

Lithosphere

Volume XIII, Number 8

Fallbrook, California



Fallbrook Gem and Mineral Society, Inc.



October 2005

Fallbrook Gem and Mineral Society, Inc.
 123 W. Alvarado Street Suite B, Fallbrook, CA 92028
 760-728-1130 and 760-723-1728 — fgms@sbcglobal.net
<http://www.fgms.org/>

2005 Officers

President	Gina Palculich	(760) 728-2196
Vice President	Alec Conley	(760) 451-1732
Secretary	Liz Yamaguchi	(760) 728-7233
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Director	Laurie Kern	(951) 698-7950
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Director	Janice Bricker	(760) 728-1333

Committee Chairpersons

Museum Org. Director	Cal Graeber	(760) 723-9292
Museum Curator	Garth Bricker	(760) 728-1333
Assistant Curator	Mike Evans	(760) 414-9722

Editor

Sally Larsen 661-861-9102

Federation Dir.

John Frey 909-677-4043

Fund Raising Chair.

Kerith Graeber 760-723-9292

Programs

Mike Evans 760-414-9722

Membership/Refreshments

Janice Bricker 760-728-1333

Hospitality

Laura Coleman 760-723-0448

Meredith Coon 951-600-1184

Publicity

Anne Ondraka 269-429-1978

Education

Garth Bricker 760-728-1333

Field Trips

Lea Barton 760-728-8462

Historian

Laura Coleman 760-723-0448

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Full page, 7"x4.5" = \$120.00 for 10 months, or \$14.00 per issue.

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Quarter-page horizontal 3.5"x2.25" = \$30 for 10 months, or \$3.50 per issue.

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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 20th 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.

Contact the editor Sally Larsen for more information at 760-728-9065 or slarsen@tfb.com. Or write to the editor at 3020 N. Inyo St., Bakersfield, CA 93305.

Inside the Lithosphere

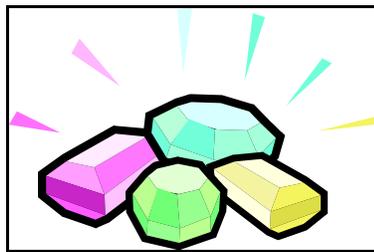
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Lithosphere

October 2005

October 13th Meeting

Comparing Color and Clarity Worldwide



Guest speaker Gabriél Mattice who works in Fallbrook at *The Collector* for Pala International will give a presentation on the color, clarity, and other characteristics of gemstones. She will draw comparisons of these features in gems from around the world.

Gabriél is a gemologist and has worked at *The Collector* for over 15 years. She has been a consultant, with Bill Larson, for Swarovski to help set up Burmese contacts for their cutting plant in Rangoon. Her interests are worldwide.

The FGMS October 13 meeting will begin at 7:30 p.m. at 123 W. Alvarado Street in Fallbrook. A business meeting will precede the program. Refreshments will be provided by **Janice Bricker** and **Gina Palculich**. An opportunity drawing will be held after the program, and a sales table will be open.

Newcomers are always welcome. For more information call (760) 728-1130.

September Meeting Summary

Elizabeth Yamaguchi Secretary

After enjoying the Pot Luck dinner, club members decided that beginning in January, business meetings would start at 7:00 p.m., with the speaker scheduled to begin at 7:30 p.m.. President Gina Palculich described summer activities, including the Fair, where members won 15 Firsts, 18 Seconds & Thirds and three Awards of Merit. Treasurer, Vanessa Jones reported \$40,368 in the bank, of which more than \$16,000 is allocated. Gina reminded all of our new e-mail address: fgms@sbcglobal.net and asked for updated e-mails from members.

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FGMS Club Calendar

October 2005

First Saturday: Board meets at 10:00 a.m. at 123 W. Alvarado St.

Second Saturday: Work party 10 a.m., 123 W. Alvarado St.

Oct. 2: Fall Festival of Gems, 10 a.m.-4 p.m., Alvarado Street

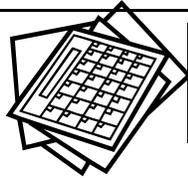
Oct. 6: Volunteer for Minerals meet 10 a.m., Alvarado Museum.

Oct. 8-9: Trona Field Trip, see Sept. *Lithosphere* for details.

Oct. 13: Volunteers for Minerals annual meeting, 10 a.m., Alvarado Street Museum.

Tues., Thurs., Fri.: Museum at 123 W. Alvarado open 11 a.m.-3 p.m.

Thurs. & Sun.: Rocky Crest Museum open 1-4 p.m.



FGMS Event Calendar 2005

February Tucson Show Display 10-13th.	March Rummage Sale, 5th.	April Avocado Festival 17th. Arts in the Park 24th.	May 49er Frolic 22nd.	June FGMS Pie Night-Silent Auction 9th SD CO. Fair 10th-30th Hot Summer Nights, 24th
July/Aug. SD CO. Fair 7/1-7/5 Hot Summer Nights, Chili Cook off 26th.	September	October Fall Festival of Gems 2nd.	November Rummage Sale Nov. 12 Alvarado Museum	December Christmas Parade, 3rd. Meeting, Silent Auction Dec. 8th.

Summaries from page 1

Three work parties have been held at Alvarado St., with fun learning experiences, food and fellowship. The Alvarado St. Museum is now open on Friday in addition to Tuesday & Thursday. **A rummage sale will be held here on Saturday, November 12. You can bring your rummage to Alvarado St. beginning at noon on Tuesday, November 8.** Space has been rented at Brandon St. so that we can move our containers from Rocky Crest by November 15. Fall Festival activities were updated. Field Trip Chair, Lea Barton, announced the trip to Trona for October 8 & 9 (see Sept. *Lithosphere* for details). As secretary of Volunteers for Minerals (the FGMS Friends organization), she invited everyone to its annual meeting to be held Thursday, October 13 at 10:00 a.m. here at Alvarado Street. Volunteers for Minerals make grab bags to sell at the Fair and their work parties are a good time to learn about minerals and meet people. John Watson's enjoyable presentation provided a history of the Tucson Show's beginnings, including early pictures of FGMS members. His pictures of displays and mineral specimens were spectacular. He first presented this Power Point slide

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Costa Mesa - Fall

WEST COAST GEM & MINERAL SHOW

Holiday Inn - Costa Mesa • Bristol Plaza • 3131 S. Bristol St.
"Just south of 405 Fwy at Bristol St."

NOV. 11 - 12 - 13, 2005

Top Quality Dealers From Around the World!

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Meteorites • *and so much more!*

FREE Admission • Open to the Public
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Martin Zinn Expositions, L.L.C., P.O. Box 665, Bernalillo, NM 87004
Fax: (505) 867-0073, email: mz0955@aol.com, website: www.mzexpos.com





Garth's World

*Garth Bricker FGMS Member and
Museum Curator*

Our museum is progressing continually. This week the long delayed cement people poured the east edge next to the fence to make the flat landing area big enough to put up a 10' x 10' canopy for the October 2nd Street Fair. Mick Palculich will have the geode cracking there. It wasn't big enough for the 10' x 10' or the 8' x 12'. Now it will fit either one because the dirt area near the first door is filled in along with finishing the step over to the wall for a safety measure. There is no bench on the east side now' and the area does not drop off because they finished the cement right to the east wall with a little depression for the water from our back part to run off. We had a four-inch pipe buried to take the runoff from the roof, and send it toward the inclined driveway. It will connect when the next cement phase is done. The last phase will fill in the lower level just above the inclined driveway.

On top of this cement we'll place the ore car and a big boulder of petrified wood. We'll have to figure the best way to secure the ore car in the cement. We hope the fence company puts in the railings before the street fair

and the rain downspout company will have installed the drain from the roof. This was all be financed by a grant from the County using TOT funds.

As soon as Dick Mayer gets back from New Jersey he will install the sloping pipe to drain off the water from the half of the roof that drains the part of the building we use. There is a cement block spine that separates the half of the building that we use from the part that *Shape* rents from us. This spine has leaked since the building was built in 1940. It is easy to see from all the rust, stains, and destruction of the original plaster ceiling. We will be looking for help to finance the roof work and drain work in the wall. It will be so nice to defeat a 65-year-old water leak problem.

Gina Palculich, our president this year and hopefully next, has met with Pam Bruder, who was the financial pusher behind the San Diego Natural History Museum getting funding for their big expansion a couple years ago. Pam is helping us with our big picture of how to run a museum. Gina is having meetings to organize the board so each year the board members will be responsi-

ble for how the Society functions in their assigned areas. They will know what has to be done, and when it has to be done, and get volunteers to do the task. The master plan will be made and the president will ask the directors how their work is coming and no important task will be forgotten and not done.

We had a problem for a couple of years with the IRS expecting us to pay a certain tax that we thought wasn't due them, so the IRS just kept adding a penalty until it got to about \$4,500. When our treasurer died Gina Palculich took over the books, and later Vanessa Jones became new treasurer, and with the help of an exceedingly knowledgeable Mr. Levering, was able to work it out. The IRS took into account what had happened, and gave us a once only cancellation of the penalty tax. With Gina's new, more transparent look at all our business we should do better at being a business along with being a mineral loving group.

This seems to be a monthly report of what is happening, with little said about our minerals. So to continue, we have been asked to remove our three containers from the Historical Museum property because they are going to build a barn where the containers sit now. We have until the 15th of November to move them. The containers are full of rocks

and stuff relating to our work.

The contents of the containers will be put into a 10' x 20' storage space once we put it all into a compactor so it will fit. We will need volunteers and workdays to help with the sorting and boxing and moving. Henry Vogt will continue to help us with the bulk rock for grab bags.

Karen and Mike Dawes are moving to Oakhurst, CA very soon, and have sold a lot of their minerals. The unsold pieces and boxes they brought to the museum for us to sell at the Oct. 2nd. Street Fair.

Janice and I went to Montana during the summer because Bryant Harris, formerly of Bryant's Welding in Fallbrook, asked us to take a whole pile of minerals away from his home in Missoula so he wouldn't have to move them to Butte (where he is moving to). These are mostly Montana minerals that he has dug in the years he has been in Montana. He gave us some fine barites and a large quantity of quartz crystals that you will see at the Street Fair.

On our way up to Montana we stopped at Janice's cousin's place in Grand Junction, CO and I spent a day trying to find my way back to the colorless, long prisms of barite that I had dug in the 1970's, I looked for a way into the Book Cliffs. You could look right over to them and I looked

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and drove, and looked and drove, and there was no way to get to them. Either I have to blame poor memory or 35 years of building progress and freeways. I never found my way into the Book Cliffs and the nice barites.

We stopped in Ogden, Utah to visit my never before seen cousin. Her name has been in my memory for most of my life. She is the mother of four children, and one, Greg, is the chief financial officer of the Utah Geological Survey. We were invited to this state building and got to see a skeleton of a new to science dinosaur found in Utah recently. A fossil hunter had gone to where a dinosaur hadn't been found before, and found bones weathering out. He dug up an almost complete skeleton with claws and all. He was on government land and you know the laws. He started selling the parts, and before long the long arm of the law heard about it and had a talk with him. He showed them where the skeleton had come from and they showed him his personal jail cell. I don't think they named this dinosaur after the person who found it. For my part, it is very nice to find you are related to a person involved in rocks, minerals and fossils.

Ods|gdu|Htx|sp|hqw|iru|Vdd|dw|Ido|Ihw|yda|Rfw|5



Check out the lapidary equipment that FGMS will have on sale during the Fall festival. Here is a list of items: Unit with motor & two tapered arbors for buffing discs, steel casing open at the front with switches and lights, good condition; six-inch trim saw, Raytech, needs new blade. Ultra Tech faceting machine base & cabinet

all set for the head, comes with goose neck light, switches, drip container, shelves for storage of laps, motor, rubber water catcher, & screw clamp to hold diamond wheels; six-drawer cabinet, with lapidary equipment, misc. equipment, and books on lapidary techniques. Star Diamond unit, with two carborundum wheels and two sanding discs, polisher, and light, with cabinet and motors; Star Diamond trim saw, weights, rock clamp, motor, riveted, heavy gauge metal stand; two poly arbors, each end holds a sanding wheel three-four inches wide, good condition and very sturdy. Steel case with slanted opening. Call Alex Conley 760-451-1732 for more information. *Garth Bricker FGMS curator*

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show in Moscow in April of this year. The raffle was conducted last. Sign in at the next meeting and wear your nametag so you can participate in a special drawing.

September Board Meeting Summary

Elizabeth Yamaguchi Secretary

TOT '04 grant: Ray White is doing the patio improvements funded by the County. **Vintage Car grant:** Liz is developing a plan for moving to the Auditorium the tourmaline pocket made by Pete Bancroft of materials from the Tourmaline Queen mine in Pala. The concept is to make it the centerpiece of a display of our tourmaline specimens and mining history. **Fleet grant:** Our backyard plan will need a building permit; the laptop and projector have been purchased. **TOT '05 grant:** Ten display cases from MSSC are ready to be picked up. **Lot:** The Board approved having a professional survey done and recorded of all our property. Discussion of the lot involved proceeding without using the Pico Street easement and dividing the property into two equal parcels. Both parties will have first right of refusal. The parking area easement is reciprocal. Joe Ondraka and Liz Yamaguchi will attend the next FCDC meeting. **Elections:** Erich will Chair the Nominating Committee for elections in December.



"Volunteers" wins AFMS Award

FGMS member Meredith Coon has won an honorable mention in the AFMS contest for poetry writing

Poem in Honor of FGMS Volunteers

*Dashing to the Club...
to talk about rocks tonight,
Over the monies Starold will be...
looking for donations tonight.
Volunteers, Volunteers,
Volunteers all the way.
Oh what fun, we will have here
at the silent auction tonight!
Without all our volunteers...
We wouldn't get this right
Oh Al Rose come and talk to us
about our Field Trips tonight!*

*Volunteers, Volunteers,
Volunteers all the way.
Oh what fun, we will have here
at the silent auction tonight!
Journalines and aquamarines,
Make our spirits bright.
A big thank you goes out to all
our volunteers tonight
Volunteers,
Volunteers,
Volunteers all the way.*

Keep your Eyes Open !

by Keri Dearborn

Over the past few years, core drillings in glacial ice and tree rings have been proven accurate natural documentation of climate through history. Now, two researchers from the University of New Mexico have found another natural weather record, but this time it is mineral. Can you think of a mineral formation that is formed in rings like a tree?

If you guessed cave formations, you are absolutely right. Victor Polyak and Yemane Asmerom have found that the rings in stalagmites in Carlsbad Caverns provide a detailed record of precipitation from year to year. Wide calcite bands depict seasons with high moisture; more rain water percolating down through the limestone to drip onto the stalagmite and add to its growth. Thin bands, likewise, record drier periods and eventually drought. The exciting thing is that the record in Carlsbad Caverns goes back nearly 4,000 years.

Amazingly, it seems that no one ever thought of cave formations as a record of prehistoric climate before. As more caves and their formations are examined, the record of prehistoric climate may be vastly increased and cross-checked with other known records. Keep your eyes open, you may see something in a way that no one else has thought of before.

(from the *Pegmatite*, 1/03 via, *Del Air Bulletin* 03/02, via *Golden Spike News* 4/02)

Nose News

After decades of dinosaur reconstructions, scientists have come to the conclusion that the noses are in the wrong place. Typically, the nostrils of dinosaurs have been placed towards the back of the nasal opening in the skull and up, a practice which is thought to have started when it was believed that sauropods (Brontosaurus like dinosaurs) lived in water and would have had the nostrils as far up on the head as possible so the animal wouldn't have to stick its head out of water that far to breathe.

After studying living creatures' nasal passages, the revised picture is that dinosaur nostrils were toward the front of the head, near the mouth.
(from the *Pegmatite* 1/03, via *The Tumbler* 3/02, via *Golden Spike News* 4/02)



**NEWS & NOTES
FROM THE CFMS
Oct. 2005**

John Fry Director

The ANNUAL FALL BUSINESS MEETING and election of officers for 2006 will be held at the Quality Inn at 4278 West Ashlan Avenue, Fresno, CA on Saturday, November 12, 2005 at 9 a.m.

The Business meeting will be held on Saturday, November 12 at 9:00 a.m. in the banquet room behind the restaurant. All Club Federation Directors are requested to attend. Directors bring your copy of the Agenda you receive in the mail. Any CFMS club member may attend the meeting and are encouraged to do so, but only delegates may vote.

ROOM RESERVATIONS must be made directly with the Quality Inns at 4278 West Ashlan Avenue, Fresno. Phone 1-559-275-2727. Please make your reservations by November 1, 2005. Be sure to tell them you are with CFMS in order to get special rates. Our special rate is \$62.00, plus tax per night for two persons, with additional charges for three or more.

THE CRACKER BARREL SOCIAL will be held Friday night November 11, 2005 at 7:30 p.m. in the banquet room behind the hotel restaurant. Directors, please bring cookies,

fruit, or other healthy munchies. Societies A through M bring snacks to the Cracker Barrel on Friday evening and N through Z bring snacks to the Saturday Directors meeting.

BANQUET AND INSTALLATION OF 2006 OFFICERS - Our Saturday Evening Banquet will begin at 6:00 p.m. with a no-host bar and Get-together. Dinner will be served at 7:00 p.m. Cost is \$24.00 per person (includes tax and tip). Banquet reservations are due by Nov. 1, 2005. Mail your check (made out to CFMS) with dinner choice reservation to: CFMS, P.O. BOX 1657, Rialto, CA 92377-1657.

The Jurupa Mountains Cultural Center has a fine museum that is dedicated to earth science subjects. They recently acquired a collection of dinosaur eggs from Hunan Province in China that is reputed to be the largest collection of Chimneys dinosaur eggs in the United States. They also have a complete skeleton of a craptosaurus dinosaur on display. In addition to the above, they also have twelve displays of fossil animals, six displays of fossil plants, twelve displays of rocks and minerals, three displays of lapidary arts and seven displays of Native American crafts. Be sure to see the CFMS collection of petrified wood on display. Eighteen of the displays have very appropriate background paintings showing

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the environments of the displayed specimens. These paintings add tremendously to the effectiveness of the exhibits. There are many outreach programs at the Center, mostly aimed at young people. The Jurupa Mountains Cultural Center is open from Tuesday through Saturday from 9:00 a.m. to 4:00 p.m. except for holidays.

The California State Mining and Mineral Museum collection contains approximately 13,000 specimens. While they only have room to exhibit a couple hundred specimens at any one time, they rotate the specimens when they develop new exhibits.

Thanks to the generosity of the California State Mining and Mineral Museum Association (CSMMA), they have a small budget to purchase specimens for the collection. However, the growth of the collection is largely dependent on donations from mineral collectors.

When the museum became a State Park in 1999, they developed a collecting policy to guide purchases and donations to the collection. The collecting policy ensures that they remain a mining and mineral museum with a collection of minerals and mining artifacts.

If you have an item you would like to donate to the museum send a description of the item, including where the item is from (specimen locality or provenance of a historical artifact), how big the item is, and the history of the item, if known. Include at least one clear photograph of the item. If you would like more information about their collecting policy or donation process, please contact: Peggy Ronning, the museum's curator, P.O. Box 1192, Mariposa, CA 95338, or call (209) 742-7625. Email address: mineralcurator@sierratel.com

AFMS NEWS

The Rockhound Survey

by Carolyn Weinberger

There is always speculation, lament, comment, quessing, etc. about the status of our rockhounding hobby. Several months ago Tina Tuttle and Kreigh Tomaszewski decided to take a survey to try to discover who rockhounds are, their habits related to their geo-interest, and how they got involved in the hobby.

The results are now in and have been formulated into "Rockhounding: Portrait of a Passion". Sections of the report include "Portrait of a Collector", "How do people get interested in the hobby?", "Collecting habits", and "Implications".

The report is well worth reading and is available in pdf format in its entirety by visiting: www.Tomaszewski.net/Kreigh/Minerals/

Oct.-Nov. Show Calendar

- Oct. 14-16, Santa Rosa, CA - Gem Faire.** Sonoma County Fairgrounds, 1350 Bennett Valley Rd.
- Oct. 15, Sedona, AZ - Sedona Gem & Mineral Society.** 4th Annual Rock Sale & Show. Posse Grounds Park, off Hwy 89A.
- Oct. 15, West Hills, CA - Woodland Hills Rock Chippers.** Annual Show. First United Methodist Church, 22700 Sherman Way.
- Oct. 15-16, Amarillo, TX - Goldenspread Gem & Mineral Society.** 45th Annual Show. Amarillo
- Oct. 15-16, Anderson, CA - Shasta Gem & Mineral Society, Inc.** Gem & Mineral Show. Shasta District Fairgrounds. Alex Stoltz, 530-474-4400.
- Oct. 15-16, Long Beach, CA - Mineralogical Society of Southern California.** Gem & Mineral Show. Long Beach Convention & Entertainment Center, 300 E. Ocean Blvd.
- Oct. 15-16, Placerville, CA - El Dorado Mineral & Gem Society.** 22nd Annual Gem Show. El Dorado County Fairgrounds, 100 Placerville Dr. 10-5 daily.
- Oct. 15-16, Sierra Vista, AZ - Huachuca Mineral & Gem Club.** 31st Annual Show. Elks Lodge #2065, 1 Elks Ln. 15th, 9-6; 16th, 9-4. Larry Nelson, 520-459-5211,
- Oct. 15-16, Whittier, CA - Treasures of Rockhounding.** Whittier Community Center, 7630 Washington Ave. 10-5 daily. Jay Valle, 626-934-9764, jvalle@aqmd.gov.
- Oct. 21-23, Del Mar, CA - Gem Faire.** Del Mar Fairgrounds, Bing Crosby Hall, 2260 Jimmy Durante Blvd.
- Oct. 22-23, Whittier, CA - Whittier Gem & Mineral Society.** 56th Annual Treasures of Rockhounding. Whittier Community Center, 7630 Washington Ave.
- Oct. 28-30, Pleasanton, CA - Gem Faire.** Alameda County Fairgrounds, 4501 Pleasanton Ave.
- Nov. 4-6, Eureka, CA - Humboldt Gem & Mineral Society.** 51st Annual Gem and Mineral Show. Redwood Acres Fairgrounds, 3750 Harris St.
- Nov. 4-6, Scottsdale, AZ - United States Gold Refining Corporation.** Scottsdale Gem and Lapidary Show. Parada Expo & Convention Center, 7303 E. Earll Dr.
- Nov. 5, Midpines, CA - Mariposa Gem & Mineral Society.** Rock and Jewelry Show. Midpines Community Center
- Nov. 5-6, Concord, CA - Contra Mineral & Gem Society.** 46th Annual Gem and Mineral Show. Centre Concord, 5298 Clayton Rd. 10-5 daily. Bill McKay, 925-439-8195.
- Nov. 5-6, Ridgecrest, CA - Indian Wells Gem & Mineral Society, Inc.** Treasures of the Earth Show. Desert Empire Fairgrounds, Mesquite Hall, 520 S. Richmond Rd
- Nov. 5-6, San Diego, CA - Gem Diego.** 5440 Kearny Mesa Rd. 5th, 9:30-5; 6th, 10-4. Wayne Moorhead, 858-586-1637, waynem@san.rr.com
- Nov. 11-13, Costa Mesa, AZ - West Coast Gem and Mineral Show.** Holiday Inn, Bristol Plaza, 3131 S. Bristol. 11th & 12th, 10-6; 13th, 10-5. Martin Zinn Expositions, 505-867-0425, fax 505-867-0073, mz0955@aol.com, www.mzexpos.com.

FGMS Rummage Sale November 12

CLASSIFIED ADS

BUY—SELL—TRADE—WANTED—GIVEAWAYS



Unit with motor & two tapered arbors for buffing discs, steel casing open at the front with switches and lights, good condition; six-inch trim saw, Raytech, needs new blade. Ultra Tech faceting machine base & cabinet all set for the head, comes with goose neck light, switches, drip container, shelves for storage of laps, motor, rubber water catcher, & screw clamp to hold diamond wheels; six-drawer cabinet, with lapidary equipment, misc. equipment, and books on lapidary techniques. Star Diamond unit, with two carborundum wheels and two sanding discs, polisher, and light, with cabinet and motors; Star Diamond trim saw, weights, rock clamp, motor, riveted, heavy gage metal stand; two poly arbors, each end holds a sanding wheel three–four inches wide, good condition and very sturdy. Steel case with slanted opening. Call Alex Conley 760-451-1732 for more information.

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Support the Fallbrook Gem & Mineral Society

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<http://www.amazon.com/exec/obidos/redirect-home/fgms-20>

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Go to <http://www.fmgs.org>

Then select the link to the Store and click on this logo



Using this link will generate income for the Society
(and you don't have to be a member to help)

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 7:30 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 the corner of Rocky Crest Road and Hill Avenue in Fallbrook. Rocky Crest Museum hours are 1-4 p.m. Thursdays and Sundays, and by appointment with our curator. Museum at Alvarado is open Tues. and Thurs., 11 a.m. to 3 p.m. 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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Exchanges: Free reciprocal exchanges for the bulletins of other gem and mineral societies are welcomed. **Please send all exchange bulletins to the Editor.**

Disclaimer: The opinions and conclusions expressed in *Lithosphere* are those of the authors and do not necessarily represent those of the Officers, Editor, or members of the Society.

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: Sally Larsen; 3020 N. Inyo St., Bakersfield, CA 93305, slarsen2@bak.rr.com

Lithosphere Staff: Garth Bricker, John Frey, Janice Bricker

World Wide Web Site: <http://www.fgms.org/>—Webmaster Laurie Kern

Webmaster@fgms.org

Affiliations: California Federation of Mineralogical Societies and the American Federation of Mineralogical Societies.



Lithosphere
Fallbrook Gem and Mineral Society
Sally Larsen Editor
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