



CLUB NOTES



The next Board Meeting will be **Saturday, April 9th at 3:00 PM at the shop**

Petrified wood will be the theme of the April general meeting. The meeting will be Saturday, April 16th at 3:00 PM at the church (see map on page 15). Greg will talk about how petrified wood is formed and Neil will talk about localities.

Members and Non-members are all welcome at the general meeting. Some of the silent auction items are previewed on page 10 below.

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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, but if requested, the contributor's name can be withheld. Members are encouraged to submit articles that may be of interest to the general membership. The Editor reserves the right to edit or omit any submitted articles. Sources must be cited for material quoted from other authors. Permission to reprint Petrograph articles is hereby granted provided properly cited.

2022 MGSCV Officers

Elected

President - Neil Delfino	President@mgscv.org
Vice President - Greg Croft	VP@mgscv.org
Secretary - Rosita Croft	Secretary@mgscv.org
Treasurer - Sheryl Cooper	Treasurer@mgscv.org
Director - Pete Bergeron	Director1@mgscv.org
Director - Norm Hodgson	Director2@mgscv.org
Director - Jodi Minshall	Director3@mgscv.org
CFMS Director - Beth Farmer	Federation@mgscv.org
Shop Manager - Beth Farmer	ShopManager@mgscv.org
Show Chairman - Cathy Miller and Jodi Minshall	ShowChair@mgscv.org">ShowChair@mgscv.org
Membership - Tony Cooper	membership@mgscv.org
Petrograph Editor - Greg Croft	Editor@mgscv.org
Past President - Jodi Minshall	pastpresident@mgscv.org

Appointed

Scholarship Chair - Greg Croft
Librarian - Norm Hodgson and Lily Johnson
Historian - Norm Hodgson
Purchasing Agent - Beth Farmer
Education Coordinator - Lily Johnson
Sunshine Reporter - All members
Door Prizes - Neil Delfino
Web Master - Dylan Dantzig

webmaster@MGSCV.org

Letter from the President

April 2022

By Neil Delfino

We survived the muscle pains of show teardown and stowing in the container. Early preparations need to start for next years show. Please volunteer for the many jobs/tasks for the show.

One of the popular activities at the show is geode cracking. The difficulty that the geode crackers ran into was determining if a geode was hollow or solid, while running the cracker and helping customers. It would be very helpful to have somebody sort the geodes before the show opens. This is not a heavy lifting task, as we have the geode separated into many bags. If someone would like to take on this during show setup, I will provide guidance.

To make next year's show better, we need more people to attend. This means that we need to advertise the show beginning in the fourth quarter of this year. If you have an idea of how and where to advertise the show, please email your ideas to president@mgscv.org. I will organize the ideas and get them to the show chair.

Those club members who failed to work on the show and failed to get to the shop for the first cleanup March 26th and 27th, you have to work on the next cleanup in April. If you do not do your required work for the club, you will no longer have shop privileges. We want all club members to have the privileges afforded to them with their paid membership.

Petrified Wood

By Greg Croft

Petrified wood holds a certain fascination in how a piece of wood can turn to stone, yet still be recognizable as wood. It is formed by slow replacement of a buried piece of wood by minerals. For that to happen, the wood must be buried before it can rot. This usually happens in one of two ways; the wood is buried by a flood or it is buried in volcanic ash. Scattered pieces of petrified wood are found in many sedimentary rocks but petrified forests, like the one in Arizona or the one between Santa Rosa and Calistoga, are found in tuff, a rock formed from volcanic ash.

The replacement often preserves details of the cell structure of the

wood such that a paleontologist can identify the type of tree it came from. This is true even though none of the original wood remains. The 200-million-year-old forests in Arizona were *Araucarioxylon*, an extinct ancestor of today's monkeypuzzle tree. The much more recent petrified forest near Calistoga is composed of *Sequoia Langsdorfii*, an extinct ancestor of today's coast redwood.

One question you will encounter about petrified wood is whether it is agatized or opalized. Opal is silica with water in it and no crystal structure. It is what replaces the wood at first. If the wood is buried deep enough, the water is driven off and the result is agatized wood, which is harder.

