

SOUTHERN NEVADA GEM and MINERAL SOCIETY

Las Vegas, Nevada



The Polished Slab

Volume 65, Issue 5

July/August 2005

What are those fibers in my rose quartz?

William Cordua

Most of us are curious about the variety of colors in quartz. Rose quartz is one of the loveliest types, and many of us have specimens or jewelry of rose quartz. What accounts for its delicate pink color? Recent work has shed some light on its origin - apparently it is due to the presence of a close relative of the mineral dumortierite.

The breakthrough discovery was work done in 1987 by 2 geologists at the University

(Continued on page 2)

Traffic Safety for Everyone

Chuck McKie, CFMS Safety Chair

Gasoline should be stored in tightly capped and labeled safety cans that have flame arresters and pressure-relief valves - never in glass or plastic jugs. If you must siphon gasoline, use a hand-operated pump - not your mouth. Never store gasoline in the trunk of your car. The vapors can ignite and cause an explosion. Or, a rear end collision that could otherwise be minor could result in a tragedy.

If your car has a catalytic converter, don't drive through or park in areas of dry grass. The intense heat generated by catalytic converters can ignite these grasses. Unless you are tuning your car, never run your car with the carburetor air-cleaner removed. The air-cleaner device functions as a flame arrestor in the event the engine backfires. If it is not in place, a backfire can easily ignite spilled gasoline or oil on the engine surfaces. Never discard smoking materials out the window. Use your ashtray. Carry and maintain an approved fire extinguisher in your car. Know how to use it.

Driving Excellence The following are the "Five P's" or basic principles for effective driving: Perception - Perceive the complete picture of what is ahead by rotating your eyes 180 degrees, looking to the horizon and scanning from side to side. That way you will see what is developing before it becomes a problem.

Planning - Go through various driving situations in your mind and think through "escape route" options to prepare yourself beforehand for unexpected hazards. **Prevention** - Practice defensive driving and be ready to adjust to the other person's mistakes. Give yourself time to react so that you can remove yourself from another driver's

(Continued on page 5)

What's even bigger than a 13-foot high Columbian Mammoth with 10-foot long tusks?



A 48 foot long Ichthyosaur, of course.



The Nevada State Museum's natural history galleries tell the violent story of Nevada - volcanoes that is, and include minerals, gems, and paleo specimens.

The history galleries explore the human side of the shaping of Nevada.

Visit the Nevada State Museum
700 Twin Lakes Drive
Las Vegas, NV 89107 (702)486-5205
www.nevadaculture.org

Rose Quartz

(Continued from page 1)

of Missouri at Columbia, Ken Appin and Brian Hicks. They were doing studies on the etching of various types of quartz. They discovered in one of their samples, a rose quartz from the Ruby Range of Montana, masses of pink fibers on the sample's surfaces after etching in hydrofluoric acid. The color of the fibers was spectrally the same as the pink color of the quartz specimen. Testing by X-Ray diffraction convinced them that the fibers were a mineral called dumortierite, and that they were responsible for the pink color of that particular quartz.

Dumortierite is a complex boron-bearing silicate. It was named for a French paleontologist, and has been known as a mineral since 1881. It is generally found in fibrous to columnar aggregates and is usually an attractive pink to blue to purple in color. The particular concentration of trace amounts of iron and titanium seems to control the color seen. Dumortierite often is found in granite pegmatites, high temperature hydrothermal veins, and in high-grade regional metamorphic rocks where boron was available during metamorphism. Sometimes interesting collector specimens occur from Maine, California, New Mexico and elsewhere. Lapidary quality dumortierite occurs in South Africa and other locations.

Appin and Hicks' work was followed by Julie Goreva, Chi Ma and George Rossman at Cal Tech. In a paper published in 2001, they looked for pink fibrous material in rose quartz from 29 localities from around the world. All of the samples they tested had such fibers. The fibers were very small, best described as nano-fibers 0.1 to 0.5 micro-meters wide (about 0.00002 inches). Their optical patterns again matched the pink color of rose quartz. X-Ray diffraction, Raman spectroscopy and other analytical tests showed that these fibers were from a mineral close to, but not exactly like, dumortierite. The scientists concluded the rose color of all massive

Continued on page 3

Board Meeting Minutes for July 2005

Diane Rogers, Secretary Pro Tem

July 11, 2005

Attendance: David Finch, David Rogers, Frank Auerswald, Bruce Windgate, Larry Grillett, Diane Rogers, Claire Breneman, Larry Foutz.

Board was call to Order at 18:30.

David Finch made a motion that Larry Foutz replaces George Messenger as One Year Board Member. Second by Clare Breneman. Vote was unanimous.

Larry Grillett had expenses of \$20.00 for repair of Genie. Board approved expense.

Beading and Silver Smithing classes will start at Senior Center. Pat Skeary will be the new instructor. Frank Auerswald will continue as Silver Smith instructor.

Board approved the removal of equipment from current location to be placed in storage.

SNGMS Board Meeting July 18th, 2005

Attendance: David Finch, David Rogers, Frank Auerswald, Bruce Windgate, Larry Foutz, Tom Skeary, Diane Rogers.

Meeting called to order at 19:00.

David Rogers informed board of the resignation of Jean Ruppercht.

David Fitch made motion be replace with Tom Skeary. Frank Auerswald second motion. The motion was voted and unanimous. Tom will be on board for the remainder two years six months.

Frank would be the spokes person to speak with Matt at the Senior Center.

Bruce Windgate stated Field trip was postponed because of excess heat warning.

Bruce purpose the Club Secretary write the Nevada Legislators a letter on behalf of club opposing the Senate Bill S-263 that restricts

Continued on page 3

Rose Quartz

(Continued from page 2)

rose quartz was due to this material.

Later work by this same team further characterized this material as a dumortierite relative. The only significant difference is the relatively large amount of iron replacing aluminum at a particular location in the mineral's structure. Whether or not this will constitute a new mineral remains to be seen. At this point then it is hard to tell some one exactly what this material is. Yes, it is like dumortierite, but really isn't technically, and doesn't have an official name. I could suggest it be called "that pink fibrous dumortierite-like stuff in the rose quartz". A bit unwieldy, but, (to paraphrase the Bard), to a mineral collector, wouldn't the coloring agent of rose quartz by any other name, still look so sweet?

References:

Applin, Kenneth and Brian Hicks, 1987,

'Fibers of dumortierite in quartz," American Mineralogist, v. 72, p. 170-172.

Goreva, Julia, Chi Ma and George Rossman, 2001, 'Fibrous nano-inclusions in massive rose quartz: The organ of rose coloration', American Mineralogist, v. 86, p. 466-472.

Ma, Chi, Julia Goreva and George Rossman, 2002, 'Fibrous nano-inclusions in massive rose quartz: HRTEM and AEM investigations', American Mineralogist, v. 87, p 269-276.

July Board Meeting

(Continued from page 2)

collections of rocks mineral and fossils

The SNGMS Board authorized monies for purchase of five-dollar wheel material from Utah. David Rogers will travel to purchase items.

Bruce Wingate and David Finch have been assigned responsibilities to identify business and city requirements needed for rental property for shop.

David Rogers was to contact saw repair for firm date of repair.

The Polished Slab, July/August 2005

July General Meeting

Pricilla Messenger, Secretary Pro Tem

Our meeting was opened with our Flag Salute. Then a few members who had been on summer vacations shared some memories.

Field Trip Chairman, Bruce Wingate described the June field trip to Summit, Utah for agate and magnetite. About 15 members made the trip and were delighted to also find a fossilized oyster bed that research indicates is 65 million years old. The July trip will be this coming weekend to Milford, Utah for mahogany and snowflake obsidian. The August trip will be to Enterprise, Utah for Indian Blanket jasper on August 20th and the September weekend trip on September 17-18 will be to sites near Tonopah. Bruce is working with Jim Paulis on this trip.

President David Rogers made several announcements. Since Charlotte Robinson, our Sunshine Chair, is in New Mexico for the summer, David urged members to send sympathy cards to Jet Erickson because his partner and fellow club member, Joan Fortier, died unexpectedly this month.

On August 13 and 14 there will be a gem show at Lakeview, Oregon which is just over the Nevada border from Virgin Valley on Route 395.

An antique store in Goldfield, Nevada is having a Going-Out-of-Business Sale during the month of August. Goldfield Days celebration will be held August 19-21.

A party in Vallejo, California has a 36-inch saw for sale for \$5,000. Call David Rogers for the person to contact.

Treasurer David Finch gave the Treasurer's Report. Then David Rogers announced that our new Beading instructor, Pat Skeary, will begin classes on the 2nd, 3rd and 4th Mondays of each month beginning on Monday, July 18. The classes will be at this same facility at Las Vegas Boulevard and Bonanza Road from 7-9 PM.

President Rogers thanked the retiring Beading instructor, Maxime Riggs for her contribution to the club. The Silversmithing instructor, Frank

(Continued on page 7)

Field Trips

Bruce Wingate, Field Trip Chair

Around 15 members attended the field trip to Summit, Utah, north of Cedar City. It went well for there was an unexpected find of fossil oyster beds providing many fine specimens of oysters and other shell fossils from the Cretaceous Period—at least 65 million years old. Some agates were also found in the same area. The second spot was to old iron mines where fine magnetite samples were found, along with other specimens. One piece was found with beryl crystals.

August 20 is still set for Enterprise, Utah, for Indian Blanket Jasper. This is a fee site.

Work is progressing on the weekend trip for September 17-18 near Tonopah. St present, plans are still tentative. I have a lost of hotels and RV parks in the area. One of the hotels has group room rates. There are no camping sites that I am aware of, not like we had at Burro Creek.

Date	Destination
August 20	Enterprise, Utah. Indian Blanket Jasper. This is a fee site.
September 17-18	Tonopah, Nevada

This schedule may be subject to change due to the availability of access, and to changing weather conditions.

If you are unable to make the club meeting, you can call me at 702 547-6590 to sign up or find out about the next field trip.

If you are unsure about making a trip, you can call the day before, or show up at the meeting site on the day of the trip.

Some field trip sites have nearly been picked clean. As a reminder, when collecting, take only what you will use. Save some for others.

If any member has a suggestion for a field trip, please contact me.

History Museum and BLM Offer SNGMS Members Field Trip Opportunities

Bruce Wingate, Field Trip Chair

A California museum and the Bureau of Land Management offer field trips to sites throughout central California.

The Buena Vista Museum of Natural History and the BLM have a non-technical program for anyone high school age or older with an interest in recent history, really ancient history (paleontology), minerals, or geology.

The schedule:

Sept. 10-11: Southern Death Valley

Start at Searles Lake and the Trona Pinnacles, take 4x4 roads over the Panamint Mountains into Shoshone for an overnight stay. Includes a stop at Tecopa Hot Springs and a visit to the Amargosa Opera House.

Sept. 30-Oct. 2: Mother Lode-Part 1: Southern Mines

This 3-day field conference examines the mines, geology and mining history between Maricopa and Jackson. There will be a Friday Evening Lecture Series in Jamestown at the Community Hall from 6 to 9 p.m. Saturday's trip will be from Jamestown through Columbia, then on to the Hidden Treasure Mine and to the Westpoint Mining District via the Chaw Se Historic Park (petroglyphs, grinding stones). Sunday's field trip starts in Coulterville and examines the mining areas of La Grange, Homitos, Bear Valley and Mt. Bullion. The Sunday field trip ends with a stamp mill demonstration in Mariposa and a visit to the State Mining and Mineral Museum.

The fine print:

You must complete a registration form, which is available online at www.ca.blm.gov/bakersfield/georeservationform.htm.

Fees are \$10 per person per day, or \$25 per vehicle per day, whichever is less. Please make your check payable to Buena Vista Museum

(Continued on page 7)

Traffic Safety for Everyone

Continued from page 1

fully. Publicity - Broadcast your driving intentions early enough so that other drivers have time to react to you. Make eye contact when possible. Avoid sudden movements and be as visible as the situation requires by using turn signals. Proper - Proper attitude is very important in safe driving. Many collisions are caused by bad decisions influenced by anger, speed and frustration. When emotions run high, recognize and neutralize any tendency to forego safe driving practices.

Driving at Night While only about one-third of all traffic-related incidents occur at night, more than half of the fatalities stem from night-time driving. In fact, based on miles driven, there are two and a half times more fatalities at night than during the day. This is because less light is available and vision is restricted. Night vision varies considerably among people. Older people generally cannot see well in the dark and eyestrain can substantially reduce night vision. Bright light, such as lightning or high-beam headlights, can cause temporary blindness at night. Headlights on low beam illuminate the roadside for about 150 feet. On high beam, visibility will be 350 to 400 feet. At 55 miles per hour, it takes 4.5 seconds to cover 350 feet. For night driving, control speed so that your stopping range is within headlight range. To improve your visibility and the ability of others to see you, do the following: Turn your headlights on at dusk, and leave them on until full daylight. Keep your headlights clean and properly aimed Replace burned-out headlights immediately Dim your high beams within 500 feet of an approaching vehicle or within 300 feet of a vehicle in front of you Never stare into the high beams of another car; guide your vehicle by watching the right edge of the road Do not flick your high beams up and down to remind another driver to dim his brights - it can blind him temporarily Never use high beams when going into a curve

Keep your windshield clean, inside and out. Keep your instrument panels dim. Keep your eyes moving; avoid focusing on any one object Keep a bottle of windshield or glass cleaner in the cab for mirrors and interior windshields Keep

your windows clean. Wiping the blades with club soda or carbonated water will significantly reduce streaking. If the washing solution under your hood does not leave the glass clean after 10 wiper cycles, replace the blades and/or use a stronger concentration of washing fluid. Between 11 p.m. and 3 a.m., be particularly alert for drunk or drowsy drivers. If you notice another car with erratic speeds, weaving across lanes, or delayed starts at intersections, use extreme care in passing.

Driving in Bad Weather Bad weather affects your ability to control your vehicle. Stopping on wet pavement takes approximately twice the distance as stopping on dry pavement. On ice or sleet, it takes you five times the distance to stop. Leave extra space between you and the vehicle in front of you in any kind of weather. About six times more people are killed on wet roads than on snowy and icy roads combined, and when it starts to rain; the roads are the most slippery. When the road is wet, your vehicle "hydroplanes" - the front tires literally lift so that the vehicle is riding on a film of water rather than the actual pavement. Hydroplaning begins at speeds as low as 35 miles per hour if the tires are worn.

Do the following when driving on wet roads: Keep your mirrors cleared of water. Avoid sudden braking and sudden moves of the steering wheel. If you are about to go through a large standing pool of water, slow down and turn on your wipers before you hit the water. As you leave the water, tap the brake lightly a few times to dry it out. If the car pulls to one side, pump the brake slowly and smoothly to dry the brake out. If you begin to hydroplane, hold the wheel steady, take your foot from the accelerator and gently pump the brake. If you turn the wheel from side to side to try and get down through the water, or if you jam on the brake, you probably will skid.

When visibility is poor, such as in dust storms, do the following: Slow down but avoid decelerating suddenly. Watch the road ahead and behind carefully for other cars that are traveling slowly. Turn on your lights, regardless of the time of day, and use your wipers. Never use the high beam on

General Meeting Minutes for June 2005

Pricilla Messenger, Secretary Pro Tem

Our President, David Rogers, lead us in our salute to the American flag to open our meeting.

Sharon Rogow, our Show Chair, reported on our Convention Center Gem Show this past weekend. Total income was \$1,539.00. David pointed out that Lynn Manthey's donation of his truck to transport our materials saved the club at least \$200 in rental fees. Special thanks to Charlotte Robinson, Sharon Rogow, Lynn Manthey, Art Lory, Frank and Judi Auerswald, Larry Grillette, Beth Jones, David Rogers,

Arnold Wermes, Brenton Wingate, Wes and Simi Bryant, David Finch and Pat Grillette. Many thanks also to Betty Watson who donated a handmade afghan to be raffled at some later date and to all those who prepared a display case. At the Convention Center we found setup and takedown easier, more vendors came and it seemed the crowds were larger with access from the Strip by monorail to the site. Free parking involved a long walk but those who paid for the expensive parking were reimbursed. An impromptu poll of members seemed to indicate the majority favored Cashman Center as a show site.

Mary Beth Paladino, who is in charge of the Pebble Pups program, reported that Doris Currington and Jim Switalla took 20 boys to the Eldorado Canyon Mine and to the Boulder City park where they were able to see Bighorn sheep up close. The Pebble Pups next project is to make model volcanoes.

David Rogers announced that brochures on the three-day Goldfield Celebration on August 19-21 were available for members.

Treasurer, David Finch, gave his monthly report on the inflow and outflow of club funds and the

total balance in all our accounts.

Our Workshop Committee, appointed in January, spent a Saturday draining the oil from 4 club saws and cleaning them and then delivered them to Riverside, California for repairs. Based on input by our general membership about 9 months ago, a request was made for the shop to be open for more hours. A volunteer committee headed by Wes Bryant began to investigate long-range club options for the workshop. Mention was made of ways this could be accomplished such as giving workshop keys to several workshop foremen and installing more alarm safeguards. During the process of these negotiations, the Rupprechts decided that this was not feasible on their private property, and they engaged an attorney who delivered a demand for a 30-day termination of the lease our club has for the workshop. This letter and all subsequent correspondence was read to the membership by President David Rogers so that we can discuss long-range plans at the July 11 general meeting. Meanwhile, Silversmithing and beading classes will be held at our meeting site at Las Vegas Boulevard and Bonanza.

After our social and refreshment break, it was announced that any one who wished to order a new club badge should make arrangements with Treasurer David Finch.

Beth Jones will begin selling Raffle Tickets for December Awards Banquet at the August general meeting. Ron Antoku, who has been our longtime Hospitality Chair, is now resigning because his new schedule will take him out of town alot. Please help Fran Entemann, Clare Breneman and Dorothy Hansen of the Hospitality Committee when it is your turn to provide some refreshments (the month of your birthday).

Field Trip Opportunities

(Continued from page 5)

of Natural History and mail with your form to: BVNHM, 2018 Chester Ave., Bakersfield, CA 93301. Credit card payments can be made by calling (661) 324-6350, which is the general information number.

The point of contact is Dr. Gregg Wilkerson, BLM, 3801 Pegasus Dr, Bakersfield, CA 93308. (661) 391-6081 or (661) 391-6070. Gregg_wilkerson@blm.gov.

(Continued on page 7)

Traffic Safety for Everyone

Continued from page 5

your headlights. The reflection of the beams from the dust will actually reduce your visibility. Even if the lights do not improve your own visibility (as in daylight), they will make it possible for other motorists to see you better. If you need to slow down, tap your brake pedal several times so that the flash of your brake lights will warn motorists behind you. CFMS Newsletter 10 June 2005

Animals in the Road If you encounter an animal running into the road, do the following: Gauge your reaction by the size of the animal and your vehicle speed. Try to avoid the animal by slowing or swerving, but remember that it is better to hit a small animal (dog, cat, rabbit) than to risk losing control of the vehicle. Hitting a large animal (horse, deer, cow) will have an impact equal to hitting another vehicle. Remove your foot from the accelerator, steer the vehicle in the opposite direction from the one in which the animal is running and be prepared for the animal to stop suddenly. Do not jam on the brake. Keep all steering wheel and brake motions smooth. Be

alert for children who may run after the animal.

Tire Blowout Front tire blowouts are most dangerous, because loss of a front tire dangerously interferes with the steering of the car. You may hear an explosive boom, and the vehicle will veer suddenly to the side of the blown-out tire. To regain control, follow these steps: Take your foot off the accelerator, giving the car a chance to slow down. Hold the steering wheel firmly with both hands - expect it to be difficult to steer. When you have gained control of the steering, put on the brake slowly; avoid locking the wheels. Come to a gradual and complete stop, if you can, off of the roadway so that you can change the tire safely.

Brake Failure In case of brake failure, do the following: Attempt to slow the vehicle, both manual and automatic, by downshifting. Then gently apply your parking brake. You cannot pump an emergency brake. Remember that this is a cable brake. The rear wheels may lock if you apply too much force and the vehicle will probably pull to one side. Pump the brake pedal rapidly. It may build up pressure in the brake lines and restore some braking force. If you have to collide with something, choose an impact-absorbing object, such as a clump of shrubs or a chain-link fence. Avoid head-on collisions - sideswipe whatever you hit. At slow speeds, simply turn off the engine and let the vehicle coast to a stop.

Vehicle Crashes Unfortunately, vehicle crashes occur. Most often citizens will be at the scene of the crash before fire units are there and it is important that they know what to do correctly or, in some cases, what not to do. Be sure that someone has called 9-1-1. Is the scene itself life-threatening? For example, a car hits a tanker that is now leaking an unknown substance. Since you are dealing with an unknown, the patient should immediately be removed a safe distance from the leak regardless of his condition. As best as possible, however, immobilize the patient's head and neck during movement. If the scene is not immediately life-threatening, assess the patient's condition and manage critical situations

Continued on page 8

General Meeting Minutes for June 2005

Continued from page 6

Field trip Chair, Bruce Wingate, reported that club members on the Sperry Wash field trip in May found a large vein of agate and some limbcasts. The June 18th field trip has been changed to a site near Cedar City, Utah for plume agate and magnetite. Participants should meet at 7 AM at the Moapa Indian Casino meeting site off of I-15 North (Exit 75) where you will receive instructions to the site.

Mary Beth Paladino, Program Chair, introduced our monthly program. Our speaker, Elsie Sellers from the Nevada Division of Wildlife, gave a very informative slide show on the birds and wildflowers of the Las Vegas valley.

Our meeting was adjourned at 8:50 PM followed by the monthly raffle.

Traffic Safety for Everyone

Continued from page 7

first. Does the patient have a clear airway? Is the patient breathing? Is there excessive bleeding? If you know CPR, and the patient needs it, administer it immediately.

If there is excessive bleeding anywhere, apply direct pressure to the wound with a dry, clean cloth. If there is no immediate danger to the patient and he doesn't need any management of the ABC's, do nothing. