



Club Notes



General Meeting: Nov. 21st 2017

Those with the last name that begins with U thru Z please bring finger food for the meeting. General Meetings are the third Tuesday of 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 Nov. 14th 2017 at 7pm at the shop downstairs.

Next Show Meeting:

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



In This Issue:

- ❖ Club Notes
- ❖ General Information
- ❖ Meeting Minutes
 - Board Meeting
 - Oct. 10th 2017
 - General Meeting
 - Oct. 17th, 2017
- ❖ Rock Rumbles
- ❖ Announcements
- ❖ Show Schedules
- ❖ Field Trips
- ❖ Gem of the month
- ❖ Bench Tips by Brad Smith
- ❖ Kids Korner
- ❖ Shop Schedule
- ❖ Map To New General Meeting Place

MGSCV Petrograph November 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">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

MGSCV Petrograph November 2017

Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc.

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

Oct. 10th 2017

By: **Betty Milam**

BOARD MEETING

The meeting was called to order at 7 pm.

In attendance were **Cathy Miller, Norm Hodgson, Jodi Minshal, Diana Cohoon, Beth Farmer, Mike McBride, Sheryl Cooper, Neil Delfino, Bonnie Andrade, Betty Milam** (7:30 pm)

Treasurer: **Beth** moved and **Neil** seconded to accept the September 2017 Treasurer's Report presented by **Sheryl Cooper**.

Minutes: The September Board meeting minutes were approved by **Beth** and seconded by **Sheryl** as printed in the Petrograph. Two copies of the Petrograph are available in the shop's office.

California Federation, etc: The Federation Business meeting and show will be held the second week in November. **Mike McBride**

will represent our club, and will bring show cards and flyers. **Doc** passed away this summer. He is missed. We will be contacting our auditor for the yearly review of the books.

NBFT: **Beth** moved and **Jodi** seconded to pay the yearly dues of \$5 to the North Bay Field Trip Association. Carried Unanimously

Shop: **Beth** reported equipment is ready to be installed. Flat Laps will be replaced. People are bringing in rocks and just dropping them off.

Library: There was a discussion of the magazines the library has available. Jewelry Artist magazines have been donated.

Membership: There is one returning member.

Old Business: **Sheryl** reported there has been no contact from the management company since last month's letter. Since **Diana** is a Property Manager she reported

MGSCV Petrograph November 2017

Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc.

that if a property is to be purchased 'as is', the seller is required to state to the buyer that if anything 'falls down' the seller won't be responsible - full disclosure. **Diana** said the shop has been inspected by the Property Manager's Insurance Company and the Manager accepted the report.

Diana noted that the shop we occupy and the attached shop in the corner was once one large shop. The Property Management installed the partition and installed 2 electrical sub meters, but there is only one electric bill. The Management Co. divides the cost between the 2 tenants.

New Business: Shop supervisors issue with a member's conduct in the shop was discussed.

Documentary: **Neil** reported there is a new documentary called 'Little Girl Blue' about **Janice Joplin**. Our own **Snooky Flowers** is in it.

General meeting presentation: **Neil** will be presenting 'Gravity Flow' at the October General meeting.

Meeting adjourned 8:15 pm

GENERAL MEETING - Sept 19, 2017
Submitted by Betty Milam

Program: What **Neil** Used to do:
Prior to retiring, **Neil Delfino** was Chevron's corporate technical authority for offshore pipelines. **Neil** and his team developed technology that improved the process of planning, designing and laying subsea pipelines. The team used a theory about mass gravity flows to design a pipeline from breaking as the previous pipeline had broken four times in four years. This along

with the other pipeline projects that he worked on required sea floor mapping and geology. **Neil** shared with us some underwater videos of whales rubbing on sea floor oil well equipment. Remote operated vehicles working in 3,000 feet water depths recorded these videos. He also shared fly through virtual reality videos of sea floor imagery that was developed from sonar and seismic data. There were two videos of pipeline routes for the Shtokman gas field in the Russian Barents Sea. A video of the Congo River Canyon sea floor that was used for the Congo River Crossing showed an underwater canyon the size of the Grand Canyon, offshore Angola (West Africa). The West Delta 109 video showed mass gravity flows in the Gulf of Mexico that move when a cyclonic storm hits near the mouth of the Mississippi River. He showed two unexploded ordnance reconnaissance videos of satellite imagery of Mekong Delta in Vietnam, from the Gulf of Thailand to the Mekong River. **Neil** related this presentation to last month's presentation on how jasper is formed and the June presentation on interesting rocks. N.dF Show: The March 2018 show will be the 70th Annual show for our club. The next show meeting will be held November 7th. Drawing: **Sheryl** reported there are now 174 members and a new member is signing up tonight. Every member's name is in the bucket. The drawing this evening is for \$120. **Lyle Scharf** was not present. The next General meeting will be held November 21, 2017. Meeting closed at 9pm.

