



**NOVEMBER 1997**

**MONTHLY BULLETIN OF THE MINERAL & GEM  
SOCIETY OF CASTRO VALLEY, INC. 1948**

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## **Dates to Remember:**

**General Meeting: Centennial Hall, 22292 Foothill Blvd., Hayward**

**November 12, 1997 - 7:30 PM**

**December 10, 1997 - 6:00 PM \* This is our  
Christmas Dinner Meeting!**

**Program for November Meeting: Mary Gavin  
from our Club will show slides and talk about  
lapidary work made by our very own members.**

**HAPPY THANKSGIVING**



**ALERT, ALERT, ALERT, ALERT**

**Please Vote and return enclosed ballot  
ASAP**

**Board Meeting: At Shop on:**

**November 10, 7:30 PM  
December 8, 7:30 PM**

# MINERAL AND GEM SOCIETY OF CASTRO VALLEY, INC. PETROGRAPH, 1997

This is the monthly bulletin of the MINERAL AND GEM SOCIETY OF CASTRO VALLEY, INC., a member of the California Federation of Mineralogical Societies, Inc., and the American Federation of Mineralogical Societies.

## BULLETIN POLICY

Anonymous contributions cannot be considered for publication in the Petrograph. However, if requested, the contributor's name will be withheld from the original material. The sources of other material will be indicated for proper credit. Permission is granted to reprint Petrograph articles when credit is given.

## 1997 OFFICERS

### Elected

President .....	Ron Hasemeyer (886-1747)
Vice President .....	Naomi Morgan (672-2458)
Secretary .....	Pauline Shirley (481-2500)
Treasurer .....	Mike Rives (657-7438)
3rd Year Director '95, '96, '97 .....	H. E. Neilson (784-1262)
2nd Year Director '96, '97, '98 .....	Carlos Castillo (365-4069)
1st Year Director '97, '98, '99 .....	Tom Ford (792-2223)
Federation Director '96, '97, '98 .....	Derron Korslad (537-0485)
Shop Foreman .....	Tom Miller (793-5950)
1997 Show Chairman .....	Doc Buschke (797-0744)
1998 Show Chairman .....	Bill Collins (276-3057)
Membership Chair .....	Candy Jones (671-7844)
Editors '97, '98, '99 .....	Laurie Denton and Sue Bolton (233-8821)
Past President .....	Ariand Stokes (581-8706)

### Appointed

Shop Steering Committee Chair .....	Tom Ford (792-2223)
Scholarship Chair .....	Joe Hammond (886-5095)
Special Shop Fund Administrator .....	Joe Hammond (886-5095)
Librarian .....	Fern Brown (357-1526)
Historian .....	Jamie McDonald (889-7808)
Junior Mentor .....	Ednah Antunovich (522-4214)
Purchasing Agent .....	Horace Robertson (278-1885)
Education Coordinator .....	Shirley Buschke (797-0744)
Field Trip Coordinator .....	Ron Hasemeyer (886-1747)
Parliamentarian .....	Doc Buschke (797-0744)
Club Publicity .....	Laurie Denton and Sue Bolton (233-8821)
Receptionist .....	Charlette Snyder (276-8524)
Host/Hostess .....	Charlette Snyder and Dick Duncan (276-8524)
Sunshine Reporter .....	Gene Hanzel (895-2322)
Door Prize Chair .....	Bob Raymond (278-2520)

### STAFF

Editors .....	Laurie Denton and Sue Bolton
Typists .....	Candy Jones
Printer .....	Ednah Antunovich
Advisor .....	Al Richter
Assembly Crew ....	Roman Groves/Diola Groves/Dick Minor/Clara Minor/Bob Raymond/ Billie Ashley/ Horace Robertson/Janice Garcia

**SHOP ACTIVITIES****MONDAY:**

BEGINNER'S HAVE PRIORITY IN LAPIDARY SECTION— other members need permission of shop supervisor. Flat lapping by permission of shop supervisor only. Bead Stringing, Faceting.

**TUESDAY:**

Square Wire Wrapping, Jewelry Designing, Bead Stringing, Wax Casting Preparation, Faceting 7 PM - 9:30 PM, Library open

**WEDNESDAY:**

Intarsia (12 PM - 3 PM)

Library - Open from 10 AM - 1 PM

**SHOP HOURS:**

Monday.....9 AM- 12:30 PM/ 7 - 9:30 PM  
 Tuesday .....9 AM- 1 PM / 7 - 9 PM  
 Wednesday.....9 AM- 3 PM / 7- 9:30 PM  
 Thursday.....12 PM - 3 PM / 7- 9:30 PM  
 Friday .....10:30 AM - 2:00 PM  
 Saturday .....9 AM - 2 PM  
 (Juniors — Adults are also invited)  
 Sunday ..... 10 AM - 12 PM

**ORIENTATION for NEW MEMBERS:**

At Shop, Monday, November 10, at 7:00 PM

**GENERAL MEETINGS** are held on the second Wednesday of the month at Centennial Hall, 22292 Foothill Blvd. Hayward, Ca. (except July and Aug).

Visitors are most welcome. Our next two meetings are on:

**November 12- 7:30 PM**

**December 10 - 6:30 PM - we**

**have our Christmas Dinner at this meeting.**

**For Next General Meeting:** Members' names who fall between **T and F** please bring finger food to the November General Meeting

**BOARD MEETINGS:** at the Shop

**November 10 - 7:30 PM**

**December 8 - 7:30 PM**

**PRESIDENT'S MESSAGE**

Now that everyone has been well fed by Doc's spaghetti crew the Club has lots of work for you.

1. Find in this bulletin a ballot and information on pages 11-12 on changing the Articles of Incorporation which was mentioned at the October meeting and approved by the Board of Directors at their meeting. These changes are necessary for the Society as some laws have changed in the last 50 years (when the articles were originally written) and will bring us into compliance with current California corporate laws.

PLEASE RETURN YOUR BALLOT A.S.A.P

2. At the November General Meeting you have the chance of electing the next Board of Directors.

**FELLOW ROCKHOUNDS NEED SUPPORT**

Our friends in the Contra Costa Gem and Mineral Society were dealt a cruel blow recently when they found out that the building where for many, many years they have been having their annual show, was no longer available to them. Like all Gem and Mineral Clubs, they financially rely on their show to cover the expenses of running their Society.

