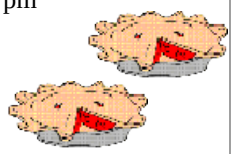
Ore-Cutts

Volume XLVIV Number 8 August 2012

August 3-5, 2012

45th Rainbow Of Gems Show

Wednesday, August 1, 2012 9:00 am to completion	Measure, layout and mark the Show areas. Wes needs help with this. Coffee and donuts will be there to reward the faithful. This is *not* strenuous work..
Thursday, August 2, 2012, 8:00 am till complete Thursday August 2, 2012 5:30 to 6:30 p.m.	Show set up **at Nipomo High School** at **525 S. Thompson Ave. Nipomo**. We need some strong folks to move tables and cases, and everyone else to skirt the tables. Coffee and donuts will be there to reward the faithful. All members are cordially invited! --- Dinner for Vendors, Exhibitors and Club members who have helped to layout and set up the show.
Friday, August 3, 2012, 10:00 am to 5:00 pm 	Opening of the 45th annual **OMS Rainbow of Gems Show**. Each family is requested to bring 2 pies for the snack bar. Volunteer help is needed in the Snack Bar, & Hospitality Booth. *Everyone please wear red club vests to discourage the light-fingered. Look Alert! Be gracious and helpful to our vendors and guests.*
Saturday, August 4, 2012, 10:00 am to 5:00 pm Saturday August 4, 2012, 5:30 p.m.	Enjoy the displays, demonstrations and the vendor's many rocks & minerals for sale. Enjoy the great food in the snack bar. Volunteer: help is needed in the Snack Bar, & Hospitality Booth and Treasure Chest. --- Best-darned ***Top Block*** BBQ on the Central Coast! Tickets are $12.00 for Adults and & $6.00 for kids 12 and under. Don't miss it!
Sunday August 5, 2012 10:00 am to 5:00 pm  Sunday August 5, 2012, 5:00 to 7:00 pm Sunday August 5, 2012, 7:00 to 9:00 p.m.	Enjoy the displays, demonstrations and the vendor's many rocks & minerals for sale. Enjoy the great food in the snack bar. Volunteer help is needed in the Snack Bar, Hospitality Booth & Treasure Chest. Show takedown and clean up. We need *everybody* to help with this. Many hands make light work. --- Post show victory dinner 7:00 p.m. at the Golden Dragon Restaurant, 151 Dana St. Nipomo
Monday August 6, 2012, 8:00 a.m. till Completed	Final clean up at Nipomo High School: take up booth markers, sweeping, pickup trash etc. We want to be good neighbors and to be welcomed back next year again, and we don't want to leave it all up to the Lingerfelt's.

Have a great show!

.Please join us on August 14, 2012 at 7:00 pm at the Luis Oasis Senior Center, 420 Soares Ave. in Old Orcutt for a **Show Wrap up**. If you take pictures at the Show, please get them to Wes Lingerfelt as soon after the show as you can…it does take a little time to put the slide shows together. Also we will do some reviewing of what went well and what could stand improvement at this year's show.

• The **Display is your Treasures from the show**, but as always you are welcome to bring any rocks/minerals that you would like to share. (Remember, those who display receive an extra door prize ticket.)

•**The refreshments will be cookies** brought to us by *Samantha Schmidt, Erica Erskine, Keith & Pat McKay and Don Nasholm.*

Sunshine

Paul Berthelot was bitten by a brown recluse spider, and is recovering nicely. Folks, remember to never stick your hands anywhere you cannot see what is there…rock piles or the mares' nest of cables behind your computer.

And Sandy has also been hospitalized for a short time twice recently to stabilize a low potassium level. Sandy is back home and feeling better. Perhaps they need to replace their old bumper sticker with one that says: "*Support your local Doctors, Follow me to the Emergency Room.*" Seriously, guys, we wish you both well! Jeannie Lingerfelt says her doctor told her that now she has vision better than 20/20.

The Prez Box

By Debbie Hood

The 45th Annual Rainbow of Gems Show is here; it is time to work hard and have lots of fun! Please review the calendar of events on page 1 and plan where and when you will be helping out. As usual, we had almost no sign ups at the last meeting to work at various spots like the Snack Bar, Treasure Chest and Hospitality booth, as well as set up and clean up, but I hope that means everybody plans to help with everything, as usual.

I would like to remind everyone that as this is our first show at this site, there will undoubtedly be some problems, and I ask you to please be patient and consult with a Board member or Show chairman to settle problems. Please try to help our dealers to get to their spaces expeditiously; the configuration has changed so I anticipate some issues there as well. Wes Lingerfelt has thoroughly planned everything we could anticipate, so the best bet is for us to try to work his plan and consult him where there is a hitch.

Since this is our first year at the High School we also want to minimize any problems with the school. We want to prevent any damage to school property, and do not want to do anything that would create any unhappiness with us on the part of the school district. Please bring any problems to an Officer or Board Member, please.

So, everyone have a great time!

CFMS REPORT

By Wes Lingerfelt, CFMS Director for OMS

Jeannie and I left home for Riverside, CA about 9 am on Friday the 13th, 2012. I decided to take the southern route hoping the temperatures would be somewhat cooler along the west coast. The traffic for a Friday wasn't too bad so we made very good time on our journey. We arrive in Riverside about 12:30 pm and the Marriot hotel had a room ready for us. We had lunch at the hotel and then set about finding the location of the Riverside Municipal Auditorium about 8 blocks away from the hotel. The Riverside Convention Center located next to the Marriot was undergoing extensive renovation. We found a parking place near the entrance but soon figured out that there was a complicated procedure for paying for the space. There was a Kiosk about ½ a block away where you had to purchase your parking space and get a receipt. After learning all the steps necessary we finally received our paid receipt good for an hour and then went into the show.

There were 34 dealers; this was not expected as there are usually over a hundred or more at a Federation show. We walked around and handed out our show flyers to those we met that are signed up for our show. I needed to save a large stack of flyers for the meeting on Saturday. The dealers were arranged on two floors with the majority being located on the basement floor. It didn't take very long for us to see the show and purchase a few saw blades from my supplier Diamond Pacific Corp. I reaffirmed that Bill Depue would be attending our show and demonstrating their new Xpert Diamond Grinding machine. We left the show in time to avoid a parking ticket but our sister club member from the north wasn't so lucky. I heard they received a ticket that costs $41.00. Ouch!

The meeting the next day was the same typical agenda and the President had a plan to get the meeting over with by noon. There was unanimous support for that plan. In fact she was successful as the meeting ended at 11:55 am. The following are some of the highlights from the

meeting. If you have any questions please ask as I have all the paper work from the meeting.
1. There were 51 Directors, 5 officers, and 25 Committee chairs present for the meeting, just barely enough for a quorum.
2. There was a memorial ceremony for the passing of Bill Burns by the family and his spouse Izzie Burns. It was a touching moment.
3. The report of delinquent societies had 8 member clubs, listed among them was the San Luis Obispo club. The Napa Valley club has disbanded and the Maricopa Lapidary Society (Arizona) has dropped affiliation with the CFMS.
4. The CFMS has no club for the 2014 convention and show and they are showing the anxiety concerning that. There was a long speech by the show coordinator Jack Williams about all the advantages of putting on a CFMS Federation show.
5. Mr. Marion Roberts was elected to be the CFMS representative to the AFMS.
6. During the Internet Committee report it was stated that the Orcutt Mineral Society's policy on Internet Posting would become a required ingredient for all CFMS web sites. Additional steps are being taken to make it a requirement for all AFMS member websites as well. This is the result of a presentation I made at the Anderson, CA 2011 CFMS Convention/Show.
7. The CFMS is trying to inventory and account for all the items on loan to many museums. So far it appears to be a mess as one box contained nothing from a list of what was supposed to be in the box. Even one of the show displays at this show was missing an item as reported during the Directors meeting.
8. The report from the Public Lands Access Committee was rather unnerving as they outlined a new plan being undertaken by the government to inventory all roads and travel routes on all government controlled lands. The end result appears to be a plan to close everything not specifically identified as a necessary route. If there is no route marker on the road then it is automatically closed.
9. A new CFMS Society roster was included in my packet. I counted 103 member clubs listed. This is about ½ the number I recall from just a few years ago.

Jeannie and I decided to take the desert route (CA138) home and view new scenery. The heat had somewhat abated and I wanted to show Jeannie the funky restaurant in Pear Blossom, CA that Ralph Bishop and I had visited several times before. Jeannie was very nervous at first once she entered the place but she soon agreed with me that the hamburger and onion rings found there was well worth it. The place is called Billy Bob's restaurant and it is located on the south end of Pear Blossom.
The next CFMS Director's meeting has been scheduled for November 10, 2012. Let me know if there is anything I need to address at that meeting.

Birthdays & Anniversaries

Birthday greetings go out to those who are having birthdays in August: *Bill Brown, Debbie Hood, Erica Erskine, Wes Lingerfelt, Sylvia Nasholm, and Lucky Virgin*. Happy Birthday to all of you & many more!

Members celebrating an anniversary in August are Geary Scheffer and his wife.

"I'm Fine"

EARL L. NAILON, Founder, "Tired, But Not Retired, "PENNY RECORD COMPANY, 3021 N. Portland, Oklahoma City, Okla.

"There is nothing whatever the matter with me
My hearing is poor - My sight is dim.
Most everything is out of trim.
My doctor says my days are few
For Every week there is something new
The way I stagger is such a crime.
I'm likely to drop at any time.
I jump like mad at the drop of a pin
But I'm awfully well for the shape I'm in.
My teeth will eventually have to come out
And my diet, I hate to think about.
I'm overweight, but I can't get thin
My appetite's such that it's sure to win.
But I'm awfu1ly well for the shape I'm in.
Arch supports I have on my feet
Or I wouldn't be able to go on the street.
Sleep is denied me night after night
And every morning I'm a sight.
My memory is failing
My head's in a spin
But I'm awfully well for the shape I'm in.
My moral is this - As this tale unfolds.
That for you and I who are growing old
It's better to say "I'm Fine" with a grin
Than to let others know the shape we're in.

Tourmaline

From Wikipedia, the free encyclopedia

Schorl Tourmaline

General

Category	Cyclosilicate
Chemical formula	$(Ca,K,Na,[])(Al,Fe,Li,Mg,Mn)_3(Al,Cr,Fe,V)_6(BO_3)_3(Si,Al,B)_6O_{18}(OH,F)_4$

Identification

Color	Most commonly black, but can range from brown, violet, green, pink, or in a dual-colored pink and green.
Crystal habit	Parallel and elongated. Acicular prisms, sometimes radiating. Massive. Scattered grains (in granite).
Crystal system	Trigonal
Cleavage	Indistinct
Fracture	Uneven, small conchoidal, brittle
Mohs scale hardness	7–7.5
Luster	Vitreous, sometimes resinous
Streak	White
Specific gravity	3.06 (+.20 -.06)
Density	2.82–3.32
Polish luster	Vitreous
Optical properties	Double refractive, uniaxial negative
Refractive index	nω=1.635–1.675, nε=1.610–1.650
Birefringence	-0.018 to -0.040; typically about .020 but in dark stones it may reach .040
	Schorl Tourmaline
Dispersion	.017
Ultraviolet fluorescence	pink stones—inert to very weak red to violet in long and short wave
Absorption spectra	a strong narrow band at 498 nm, and almost complete absorption of red down to 640nm in blue and green stones; red and pink stones show lines at 458 and 451nm as well as a broad band in the green spectrum

Tourmaline is a crystal boron silicate mineral compounded with elements such as aluminium, iron, magnesium, sodium, lithium, or potassium. Tourmaline is classified as a semi-precious stone and the gemstone comes in a wide variety of colors. The name comes from the Sinhalese word "Thuramali" or "Thoramalli", which applied to different gemstones found in Sri Lanka.

History

Brightly colored Sri Lankan gem tourmalines were brought to Europe in great quantities by the Dutch East India Company to satisfy a demand for curiosities and gems. At the time it was not realized that **schorl** and tourmaline were the same mineral.

Tourmaline species and varieties

- Dravite species: from the Drave district of Carinthia
  - Dark yellow to brownish black—dravite
- Schorl species:
  - Bluish or brownish black to Black—schorl
- Elbaite species: named after the island of Elba, Italy
  - Red or pinkish-red—rubellite variety (from ruby)
  - Dark black—schorl (from indigo)
  - Light blue to bluish green—Brazilian indicolite variety
  - Green—verdelite or Brazilian emerald variety
  - Colorless—achroite variety (from the Greek "άχρωμος" meaning "colorless")

Schorl

The most common species of tourmaline is **schorl**. It may account for 95% or more of all tourmaline in nature. The early history of the mineral schorl shows that the name "schorl" was in use prior to 1400 because a village known today as Zschorlau (in Saxony, Germany) was then named "Schorl" (or minor variants of this name). This village had a nearby tin mine where, in addition to cassiterite, black tourmaline was found. The first description of schorl with the name "schürl" and its occurrence (various tin mines in the Saxony Ore Mountains) was written by Johannes Mathesius (1504–1565) in 1562 under the title "Sarepta oder Bergpostill".[3] Up to about 1600, additional names used in the German language were "Schurel", "Schörle", and "Schurl". Beginning in the 18th

century, the name *Schörl* was mainly used in the German-speaking area. In English, the names *shorl* and *shirl* were used in the 18th century. In the 19th century the names *common schorl*, *schörl*, *schorl* and *iron tourmaline* were the English words used for this mineral. The word tourmaline has two etymologies, both from the Sinhalese word *turamali*, meaning "stone attracting ash" (a reference to its pyroelectric properties) or according to other sources "mixed gemstones".

Dravite

Black Dravite on a grey matrix

The name **dravite** was used for the first time by Gustav Tschermak (1836–1927), Professor of Mineralogy and Petrography at the University of Vienna, in his book *Lehrbuch der Mineralogie* (published in 1884) for magnesium-rich (and sodium-rich) tourmaline from the village Unterdrauburg, Drava river area, Carinthia, Austro-Hungarian Empire. Today this tourmaline locality (type locality for dravite) at the village Dravograd (near Dobrova pri Dravogradu), is a part of the Republic of Slovenia. Tschermak gave this tourmaline the name dravite, for the Drava river area, which is the district along the Drava River (in German: Drau, in Latin: Drave) in Austria and Slovenia. The chemical composition which was given by Tschermak in 1884 for this dravite approximately corresponds to the formula $NaMg_3(Al,Mg)_6B_3Si_6O_{27}(OH)$, which is in good agreement (except for the OH content) with the endmember formula of dravite as known today.

Elbaite

A lithium-tourmaline (**Elbaite**) was one of three pegmatitic minerals from Utö, Sweden, in which the new alkali element lithium (Li) was determined in 1818 by Johan August Arfwedson for the first time. Elba Island, Italy, was one of the first localities where colored and colorless Li-tourmalines were extensively chemically analyzed. In 1850 Karl Friedrich August Rammelsberg described fluorine (F) in tourmaline for the first time. In 1870 he proved that all varieties of tourmaline contain chemically bound water. In 1889 Scharitzer proposed the substitution of (OH) by F in red Li-tourmaline from Sušice, Czech Republic. In 1914 Vladimir Vernadsky proposed the name *Elbait* for lithium-, sodium-, and aluminum-rich tourmaline from Elba Island, Italy, with the simplified formula $(Li,Na)HAl_6B_2Si_4O_{21}$. Most likely the type material for elbaite was found at Fonte del Prete, San Piero in Campo, Campo nell'Elba, Elba Island, Province of Livorno, [Tuscany]], Italy. In 1933 Winchell published an updated formula for elbaite, $H_8Na_2Li_3Al_3B_6Al_{12}Si_{12}O_{62}$, which is commonly used to date written as $Na(Li_{1.5}Al_{1.5})Al_6(BO_3)_3[Si_6O_{18}](OH)_3(OH)$. The first crystal structure determination of a Li-rich tourmaline was published in 1972 by Donnay and Barton, performed on a pink elbaite from San Diego County, California, United States.

Chemical composition of the tourmaline group

The tourmaline mineral group is chemically one of the most complicated groups of silicate minerals. Its composition varies widely because of isomorphous replacement (solid solution), and its general formula can be written as $XY_3Z_6(T_6O_{18})(BO_3)_3V_3W$,
where:
X = Ca, Na, K, vacancy
Y = Li, Mg, Fe^{2+}, Mn^{2+}, Zn, Al, Cr^{3+}, V^{3+}, Fe^{3+}, Ti^{4+}, vacancy
Z = Mg, Al, Fe^{3+}, Cr^{3+}, V^{3+}
T = Si, Al, B
B = B, vacancy
V = OH, O
W = OH, F, O

Large pink elbaite crystal on quartz, Cryo-Genie Mine, San Diego Co., California, USA.

The 14 recognized minerals in the group (endmember formulas)

Buergerite	$NaFe^{3+}{}_3Al_6Si_6O_{18}(BO_3)_3O_3F$
Chromdravite	$NaMg_3Cr_6Si_6O_{18}(BO_3)_3(OH)_4$
Dravite	$NaMg_3Al_6Si_6O_{18}(BO_3)_3(OH)_4$
Elbaite	$Na(Li_{1.5},Al_{1.5})Al_6Si_6O_{18}(BO_3)_3(OH)_4$
Feruvite	$CaFe^{2+}{}_3(MgAl_5)Si_6O_{18}(BO_3)_3(OH)_4$
Foitite	$(Fe^{2+}{}_2Al)Al_6Si_6O_{18}(BO_3)_3(OH)_4$
Liddicoatite	$Ca(Li_2Al)Al_6Si_6O_{18}(BO_3)_3(OH)_3F$
Magnesiofoitite	$(Mg_2Al)Al_6Si_6O_{18}(BO_3)_3(OH)_4$
Olenite	$NaAl_3Al_6Si_6O_{18}(BO_3)_3O_3OH$
Povondraite	$NaFe^{3+}{}_3(Fe^{3+}{}_4Mg_2)Si_6O_{18}(BO_3)_3(OH)_3O$
Rossmanite	$(LiAl_2)Al_6Si_6O_{18}(BO_3)_3(OH)_4$

Schorl	$NaFe^{2+}{}_3Al_6Si_6O_{18}(BO_3)_3(OH)_4$
Uvite	$CaMg_3(MgAl_5)Si_6O_{18}(BO_3)_3(OH)_3F$
Vanadiumdravite	$NaMg_3V_6Si_6O_{18}(BO_3)_3(OH)_4$

A revised nomenclature for the tourmaline group was published in 2011.

Tri-color elbaite crystals on quartz, Himalaya Mine, San Diego Co., California, USA

Physical properties

Crystal structure

Tourmaline belongs to the trigonal crystal system and occurs as long, slender to thick prismatic and columnar crystals that are usually triangular in cross-section. The style of termination at the ends of crystals is asymmetrical, called hemimorphism. Small slender prismatic crystals are common in a fine-grained granite called aplite, often forming radial daisy-like patterns. Tourmaline is distinguished by its three-sided prisms; no other common mineral has three sides. Prisms faces often have heavy vertical striations that produce a rounded triangular effect. Tourmaline is rarely perfectly euhedral. An exception was the fine dravite tourmalines of Yinnietharra, in western Australia. The deposit was discovered in the 1970s, but is now exhausted. All hemimorphic crystals are piezoelectric, and are often pyroelectric as well.

Tourmaline gemstones - Mozambique

Color

Tourmaline has a variety of colors. Usually, iron-rich tourmalines are black to bluish-black to deep brown, while magnesium-rich varieties are brown to yellow, and lithium-rich tourmalines are almost any color: blue, green, red, yellow, pink, etc. Rarely, it is colorless. Bi-colored and multicolored crystals are common, reflecting variations of fluid chemistry during crystallization. Crystals may be green at one end and pink at the other, or green on the outside and pink inside; this type is called watermelon tourmaline. Some forms of tourmaline are dichroic, in that they change color when viewed from different directions.

The pink color of tourmalines from many fields is the result of a continued natural irradiation. During their growth, these tourmalines incorporate Mn^{2+}, whereas initially they are by nature very pale. Their granitic environment exposes to them a natural gamma ray exposure due to radioactive decay of ^{40}K, causing the gradual formation of the Mn^{3+} ions responsible for a pink to red color.

Treatments

Some tourmaline gems, especially pink to red colored stones, are altered by irradiation to improve their color. Irradiation is almost impossible to detect in tourmalines, and does not, currently, impact the value. Heat treatment is also used to enhance tourmaline. Heavily-included tourmalines, such as rubellite and Brazilian paraiba, are sometimes clarity-enhanced. A clarity-enhanced tourmaline (especially paraiba) is worth much less than a non-treated gem.

Geology

Tourmaline is found in granite and granite pegmatites and in metamorphic rocks such as schist and marble. Schorl and lithium-rich tourmalines are usually found in granite and granite pegmatite. Magnesium-rich tourmalines, dravites, are generally restricted to schists and marble. Tourmaline is a durable mineral and can be found in minor amounts as grains in sandstone and conglomerate, and is part of the ZTR index for highly-***weathered sediments.***

Bi-colored tourmaline crystal, 0.8 inches (2 cm) long.

Tourmaline localities

Gem and specimen tourmaline is mined chiefly in Brazil and Africa. Some placer material suitable for gem use comes from Sri Lanka. In addition to Brazil, tourmaline is mined in Tanzania, Nigeria, Kenya, Madagascar, Mozambique, Namibia, Afghanistan, Pakistan, Sri Lanka, and Malawi.

United States

Some fine gems and specimen material has been produced in the United States, with the first discoveries in 1822, in the state of Maine. California became a large producer of tourmaline in the early 1900s. The Maine deposits tend to produce crystals in raspberry pink-red as well as minty greens. The California deposits are known for bright

pinks, as well as bicolors. During the early 1900s, Maine and California were the world's largest producers of gem tourmalines. The Empress Dowager Tz'u Hsi of China loved pink tourmaline and bought large quantities for gemstones and carvings from the then new Himalaya Mine, located in San Diego County, California. It is not clear when the first tourmaline was found in California. Native Americans have used pink and green tourmaline as funeral gifts for centuries. The first documented case was in 1890 when Charles Russel Orcutt found pink tourmaline at what later became the Stewart Mine at Pala, San Diego.

Brazil

Watermelon Tourmaline mineral on quartz matrix (crystal approximately 2 cm wide at face)

Almost every color of tourmaline can be found in Brazil, especially in the Brazilian states of Minas Gerais and Bahia. In 1989, miners discovered a unique and brightly colored variety of tourmaline in the state of Paraíba. The new type of tourmaline, which soon became known as paraiba tourmaline, came in unusually vivid blues and greens. These colors were often described as "neon" since they appeared to glow. Brazilian paraiba tourmaline is usually heavily included. Much of the paraiba tourmaline from Brazil actually comes from the neighboring state of Rio Grande do Norte. Material from Rio Grande do Norte is often somewhat less intense in color, but many fine gems are found there. It was determined that the element copper was important in the coloration of the stone.

Africa

In the late 1990s, copper-containing tourmaline was found in Nigeria. The material was generally paler and less saturated than the Brazilian materials, although the material generally was much less included. A more recent African discovery from Mozambique has also produced beautiful tourmaline colored by copper, similar to the Brazilian paraiba. While its colors are somewhat less bright than top Brazilian material, Mozambique paraiba is often less included and has been found in larger sizes. The Mozambique paraiba material usually is more intensely colored than the Nigerian. There is a significant overlap in color and clarity with Mozambique paraiba and Brazilian paraiba, especially with the material from Rio Grande do Norte. While less expensive than top quality Brazilian Paraiba, some Mozambique material sells for well over $5,000 per carat, which still is extremely high ***compared to other tourmalines.***

Tourmaline mineral (approximately 10 cm tall)

Another highly valuable variety is chrome tourmaline, a rare type of dravite tourmaline from Tanzania. Chrome tourmaline is a rich green color due to the presence of chromium atoms in the crystal; chromium also produces the green color of emeralds. Of the standard elbaite colors, blue indicolite gems are typically the most valuable, followed by green verdelite and pink to red rubellite. There are also yellow tourmalines, sometimes known as canary tourmaline. Zambia is rich in both red and yellow tourmaline, which are relatively inexpensive in that country. Ironically the rarest variety, colorless achroite, is not appreciated and is the least expensive of the transparent tourmalines.

Afghanistan

Extra fine indicolite (blue tourmaline) and verdelite (green tourmaline) are found in the Nuristan region (Ghazi Abad district) and Pech Valley (Pech and Chapa Dara districts) of Kunar province. Gem-quality tourmalines are faceted (cut) from 0.50–10 gram sizes and have unusually high clarity and intense shades of color.

WonderWorks (formerly Mineral of the Month Club)

Richard & Cheryl here from (formerly) Mineral of the Month Club in Cambria with an opportunity for store owners and wholesale buyers on the Central Coast!

As many of you already know, we have sold our Mineral of the Month Club to new owners who took over with the June 2012 mailing! This change will allow us to focus more on our Gem & Mineral Shows, and pursue some of the things we haven't had time for. From now on, we will be known by our old business name: WonderWorks. Our new

Email address is Richard@WonderworksMinerals.com.

We are interested in wholesaling the contents of our showroom in Cambria along with past featured minerals leftover from our Club. This means some great deals if you'd like to take advantage!

Call me at 805-927-2223 or Email me back if you'd like to make an appointment to come by and do some serious shopping and saving! This offer is for wholesale buyers only and will only apply to a minimum $200 purchase.

We also have our full line of tumble polished Stones, crystal pendants, beads, and everything else on sale through the month of August 2012.

We have lots of gorgeous Tumbles stones, both rare and common stones, including Pietersite, Sugilite, Prehnite, Seraphinite, Turquoise, Stilbite, Scolecite, Chrysoprase, Nuummite, and many many others--email me back of you'd like a list of Tumbled stones we have available.

So please contact me if you'd like to take advantage of this opportunity or have any questions. Thanks so much!

Richard Sittinger
WonderWorks
1770 Orville Ave
Cambria, CA 93428
805-927-2223
Cell: 805-909-1286
Richard@WonderWorksMinerals.com

Shop Helps

By Brad Smith

I was just experimenting with some video editing and came up with a jewelry-making bench tip that can improve your soldering on certain types of pieces.

Take a look at http://facebook. com/benchtips/

More BenchTips by Brad Smith are at

groups.yahoo.com/group/BenchTips/

or Facebook.com/BenchTips

August 2010 Calendar

Wednesday August 1, 2012	Show mark up of parking lot for tailgate spaces, etc. We can use help from folks of all ability levels here.
Thursday August 2, 2012 8:00 a.m. till complete	Show set up at Nipomo High School at 525 N. Thompson Ave. Nipomo. All members are cordially invited to help skirt and otherwise set up for the show!
Friday, Saturday & Sunday August 3, 4, & 5, 2012 9:00 a.m. to 5:00 p.m.	**OMS Rainbow of Gems Show** Post show victory dinner 7:00 p.m. at the Golden Dragon Restaurant, 151 Dana St. Nipomo
Tuesday August 7, 2012 7:00 to 800 pm	OMS Board Meeting at the Henson's home. All members are welcome. For information or directions call Mike at 934-1308
Tuesday August 14, 2012 7:00 p.m. to 9:00 p.m.	OMS General Meeting Luis Oasis Senior Center 420 Soares Ave, Old Orcutt. •Program- Show Recap, slides from show •Display- Treasures from the Show •Refreshments-Cookies
Saturday, August 25, 2012 9:00 to 10:00 am	OMS Monthly Breakfast- The Sunset Grill at 1424 Fairway Drive, Santa Maria

September 2012 Calendar

Tuesday Sept. 4, 2012 7:00 to 8:30 p.m.	OMS Board Meeting- Meeting at the Henson's home All members are welcome at this business For information or directions call Mike at 934-1308..
	Field Trip to be announced- *anybody want to take the job of Trailmaster?*

Saturday Sept. 8, 2012 8:00 to 10:00 a.m.	Roadside Clean up. After the cleanup, coffee and pastry at "Francisco's Country Kitchen" in Santa Maria.
Tuesday Sept. 11, 2012 7:00 to 9:00 p.m.	OMS General Meeting- Luis Oasis Senior Center 420 Soares Ave, Old Orcutt. • Program: Ralph Bishop on something interesting • Display: Fossils • Refreshments-Pies
Saturday, Sept. 22, 2012 9:00 to 10:00 am	OMS Monthly Breakfast- New location being researched

CFMS Show Schedule 2012

AUGUST 2012

August 3 - 5: NIPOMO, CA
Orcutt Mineral Society
Nipomo High School
525 North Thompson Ave.
Hours: 10 - 5 daily
Contact: Wes Lingerfelt, (805) 929-3788
Website: www.omsinc.org

August 4 - 5: SAN FRANCISCO, CA
San Francisco Gem & Mineral Society
Building 1, Treasure Island
1 Avenue of the Palms
Hours: Sat 10 - 6; Sun 10 - 5
Contact: Ellen Nott
Email: ellen_nott@yahoo.com

August 31 - September 3: FORT BRAGG, CA
Mendocino Coast Gem & Mineral Society
Town Hall
Corner of Main & Laurel Street
Hours: Fri-Sun 10 - 6; Mon 10 - 4
Jerry Sommer, (707) 937-1833

SEPTEMBER 2012

September 8 - 9: DOWNEY, CA
Delvers Gem & Mineral Society
Woman's Club of Downey
9813 Paramount Blvd.
Hours: 10 - 5 daily
Contact: Jon Fults, (714) 856-7548, (714) 287-5743 cell
Email: jhfults@verizon.net

September 15 - 16: PASO ROBLES, CA
Santa Lucia Rockhounds
Pioneer Park & Museum
2010 Riverside Avenue
Hours: 9 - 5 daily
Contact: Dale Conrad, (805) 226-0719
Website: www.slrockhounds.org

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OMS Webmaster - Wes Lingerfelt – (805) 929-3788.
Check out our OMS web site at http://www.omsinc.org or send e-mail to info @omsinc.org.

OMS Membership $24.00 for Individual, $34.00 per couple, $5.00 Each Additional Family Member, $5.00 Juniors under age of 18, $10.00 one-time initiation fee for new members.
Membership Chairperson is Jeanne Brown (805) 481-1811

2012-OMS Officers

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ORE-CUTTS (named after, William Orcutt) was published in 1966. Member Helen Azevedo was the first editor Orcutt Mineral Society was founded in 1958, and was named after William Orcutt, a geologist and Civil engineer who worked in the Santa Maria Valley as a District manager for Union oil Company in 1888. In 1889, William Orcutt discovered the mineral and fossil wealth of the La Brea Tar Pits on the property of Captain Alan Hancock. The La Brea Tar Pits are one of the most significant fossil finds in paleontological history. The OMS is a non-profit club dedicated to stimulating an interest in the earth sciences. The club offers educational programs, field trips, offers educational programs, field trips, scholarships, and other opportunities for families and individuals to pursue an interest in the collecting and treatment of lapidary materials, fossils, gems, minerals, and other facets of the Earth Sciences. In addition, another goal of this Society is to promote good fellowship, and proper ethics in pursuit of the Society's endeavors. Operating Rules have been set forth to guide the Officers and members of the Society in accomplishing these aims. Affiliations of the OMS include American Federation of Mineral Societies, and California Federation of Mineral Societies

OMS Editor		
Debbie Hood	(805) 481-6860	debilhood1@sbcglobal.net

Orcutt Mineral Society, Inc.
PO Box 106
Santa Maria, CA. 93456-0106

ADDRESS CORRECTION REQUESTED