MGSCV Petrograph November 2017

Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc.



ROCK RUMBLES

By Shirley Buschke

ROCK RUMBLES Nov. 2017

Another great program from **Neil Delfino**. Neil was a Project Development Engineer for Standard Oil. He has traveled about everywhere in the world. Now you probably thought laying a pipe line was simple. Dig a hole and drop the pipe in. So many interesting things happen underfoot. One of Neil's jobs was to find out where and how to route the pipe line. Seems things are not always quiet down below. He said they figured the contour of the terrain and sea scape using radar and sonar. Even discovered sometimes there was an underground mud river that could distort or destroy the million dollar line with its velocity.

Have you contributed to our auction case? While you are making something for Christmas, make something for the case. We also have a silent auction at our meetings. **Mark Montgomery** brings in stuff we can afford.

I did not realize our saxophonist **Snooky Flowers** was such a famous musician. At one time he played in the band for **Janis Joplin**. Wish he would play for our Christmas luncheon. It will be Saturday December 9 at the church. Serving starts at one PM. Pot luck. Check the Petrograph for

suggestions by your last name. We will also have a raffle.

We have new gift bags for sale at \$1.00 each. Fabric from Jim Ewing.

Visit from **Kathy Reinbolt**. She has moved to Carson City, Nevada. She said she sure misses our group. Sort of like leaving your family behind. She hope to show the club there some of our shop layout.

Lyle Schoef said he had a wonderful time in Italy. History everywhere you looked. Great people, great food. He has been making rings for his grandson. Look to him if you are interested unmaking a mold.

Ed Rigor and **Jodi Minshall** have offered to finish any of the turquoise carvings **Doc Buschke** started. Thank you.

Cathy Miller needs volunteers for our show. She will find a place for you. Need lots of assistant chairmen. Don't wait to be asked. Santa Rosa had to cancel their show because of the fire. What a catastrophe! Our show supports our shop.

Does anybody have suggestions for making money for the club? Every time **Beth** orders supplies they cost more. Just like at the grocery store. Make a donation of toilet paper, coffee, paper towels, cash would help. One club we know of charges for polishing time. Another charges a day-use fee.

See you at the luncheon.

MGSCV Petrograph November 2017

Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc.

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 150 miles 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 \$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.

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

MGSCV Petrograph November 2017

Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc.

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

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

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

MGSCV Petrograph November 2017

Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc.

Email: info@opalsociety.org

Website: www.opalsociety.org Show
Page

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

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

MGSCV Petrograph November 2017

Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc.

Hours: 9 - Dusk daily

Contact: Jessica Pierson, (909) 381-0089

Email: OBMSTailgateInfo@gmail.com

Website: <http://OBMSrocks.yolasite.com>
Show Page

JANUARY (2018)

January 20 - 21: EXETER, CA

Tule Gem & Mineral Society, Visalia

Exeter Veterans' Memorial Building

324 N. Kaweah Avenue

Hours: Sat 10 - 5; Sun 10 - 4

Contact: **Margaret Buchmann**, (559) 799-6034

Email: margaretbu03@gmail.com

Website: www.tulegem.com

FEBRUARY (2018)

February 16 - 25: INDIO, CA

San Geronio Mineral & Gem Society

Riverside County Fair & National Date Festival

82-503 Highway 111

Hours: 10 - 10 daily

Contact: Bert Grisham, (915) 849-1674

Email: bert67@verizon.net

February 17 - 18: ANTIOCH, CA

Antioch Lapidary Club

Contra Costa County Fairgrounds

1201 West 10th Street

Hours: 10 - 5 daily

Contact: Brenda Miguel, (925) 301-6957

Email: brenda.miguel@yahoo.com

Website: www.antiochlapidaryclub.com

February 24 - 25: VALLEJO, CA

Vallejo Gem & Mineral Society

Solano County Fairgrounds, McCormack Hall

900 Fairgrounds Drive

Hours: 10 - 5 daily

Contact: Dan Wolke, 707 334-2950

Email: dncwolke@sbcglobal.net

Website: www.vjgems.org

MARCH (2018)