It would be really wonderful if our club members would make a point of making it to their show this month. We cannot afford to lose any Gem and Mineral Clubs.

When: November 8 & 9, Sat & Sun, 10 - 5  
 both days

Where: their new location is: CENTRE CONCORD, 5298 Clayton Rd. Concord, CA  
 I believe the nearest cross street is Ignacio Valley Rd.

**UPCOMING SHOWS, EVENTS AND FIELD TRIPS**

Oct. 31- Nov. 1-2, *SHOW*, San Diego, CA  
 Palomar G & M Club and Council of San Diego Co. Min. Soc., Al Bahr Shrine Center, 5440 Kearny Mesa Rd. Adjacent to Hwy 163,  
 Hours: Fri & Sat 10-6, Sun 10-5, Bob Savino  
 (760)752-9559

Nov 1-2, *SHOW, Arroyo Grande, CA*  
Orcutt Mineral Society, South County Regional Center, Hours: Sat 10-6, Sun 10-5, Wes Linderfelt (805) 929-3788

Nov 1-2, *SHOW, Fontana, CA*  
Kaiser Rock and Gem Club, California Steel Industries, 9400 Cherry Ave, Hours: Sat 10-6 Sun 10-5, Gary Palmer (760) 366-2990

Nov 1-2, *SHOW, Ridgecrest, CA*  
Indian Wells G & M Society, Desert Empire Fairgrounds, Sage Hall, 520 S. Richmond Rd. Hours: 9-5 both days, tailgaters & dealers invited call: John DeRosa (619) 375-7905

Nov 1-2, *SHOW, Riverside, CA*  
Valley Prospectors, Jurupa Mts. Cultural Center, 7681 Granite Hill Dr., Hours: 9 - 3 both days, Bural LaRue (909) 874-5664

Nov 7-9, *SHOW, Eureka, CA*  
Humboldt G & M Society, Redwood Acres, 3750 Harris, Hrs: Fri 8-6, Sat 10-6, Sun 10-5, Dale Brown, (707) 839-3876

Nov 8-9, *SHOW, Concord, CA*  
Contra Costa M & G Society, Centre Concord, 5298 Clayton Rd., Hours: 10 - 5 both days, Mary Bufton (510) 935-2081

Nov 8-9, *SHOW, Oxnard, CA*  
Oxnard G&M Society, Oxnard Convention Center, 800 Hobson Way, Hours: 10-5 both days, Reagan Clark (805) 647-6230.

Nov 13, *Boulder City, Nevada*  
The Boulder Gem Club, Boulder City Library, Community Room, 813 Arizona St., Hours: 9 - 5:30, Sam Borges (702) 293-5853

Nov 14-16, *SHOW, Roseville, CA*  
Sacramento Mineral Society, Placer County Fairgrounds, Hours: Fri 9-5, Sat & Sun 10-5, Les Clark (916) 421-4752.

Nov 14-16, *Pomona, CA*  
Mineralogical Soc. of So. Calif, Fairplex, Building 4, Hours: Fri & Sat 10-7. Sun 10-5 R.Hurst

Nov 22-23, *Livermore, CA*  
Livermore Lithophiles, "The Barn", 3311 Pacific Ave. Hours: 10-5 both days, Dick & Joyce Friesen (510) 447-8223

Nov 26-30, *SHOW, Holtville, CA*  
North Island G&M Society, Holt Park, 5th and Holt, Outdoor Rockhound Round-up, Hours: 9-4 each day, Simon King (619) 444-3731.

Nov 29-30, *SHOW, Barstow, CA*  
Mojave Desert G & M Society, Barstow Community Center, 841 S. Barstow Rd. Hours: Sat 10-6, Sun 10-5 Bob Depue (760) 255-1030

Nov 26-30, *FIELD TRIP, Jade Cove, CA*  
Collect Jade, Franciscan Jasper, pan for gold, Plaskett Creek Campground, near Lucia, Call Marc Mullaney for details: (408) 971-6651 home, (510) 426-2656 work, (408) 266-5364 fax

Dec 6-7, *SHOW, Orangevale, CA*  
Orangevale Belt Mineralogical Society, San Bernadino Women's Club, Cnr of 31st and E, Hrs: Sat 20-6, Sun 10-5, Candy Webb (909) 788-4795

Dec 13-14, *SHOW, Yuba City, CA*  
Sutter Buttes G & M Society, Yuba/Sutter Fairgrounds, Franklin Hall, Hrs: Sat 9-5, Sun 9-4, Ed Eden (916) 674-8605

FOR FLYERS ON FIELD TRIPS, CHECK THE FIELD TRIP FOLDER ON FIELD TRIP BOARD. PHOTOCOPY WHAT YOU NEED AND LEAVE ORIGINALS IN FOLDER, NBFT- North Bay Field Trip is an organization of bay area clubs that when hosting a field trip allow members of other clubs to attend. MGSCV is a member of NBFT.COOP- is similar to NBFT in the Sacramento area. NBFT & COOP have an agreement that allows members to attend each others field trips.

## MINUTES OF THE BOARD MEETING Oct. 6, 1997

-The meeting was called to order by President Ron Hasemeyer at 7:30pm.

-Voting Members present: Naomi Morgan, H.E. Neilson, Carlos Castillo Vernon Korstad, Tom Miller, Doc Buschke, Bill Collins, Laurie Denton, and Arland Stokes.

-Non voting Members present: Joe Hammond, Fern Brown, Gene Hurn.

-The minutes of the Sept. meeting were approved as published in the Petrograph. Bill Collins moved, H.E. Neilson seconded, motion carried.

**Committee Reports**

-Joe Hammond, Scholarship. Gave a financial report. Ed Rigor is working on the pendant for the auction.

-Laurie Denton, Editor, needs volunteers to do two library display cases.

-H.E. Neilson, Asked for clarification on a couple of matters on behalf of individual members. Referred to steering committee.

