



Club Notes



General Meeting: Oct. 17th 2017

Those with the last name that begins with Q thru T please bring finger food for the meeting. General Meetings are the third Tuesday off the month at the church at 7:30 pm. You are invited and encouraged to attend!! There is a silent auction and door prizes at every meeting.

Next Board Meeting The meeting will be Oct. 10th 2017 at 7pm at the shop downstairs.

Next Show Meeting:

The next show meeting will be Tuesday October 5th at the shop at 7:30 PM



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MGSCV Petrograph October 2017
Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc.

This publication is the bulletin of the Mineral and Gem Society of Castro Valley, Inc., a member of the California Federation of Mineralogical Societies, Inc., the American Federation of Mineralogical Societies and the North Bay Field Trip Association.

Bulletin Submission Policy

Submission deadline is the second Friday following the General Meeting (normally the second Wednesday of the month.) Anonymous contributions will not be considered for publication in the Petrograph; however, if requested at the time of submission, the contributor's name can be withheld. Members are encouraged to submit articles that may be of interest to the general membership. The bulletin editor reserves the right to edit any submitted articles or omit any submission from publication. Source must be cited for material quoted from other authors. Permission to reprint Petrograph articles is hereby granted provided properly cited.

2015 MGSCV Officers

Elected

President - Bonnie Andrade	President@mgscv.org	
Vice President - Neil Delfino	VP@mgscv.org	
Secretary - Betty Milam	Secretary@mgscv.org	(510) 589-8858
Treasurer - Sheryl Cooper	Treasurer@mgscv.org	
1 st Year Director - Michelle Bennette	Director1@mgscv.org	
2 nd Year Director - Jodi Minshall	Director2@mgscv.org	
3 rd Year Director - Norm Hodgson	Director3@mgscv.org	
Federation Director - Mike McBride	Federation@mgscv.org	
Shop Manager - Beth Farmer	ShopManager@mgscv.org	
2014 Show Chairman - Cathy Miller	ShowChair@mgscv.org	
Membership - Tony Cooper	membership@mgscv.org	510-589-5292
Editor - Diana Cohoon	Editor@mgscv.org	925-3483000
Past President -	pastpresident@mgscv.org	

Appointed

Scholarship Chair - Mary Howell
Librarian - Mark Montgomery
Historian - Norm Hodgson

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Purchasing Agent - Beth Farmer

Education Coordinator - Shirley
Buschke

Field Trip Coordinator-Mike Cox

Mikecox.34ford@gmail.com

Parliamentarian -

Reception/Host - Jim Ewing

Sunshine Reporter - All members

Door Prizes - Bonnie Andrade

Web Master - Tony Cooper

webmaster@MGSCV.org



Publication Staff



✧Contributors: **Shirley Buschke, Betty Milam, Sheryl Cooper, Mike McBride, Beth Farmer**

BOARD MEETING

Sept. 12th 2017

By: **Betty Milam**

The meeting was called to order at 7:25 pm.

In attendance were **Beth Farmer, Bonnie Andrade, Cathy Miller, Mike McBride, Sheryl Cooper, Neil Delfino, Betty Milam, Tony Cooper (standby phone).**

September General Meeting Program: **Neil** explained the Program is titled 'Why is there blue in my brown Jasper'?

2018 Show: **Cathy** will choose the Pendant that will be raffled for the 2018 show. Tickets will be printed. **Beth** is recommending "Rita of Hayward" mobile food truck to be available at the show to feed the public and workers. Members are encouraged to attend the show meetings. We need all club members to work the Friday, Saturday and Sunday of the 2018 show which will be held March 2, 3 & 4. The 2018 show theme is **SMOKY QUARTZ**. Any

member with a sampling of smoky quartz is encouraged to display it at the show. See **Cathy Miller** for details.

Those exhibiting in a case must clearly label the displays. Those who do not comply will be replaced.

The next show meeting will be Tuesday, October 3.

Member Badges: **Bonnie** explained 'Rocky Five' is a business that makes the blue and yellow club member badges. **Beth** suggested purchasing the vinyl window stickers from Rocky Five and make them available for the membership to purchase.

Treasurer: It was moved and seconded to accept the May thru August 2017 Treasurer's Reports presented by **Sheryl Cooper**.

Minutes: The June 13th Board meeting minutes were approved as printed in the September Petrograph.