March 2 - 4: NEWARK, CA

Mineral & Gem Society of Castro Valley

Newark Pavilion

6430 Thornton Avenue

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

Contact: Cathy Miller, 510-887-9007

Email: showchair@mgscv.org

Website: www.mgscv.org

March 3 - 4: VENTURA, CA

Ventura Gem & Mineral Society

Ventura County Fairgrounds

10 West Harbor Blvd.

Hours: Sat 10 - 5; Sun 10 - 4

Contact: Diane Cook, (805) 312-8467

Email: info@vgms.org

Website: www.vgms.org Show Page

March 10 - 11: SAN MARINO, CA

MGSCV Petrograph November 2017

Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc.

Pasadena Lapidary Society

San Marino Masonic Center

3130 Huntington Drive

Hours: Sat 10 - 6, Sun 10 - 5

Contact: Ellen Ferrell, (727) 512-0381

Email: pasadenalapidary@aol.com

Website: www.pasadenalapidarysociety.org

Show Page

March 10 - 11: SPRECKELS, CA

Salinas Valley Rock and Gem Club

Spreckel's Veteran's Memorial Hall

5th & Llano Streets

Hours: 10 - 5 daily

Contact: Gary Beck, (831) 679-2896

Email: garybeckpca@yahoo.com

Website:

<http://salinasrockandgem.pagecloud.com>

Show Page



GEM OF MONTH Nov. 2017

By Shirley Buschke

If you knew them awhile back, you would have known our gem and husband had a comic book store. Seems baby boomers are very nostalgic and want the joys of their

childhood. But today our gem and her husband own a packaging store.

Our gem was raised in San Mateo but now lives in . She is married and has three children and a grandchild. The kids are looking forward to her lapidary products. Right now she thinks of the skills she has tried, faceting is her favorite and her favorite stone is all of them. When pinned down, she said maybe aquamarine. She loves the precision of faceting. (that, is what I did not like. I liked the results but not the work getting there.)

She found us on the internet. So if you have a computer you can find lots of information. And who is our gem this month? **Mike cox's** student **Diana Ewian**. Meet her in person on Monday and Wednesday night. Yes, she is a new member.

KIDS KORNER

By Isabelle Bennette

12 years old

New Almaden

Before the beginning of summer, Mineral and Gem Society of Castro Valley's members had a chance to tour New Almaden, an old Spanish mining town. As the only current mercury or quicksilver mines are in Russia and Asia, it was interesting to see and learn about mercury close to my own home. We saw old mines, mine cottages, and even the processing plants. New Almaden was full of mercury, and we observed both raw and refined mercury. We learned from experts about the history, mining process, and influence.

MGSCV Petrograph November 2017

Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc.

As we drove up the steep hills to look at New Almaden from different vantage points, the whole town was spread around us, as well as its history. The first people to attempt mining the caves of New Almaden were the Native Americans because they used cinnabar, a rock containing mercury to paint their bodies because of the rich red color. The first non-Indian to find mercury was **Secundino Robles**, who believed that the Almaden hills could hold gold and silver as well, but failed in his expedition. In 1845, **Andreas Castellero** a Spanish captain in the Mexican army trained in geology, chemistry, and metallurgy proved that the metal in cinnabar could be useful. In America's mining years, mercury was very important because when it is mixed with rock holding precious metals, it can create an alloy called amalgam. Unfortunately, **Castellero** was called back to war, and he sold his shares to, **Barron, Forbes and Co.** who named the region New Almaden after the world's greatest quicksilver mine in Almaden, Spain. **Barron, Forbes, and Co.** built a mining town which contained a Casa Grande, market, and organized housing around the mercury hills. Like many other mining cities, the social classes were separated so that the poorer citizens were housed deeper into the city, closer to the actual mines. The town also had a school and cemetery, and ended up being split into the Hacienda, Spanishtown, and Englishtown. The Hacienda was closest to the mines and contained all the miners' cottages, which we saw on the tour. After The Quicksilver Company of New York and Pennsylvania took over the mines, they enlisted **James Randol**

as superintendent, and today the main road of the tour is named after him because he reorganized the whole process making it easier and more efficient for the 20 years that he managed it.