Classes

New class sign up sheets are posted at the shop

CFMS news:

California Federation show will be held May 6-8, at Antelope Valley Fairgrounds, Lancaster 93536.
Fri & Sat 9-5, Sun 9-4

MGSCV Shop news:

By Beth Farmer

We had shop cleanup on March 26&27. The upstairs is swept, dusted, and organized.

Downstairs, the settling tanks were cleaned and that awful stink is gone. The 8" wheel bench was taken down to the bare wheels, top scraped and cleaned, water shields scrubbed clean. The Faceting room is clean and organized.

I want to thank the Saturday crew, Pete, Kurt, Alesha, Matt, Kim, Liso, Theresa and Lily.

On Sunday, the 8" bench was reassembled, the dop station is cleaned, the office coffee corner organized and cleaned, the refrigerator was cleaned, and the cerium oxide polishing stations cleaned as good as new.

Id like to thank the Sunday cleaners, Chris, Stan, Theresa, James and Lily.

We have had 6 new members come into the shop for beginners' class, and there are another 3-4 waiting for an opening to start their first cab. We did have some *Genies* that have been acting up for quite awhile and that did slow up progress of a few beginners. I changed the drive belts and put new leathers on one. I hope they will be more dependable from now on.

We will have another 2 days of cleanup on April 23 and 24, and we

need people to come in and use some elbow grease! I would really like to have our shop in a sanitary condition for our Open House in May.

Let's retain these new younger enthusiastic members!

Board Meeting Minutes

March 12, 2022

By Rosita Alvarez Croft

The meeting was held live at the shop. It was called to order at 3:11 PM by **Neil Delfino**. There were 8 Board members in attendance: **Norm Hodgson, Neil Delfino, Beth Farmer, Cathy Miller, Greg Croft, Phil Gross, Pete Bergeron and Bonnie Andrade**.

Meeting minutes from the previous Board meeting were reviewed. **Beth Farmer** moved the minutes be accepted as printed in the Petrograph with **Pete Bergeron** seconding the motion. A vote on the motion was taken and was passed unanimously. The next General Meeting will be on Saturday, March 19th at 3:00 pm at the Church of Christ located at 22307 Montgomery Street, Hayward, CA. We are also going to have a silent auction during the meeting.

Committee Reports:

Vice President: **Greg Croft** proposed we discuss the show at the upcoming General Meeting.

Scholarship Chairman: **Greg Croft** sent **Sheryl Cooper** an email regarding the checks for the scholarship but has not heard back from her.

Treasurer: Not present

Procurements Report: Nothing to report

Purchasing Agent: Nothing to report

Membership Coordinator: Not present

Shop Manager: 18" saw and trim saw are working now.

Librarian: We have a very comprehensive library. People should take a walk through.

CFMS Representative: Nothing to report.

CFMS is having their show on May 6, 7 & 8, 2022 at the Antelope Valley Fairgrounds.

Show Chairman: We made money although our revenue has been going

down since we moved to the Newark Pavilion. Most dealers indicated they missed being there on Friday. Some suggested perhaps we should open from 10 am to 2 or 3 pm for club members to shop on Friday. Saturday was a good day for most dealers. Stone Room did not make their table fees but indicated they were glad to be there and talk to people. They would like a smaller booth next time. The Pavilion has put us on the calendar for next year, March 3-5, 2023. The Fire Marshall confirmed we only need a fire permit for the show. Eliminating the black plastic skirting saved us a lot of work and time. We should only provide the skirting to dealers who request it. Most of them have their own.

The guys we hired were extremely helpful as were Cathy Miller's daughter and boyfriend. Peter Adams offered to have members of the Sequoia Club help us in the future. Apparently, other clubs have helped each other in the past. We had some people leave without entering the show because they did not have any cash on them for the entry fee. We were not prepared this year. In the past we had The Square so people could use their credit cards. However, some dealers had trouble

with the wifi so that can also be a problem. We had lots of security and no losses. We made over \$6K from admissions and the Live Auction. The Live Auction alone took in more than \$3K; more than the payout for the scholarship. CFMS loaned us their California Cabochon Collection for the show. They have not picked it up yet. It is currently in the Library.

