

THE BULLETIN

September 2024

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**LET'S HAVE A BIG
WELCOME TO OUR NEW
CLUB MEMBERS.**

Paul Figureora
Irwin Bettman



**WE LOOK FORWARD TO
SEEING YOU AT THE CLUB!**

PRESIDENTS MESSAGE:

Greetings to all members and friends.

I hope you and your loved ones are doing well and enjoying our last weeks of summer.

All is well at the clubhouse, and we continue to schedule and plan activities that appeal to all.

Last Saturday, Mark led a fieldtrip to the Alf museum of paleontology for the Junior rockhounds and interested adults. I am told we had a great turnout.

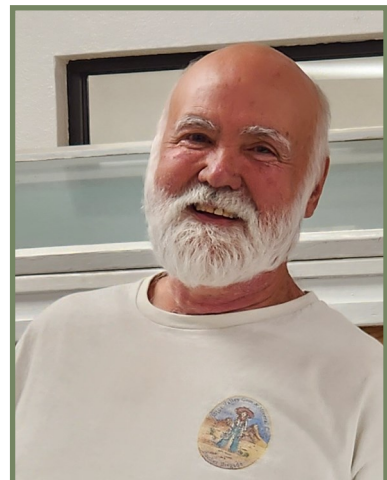
Next up we have education night on Tuesday, Sept 10th at 6PM. Pam Trozera will be leading a discussion of the ins and out of tumbling. There may even be some of the clubs tumblers for sale. Watch for an email with further details about the tumblers, as well as another article in this newsletter about the education night.

But please, this is your club, we need your input on what you would like to see as far as activity and classes.

Also, we have board elections coming up in November, and again, this is your club, so please get involved. This club doesn't run itself! Right now, we will need someone to be our recording secretary for 2025. This involves taking notes at our instructors, board and general meetings. If you have the desire, ability and time for this important job, please let me know. We need your help.

Dave Duncan
President

POT LUCK 9/21/24



FIELD TRIP REPORTS FROM WAGON MASTER SCOTT GRAY

Summer is winding down! Finally! Let's get back to the field and find some rocks!

I am gearing towards the first trip of the Fall to be late September, weather permitting. We will be heading to the Ludlow area, specific site to be determined. I'd like to stick to the general area of The Cady's for the next couple trips; everyone comes back with great stuff from Lavic and the South Cady locations and we may even do a 4WD trip to the north side! Check Facebook and, of course, the newsletter for any updates. Also in the planning will be a return trip, probably in December, to The Princess Pat Mine for fluorescents including scheelite, calcite, wollastonite, and quartz. This will be a nighttime trip and a short wave ultraviolet will be required. I will update the trip info as we get closer to December and will include links to sites to purchase a shortwave lamp if you already do not have one. Keep in mind most of the uv lights available on Amazon are mid-wave and will not work very good at the Princess Pat. A decent shortwave light can usually be purchased for a hundred dollars or less so start saving your change if you don't have one! See you soon!



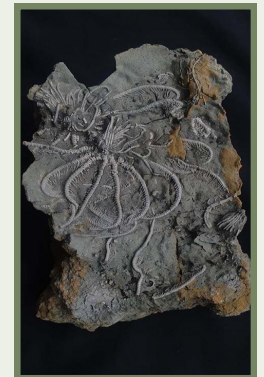
AND MORE FROM SCOTT...OFF SEASON ROCKHOONDING

While it is still a little too hot to be gallivanting around the Mojave looking for stones there is still a way to get your "rock on" and, hopefully, find some sweet goodies: flea markets, yard sales and even thrift stores! There are rockhounds everywhere in So Cal, even more so their collections that have sometimes been collecting dust. Every year the club does specific trips to Diamond Pacific, The Sisters and most recently Scott and Didi's aka Let's Get Stoned Lapidary; all great places to find treasures. Which brings us to the topic at hand: the secondary markets that are not specifically geared to the hobby. The Idea situation is to run into rough or even "old stock" material that to an uneducated eye is "just another rock". It's an unfortunate truth none of us are getting any younger and as we shuffle off our mortal coil our loved ones may be left with a pile of "rocks" that they have no idea the value or the worth of. One person's trash may become another person's treasure, something I can attest to! I've found great stuff at every common secondary market: Bruneau Jasper nodules and a milk crate full of howelite from a secondhand store, boxes of slabs, agates, and a nice piece of gem silica from the flea market and even a killer agate and a couple small geodes for 5 bucks at a yard sale. The same goes for lapidary for equipment. I purchased most of my equipment I own at flea markets and second hand shops; including a 10" saw, 6" trim saw, flat lap, and many a tumbler for well under what one would pay from another hobbyist or dealer. Right place at the right time is the name of the game so if your a bargain hunter like I am and hit a yard sale or pop into the local thrift store keep your eyes peeled...you never know what you might find!



ATTENTION

We still have the Ingersol-Rand compressor and sand blaster for sale for the very best offer over \$100. This is an incredible opportunity for someone who is preparing fossils and some types of rock.



Education Night

Wire Weaving

Featuring Ody Oriva

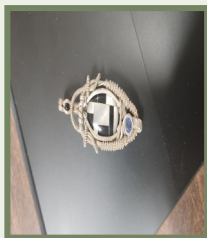
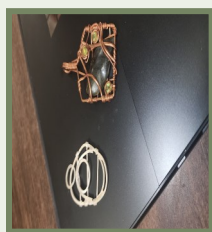
There were about 15 members in attendance to the August Education Night for August. The night featured Ody Oriva and his wire weaving skills.

The first suggestion from Ody was to make your first few weavings of copper as it is far less expensive than silver. Let alone gold! He gave a list of tools that will make the project go more smoothly for you. Both flat and round pliers and snips to cut the metal.

Metals can be obtained from KITCO, Rio Grande, Amazon and, David H. Fell and Company. Harbor Freight has cheap copper for sale too.



We watched Ody do some weaving while describing his steps in the process. Thanks to Ody for sharing his skills with us.



Our next Education night will be on the 9th of September and will feature Pam Trozera who will discuss rock tumbling. As Dave said earlier there may be some tumblers for sale as well.

**Of Interest Locally
The Mojave River Natural History
Association**

The Mojave River Natural History Association will be hosting **Apple Day** at Silverwood Lake Visitors Center, on October 12th.

Every year the Association harvests the fruit from the old apple trees, some close to 100 years in age. These trees were left over when the town of Cedar Springs was drowned when the State water project created Silverwood in the 1960's.

If you wonder what juice from 100 year old trees might taste like, go up to the mountains and have a sip.

**Introducing the club
Microscope**

If you've been to the club lately, you may have noticed the binocular microscope sitting on the bench where we keep the All You Needs. Please feel free to explore and use it. You will find a switch on the back left of the base to turn on the illumination lights. You can select transmission, reflective or both. The focus is the knob on the right.

The club had this locked up in one of the cabinets and I'm not sure how long we have had it.

Anyway, it is now out for you to use. Give it a try and you will see a whole new world waiting for you in your rock!

BIRTHDAYS

September 2025

Best wishes to you all!

- Dwayne Lowery
- Stina Smith
- Dwayna Barron
- Robert Ashwell
- Daniel Greenberg
- Cristiane Stoll
- Anthony Henson
- Jack Villars
- Samhara Hernandez
- Gina Grimm
- Rosemary Garcia
- Dagmar Miller
- George Ellison
- Rodney Wilson



**SEPTEMBER BIRTHSTONE
SAPPHIRE**



Sapphire is the official birthstone for September. A gemstone that embodies elegance, and enduring beauty. It has a rich history, color, and symbolic meaning which make it a perfect choice for custom jewelry. Occurring in deep blue shades, which is the most popular, it also can be found in pink, yellow, and green. The name sapphire derived from the Latin *sapphirus*, which means blue stone.