An integral part of New Almaden was the process to take out mercury from cinnabar. To build all the mines that the quicksilver was found, miners used dynamite to break rock, and even had a small cottage specifically for it. As we went up the hills, we stopped by many mine tunnel entrances. We learned about the kinds of tunnels branching off of three different shafts that were built, and even stopped at a tunnel that miners dumped the red stone out of. The opening was about twenty feet above us, and went straight down. They used a steam engine to transport the ore to filtering processors, where they took out all the rock that didn't have any economical value. Then they heated the mercury out of the rock and put them in glass tubes. New Almaden was one of the only mercury mines in the district for a while, and now doesn't operate because of the pollution and toxic air it produces.

Today, silver-mercury amalgam is used in dentistry and gold-mercury amalgam in gold extraction. Miners used amalgam to separate gold or silver from rock, which created a butter-like substance. Because the New Almaden mines were one of few quicksilver mines, business was good, but short lived because the danger of mercury fumes had yet been discovered. New Almaden was the first mercury deposit discovered in the Americas, and the

MGSCV Petrograph November 2017

Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc.

Spanish didn't realize the quicksilver ore contained mercury until 1846. As the discovery of New Almaden was just a few years before the Gold rush, the mercury found became incredibly useful and valuable. There was a whole market and economy for quicksilver, and New Almaden was in the center of it.

After seeing and hearing about New Almaden, I was fully educated in every facet of the topic, and thoroughly enjoyed learning about mercury and the mining process. I was especially interested in the ore to metal processing and like looking at the different machines they used because it was like experiencing the past. Mercury had a huge impact on the gold and silver economy and the environment in the Santa Clara area. Because mercury is so toxic, many of the Native Americans that attempted to mine the ore was poisoned and there are still traces of quicksilver in the Almedan air today.

My name is **Kelly Reinbolt** and I have been a member since 1991. I now live in the capital of Nevada, Carson City. I quickly contacted the Great Basin Gem Mineral Society to join, but my expectations were quickly crushed, learning that it isn't really a club like the Castro Valley MGS, which you must appreciate to recognize how blessed we are here. The Great Basin society charges \$8.00 for a year to go on field trips. Nevada harmony mines of garnets, opals, turquoise to name a few naround the state.

The workshop is at the Senior Center and is very nice and large facility. The shop

is small and it is open Monday and Wednesday from 9 to 1:30. You can use the polishing machine for \$2.00. The highest grit they have is 600. But the equipment is nice and functional.

Please come by for a visit.

I am pleased that we have an article from Isabelle Bennette, as she takes her time and always writes a wonderful story.

I am inviting other younger Juniors to take the time to just write about their experiences as well. You can write about something from school or a bout an experience from our shop visits,

It sounds like **Kelly Reinbolt** misses our shop and nice machines and classes. Their field trips however to the mines sounds fantastic!

When she visits some of those, maybe she will write an article about it for us.

Editor

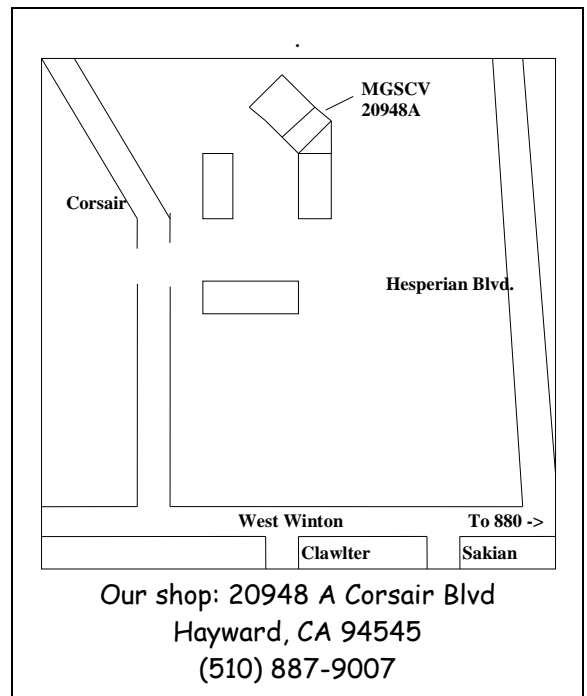


MGSCV Petrograph November 2017
Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc.