-Nominating Committee. Slate will be announced at the General Meeting.

-Fern Brown, Library, everything fine.

-Naomi Morgan. The speaker for the Oct. general meeting will be Bill Walsh.

-Doc Buschke, plans coming along fine for the Spaghetti dinner.

-Bill Collins, Show Chairman. Has been setting up dealers for show.

-Vern Korstad, Federation Director. Gave report on the latest C.F.M.S. Newsletter.

**Unfinished Business.**

-It was proposed to increase the Federation Directors Budget by \$400, Tom Miller moved, Naomi Morgan seconded, motion carried.

**New Business.**

-Ron Hasemeyer cannot attend the Oct. 25 North Bay Fieldtrip meeting in Napa.

-It was agreed to accept the modifications to the Articles of Incorporation, H.E. Neilson moved, Bill Collins seconded, motion carried.

-Meeting adjourned 8:10pm

Respectfully submitted

Pauline Shirley, *Secretary.*

**MINUTES OF GENERAL MEETING**

Oct. 8, 1997

The meeting was called to order by President Ron Hasemeyer at 7:40pm.

-There were 90 members and 2 guests present.

-The minutes of the previous meeting were not voted upon as many people had not yet received the Petrograph.

**Committee Reports.**

-Vern Korstad, Federation Chairman. Vern urged the members to think about

putting a case in at the Federation show in Monterey next year.

-Education: Shirley Buschke. There will be a soldering class starting. Members who have not had this class previously will be given preference, sign up sheet in shop.  
**New Business.**

-Nominating Committee. Ron Hasemeyer read the list of nominees for next years officers. Nominations from the floor and election will be held at the November meeting.

-Ron Hasemeyer reported that our tax advisor recommends that we update our Articles of Incorporation. The membership will be voting on this at a future meeting.

-Frank Schlotter spoke about the camp run by the California Federation each year the week after Labor Day.

-Doc Buschke asked for a round of applause for all who helped with the Spaghetti dinner.

-Horace Robinson has lost an ivory bolo and two rings, if anyone found them please return to Horace.

-Winners of rings donated by John Gullak: Arland Stokes, Marjorie Stokes.

-The Attendance prize of \$150.00 was drawn for Cathy Godric who was not in attendance.

-Door prize winners, Guests: Rocky Huang, Connie Pacheco. Members: John Gordon, Jeanette Korstad, Gene Hurn, Willy Kochendorfer, Jamie McDonald, Buz Odom, Lily Johnson, Joan Saiz.

-The speaker tonight was Gene Hurn who gave an interesting talk about what can be found with a metal detector.

Meeting adjourned at 8:15pm  
Respectfully submitted,  
Pauline Shirley, *Secretary*



End Cutting Nippers



Flat Nose Pliers

## SHOW UPDATE

Our annual show is being brought together by the various chairpersons. This will be the best yet if we ALL work at it. We will need a lot of help from a lot of people to do it. When called upon all you need to say is yes.

Mary Bufton will be putting invitations to exhibit your wares in the Petrograph each month till show time. It will explain everything. Two people may want to get together to put in a case. Try it, you'll like it. Also, Adrian Dyette will be putting a form in the Petrograph for you to put something in the competition case. There are several categories so one will be for you. This can be very good for newer members. It will show where you need improvement, if you need any!

Remember, the show is a joint venture. It takes all of us, not just the same (old) people. So when Joan Warren calls remember what you are supposed to say. Yes, yes.

Your Show Chairman,  
Bill Collins



## 1998 SHOW RAFFLE

I should have our raffle pendant in time for the November meeting. Make sure you take a look at it, as it is beautiful. Then plan on helping sell some tickets.

Our Show Auction case is beginning to look pretty good. If you have not contributed something and do plan to do so, please do it as soon as possible. It takes time to label and list the items and have the list printed to give to prospective bidders. Late contributions do not get on the list and are neglected. Thanks,

Joe Hammond

## PUBLICITY FOR OUR SHOW

Several items that need to be mentioned here. As we know, without our Show, we would have no Shop, ie. No Show = No Shop. In the hussle and bussle of living we take for granted that it will always be there, that it has a life force of it's own. Well, we all know that's not true. My point being that MORE THAN EVER we all need to be creative about GETTING PEOPLE TO COME TO OUR SHOW. It is our oxygen.

If you come in to Shop you may have noticed on top of the jewelry supply table a stand/box for holding the small flyers. We need to have these distributed around the Bay Area in places where people would help themselves to one. For eg. your dentist, doctor, health center, butcher, florist, barber shop, salon, restaurant, coffee shop, etc. are the kinds of places where people take time and will look at something like a flyer. Ask your kids to pass them out at work. Assume nobody knows about the Show, and we need to get the word out for the first time. People are really busy these days so we just need to be the squeakiest wheel around, and be the event that people choose to go to on that particular weekend. The rockhounds in the area will come to our show cause they can't help themselves!!!, the folks we need to reach, are those looking for something interesting and enjoyable to do that weekend. Besides, that's where our new members will come from. I am getting some bumper stickers made for our vehicles as well as some signs to put up in windows. They will be available at shop some time in the New Year, if not before.

I am also looking for volunteers to put up a display case at the Union City Library on Alvarado-Niles Rd., and the Dublin Library on Amador Valley Blvd. This is a great way to get free advertising for the Show and the Club. Thanks,



Laurie Denton, Publicity Co-Chair

## OUR NEWSLETTER

I am amazed by the lack of response I have had from members about writing something for the Petrograph. What's going on??? I know that rockhounds love to tell a good story. Maybe I should say how really easy I am to reach. In the library room at Shop, on top of the filing cabinet near the copier, I have a slot marked "editor" that you are welcome to drop the smallest note into. Really. You do not have to write like Mark Twain, although he sure could tell a good story, just do like me and muddle along. I'm not a great academic type and here I am typing away at a miracle what love of rocks will make you do!! Let's hear from our members.

Laurie Denton, Editor

## Let's Plan Ahead

It is that time again, the Christmas Dinner is coming up and this year Jamie McDonald will be the hostess. First of all we need 4 brave souls who are good cooks, to cook the turkeys. The turkeys are provided by the club. Bring your favorite side dish, enough to feed 8-10, besides your family.