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CFMS: Mike will be presenting the CFMS article 'What is a 501c3 ?' to the membership at Tuesday's General meeting.

Mike plans to attend the CFMS Board meeting in November in Southern CA.

Shop Manager: Repairs to the equipment are being done. There has been some equipment donated to the shop. The vibrator has been put on wheels. If you use it, take it outside and clean it before you leave. We've received some school donations. The members need to clean up more than just a 'little' space. Before you leave, end your work and clean up - sweep floors - wipe tables - clean up.

New Business: The legal firm of the new property owner as of August 1st of the shop has notified the Board that the club is in violation because no permit was issued at the city of Hayward for the upstairs loft that was installed by members in 2001. The Board convened to closed session to discuss this issue.

A card will be available for signing for **Jerry Perko** who recently had a heart attack. The next show meeting will be Tuesday, October 3rd at 7pm at the shop. Meeting adjourned at 8:30 pm.

Program: GENERAL MEETING - Sept 19, 2017

Submitted by Betty Milam

President **Bonnie Andrade** called the meeting to order at 7:35 pm.

Minutes: The minutes of the June 20, '17 General meeting were approved as printed in the Petrograph.

Program - Neil Delfino's program: Why is there blue in my brown Jasper? Neil explained Jasper began life as a fine grain sediment that flowed downhill. The process of metamorphic reduction and oxidation compressed and cooked the plant and mineral chemicals in this sediment. The 1st stage of ferris oxidation is the color blue. The deposition of pre-Jasper liquidity is a gravity flow often found in braided stream beds flowing over bank clay. The blue clay is the organic matter. In the Jasperisation process the sediments are compressed and cook into a jasperoid. - when hot water migrates thru the rock. The jasperoid is plyable. In the final step in the process the rock compresses and becomes hard. Often the compression presents the soft mud to ooze out and it hardens into 'Chicken Track Jasper.' These can often be found in dry lake beds.

Jasper can present itself as Pictue Jasper - Wild horse Jasper - Succor Creak Jasper- Cripple Creek Jasper (which may be brown or blue) - Uyahee Jasper is a little brown rock found in the Mojave Desert where there had been volcanic activity. There is Bruno Jasper which is volcanic - Coyote Hills in Fremont has some red Jasper.

Visitor: **Bonnie** introduced a gentleman who is interested in rocks, looked on line, found our club and noted the meeting was being held tonight near his home.

CFMS: **Mike McBride** reported that the California Federation's newsletter has a good article regarding the 501c tax status for exempt organizations. It means any

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donation made to our club (it has the 501c status) allows the donor to claim the amount of their donation on their annual tax report.

Shop Report: **Beth** announced the shop will now be closed on Sunday afternoons, and will be open on Friday afternoons. All the parts for the saw have been received and it is ready to be reassembled. **Beth** is looking for helpers for this project. We're accepting wooden dowels 3/8 " and 1/2 ".

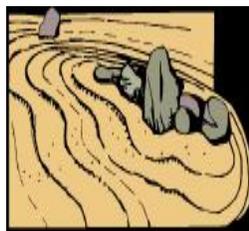
Reminder: Clean up after every session not just from what you've done, but take the broader view. Clean the shop before you leave.

Ben Knot (one of the show dealers) is having a big rock sale in his back yard in Fremont.

Show: **Cathy** said the Annual show will be held March 2,3,4 2018. The next show meeting will be held on Tuesday, October 3rd at 7pm at the shop. All are welcome to join us. **Smoky Quartz** is the theme of the show. All members are required to work the show and help with the set-up at the Newark Pavilion on the Monday thru Wednesday before the show. We now have set up during the evening hours before the show so that those who work in the day can fulfill the obligation to help with show set-up.

Drawing: **Sheryl** reported there are now 134 current members. Every member's name is in the bucket. The drawing this evening is for \$205. **Laura Pirott's** name was drawn but she was not present. Next month the drawing will be for \$210. The meeting closed at 8:50 pm

The next general meeting will be held Tuesday, October 17, 2017.



ROCK RUMBLES

By Shirley Buschke

ROCK RUMBLES Oct. 2017

At the recent meeting, Shop Boss **Beth** admonished members to clean up after ourselves. And sure enough, Wednesday AM **Lily Johnson** swept the whole floor of the shop. But nothing new here, she does it every week. What do the rest of you do? She did not find the clock second hand **Bill Luna** dropped even though we sifted through the debris.