MGSCV Petrograph November 2017
Monthly Bulletin of the Mineral and Gem Society of Castro Valley, inc.
Shop Schedule
(All shop session's members only)

MAP

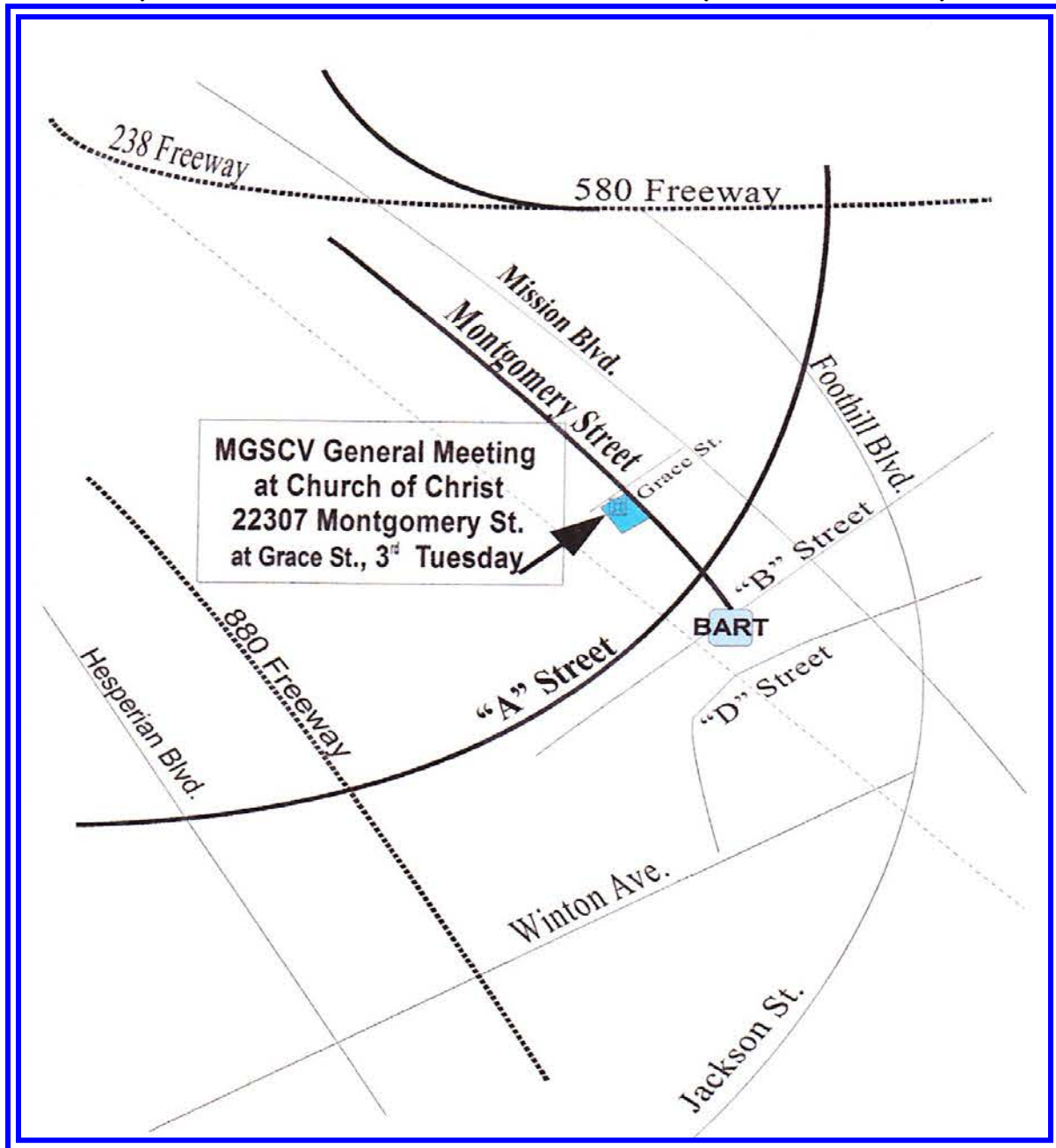
- Monday** 10 AM to 1 PM, Lapidary
 6 PM to 9 PM, Beginners only in lapidary
- Tuesday** 12-to 5 PM, need daytime supervisor
 6 PM to 9:00 PM, Lapidary,
- Wednesday** 9AM to 12:00PM, Lapidary
 Library open 10AM to noon.
 5:30 - 8:00 PM Lapidary
- Thursday** 10:00 AM to 1:00 PM, Lapidary
 7 PM to 9 PM, 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

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



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.

MGSCV Petrograph November 2017

**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: _____

**Mineral & Gem Society of Castro Valley (MGSCV)
Membership Application and Information**