We will need volunteers to set up, serve, and clean up. Please sign up if you want to help. There will be a sign up sheet at the Nov. meeting or call Jamie McDonald at 889-7808. From years of experience we never get enough people on cleanup duty. To avoid confusion, please sign up or call Jamie for the job you want to do or call Jamie. If they wish, servers may eat in the kitchen before dinner!!

Jamie McDonald,  
Hostess for Christmas  
Dinner



## WELCOME, WELCOME, WELCOME TO OUR NEW MEMBERS

Listed below are new members that joined our club during the last couple of months. Our club has continued to grow with the help of both veteran and new members, all of which bring new skills, new challenges, and new ideas. Please join with me to welcome our newest members:

To welcome our newest members:

- BILL & JESSIE JEANS
- ROGER & SHERYL JENKINS
- DAVE & CATHY CLAYTON
- WILLIAM & ROSEANNE PROTO
- LAURA BRANSCUM & NE PROTO
- PAMELA CERRUTI
- KEN COLLIER
- LYNDA COOK
- DONNA DONOHUE
- GENE EDMONDS
- JASON HACHLER
- STEVE HARRINGTON
- JUAN HEREDIA
- GAIL KALLOCH
- MARSHA MARTIN
- MARTIN PACHECO
- CRAIG ROITRA
- JAMIE RAE DeSPAIN
- JULIE ROACH
- BILL SCHWAB
- JIM TESCHLER
- ERNIE SANCHEZ
- CAROL JOY-OJEDA
- DOBY ALFONSO

Candy Jones, Membership Chair

Candy Jones, Membership Chair

## EDUCATION

Mary Wilson Howell will be starting classes in soldering. This class is restricted to those who had never had a class before. The club will furnish scraps to solder and the gas. After the class, participants must furnish their own gas. See the shop bulletin board for instructions and announcements. Cheryl Archer will teach a class in beading if there is demand. Call her. Wax class one of these Saturdays. Also helpers are available on Tuesday night, Wednesday AM.

Shirley Buschke, Education Ch.

Shirley Buschke

I want to thank all those people who helped make our spaghetti dinner a success from Joe Hammond who bought most of the supplies to John Gullik who made the sauce and Frank Slaughter who entertained us with his accordion playing and all the helpers including Joan Warren, Arland Stokes, Dick Miner, the Castillos, the Kochendorfers, Jim Barron, Ellen Placas, Dolores Barnes, Ednah Antunovich, Bill Luna, the Buftons, Ron Hasemeyer, Joyce Buhnerkempe, H.E. Nielsen and Larry Cloteaux who made a special bread for us.

Hope I didn't miss anybody.

Doc Buschke, Chairman.

## GEM OF THE MONTH



Today we have a pair. Our first gem was born in Russia but at the age of nine months his family fled Russia and settled in Germany. As the communist party came into office, it confiscated private property so those who could, fled. Our gem still has brothers and sisters in Germany. He finished school and through trade school became a painter. He also was proficient in cabinet making because training was thorough and if you were a decorator you picked up many skills. He migrated to Canada and one day visited relatives in Chicago. The U.S. sounded pretty good. By now he had found a wife so they applied to migrate to the U.S. His wife had a sister in New York who sponsored them. Immigrants had to prove they could earn a living and had to be sponsored by someone who picked up the bill. No welfare from Uncle Sam!

During the month of January the family visited a sister in California. Knowing about the snow back home they decided that this was the place. When asked how he got started in rocks he said the family visited a show at Castro Valley High School. All those pretty rocks talked to him

and he and the rest of the family, including the 2 boys they had, joined. "Changing a plain rock into something beautiful is so satisfying," he said. He likes all phases of lapidary and each rock presents a different challenge.

Our gem is a linguist. He studied English and French in Canada and can handle German. Russian--just a few phrases. A few years ago he returned to Russia to see if he could find anything out about his family but all records seemed to be lost. Our gem has a few other hobbies. He likes gardening and when asked what kind his answer was "Whatever I can fit between the rocks." He also grafts, experiments with soil mixtures and collects fossils.

Now his wife was born in Germany where she attended school. She migrated to Canada where she was a nanny. Her agreement was that she have time to go to school to learn English. Through mutual friends she met her husband. She recounted the hoops one went through to migrate to the U. S. She said she learned to read English through comic books. Her two sons grew up without T.V. And one graduated from Berkeley, the other Cal State University Hayward. Today one works in Livermore on computers. The other manages a TV station in Florida.

Flat lapping is our gem's favorite. When asked how she got started she said they traveled to many gem shows and she fell in love with flat polished slabs she saw in Sonora and figured family life wasn't going to change, so if you can't beat them join them. She has one first place for her slabs and several other ribbons. For years she and Viola Groves ran the snack bar at shows. Recently she has been sandwich lady. Every Friday she and Amy DeVoe used to polish slabs. She's still doing it and petrified wood is her favorite stone. Before retiring she work in a plumbing firm.

Our hard workers (he always helps set up and take down for the show and she works where needed) are Anna and Willie Kochendorfer.



**The Mineral and Gem Society of Castro Valley is spending a great deal of money on new equipment. Therefore from time to time, articles will be printed on the correct usage of this equipment. PLEASE TAKE TIME TO READ AND REVIEW YOUR TECHNIQUE. If you are confused, ask for help.**

### TRIM SAW

The trim saw is to be used for just what its name suggests--to trim. It is not meant to make slabs. That should have been done on another saw. Ask one of the saw men what to do. This includes gluing your rock to a piece of wood, writing instructions as to how you want your rock cut, putting your name on the wood block and PAYING the saw man. The club uses this money to replace saw blades.

Your slab should be placed flat on the table of the saw. Trim off any small chips that prevent you from doing this. Mark the cut you want to make. Slowly feed the slab into the blade. Cut only in straight lines. The speed you use will come to you with practice. Toughness and hardness of stones vary. If you see sparks, you are feeding too fast.

If you are working with an irregularly shaped slab, go slow because it is easy to tilt and the rock may grab the blade. Twisting can injure the blade making it unusable. One thing you can do is flatten one side on a grinder giving you a flat surface to feed into the saw blade. Or you may need to make a series of small straight cuts and finish the shaping on the grinder.

Our trim saws are cooled with water. Be sure the water is running on the blade. And clean up when you are through. If you have small chips, put them in the container. Other club members polish these and we sell jars full at the March show. Proceeds go back into the shop fund.

At the front of the saw there is a metal shield that helps prevent spray of water and debris on the sawer. The water is there to act as a lubricant and to wash the debris down. Eventually sludge forms at the bottom of the tank as the rock dust sinks and this must be cleaned periodically. Be sure to wipe the table surface clean.

### SLAB SAW

The principles of a stone cutting saw and a wood cutting saw are about the same. A blade is attached to a shaft, a pulley and belt arrangement connects the shaft with a source of power. The material is rested on a platform. A cooling system is also necessary to lubricate and cool the blades as well as wash away the rock dust. This is why periodic cleaning is needed.

**NO ONE IS TO USE SLAB SAWS UNLESS THEY HAVE BEEN CERTIFIED BY THE SHOP CHAIRMAN OR BILL COLLINS!** You can lose shop privileges if not certified.

The saw blade may be a rim notched blade or a sintered blade. The notched blade is cheaper. The sintered is more expensive and smoother in its operation. Keep in mind the cost is great for these blades. That's why charges are made for cutting and why the shop chairman is so angry about misuse.

Because of the precision of the blade, DON'T feed by hand. Instead a clamp must be used to prevent twisting or wobbling. The clamped rock is slowly fed to the blade.

Saw blades must be mounted on steel shafts thick enough to remain rigid and accurate while in use. The shaft must rest on bearings which permit easy but accurate spin. The saw must be able to remain true for long periods of time. Rocks take time to cut. These bearings require lubrication to keep the shaft centered and to

prevent friction. Modern machines are fitted with stout carriages to hold and move the rocks. Be sure the carriage slide is exactly parallel to the saw blade. Many new comers to sawing are so intent upon getting the maximum of slabs before reclamping, they forget the result can be twisting and ultimately destruction of the blade. As the saying goes in the gift shop, you broke it, you bought it. And no more sawing privileges. Some saws have an automatic cut off switch.

**GRINDERS--keep it moving!**

Grinders are wheels that are used to do just what the name implies--grind off excess rock for shaping. The abrasive may be sand, garnet, emery, silicon carbide. Most of the newer grinders have wheels of diamond. Grit on a grinder can be very fine or quite coarse. Coarse grit can be 80-100. After you have shaped your future cabochon or sculpture on the slab saws and then the trim saw, you should be ready to further refine the shape on a grinder. As you grind, the surface gradually wears away. This is why you must keep your cabochon-to-be moving or you will wear grooves in the grinder.

Water is necessary to help cool your stone, but more important, to remove excess rock dust and some of that grinder surface. The position of the stone is important because it is being held by hand. Hold your stone in position as if you are about to spread butter on bread. Support your arms so you don't force the machine to chatter. Our machines are designed to grind cabochons and small sculptures and the surfaces of "cubes" about to become spheres.

Steadiness is important so the stone is fed slowly and at a steady speed. The wheel must whirl fast enough to do the job without bumping or jerking. Avoid working too fast or pushing too hard. If you

see sparks, you are pushing too hard. Gentle does it. Examine your stone frequently. Fingers feeling the contour are an asset. Be careful or you won't have any fingernails. Use the WHOLE wheel while grinding. This means keep your stone moving. Grinder life is increased tri-fold if you use the whole wheel avoiding grooves.

You will find small scratches on your stone and the next thing is to get rid of those scratches. You do this by moving on to the sanders.

Softness of stone must be understood to know how to attack the grinder. Soft stones can grind too fast. As you grind be careful to avoid chipping. You can grind a bevel. Be sure to examine the wheel frequently. If the wheel looks white, you are not using water to remove rock dust.

If you are satisfied with the shape, the bevel--move on to the sanders.

## **ROCK RUMBLES**

I love the philosophy of some of our members. Our treasurer Mike Alves had spent ages polishing a cab of blue Victoria stone. It really was quite nice. When we complimented him, he said it fell off the dop stick so he guessed it was finished. And Wally Graham came in the other night. One of the saws was being cleaned and needed a new blade. He said he figured it wasn't a lost night. He got to sharpen a couple of his pencils. With members with a positive attitude like this we are bound to be a successful club.

The vacuum cleaner just wasn't picking up during the semi annual clean up. So the ingenious members decided to sweep debris into little piles and then periodically run the vacuum cleaner back and forth until they picked up the debris. Maybe we need a new vacuum. Any one have one that works?

Arland Stokes was about to leave on vacation when his brother in Susanville called and told him about a great rock buy. So he's off and bought 6 tons of rock. He has brought back two truckloads and has another to go. He took off time to go fishing so he still has another trip to make. On that fishing trip their boat hit a submerged log. Guess it was on the way to being petrified. You should have seen Sue Bolton climbing all over Arland's cache at the picnic. She was so busy saying "Ah" and "Great" she almost forgot to say "How much?" I think she bought half the truck load.

How nice to see a different face directing the club picnic. Hot dog cook and leader was H.E. Nielson assisted by Karol Harrel. Good food as usual. And lots of good buys from the tail gaiters.

ATTENTION FIELD TRIPPERS--Treatment for a rattlesnake bite is to apply a tourniquet about 4 inches closer to the heart than the bite. Tighten just enough to halt the flow of blood in surface blood vessels but not tight enough to stop the pulse or the arterial flow. Then get the person to the hospital as soon as possible. Which means you should know before you go where emergency services are. 911 doesn't work in the middle of the desert. Cutting and sucking is no longer the suggested treatment.

Recently new member Marcia Martin was busy working on cabochons as was Clarence Boyle. Clarence usually is working on his 15th sphere which he is preparing for the March Show but the sphere machine was under the weather, so he resorted to cabbing.

Thank goodness for members like Art Howell. He discovered major problems with the flat lap and he is working on getting it fixed. Seems an abundance of grit got into the works and it doesn't work anymore.