Another globe trotter, does anyone stay home? **Lyle Schoeff** is off to Italy. He has been casting rings for his grandson. He also is checking out correct use of our burn out oven.

Horace Robertson's wife has been having health problems. Hope she is better soon, and our Sunday shop opener had a heart attack. **Gerry Perko** will be out for awhile, in the meantime **Norm Hodgson** will take over.

Beth has adopted another dog. This one is a little feistier than **Mocha**.

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Tiffany is featuring a sterling silver vase, a replica of a Campbell soup size can, in sterling silver for just \$1,000. Want two?

Excellent program again, **Neil Delfino** sure explains things clearly. I think he should do a lecture on **Geology** ! for us illiterates. He explained how blue stones became rusty and finally made sense to some of our chemistry days, "ous" and "ic". became clear. Something about valence.

Time to start thinking of Christmas presents. Recipients love jewelry, and donor's can sure save money. And we like to see you at the shop. Don't forget the auction case needs help. You can now deduct your contributions on your income tax. Be sure you get a statement. You might also check with your employer. Your contribution may make you eligible for matching funds from your employer to our club.

Did you know we have a kitty at the club meetings who would be happy to accept your donation. Coffee and cups cost money. If you enjoyed tea or coffee, kick in a buck. That is how much it costs at McDonalds. More at other cafes. And members have brought the goodies. **Neil** brought Jello and berries. Delicious. Thank these members.

Just finished a book, "Earth Colors" by **Sarah Andrews**. It has lots of geology in it. The story was so-so but lots of interesting geology. The hero must authenticate a painting. By analyzing the components of paint chips she can discover if these were paints available at the time the painting was done. She discusses

sources of ingredients of the paint ,might explain lead in paint, cause of some of the painters going mad. Some always sharpened their brushes in their mouth, thus ingesting lead, among other poisons.

Haven't seen **Susan Klas** at the shop for awhile. Is she off on another of her trips?

We hear **Neil Delfino** just about emptied the yard at the rock sale.

Thanksgiving Field Trip

Dick Pankey, Field Trip Leader

We had such a great time last year even with some rainy drizzle on Friday, so we will do it again this year. The Contra Costa M&GS is hosting a Field Trip to Black Butte Lake & Stony Creek on November 23 to 25, 2017. **Betty** and **I** enjoy spending Thanksgiving with rockhounds on a field trip. For many years the Mother Lode Mineral Society hosted Thanksgiving trips to the Mohave Desert area east of Barstow, but stopped a couple of years ago. Since we could not find a trip already planned for last year I decided to lead one myself. Black Butte Lake and Stony Creek as the perfect spot for this trip. It is 10 miles west of Orland, CA about 150miles north of Pittsburg. The area surrounding Black Butte Lake is well known for colorful jasper, and occasional chunks of agate and petrified wood. The jasper is found in a variety of colors and patterns of yellow, orange, red and green. This area is managed by the Army Corp of Engineers. We will be camping at the Buckhorn CG, no hook-ups. But there are restrooms with hot showers, toilets and water. Fee is

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\$20/night or \$10 with Golden Age Pass.
Motels in nearby Orland.

Betty and I will drive up on Wednesday with a scouting trip on Thursday morning and collecting trips on Friday and Saturday. We will have a potluck dinner Thursday afternoon at 3:00PM. Betty and I will supply the turkey. Everyone else should bring side dishes that go well for Thanksgiving or desserts. If you have other commitments for Thursday join us for the collecting trips on Friday and Saturday. We will have a soup potluck on Friday or Saturday evening; bring a can or two of cans of soup for the pot and some crackers, snacks or a dessert to share.

We will have afternoon Happy Hours and evening Campfires, so bring snacks and your favorite beverage, and firewood.

E-mail me to get a copy of the flyer with trip details. Please call (925-439-7509) or send me an e-mail, preferred, (dickpankey@juno.com) to let me know you plan on coming and when you expect to arrive, and will you attend and what you plan to bring to the potluck. This will help to plan dinner and the area we need for our camp.

Thanksgiving Field Trip

Black Butte Lake & Stony Creek, West of Orland, CA

November 23 to 25, 2017

"This trip is open to everyone who agrees to abide by the AFMS Code of Ethics and the directions of the field trip leader, and practice safe rockhounding."

Host Society: **Contra Costa M&GS / A NBFT Field Trip**

Contact/Leader: **Dick Pankey:**
dickpankey@juno.com/925-439-7509

Directions: Take I-5 North to Orland, CA. From Interstate 5, take the Black Butte Lake exit. Travel west on County Road 200/Newville Road for 14 miles. Turn left on Buckhorn Road and enter the Buckhorn Recreation area. Watch for orange paper plates.

Meeting Location: My camp site in the Buckhorn Campground. The Buckhorn Recreation Area is a fee use area managed by the Army Corp of Engineers. There is a \$4.00/vehicle Day Use Fee or \$20.00 per night for camping. Please self-register as you enter on Buckhorn Road. Have exact change. We will meet each morning at 8:45AM to review plans for the day and leave to the collecting sites at 9:00AM SHARP.

Collecting Sites: Black Butte Lake and Stony Creek. We will scout some sites on Thursday morning. We will collect at several sites around the lake on Friday and Saturday

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Material: Colorful jasper, agate and occasional petrified wood. Bright colors, sometimes poppy jaspers, often brecciated, reds, yellows predominant, but green, and variegated combinations are common, too.

Tools: Rock hammer, small pick and collecting bags or buckets. A spray water bottle is recommended to determine quality of jasper; some material can be in water at lake edge.

Camping/Lodging: We will be camping at the Buckhorn CG, no hook-ups. But there are restrooms with hot showers, toilets and water. Fee is \$20/night or \$10 with Golden Age Pass. Motels in Orland.

Thanksgiving Potluck Dinner: We will have a potluck dinner Thursday afternoon at 3:00PM. Betty and I will supply the turkey. Everyone else bring side dishes that go well for Thanksgiving or desserts.

Special Notes: We are planning to have afternoon Happy Hours and evening Campfires, so bring snacks and your favorite beverage, and firewood. On Friday or Saturday we will have a Soup Potluck. Bring a can or two of soup for the pot and some crackers/snacks and/or dessert. Bring your chair, bowl and eating utensils and your beverage.

Please call (925-439-7509) or send me an e-mail, preferred, (dickpankey@juno.com) to let me know you plan on coming and when you expect to arrive, and if you will attend and what you plan to bring to the potluck. This will help to plan dinner and the area we need for our camp.

SHOW SCHEDULES

OCTOBER

October 7 - 8: BORON, CA

Mojave Mineralogical Society

Boron Community Center

26998 John Street

Hours: 9 - 4 daily

Contact: **Bruce Davies**, (760) 338-8829

Email: daviesb@yahoo.com

Web Site: Facebook page

October 7 - 8: GRASS VALLEY, CA

Nevada County Gem & Mineral Society

Nevada County Fairgrounds

11228 McCourtney Road

Hours: 10 - 5 daily

Contact: **Anita Wald-Tuttle**, (530) 277-6195

Email: anitaw1t3@gmail.com

Website: www.ncgms.org

October 7 - 8: VISTA, CA

Vista Gem & Mineral Society

Antique Gas & Steam Engine Museum

2040 North Santa Fe Avenue

Hours: Sat 10 - 5; Sun 10 - 4

Contact: **Kelly Hickman**, (760) 639-0447

Email: kellyahickman@hotmail.com

Website: www.vistarocks.org

October 8: FALLBROOK, CA

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Fallbrook Gem & Mineral Society

Fallbrook Gem & Mineral Building

123 West Alvarado Street

Hours: 9 - 4

Contact: **Janice Bricker**, (760) 728-1130

Email: fgms@sbcglobal.net

Website: www.fgms.org

October 14 - 15: ANDERSON, CA

Shasta Gem & Mineral Society

Shasta District Fairgrounds

1890 Briggs Street, off SR 273

Hours: Sat. 9 - 5; Sun. 10 - 4

Contact: **Steve Puderbaugh**, 530-604-2951

Email: steve@applyaline.com

Website: Facebook Page

October 14 - 15: TRONA, CA

Searles Lake Gem & Mineral Society

Gem Show Building

13337 Main Street

Hours: Sat 7:30 - 5; Sun 7:30 - 4

Contact: **Jim & Bonnie Fairchild**, (760) 372-5356

Email: slgms@iwvisp.com

Website: www1.iwvisp.com/tronagemclub
Show Flyer/Details

October 21: WEST HILLS, CA

Woodland Hills Rock Chippers

First United Methodist Church

22700 Sherman Way

Hours: 10 - 5

Contact: **Virginia Rotramel**, (951) 403-2634

Email: ginigem1@gmail.com

Website: www.rockchippers.org Show
Page

October 21 - 22: PLACERVILLE, CA

El Dorado County Mineral & Gem Society

El Dorado County Fairgrounds

100 Placerville Drive

Hours: 10 - 5 daily

Contact: (530) 676-2472

Email: info@rockandgemshow.org

Club Website: www.eldoradorocks.org
Show Page

October 21 - 22: SANTA ROSA, CA

Santa Rosa Mineral & Gem Society

The Veterans Memorial (new date &
location)