California Federation of Mineral Societies Show Dates

September 28-29

San Luis Obispo, CA San Luis Obispo Gem and Mineral Club Veterans Memorial Building, 801 Grand Ave., San Luis Obispo, CA 93401 Hours 10-5 daily Website: <https://slogem.org/gems-by-thesea/>

October 12-13

Long Beach, CA Long Beach Mineral and Gem Society Signal Hill Library, 1800 E. Hill St. Signal Hill, CA Hours: Sat 10-5, Sun 10-4 Contact: (562) 253-1390 lbmineralgemsociety@gmail.com Website: <http://www.facebook.com/>

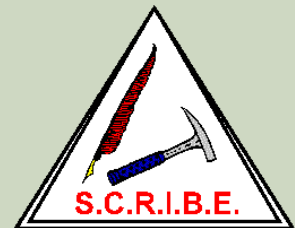
October 19

West Hills, CA Woodland Hills Rock Chippers First United Methodist Church, 22700 Sherman Way, Woodland Hills, CA 91307 Hours: 10-5 Contact: barnettcelia53@gmail.com Website: <http://www.rockchippers.org>

November 2-3 San Diego, CA

San Diego Mineral & Gem Society Liberty Station Conference Center, 2600 Laning Road, San Diego, CA 92106 Hours: Sat 10-6, Sun 10-4 Contact: Benton.luannz@gmail.com Website: <https://bit.ly/gemdiego2024>

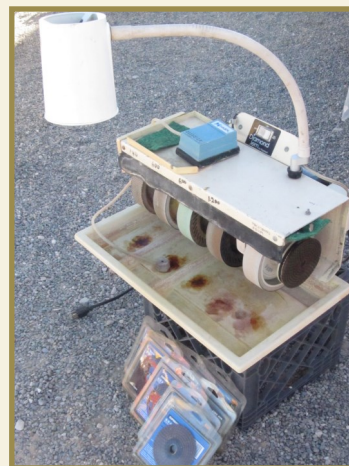
Don't forget the VVGMC Tailgater, the second weekend of March, the 7th, 8th and 9th 2025



BOARD MEMBERS, CHAIRS, INSTRUCTORS.....**President.** / Dave Duncan, EMAIL : president@vvgmc.org**Vice President / Membership.** Beka McNeil / EMAIL: vp@vvgmc.org**2nd Vice President: Education.** Lia Hamilton**3rd Vice President: Tailgate Chairman, Junior Rockhounds Chairman, Mark Lantz** EMAIL marklantz53@gmail.com**Recording Secretary /** Mark Lantz (temporary) / EMAIL: recordingsecretary@vvgmc.org**Treasurer /** Janalee (Jan) Arnold**Corresponding Secretary /** Jake Brouwer**Board Member /** 2 Year term - Lorie Cunningham, Pam Trozera**Board Member /** Sara Arnold, Past President**Board Member /** Corey Beck**Maintenance /** Available**COMMITTEE CHAIRS.....****CFMS /** Ody Oriva**Wagon Master /** Scott Gray**Librarian /** Lia Hamilton**Newsletter Editor /** John Alcorn / john.alcorn42@outlook.com**Webmaster / Tech /** Jim Fosse / EMAIL: info@vvgmc.org**Facebook /** Stina Smith**INSTRUCTORS:**

Janet Flecher / Dwayna Barron / Chris Koch / Stina Smith

Mark Lantz / Dave Duncan / Lia Hamilton / Gayland Graves / Beka McNeil / Lorie Cunningham

ASSOCIATE INSTRUCTORS Algot Stephenson. / Ann Musik

Yucaipa Gem Club Tonopah Turquoise Trip

Our annual 2024 October turquoise field trip to Tonopah Nevada with the Otteson family will be October 25, 26 and 27. Three mines in three days! We are very excited about the places we will visit this year.

Friday October 25th - Pilot Mountain Turquoise Mine.

Friday evening, we have a tentative program at the Stargazing Park in Tonopah. We are hoping to have a special speaker who is a rockhound Lover by day, and an astrophotographer by night. This should be a lot of fun for the whole family and more information will be forthcoming when I have it.

Saturday October 26th - Star Fox Variscite Mine

For those that are interested and still have the energy! There will be a bonus trip in the afternoon to Verde Blue Turquoise Mine. The drive there is close by and the scenery is literally out of this world reminds me of Star Trek! After that if we still have the strength and energy, we will be visiting an authentic Ghost Town that is in the vicinity. So, Saturday will definitely be a big day!

