Big discounts for quantity orders and discounts to the members of the Fallbrook Gem & Mineral Society. 10% of all sales will be donated to the Gem & Mineral Society.

Call Unawweep Tree Farm
760/726-5878, located near Live Oak Park.

Equipment for sale

We would like to have you notify your members and, or publish in your bulletin the following surplus equipment that the Fallbrook Gem and Mineral Society has for sale.

Ultra Tec faceting machine, model V2, RH. Cost new \$3380.00. Needs drip tank \$48.00, dops \$51.00, transfer fixture \$235.00, 45 deg adapter \$125.00, and dial indicator \$212.00. Used value is \$2700.00. Works good. Sell for \$1750.00 obo.

Polishing unit with lights and blower. 32" long, 10" high, 21" deep. New cost estimated at \$500.00. Works good. Sell for \$300.00 obo..

Mini-Sonic tumbler. Model MT-10, double tumblers. Serial number 0727.

Works good. New cost \$475.00. Sell for \$300.00 obo.

Lapidary unit. With 10" diamond saw, five each 6" diamond wheels and 8 " buffer. Complete withstand. Works good. New cost estimated at \$1750.00. Sell for \$800.00 obo.

Rolling Mill, heavy duty. Estimated new cost at \$475.00. Works good. Sell for \$250.00 obo.

Raytech 10" diamond saw with stand. Type L-10S. Cost new \$1360.00. Works good. Sell for \$900.00 obo.

Contact Don Parsley at 951 600-4890 or e-mail at bonnieparsley@ca.rr.com
Pictures available

Sincerely, Don Parsley, FGMS Director

West Coast Fall GEM & MINERAL SHOW

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September

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6 Board Meeting 10:00 – 12:30
7	8	9	10	11 Gem & Mineral Meeting Pot Luck 6:00PM	12	13 Workshop 9:30 am – 1:00pm Potluck Lunch 1:00 pm
14 Workshop 9:30 am-1:00 pm Pot luck lunch 1:00 pm	15	16	17	18	19	20 Wine and a Bite Art Walk 5:00- 7:00 pm
21	22	23 Beginning Beading Brigade 6:00 pm – 9:00pm	24 Beading Brigade 10:00am – 4:00 pm	25	26	27
28	29	30				

2008

October

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4 Board Meeting 10:00 – 12:30
5 Fall Festival of Gems & Minerals 9:00am-4:00pm	6	7	8	9 Gem & Mineral Meeting Pot Luck 6:00PM	10	11 Workshop 9:30 am – 1:00pm Potluck Lunch 1:00 pm
12 Workshop 9:30 am-1:00 pm Pot luck lunch 1:00 pm	13	14	15	16	17	18
19	20	21 Beginning Beading Brigade 6:00 pm – 9:00pm	22 Beading Brigade 10:00am – 4:00 pm	23	24	25
26	27	28	29	30	31	

2008

Legal Information

The Fallbrook Gem and Mineral Society is a §501(c)(3), non-profit, educational and recreational organization dedicated to promote the study of mineralogy and allied earth sciences; to study and practice the art of lapidary; and to promote good fellowship.

Regular meetings are held at 7:00 pm on the second Thursday of each month, except February (generally the third Thursday) and July and August (no meetings), at 123 W. Alvarado St. The public is invited to attend our museum located at 123 W. Alvarado. The museum is open Thurs., Fri., and Sat. 11am to 3pm and during special events in the downtown area or by appointment. Annual dues are \$25 for adults, \$20 for each additional adult in the same household; \$6 per child to age 17. The initiation fee is \$6 per person. Membership fees must be submitted along with an application, obtainable from the Society or its web site.

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Lithosphere is published monthly (except July and August) and is sent to all members of the Fallbrook Gem and Mineral Society as part of their membership.

Exchanges: Free reciprocal exchanges for the bulletins of other gem and mineral societies are welcomed. **Please send all exchange bulletins to the FGMS Office.**

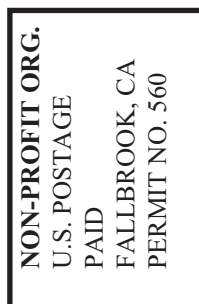
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Contributions: Submissions (articles, letters, notes, announcements, photographs, etc.) are **actively** solicited from FGMS members. Submissions from non-members may be included at the discretion of the Editor. Copyrighted material submitted for publication must be accompanied with a written release from the copyright holder. Original, personally-written articles will be published with a copyright notice in the author's name **if requested**; otherwise all submissions will be published without individual copyright. No anonymous submissions will be considered; however, the submitter's name may be withheld, or a pseudonym used, upon request. All material is subject to editing. Unless previously arranged, all submissions become the property of the Fallbrook Gem and Mineral Society. Send all submissions to the Editors.

Deadline: The deadline for all submitted material is the 20th of the month prior to publication. Allow extra time if line drawings or photographs are submitted. **Editor: Patricia Hartman**, PO Box 1390, Bonsall, CA 92003. Email address: patricia@hitekdesigns.com

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