1351 Maple Avenue

Hours: Sat 10 - 6; Sun 10 - 5

Contact: **Jolene Coon**

Email: santarosarockshow@hotmail.com

Website: www.srmgs.org

October 21 - 22: WHITTIER, CA

Whittier Gem & Mineral Society

Whittier Community Center

7630 Washington Avenue

Hours: 10 - 5 daily

Contact: **Yvonne Morton**, (562) 895-8667

Email: will.yvonne.morton@verizon.net

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Website: www.wgmsca.com

October 28 - 29: LOS ALTOS, CA

Peninsula Gem & Geology Society

Los Altos Youth Center

One North San Antonio Road

Hours: 10 - 5 daily

Contact: Steve Jobe, (408) 834-5384

Email: steve_jobe@sbcglobal.net

Website: www.pggs.org Show Page

October 28 - 29: SACRAMENTO, CA

Sacramento Mineral Society

Scottish Rite Temple

6151 H Street

Hours: 10 - 5 daily

Contact: **Alyssa Mesiznger**, (916) 662-5819

Email:
gemshow@sacramentomineralsociety.org

Web Site:

<http://sacramentomineralsociety.org>

Show Page

NOVEMBER

November 3, 4 & 5: EUREKA, CA

Humboldt Gem & Mineral Society

Redwood Acres Fairgrounds

3750 Harris Street

Hours: Fri 9 - 6; Sat 9 - 6; Sun 10 - 5

Contact: Toni L Tyson, (707) 502-9574

email: bluiis911@msn.com

November 4 - 5: ANAHEIM, CA

American Opal Society

Business Expo Center

1960 S. Anaheim Way

Hours: Sat 10 - 6; Sun 10 - 5

Contact: Veronica Purpura, (714) 501-9959

Email: info@opalsociety.org

Website: www.opalsociety.org Show
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November 4 - 5: CONCORD, CA

Contra Costa Mineral & Gem Society

Centre Concord

5298 Clayton Road

Hours: 10 - 5 daily

Contact: Mary Hicks, (925) 779-0698

Email: maryhicks@comcast.net

Website: (Temp. under construction)
Get Show Coupon

November 4 - 5: RIDGECREST, CA

Indian Wells Gem & Mineral Society

Desert Empire Fairgrounds

520 South Richmond Road

Hours: 9 - 5 daily

Contact: John DeRosa, (760) 375-7905

Email: jfrocks@dslextreme.com

November 11 - 12: YUBA CITY, CA

Sutter Buttes Gem & Mineral Society

Yuba-Sutter Fairgrounds - Franklin Hall

442 Franklin Avenue

Hours: Sat 10 - 5; Sun 10 - 4

Contact: Karen Horita, (530) (916) 677-
6696

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Email: horita@comcast.net

Website: www.sutterbuttes.net

November 18 - 19: LAKESIDE, CA

El Cajon Valley Gem & Mineral Society

Lakeside Rodeo Grounds

12584 Mapleview Street

Hours: Sat 10 - 5; Sun 10 - 4

Contact: Mary Ness, (619) 449-0759

Email: ecvgms@gmail.com

Website: www.ecvgms.org [Show Page](#)

November 18 - 19: OXNARD, CA

Oxnard Gem & Mineral Society

Oxnard Performing Arts Center

800 Hobson Way

Hours: Sat. 9 - 5; Sun. 10 - 4

Contact: Stephanie Hagiwara, (805) 394-8002

Email: webmaster@oxnardgem.com

Website: http://oxnardgem.com [Show Page](#)