Sunday October 27th - Broken Arrow Variscite Mine

Our third day we will be at the Broken Arrow Variscite Mine. This will be our third time going there and has always been a big hit. In addition to the variscite you can find Big Nugget Turquoise. A short walk around the hill you can look for Tree Frog Variscite. Another full and fun day. For those who need to get back home generally by 2:00 or so we are pretty tired out.

This year we are doing three Mines in 3 days! Last year we did five that was quite a marathon. However, I know that there are folks coming from quite a distance for this field trip so if you are interested in setting up a private tour to do other turquoise mines, I have contacted the owners and they are happy to set up tours with you or if you want to put a group of your own together, they do that as well.

This year we decided not to plan dinner meals as a group. However, often what happens is we all end up pretty much in the same places! So probably one evening we'll all do pizza, Mexican or BBQ.

Please email Liz Smith or to reserve your spot:

To sign up Contact Liz Smith – lizbrackensmith@gmail.com

with the following information

Your Name

Your email

The names of those in your party, indicate children under age 13

Cell Phone Numbers

Indicate which Otteson Mines or ALL

Cost is \$125 per person per day. Meet at 8:00 a.m. at Love's truck stop at the North End of Tonopah in the front parking lot area this gives folks an opportunity to quickly use the restroom get gas and snacks if needed.

Contacts for private tours:

For a private tour of Royston turquoise mine your contact will be Danny Otteson.

OTTESON DANNY

(775) 277-0602

(Royston turquoise)

For a private tour of Easter Blue turquoise mine your contact minor will be David Otteson.

(719) 580-3952

As we have many members who sometimes struggle with the "latest" technology, this knowledge may be of assistance.

****From the CFMS August 2024 Newsletter****

PHISH OR SMISH: DON'T TAKE THE BAIT

The IRS continues to see a barrage of email and text scams targeting businesses and individual taxpayers. The IRS and the Security Summit partners continue to remind taxpayers, businesses and tax professionals to be alert for a wide variety of these scams and schemes.

Businesses such as car dealerships should remain alert for targeted email and text scams aimed to disrupt their computer systems. These businesses should be alert to fake communications posing as legitimate organizations. These messages arrive in the form of unsolicited texts or emails to lure unsuspecting victims to provide valuable information that can lead to identity theft or malicious malware installed on computer systems.

There are two main types: Phishing: An email sent by fraudsters claiming to come from a legitimate source. The email lures the victims into the scam with a variety of ruses such as enticing victims to provide sensitive information. Smishing: A text or smartphone SMS message where scammers often use alarming language such as, "Your account has now been put on hold," or "Unusual Activity Report," with a bogus "Solutions" link to restore the recipient's account. Never click on any unsolicited communication as it may surreptitiously load malware. It may also be a way for malicious hackers to load ransomware that keeps the legitimate user from accessing their system and files. In some cases, phishing emails appear to come from a legitimate sender or organization that has had their email account credentials stolen. Setting up two-factor or multi-factor authentication with their email provider will reduce the risk of individuals having their email account compromised.

Posing as a trusted organization, friend or family member remains a common way to target individuals and businesses for various scams. Individuals and businesses should verify the identity of the sender by using another communication method, for instance, calling a number they independently know to be accurate, not the number provided in the email or text.

What to do: Never respond to phishing or smishing or click on the URL link! Don't open any attachments. They can contain malicious code that may infect the computer or mobile phone. Don't click on any links. If a taxpayer inadvertently clicked on links in a suspicious email or website and entered confidential information, visit the IRS' identity protection page. Send the full email headers or forward the email as-is to phishing@irs.gov. Don't forward screenshots or scanned images of emails because this removes valuable information. Delete the original email. Excerpts from IRS Newswire Issue # IR-2024-186 dated 7/11/2024



The Formation and Gemstones of Corundum

by Cristiane Stoll

Corundum is a crystalline form of aluminum oxide (Al₂O₃), and it is one of the hardest minerals found on Earth, ranking 9 on the Mohs scale of hardness. Its formation is a fascinating process that occurs deep within the Earth's crust under specific geological conditions.

Formation of Corundum

Corundum forms in metamorphic and igneous rocks under high pressure and high-temperature conditions. The process begins when aluminum-rich minerals undergo metamorphism, a transformation that occurs due to extreme pressure and heat over millions of years. In the absence of silica, aluminum and oxygen atoms bond to create the dense, hexagonal crystal structure of corundum. This mineral can also form in igneous environments, where magma rich in aluminum cools and crystallizes. Corundum is stable in a wide range of temperatures and pressures, allowing it to persist in various rock types, including marble, basalt, and gneiss. The presence of trace elements like chromium, iron, or titanium during formation is what gives corundum its range of colors, leading to the creation of different gemstones.

Gemstones Derived from Corundum

Corundum is colorless in its pure form, but trace elements give it a range of colors, resulting in prized gemstones:

Ruby:

Chromium traces turn corundum deep red, with the most valued rubies displaying a "pigeon blood" hue.



Sapphire:

(pictured at right) Typically blue due to iron and titanium, sapphires also come in other colors—called "fancy sapphires"—like yellow, pink, green, and colorless, depending on the trace elements present. These gemstones are cherished for their durability and brilliance, making them popular in jewelry and useful in industrial applications for



their hardness.

Corundum's formation and the resulting gemstones offer a glimpse into the dynamic processes of the Earth's interior, where heat, pressure, and time work together to create materials of exceptional beauty and strength. So, the next time you admire a sapphire ring or a ruby pendant, remember the incredible journey that gemstone has taken—a journey that mirrors the resilience and beauty within us all.

Silver Class at VVGM

By Stina Smith

Our newsletter creator/editor, John Alcorn, participated in a 2 day Silversmith class with our Silversmith instructor. It's amazing to see the creations you can make when being educated to use the tools and with good guidance on how to's.

These are John's 2 creations, and mind you, these are his first jewelry makings! His only previous experience was an 8th grade metal shop class! Great work!



GIANT ROCK, LANDERS, CA.

By Jake Brouwer

So, you are out in the Mojave looking for rocks to drag home to your rock garden, workshop or gem and mineral club, when you finally meet your match and turn tail.



That's what happened to Jake and Susan Brouwer on a trip to Giant Rock, Landers, Ca. It has been said to be one of the top 5 free standing boulders in the world. It stands seven stories high, covers 5800 square feet of ground, and has an estimated weight of 30,000 pounds. Scientists have said it was formed in the cretaceous period when magma that cooled within the earth, later uplifted and exposed it to weathering and erosion. It is a humongous site to see, as we found out on our first visit. It looks big from the distance, driving towards it, it just gets bigger and just so big it's hard to believe it is one piece. We saw it twice before the rock cracked and left a heavy chunk of it on the ground close to the boulder itself, I believe that was in 2000. No reasonable decision has been made as to why it happened, though some suggested that it was heat and cold fluctuations that caused it. Bon Fires were also a constant at the site. Now, it has graffiti, trash, all desert folk, who go out to discover the land. Somewhat sad, but still amazing as is it's surrounds of similar rock formations. Bring a camera and water for sure.

Back in the 1930's a man named Frank Critzer decided to make the area his home. He dynamited a hole under the rock on one side and made himself a 24' x 36' cozy apartment. Using a truck, iron and railroad ties he fashioned an airport runway not far from the Giant Rock. After putting short wave antennas on the top of the rock, the locals and eventually the FBI, started watching him. Most believe he was not a spy, just a lonely old guy, who preferred the quiet of the desert and his ham radio. Shortly after the FBI wanted to take him in for questioning, and whether it was an accident or not, Frank set off some of the dynamite inside the apartment and blew himself up. No one else was hurt.



His widow later sold the property which later became BLM land. In 1947 a pilot and flight inspector named George Van Tassel, leased the land from BLM, to open Giant Rock Airport. He also built an airport facility that sold fuel to aircraft, landing at the site and other aviation necessities. Then very close to Giant Rock, he built a café to serve customers snacks, drinks and food. His wife ran it and it was called the "Come on Inn." Then life changed at Giant Rock, Van Tassel, a very intelligent man, said he had conversation with aliens from outer space. In 1956 he wrote a book about his encounter, and later more books on UFO's, Universal Wisdom and variations of meditation inspired publications. In 1953 and running to 1978, the Van Tassel's family promoted the air-

port, and promoted Flying Saucer Conventions, with as many as ten thousand visitors in attendance during conventions. In 1957, inspired by mind merging with aliens, he built what he called the Integratron. Designed to capture cosmic energy to provide electricity for the world. Dome shaped, made of no metals, including nails, the plywood structure had an oculus ring that held down the arches and supports. In 1978, George Van Tassel died. The Integratron was near finished but complete. The machinery to capture the cosmic energy would not ever be completed. The blue prints lost in time. After years of deterioration, in the early 2000's The Integratron's new owners operate it as a tourist attraction and offer "sound baths" where groups of people are "exposed to harmonic sound frequencies" produced by 23 quartz bowls, claimed to have a deep calming effect. According to one of the structure's docents, the Integratron is an "acoustically perfect sound chamber." It is now known as The Integratron: The Fusion of Art, Science and Magic. They offer sound sessions for healing, meditation, chakra, pathways of consciousness, breathing and more. They also have rentals, a store with branded merchandise and crystals. If you would like to visit, I am told they are closed for maintenance and repairs until August 29, 2024. Be sure to check their on-line information, directions and more at <https://www.integratron.com/> and also visit the various on-line sites that discuss the subject. In the end, we did not bring back the rock or any rocks for a fact, but memories of history, flying saucers and good vibes.

VVGMC Visits the Alf Museum of Paleontology

28 VVGCM Members including 8 Jr Rockhounds trekked down to Claremont to the Webb Schools and the Alf Paleontology

Museum on August 24 th 2024. The trip was in place of the regular Jr. Rockhound meeting and Mark Lantz, Trip Leader and Jr.

Rockhound Advisor, invited adult club members to attend.

The tour began at 9:30 am and was led by Monique Reyes, Director of Tours and assisted by paleontologist Billy. The tour began on the top floor where we learned the idea of Geologic Time. Most of the fossils on display were found by Webb school students as they went on their Summer Peccary Digs. These digs were begun in the 1940's when Dr. Alf took a number of staff and students to the Barstow area and found a complete peccary skeleton fossil. This was a unique find at the time. All of the field trips after were known as the "peccary trips". On these trips students were given international experience, digs and were invited to national and world-wide conventions.

The lower floor was dedicated to tracks and learning more about ancient life and how they lived, not just that they lived. The Jr Rockhounds were very attentive and asked many great questions.



The Jr . Rockhounds view a bear-dog.



The group poses beneath a dino.

Rock Star Birthdays this Month

Freddie Mercury Sept. 5, 1946

Roger Waters Sept. 6, 1943

Bruce Springsteen Sept. 23,

Thank You's for September

Everyone who parked in the alternative parking in the North area beside Del Taco!

For fixing the A/C...David Disbrow

For articles this month: Jake Brouwer, Ken Villars, Stina Smith, Cristiane Stoll. Without you there's no bulletin!

The board has approved the design which is titled the Bucket Brigade showing a woman rockhound with bucket, and pick in hand, with a desert background, club name and Est. 1947. Nice job Steve!

The design is shown below. It will be available to club members first and what is left over will be sold at the club house.

The design is large on the back of a quality tee shirt, in an off white color that matches the theme of the design. The design is repeated on the front left breast area.

All shirts will be \$25.00.

Payable in CASH or CHECK made payable to VVGMC. No credit cards

Sizes are:

- SMALL
- MEDIUM
- LARGE
- XTRA LARGE
- DOUBLE XL
- TRIPLE XL

Please note that smaller sizes are in limited supply and a total of 200

Shirts have been made.



Knapper's Corner

The next few articles will deal with pressure flaking, as this is probably the most useful flintknapping technique for people who have access to lapidary equipment (especially slab saws). I hope to show how to make your own hand flakers and Ishi sticks, then hand pads. Then I will discuss how to make useful flakes, hopefully leaving beautiful flake scars, moving towards the pinnacle of artistic knapping - "FOG" (Flake Over Grind) knapping.

Tools For Pressure Flaking

Pressure Flakers can be as simple as a deer antler of the correct size to be its own handle, or you can secure a piece of antler or bone to a handle. Many people, myself included, prefer copper, as it is readily available (though getting more expensive all the time). Whatever the material, the tip will need to be filed fairly often during use, so it is nice to be able to tighten the copper bit in place in the handle for use, then loosen it to extend it as it gets shorter.

I will mention two methods for securing your bit in your handle. Most people tap threads in holes and use set screws. However, I need to warn you that set screws will usually strip out in wood. If you use four set screws, you don't have to torque them down as much. I use four set screws even on 1" Delrin, which is my preferred handle material. If you use wood, you will probably also need to wrap the end supporting the bit with strong thread (upholstery thread or artificial sinew) and coat it with epoxy to prevent the side load on the bit from splitting out the wood (pay attention to space your set screw holes to allow for this). Another method is to purchase a pin vise big enough to hold your copper bit, and epoxy the tail end of the pin vise into a handle. You will probably need pliers to tighten and un-tighten your pin vise jaws, and even then your bit may slip under pressure, at least on your Ishi stick (which is essentially a much longer version of a hand flaker).

Making your copper bits is fairly simple. I prefer 1/4" copper, which I buy online. The largest copper wire available locally is 4 gauge, and unlike the copper rod I buy, it will need to be twisted to work harden it for use. Simply chuck one end in a hand drill, and secure the other end in a vise. Then slowly run the drill to twist the wire. The wire will get surprisingly hot and work harden until it breaks (which means you've hardened it enough). The finished diameter will be close to 3/16", and you can drill a hole that size about 3" deep in the end of your handle. A lot of people use this method, and secure the bit in a 3/4" Delrin handle. Personally, I started getting much better pressure flaking success when I moved to larger copper and a wider handle (1/4" copper with 1" Delrin).

Protect your holding hand with folded up leather or a notched pad when pressure flaking!



Victor Valley Gem & Mineral Club was founded in 1947, as a 501/C4 non profit education club. Visitors are always welcome.

Our objective and purpose is to disseminate knowledge of minerology & earth sciences. To encourage study in those subjects though various programs. To arrange field trips for exploration, study, and collection of specimens. The preparations, publication, and distribution of articles pertaining to these fields. The encouragement of interest of young people and fostering of classes in mineralogy and Lapidary Arts.

REGULAR MONTHLY MEETINGS AS FOLLOWS

SHOP DAY:

Tuesday Sept. 10, 17, 24

12:00pm - 5:00 pm

SHOP DAY: THURSDAYS - 12:00pm- 8:00

SHOP DAY: SATURDAYS—12:00pm-5 pm

SHOP DAY: SUNDAYS - 12:00pm - 5 pm

CLEANUP DAY TBA

CLUB CLEAN UP DAY: TO BE ANNOUNCED

INSTRUCTORS MEETING: TUES, SEPT. 3, 2024,

BOARD OF DIRECTORS MEETING: SEPT. 3, 2024

EDUCATION NIGHT: SEPT. 10, 2024 6:00 PM

GENERAL MEETING: - SEPT. 21, 2024. 12:00 - 2:00 pm, followed by our tradition door prizes, and more. Shop work resumes APPROXIMATLY 2:00 - 5:00 pm.

JUNIOR ROCKHOUNDS: AUGUST 10, AUGUST 24, 2024 - 9:00 AM TO 11:45 AM

THE BULLETIN IS THE OFFICIAL NEWSLETTER...

Published by the Victor Valley Gem & Mineral club and is distributed free of charge electronically to the members by email. Views expressed by authors in the articles appearing in THE BULLETIN do not necessarily reflect those of the VICTOR VALLEY GEM AND MINERAL CLUB The editor publishes content as presented with minor changes for continuity.

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