David Clayton was busy polishing a beautiful piece of jade the other Saturday. He also had a hunk, polished nicely around his neck from Monterey Bay. He dives for the stuff. By the way there was a jade fi-

esta near Big Sur. Every October, I think--

All members should enjoy the November meeting if all the work Mary Gavin has been doing is a mark of potential success. She has taken pictures of the works of dozens of our members. So if you want to try a new technique, after November's meeting, you should know who to ask for help.

I wish you members would sign your name so I can read it. How can I come around looking for someone I haven't written about if I can't read your name. I like to stay put and do some personal work although Doc thinks I spend most of my time chatting. I tell him I am getting educated.

The shop chairman Tom Miller wants each of you to read and reread the instructions on using shop equipment. Sometimes the abuse is a result of not knowing what to do. PLEASE ASK THE EXPERTS FOR HELP.

Thanks to Gene Hurn who stepped in at the last minute to present our program. The original program fell through because of conflicts but Bill Walsh volunteered to fill in. He ended up in the hospital so Gene took his place. Gene is one of our casters.

Thank you to all those cleaner uppers in September and especially to Mary Wilson, Jamie McDonald and Peggy Lee who cleaned tables and glass show cases on Friday because they couldn't make it on Saturday. How's that for appreciation of our facilities.

## SUNSHINE REPORT

Ozzie (Larry) Osborn has been in Stanford Hospital with heart surgery. We all hope that you're feeling better Ozzie, and we send you the best of wishes for a speedy recovery. May you be back at shop soon. For updates on Ozzie, check the notice board at shop.

Also, we are happy to know that Helen Paterson is feeling better after her shoulder surgery and that the therapy she

is taking really does help one recover.

Some people love to watch those BIG hot air balloons, Janice Garcia went all the way to Albuquerque to watch lots and lots of them!!! Marie and Del Jones made a trip back East for a WWII Ship Reunion. They had a leisurely drive back home visiting lots of friends along the way. And Ed Hanzel wanted us to know that his legs are still weak from his days chasing the girls when he was a young sailor, or was it chased by.

## IN SEARCH OF A SKY

He's off to the north in search of sky material for his intarsia. He remembers clearly the great collection at Rock Creek, British Columbia. Might as well look along the way. He stopped off in Prineville, Oregon. The community was an early Quartzite type place. Today there are two major rock shops there. Our intarsia expert, Vern McCullough was also looking for white rocks, so of course, he bought black. Further on he and Lenore Brest stopped at Richardson's Ranch (about 30 miles from Prineville) where he found that white rock he wanted. He was also looking for polka dot agate. The proprietor sent him to the barn where he bought 90 pounds. He would have bought more but he was saving cargo space for that sky. He ended up shipping this home and it was sitting in his living room when he got home. The UPS strike was over. He also found out he went to the wrong Barn.

Finally sight seeing took over, so it was off to Grand Coulee Dam. Many years ago while in school Vern considered working there but school won out and he went on to finish school in Washington. He was curious to see what he missed.

Rock Creek was their destination and finally they reached it. Here Vern wondered whether he had a mental picture that never existed or a poor memory. There was a new owner and very little quality rock. It seemed the new owner was not mining the claim and was selling off much of the inventory. So he bought some and

when slabbed at home he has been very disappointed.

The real vacation began when they headed for Victoria. Vern remembered a ferry trip over and back years ago. That took four hours each way leaving very little time for sight seeing. This time they went on the Victorian Clipper which made the trip in two hours each way. They purchased a tour and spent most of their time at Bouchard Gardens. They also invested in a TV tape of the place because you can't see everything in the time they had.

They returned through Jacksonville which is an art colony with some rock hound and jewelry stores. Lenore could catch up on the latest art in Oregon.

The rest of the trip home they said was uneventful. This means no rocks!

## Zzyzx Time Again

By Isabella & Bill Burns, & Ray & Florence Meisenheimer

The Earth Science Studies committee is now making plans for a week on the desert at Soda Springs, also known as Zzyzx. This is our thirteenth year.

We are working on interesting programs and exciting field trips, which will include trips, to old mineral mines. Bob Jones from Arizona, a famous mineralogist and well known speaker will be with us for the entire week.

Facilities are rustic, with double occupancy and dorm style rooms. Bathrooms and showers are in a separate building nearby. Meals will be catered, with food sent along on field trips.

Workshops include cabochons, bead stringing, silver-smithing, sculpting, and wire fabrication.

There is ample room for recreation vehicles.

The dates for this study group is Sunday, March 15 to Sunday March 22, 1998. The fee is \$200.00 per person.

We are looking forward to a very interesting week-long program. A form for joining us at Zzyzx is included in the CFMS Newsletter, which is in the library room on the desk. If you are interested, photocopy form from Newsletter.



4620 Doe Street  
Shingle Springs, CA 95682-8478

Telephone: 916-677-9333  
E-Mail: kokinos@directcon.net

September 23, 1997

Mr. Mike Alves  
40725 Penn Ln.  
Fremont, CA 94538

Subject: Mineral and Gem Society of Castro Valley

Dear Mike:

The Society did not send a copy of the Internal Revenue Service letter changing the exempt status to the Franchise Tax Board within six months. The Franchise Tax Board now requires a complete application to change status. A filing fee of \$25.00 must accompany the application.

I have enclosed a copy of page 1, 2 and 6 of Form 3500 (application for exemption). I would appreciate it if you could prepare a draft response. On receipt of the draft, I will finalize it based on my knowledge of the Board's methods. Since I will be requesting retroactive change of exemption, any tax on interest income paid for tax years 1994 through 1996 will be refunded with interest.

I have also enclosed a certificate of amendment of the articles of incorporation. The Franchise Tax Board will not grant a change of exemption without a dedication and dissolution clause. Since incorporation of the Society, federal and state law have changed to require the language used for the amendment.

Based on the California Corporations Code and the Society's articles of incorporation, a majority vote of all voting members is required for the amendment to be filed with the Secretary of State. When the amendment has been approved by the Society's directors and then the members, I will prepare the final for submission to the Secretary of State. A fee of \$30.00 must accompany the amendment (4 copies).

If you have any questions, you can call me at the above listed telephone number days and evenings.

CERTIFICATE OF AMENDMENT  
OF  
ARTICLES OF INCORPORATION

AND CERTIFY THAT:

1. They are the President and Secretary, respectively, of the mineral and gem Society of Castro Valley.

2. Article EIGHTH, dedication of assets, of the articles of incorporation of this corporation is added to read as follows:

EIGHTH: Dedication of assets

(1) Notwithstanding any other provisions of these articles, the Corporation shall not carry on any other activities not permitted to be carried on (a) by a corporation exempt from Federal income tax under section 501(c) (3) of the Internal Revenue Code of 1986 (or the corresponding provision of any future United States Internal Revenue Law or (b) by a corporation contributions to which are deductible under section 170(c) (2) of the Internal Revenue Code of 1986 (or the corresponding provision of any future United States Internal Revenue Law.

(2) This corporation is organized and operated exclusively for educational and charitable purposes within the meaning of Section 501(c) (3) of the Internal Revenue Code.

(3) The property of this corporation is irrevocably dedicated to the earth sciences and related purposes and no part of the net income or assets of this corporation shall ever inure to the benefit of any director, officer or member thereof or to the benefit of any private person. Upon the dissolution or winding up of the corporation, its assets remaining after payment, or provision for payment, of all debts and liabilities of this corporation shall be distributed to a nonprofit fund, foundation or corporation which is organized and operated for earth science purposes and which has established its tax exempt status under Section 501(c) (3) of the Internal Revenue Code.

3. The foregoing amendments of articles of incorporation have been approved by unanimous vote of the board of directors.

4. The foregoing amendment of articles of incorporation has been approved by the members in an election conducted by written ballot in accordance with Section 7813.5(b) (ii) of the California Corporations Code. (2)

(1) must be unanimous

(2) only need of meetings usually attended by less than 50% of members. IRS should have made society 501(c)(3). what language here -

# BALLOT

Please vote and return ballot to Shop or mail to Society  
**ASAP**

On pages 11 & 12 of **this PETROGRAPH**, you will find a letter from our Society's Tax Advisor as well as the recommended changes to our Articles of Incorporation. **The Board of Directors** (October meeting) have voted to recommend the changes be made. Also see President's message in November **PETROGRAPH**. This ballot is for two members who share a Petrograph.

- Change and update the Articles of Incorporation as recommended.
- Keep the Articles of Incorporation as originally written.

- Change and update the Articles of Incorporation as recommended.
- Keep the Articles of Incorporation as originally written.

Please note that the other side of this ballot sheet contains the return address already printed out for you. Fold and staple sheet, place stamp in box (thank you), and mail A.S.A.P.

place  
stamp  
here

BALLOT

Mineral and Gem Society of Castro Valley  
P.O. Box 2145  
Castro Valley, CA 94546



THE MINERAL & GEM SOCIETY OF CASTRO VALLEY

\* \* \* AN INVITATION \* \* \*

The Mineral & Gem Society of Castro Valley invites you to be an exhibitor at our 52nd annual show March 6, 7 and 8, 1998 at Centennial Hall, 22292 Foothill Blvd., Hayward CA. Your material would be an interesting addition to our show. If you want to exhibit, but do not have or are unable to bring your own case, our club will furnish a case with lights (no liners or risers). Show set-up time is 3 PM to 8 PM Thursday, March 5, 1998. MGSCV will furnish dinner around 6 PM.

All YE OLDE TIMERS: There will be a continental breakfast Sunday, March 8 at 8:30 AM at Centennial Hall.

\* \* \* EXHIBIT APPLICATION \* \* \*

Name of exhibitor(s) \_\_\_\_\_ Phone \_\_\_\_\_

Address including City & ZIP code \_\_\_\_\_

Member of \_\_\_\_\_

I will exhibit (how many cases) \_\_\_\_\_ I will not exhibit \_\_\_\_\_

I have a case: Upright \_\_\_\_\_ Slant front \_\_\_\_\_  
size: H \_\_\_\_\_ W \_\_\_\_\_ D \_\_\_\_\_

I want to borrow a club case \_\_\_\_\_ ( 4-foot upright, no liners or risers)

Describe material to be exhibited, i.e., carvings, jewelry, minerals, etc.:

\_\_\_\_\_

Total wattage per case not to exceed 150 watts.

24-hour security provided; however MGSCV assumes NO responsibility for any loss or damage to exhibitor's property.

\* \* \* RETURN \* \* \*

Your cooperation in returning this form AS SOON AS POSSIBLE indicating whether or not you will exhibit will be appreciated. Please return to address on other side of this form. Confirmation of your application to exhibit along with space number will be sent at a later date. If you have any questions, feel free to call. Thank you.

\* \* \* See you at THE SHOW \* \* \*

*Jim*  
Jim & Mary Bufton  
Exhibitor Co-Chairs  
(510) 935-2081



\* \* \* PLEASE return as soon as possible but NO LATER than December 31, 1997. \* \* \*

# THANKSGIVING FIELD TRIP

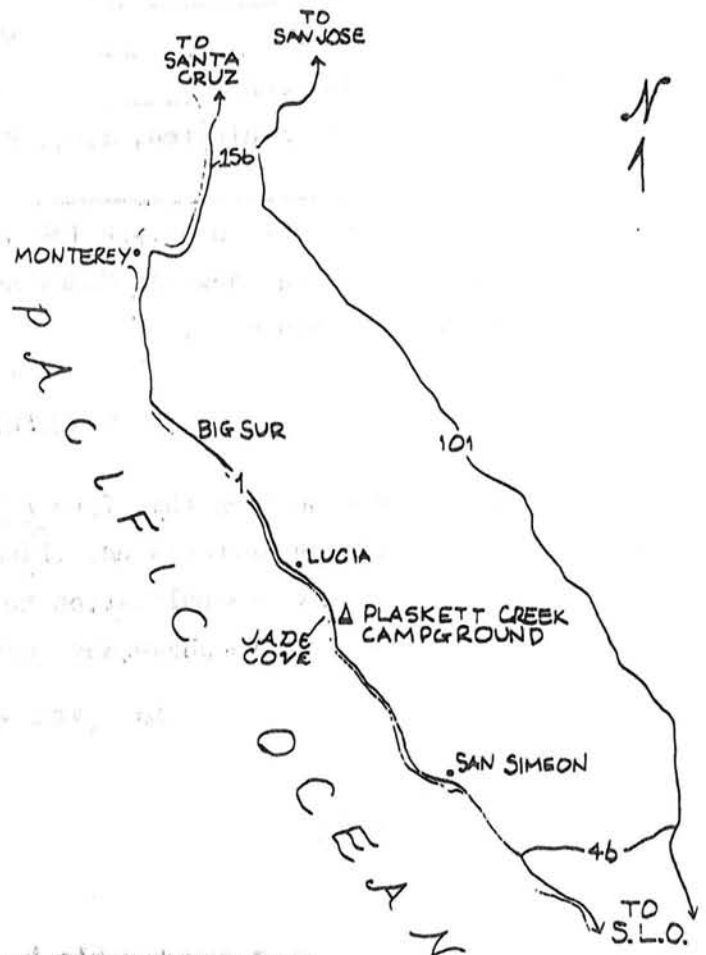
- Who:** Santa Clara Valley Gem & Mineral Society
- What:** Jade collecting, Franciscan Jasper, gold panning, Thanksgiving Day potluck, Saturday potluck (for leftovers), and fun, fun, fun. All collecting must be above mean high tide. More collecting details will be available at the campsite.
- When:** November 26 to November 30, 1997
- Where:** Plaskett Creek Campground, 9.5 miles south of the town of Lucia on beautiful Highway 1.
- Costs:** One group spot is reserved for \$9.00 per night per vehicle. Maximum RV length in the group sites is 20 feet (with some flexibility). Only 10 vehicles per group site, so make your reservations early. Individual campsites are available on a first come, first serve basis for \$16.00 per night. If there are enough people reserved in advance a second group site can be reserved. Thanksgiving potluck will be a sign up potluck so call Marc with what you want to bring. A second potluck will be arranged for Saturday.

For further details or to mail your reservations contact:

Marc Mullaney  
P.O. Box 720621  
San Jose, CA 95172

Phone: home (408) 971-6651 work (510) 426-2656

Fax: (408) 266-5364



**MINERAL AND GEM SOCIETY OF CASTRO VALLEY**

**SPECIAL COMPETITION FORM**

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_ PHONE \_\_\_\_\_

Type of Entry:

Three Stone

\_\_\_\_\_ Full Case

\_\_\_\_\_ Cabochons

\_\_\_\_\_ Flats

Single piece

\_\_\_\_\_ Jewelry

\_\_\_\_\_ Sphere

\_\_\_\_\_ Carving

\_\_\_\_\_ Intarsia

\_\_\_\_\_ Faceting

\_\_\_\_\_ Whimsey

\_\_\_\_\_ Square wire jewelry

A case will be provided. You need to provide your own labels and stands. Send form or furnish to:

**Adrian T Dyette**  
**38438 Moab Dr**  
**Fremont, Ca. 94536**

*Please have entries in by February 28th*

## YEARLY DUES

- Couple (\$30, Jan. 1 to Dec. 31); (\$15 July 1 to Dec 31), plus \$1 for each active Junior (ages 11 - 17).
- Single adult (\$20, Jan. 1 - Dec. 31); (\$10 July 1 - Dec. 31).
- \$5 per single Junior without parents in the club.
- Associate Membership (former members living more than 100 miles from Castro Valley) is one-half regular dues.

## GENERAL MEETINGS

- General meetings are held the second Wednesday of each month (except July and August) at 7:30 p.m. at Centennial Hall, Foothill Blvd., Hayward, CA

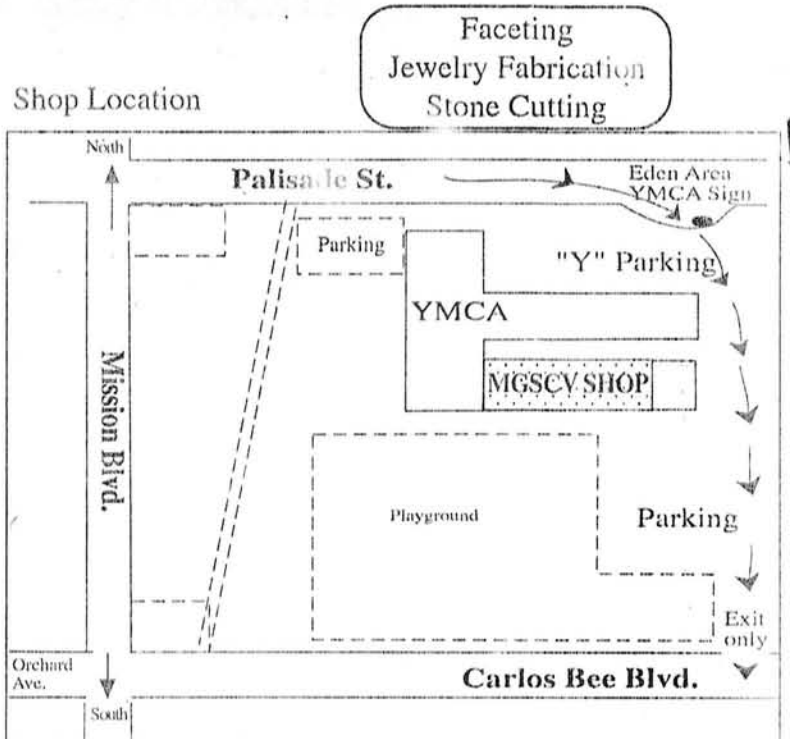
## PETROGRAPH

### *MINERAL AND GEM SOCIETY OF CASTRO VALLEY*

CO-EDITORS: Laurie Denton and Sue Bolton  
P.O. Box 2145  
Castro Valley, CA 94546

## Dated Material/Time Value

**OUR SHOP**  
951 Palisade St,  
Hayward, CA  
(510) 881-9430



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