November 18 - 19: SANTA CRUZ, CA

Santa Cruz Mineral & Gem Society

Santa Cruz Live Oak Grange

1900 17th Avenue

Hours: 10 - 5 daily

Contact: Michael Cox, (831) 459-0572

Email: scruzmgms@gmail.com

Website: www.scrockngem.org

DECEMBER

December 9 - 10: RIALTO, CA

Orange Belt Mineralogical Society

Near Rialto City Hall Lot

105 South Palm Avenue

Hours: 9 - Dusk daily

Contact: Jessica Pierson, (909) 381-0089

Email: OBMSTailgateInfo@gmail.com

Website: http://OBMSnocks.yolasite.com
[Show Page](#)



GEM OF MONTH Oct. 2017

By Shirley Buschke

This month's gem is a new member but she has attended many of our shows. She is a retired teacher. She graduated from Ohlone College and Cal State Hayward College of the East Bay, She is married and has three children. They are all members of our club. They have not been to the shop in ages except for one who has recently rejoined us. She is the one **Horace Robertson** used to babysit at the old shop when she was about 3 or 4 years old. She has discovered lost wax and lots of beads.

Our gem took lots of jewelry classes in college. Thanks to **Ed Rigor** she is relearning the skills. He is also helping her find things. She likes all stones, probably

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amethyst, pearls and turquoise are her favorites. She has also done some bead work. Currently she is doing lost wax and wire wrap.

Our gem also visits a friend's class and does an art project with the students. She remembers how **Doc Buschke** used to visit her class and show the students how to make a wire wrap gem tree for Mother's Day.

Our gem decided this was the time to join CVMGS so she could begin to use up some of her dad's inventory. Easy to guess now. Our gem is **Sharon Blattel**, daughter of **Doc** and **Shirley Buschke**

From: Beth Farmer Subject: Re: eclipse

Date: August 23, 2017 at 8:35:15 PM PDT

We were in a farmer's field, with a thousand of our newest friends. We were all car camping, and there were 12 ports potties between all of us.

Fortunately, I brought my own potty and made a shelter that looked like a small tent- problem solved!

Poor Madras was more than overrun with visitors, but the town did their best to make a buck from the visitors, and prepare for the crush. Some folks were selling "solar glasses", whatever fruit and veggies they were growing, parking on their property (mostly self contained trailers), etc.

Just think of this event as Woodstock, with a LOT of preplanning!

We saw a very few situations of people running out of gas, etc.

I brought my earthquake planning equipment with us, and didn't need the total list (dollar bills, 4 days of food, etc.)

The crowd around us were a mix of parents bringing their kids, eclipse geeks, folks who were curious, college kids, and the curious.

People came in to park between Sunday morning and 9:00 am on Monday. There was even a car trolling the crowd with T shirts for sale (with CA plates)!

We were parked between a lovely couple from Portland (very young) in their 1 day old Subaru, and another Subaru with 4 Stanford students. They had a 12 inch telescope!

After a long night of cars searching for a parking space, car alarms going off and dust, we all woke up to clear skies.

Then the cameras and telescopes came out! Anticipation was mixed with celebratory crowds.

As the eclipse started, covered 10,20,30,40,50% and more, all of us fixated slowly on what we sensed.

The air became cold- temperature dropped at least 10 degrees. There was less light, it started to be dust at 70%, shadows lengthened like sunset at 80%.

The sun looked like a crescent moon, and it kept on covering- until totality!

While the moon covered the sun, I saw the corona, the solar flares, I saw a sunset 360 degrees all around me while I was in the

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I didn't see stars, as this was my first time and I was so absorbed, there was no time for details.

I saw the Beads surrounding the moon's surface, then the Diamond ring.

There was a huge cheer and hooting from all of us, almost visceral! And then the moon moved on, giving us our sun back.

Temperature went back up, light returned...

Immediately some cars drove off.

We waited an hour to let traffic clear off.

And then... we were in gridlock.

We took 6 hours to drive north to Portland.

As a seasoned Baby Boomer, I am not surprised anymore to travel to somewhere or see something without being flooded with other people.

I loved it and am so happy, I'm planning to see it in Texas (if I'm still alive.)

We have no article this month for the Kids corner, Isabelle must be busy with school.



Cooper Pedy Opal from South Australia

The town of Cooper Pedy in South Australia is a major source of opal. The world's largest and most valuable gem opal "Olympic Australis" was found in August 1956 at the "Eight Mile" opal field in Cooper Pedy. It weighs 17,000 carats (3.4 kg; 7.5 lb) and is 11 inches (280 mm) long, with a height of 4 3/4 in (120 mm) and a width of 4 1/2 in (110 mm).[19] The Mintabie Opal Field located about 250 km (160 mi) north west of Cooper Pedy has also produced large quantities of crystal opal and the rarer black opal. Over the years, it has been sold overseas incorrectly as Cooper Pedy opal. The black opal is said to be some of the best examples found in Australia.

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Shop Schedule
(All shop session's members only)

MAP

- Monday** 10 AM to 1 PM, Lapidary
 6 PM to 9 PM, Beginners only in lapidary
- Tuesday** 12-to 5 PM, need daytime supervisor
 6 PM to 9:00 PM, Lapidary,
- Wednesday** 9AM to 12:00PM, Lapidary
 Library open 10AM to noon.
 5:30 - 8:00 PM Lapidary
- Thursday** 10:00 AM to 1:00 PM, Lapidary
 7 PM to 9 PM, Lapidary
- Friday** 9-1 PM Lapidary, Faceting (experienced only)
- Saturday** 9 AM to 3 PM, Faceting Class 9-12, Juniors,
 w/supervisor's approval, lapidary
 Library open 10AM to noon.
- Sunday** 9:30AM to 12:30 PM, Lapidary



SHOP NOTICES:

Email us at info@mgscv

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From I 580: Take the A Street exit and go west, turn right on Montgomery Street and go to 22307 Montgomery Street.

From I 880: Take the A Street exit and go East. Turn left on Montgomery Street and go to 22307 Montgomery.

From Jackson Street: Go north on Mission Boulevard, turn left onto A Street, then right on Montgomery Street and go to 22307 Montgomery Street.

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**Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc.
Mineral & Gem Society of Castro Valley (MGSCV)
Membership Application and Information**



Membership is good for one calendar year from January 1st through December 31st. Please fill out and sign the application. Mail the completed form, a check for the dues **payable to MGSCV**, and a self-addressed, stamped envelope to - **MGSCV, Attn: Membership Chair, P.O. Box 2145, Castro Valley, CA 94546.**

Your membership is active upon receipt of your check and application. It will be processed and membership cards will be at the shop within 4 weeks. Your email will be added to the list for the Petrograph, our newsletter. Your name will be added to the roster in the lobby at the workshop and in the drawing at the general meetings for cash prizes, if present.

We are a non-profit club whose sole purpose is the education of lapidary arts and geological sciences for all who are interested. **No products produced in the shop can be sold for profit.** All members should have or be familiar with the MGSCV Handbook. A copy is available for review in the club's lobby or one can be emailed to you by sending a request to info@mgscv.org.

Before any member may operate any equipment or take any class they must have completed an orientation and their first cabochon. **To schedule an orientation send an email to WorkShopManager@mgscv.org with your name, phone number, and a good time to call you.** During the orientation you will learn about the club and get a tour of the workshop. Monday evenings are reserved for beginners only.

Membership dues cover less than 10% of our annual operating costs. It is our annual show that funds the club, workshop and all activities. ***A requirement of membership is that every member must work at the show for a minimum of 4 hours.** The show is always held the first full weekend of March, so mark your calendars. The show is fun to work and is the reason we have the best workshop/club in Northern California. Shop services such as rock sawing, casting, special classes (faceting, wire wrap, metal work, etc...) will not be available to members who do not work at the show.

Membership Chairperson

Type of Membership(s): new membership renewal membership Lifetime (voted in by the board)

* With Shop privileges	Junior Membership	NO Shop Privileges
<input type="checkbox"/> Single - \$45	<input type="checkbox"/> Junior (11-17 with adult) - \$1	<input type="checkbox"/> Single - \$35
<input type="checkbox"/> Couple - \$80	<input type="checkbox"/> Junior (11-17 without adult) - \$5	<input type="checkbox"/> Couple - \$60

After July 1st all **new** membership dues are half (1/2)

Name(s) (Please print all the names.)

Adults: _____

Juniors: _____

Address: _____

City: _____ State: _____ Zip: _____ Phone Number: _____

E-mail Address: _____

(Our monthly newsletter, the Petrograph, will be emailed to this address.)

Occupational Skills: _____

(Sometimes we are in need of advice and/or help in regards to electrical, plumbing, mechanical, clerical or other skills.)

Confidentiality: (check all that apply) **I do not want** my _____ phone _____ email printed in the roster at the shop.

I agree with the By-laws and rules of the Mineral & Gem Society of Castro Valley (MGSCV).

Members Signatures: _____

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