Editor: The March Petrograph was out in time for the Board Meeting this month.

Education Coordinator: Not present

Historian: Nothing to report

Sunshine Report: Cathy Miller's father took a fall and hurt his arm but he is OK.

Old Business: Nothing to report

New Business: We have a problem member who signed up for the show and didn't work although she did show up for the show without paying admission. When approached, she became aggressive and requested her membership fee be returned however, she has not paid her renewal fee. The

Board decided she could no longer be a member. **Neil Delfino** will contact her and let her know.

Pete Bergeron pointed out that members agree to work at least 6 hours a year for the club when they join. He brought up the question about how to deal with the members who do not work at the show. It was decided that members who cannot work the show can make up the time by signing up for the cleanups at the shop or they will lose their shop privileges. We currently have four cleanup days scheduled; March 26 and 27 and April 23 and 24.

General Meeting Minutes

March 19, 2022

By Rosita Alvarez Croft

The meeting was called to order at 3:05 pm by **Neil Delfino**. It was held in person at the Church. There were 14 club members and 4 guests present; Mathew Jamison, Alesha Larkins, Amy Marks and Kim Taylor were the guests.

Meeting Minutes:

Meeting minutes from the previous General Membership meeting as printed in the Petrograph were

reviewed. **Jodi Minshall** moved the minutes be accepted with **Chris Pavel-Ligon** seconding the motion. A vote on the motion was taken and was passed unanimously.

Announcements:

We made \$111.00 on the Silent Auction today.

Committee Reports:

Vice President: Nothing to report

Scholarship: **Greg Croft** is still waiting to hear from **Sheryl Cooper** regarding the scholarship checks.

Show Report: We had a great turnout of shoppers. People seemed happy at the show. Saturday was especially busy and the vendors had a good day.

Cathy Miller informed us that about 90% of the dealers reported they were happy with the show outcome. Some dealers mentioned they missed not having Friday included but understood that we did not have much time to prepare this year. A third day, would bring more admissions and

probably more income for the Auction Items.

Beth Farmer pointed out how not skirting the vendor tables had saved us a lot of work and time. Most of the dealers have their own table covers and we were able to provide the black plastic covers for those who did not.

Jodi Minshall mentioned that we had made enough money on the Raffle Drawing and Live Auction to cover the two scholarships. Several former club members renewed their memberships at the show.

Pete Bergeron said we need more people to help with the geode cracker. He worked it all day on Saturday. **Phil Gross** worked it on Sunday and only had one geode that was hollow and had crystals inside. **Phil** suggested we might want to get more geodes for the geode cracker. He thinks the kids would be more excited if they had more crystals inside. **Neil Delfino** suggested we sort the geodes in advance.

Lily Johnson's sister helped with the Kid's Spinning Wheel.

Greg Croft suggested we have a few club cases as backups in the future in case we could not get enough members to fill the display cases we have.

Beth Farmer stated that we have some nice items upstairs that we could use for this purpose. We need to clean the upstairs and set up some of the display cases we brought back from the Pavilion. This would make it easier to pull items for club displays in the future.

We had 46 workers show up for the show and 10 were non-members. Doing a display is counted as time but it is not enough. Members sign a contract stating that they will put in at least 6 hours of volunteer time for the club. We need more people to participate in the show. Anyone who did not work the show should sign up for the shop cleanups.

We currently have four Cleanup days scheduled; March 26 and 27 and April 23 and 24. The cleanups start at 9:30 am.

Cathy Miller mentioned we need to update the show binder to include any new responsibilities. For example, we need to have a food coordinator to find the food trucks. Many of them require a guaranteed amount of sales. **Neil Delfino** thinks we should advertise the food trucks in advance of the show. **Kim Taylor** suggested we estimate the number of people that might use the food trucks based on the number of show attendees. **Beth Farmer** thinks we had about 1000 people per day in March 2020 but we probably had more per day this year.

Shop Manager: The two saws that were down are now operating again.

Beth Farmer is replacing the bases of the genies with HDPE. Hopefully, this will keep them from breaking down.

Beth Farmer reminded us that the locker rent is now due. There are a few empty lockers available at the shop. The rent is \$10 per locker. If you want one of them, put your name on it and then put your money in an envelope with your name on it and what the money is for. This is to be deposited in the safe at the shop.

Treasurer: Not present

CFMS Representative: CFMS loaned us their cab cases for the show. They are currently at the shop until they pick them up.

CFMS is holding their Annual Show on May 6, 7 & 8, 2022 at the Antelope Valley Fairgrounds (2551 West Avenue H, Lancaster, CA.).

Editor: **Greg Croft** is going to try to get the Petrograph out by April 1st. If anyone would like to put something in it. Please get it to him before then.

Membership Chairman: Not present

Education Coordinator: **Lily Johnson** is going to put out the new sign-up sheets. We currently have lost wax on Wednesdays, faceting on Wednesday evenings, and Metalsmithing on Thursdays.

Sunshine Report: **Diana Cohoon** and her husband are looking into moving into an assisted housing facility and she would like to donate her items.

Librarian: The library is open whenever the shop is open.

Beth Farmer reminded us that we need to revisit the magazine renewals. **Norm Hodgson** will contact **Sheryl Cooper**.

New Business: Nothing to discuss at this time.

Silent Auction Preview

In keeping with this month's theme, we have petrified wood for the silent auction at the April general meeting. Although the pieces are grouped in the following photos, each will be sold individually.

You do not need to be a member to participate in the silent auction; you just need to attend the meeting.



Beach Wood Limb Casts



Desert Polished Branches and Roots



Desert Polished Petrified Wood



Oregon, Nevada and Arizona Wood



Petrified Wood Chips

California Show Schedule

April 1-3, 2022, Vista CA

Vista Gem and Mineral Society

Vista Gem and Mineral Show

Antique Gas and Steam Engine

Museum, 2040 N. Santa Fe Ave.,

Vista, CA 92083

Hours: April 1 & 2, 10 AM - 5 PM,

April 3, 10 AM - 4 PM

Come on out for a fun-filled weekend

at the Vista Gem and Mineral Show

April 1-3, 2022. Held outdoors at the

Antique Gas and Steam Engine

Museum, you'll find everything from

crystals and gems to rough, slabs, and

cabs - and even lapidary tools. Not

only can you find all the supplies you

are looking for, but we are also known

for our raffle held on Sunday

afternoon. All prizes are donated by

our vendors and VGMS. All proceeds

go to support our non-profit school

and you do not need to be present to

win.

Contact: info@vistarocks.org

Website: <https://vistarocks.org>

April 9-10, 2022 - Mariposa, CA

Mariposa Gem and Mineral Club

Mountains of Minerals

Mariposa County Fairgrounds, 5005

Fairgrounds Road, Mariposa, CA

95338

Hours: Saturday 10 AM - 5 PM,

Sunday 10 AM - 4 PM

Contact: mgmc@sti.net

Website: <http://mariposagemclub.org>

April 16, 2022 - Lake Elsinore, CA

Lake Elsinore Gem & Mineral Society

Rock and Craft Show

32097 Corydon Rd., Lake Elsinore, CA

92530

Hours: Saturday 10 AM - 4 PM

Contact: 1 (909) 208-6956,

berylman50@aol.com

April 23-24, 2022 - Santa Cruz, CA

Santa Cruz Mineral and Gem Society

Santa Cruz Civic Auditorium, 307

Church Street, Santa Cruz, CA 95060

Hours: Saturday 10 AM - 5 PM,

Sunday 10 AM - 5 PM

Our Spring show has a large variety of

vendors selling finished jewelry, gem

stones, lapidary supplies and rough

stone, fossils, mineral specimens,

stone carvings and many other things

of interest to "rockhounds". In

addition, there is a rock identification

table, demonstrations of stone

carving, cabochon making and other

lapidary arts, display cases containing

examples of items collected or made

by club members, plus lectures on

various rockhound topics. And for

kids, there is a florescent mineral
dark room.

Contact: scuzgms@gmail.com

Website: <https://www.scrockngem.org>

April 30 - May 1, 2022 - Anaheim, CA

Searchers Gem & Mineral Society
Brookhurst Community Center, 2271
W. Crescent Ave., Anaheim, CA 92801
Hours: Saturday 10 AM - 5 PM, Sunday
10AM - 4:30 PM

61st Annual Searchers Mineral, Gem
and Jewelry Show

Fun activities for kids! Free. See
rocks, gems, minerals, fossils, rough,
slabs, gold panning, door prizes, tools,
supplies and exhibits.

Contact: (909) 815-3045,
searchersgemandmineral@gmail.com

Website: <https://searchersrocks.org>

**May 6-7-8, 2022 - Lancaster, CA
CFMS Gems, Minerals, Fossils &
Jewelry Show**

Antelope Valley Fairgrounds, 2551 W
Avenue H, Lancaster, CA 93536
Hours: Friday, Saturday 9 AM -5 PM,
Sunday 9 AM - 4 PM

Gems, Minerals, Fossils, Jewelry,
Demonstrations, Exhibits, Dealers,
Kid's and Family Activities. Free
parking and Free Admission.

Contact:

Bob Backus (661) 526-3564, email:
lbackus@aol.com

Susan Chaisson-Walblom (661) 406-
0143, email: slchaisson@yahoo.com

More information coming!!

May 6-7, 2022 - Yucaipa, CA

Yucaipa Valley Gem and Mineral
Society

Yucaipa Blvd and Adams Street,
Yucaipa CA 92399

Hours: Friday 6 PM - 10 PM, Saturday
noon - 10 PM

The YVGMS annual show features
great vendors, geode cracker, kids'
activities, raffle, and club store. The
YVGMS show is part of the Yucaipa
city Music and Arts Festival with
music, various local artists, kids' zone
with rides and jumpers, other craft
vendors, food vendors, and a
beer/wine garden. It is a fun time for
the entire family.

Contact: (909) 794-0731

Website: <http://yvgms.org>

May 7-8, 2022 - Jackson, CA

Amador County Gem & Mineral Society
Kennedy Mine Gem & Craft Show,
12594 Kennedy Mine Rd., Jackson, CA
95642

Hours: Saturday 10 AM - 5 PM,
Sunday 10 AM - 4 PM

Contact: (916) 698-9853

Website: <http://www.amadorgemandmineral.org>

Classified Ads

Lake Berryessa Onyx from the Berryessa Mine 6 pounds; 13.6 ounces; \$140 w/20% of sale as donation to MGSCV Shop Fund

The Story: I obtained this mineral specimen from Arnold Barron who told me it is called Lake Berryessa Onyx from the Berryessa Mine. Arnold has since passed away. Maybe other members might know what this is called and if Arnold was correct.

Sale can be completed at the Shop.

For details email Norman Hodgson. norm2@earthlink.net or call 510-582-1954



Shop Notes
 (All shop session's members only)

Shop Schedule:

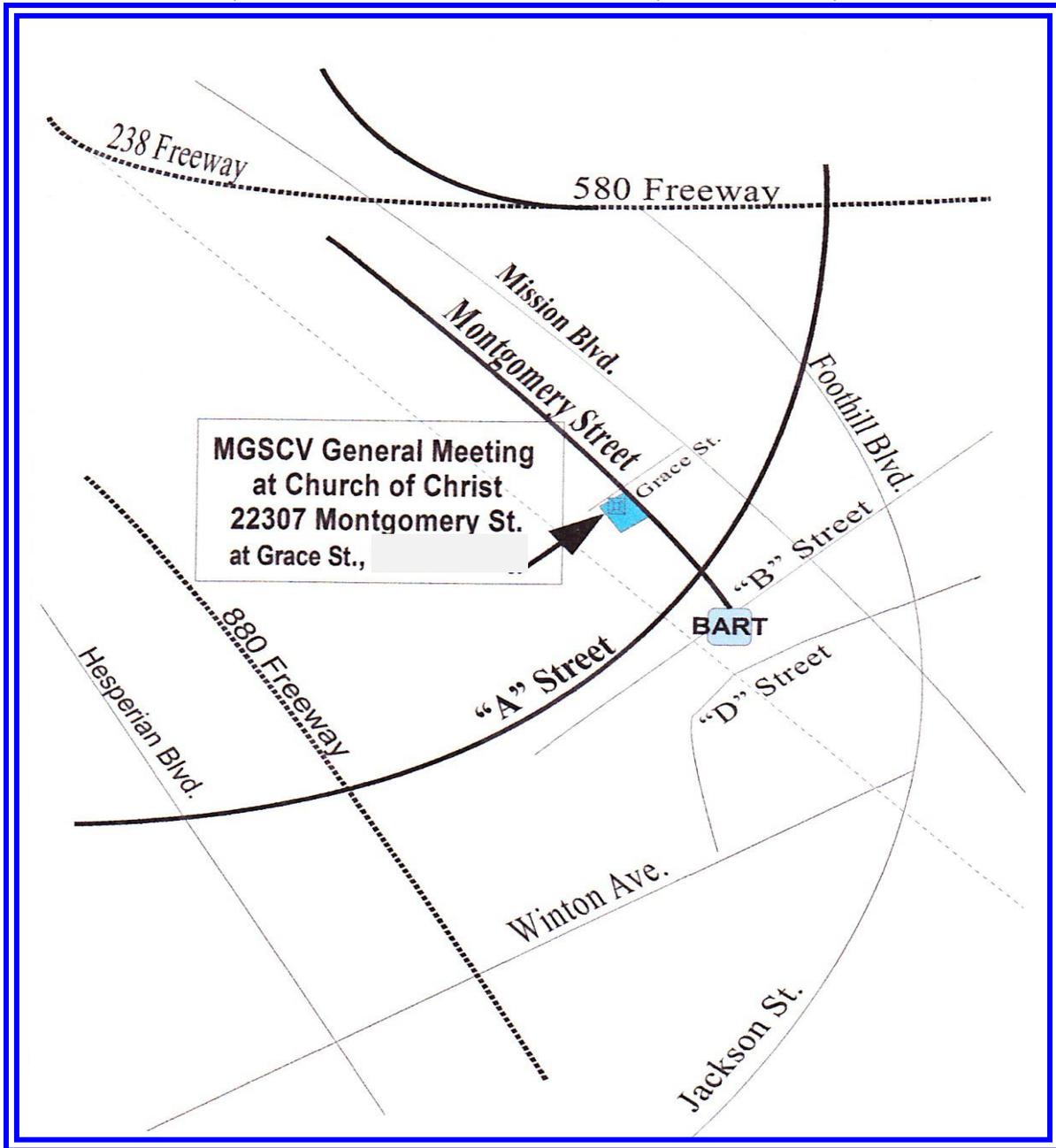
Shop will be closed Wednesday evening
 February 2 and 9 and Thursday morning
 February 3, 10 and 17.

Monday	Closed, looking for a lapidary instructor
Tuesday	Closed, need daytime supervisor
Wednesday	Lapidary - Cathy Miller, 11 AM to 2 PM, Beginner's Night - Beth Farmer, 6 PM to 9 PM Faceting - Kirk Schultz, 6 PM to 9 PM Library open 11 AM to 12 PM
Thursday	Lapidary - Phil Gross, 10 AM to 2 PM, Teresa Taniguchi, Lost Wax, 10:30 AM Metalwork - Lily Johnson, 6 PM to 9 PM
Friday	Closed

MAP TO THE SHOP



Saturday	Lapidary - Pete Bergeron, 9 AM to 12 PM, (Juniors, w/supervisor's approval) Library open 10 AM to 12 PM.
Sunday	Lapidary - Lily Johnson, 9:30 AM to 12:30 PM



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.

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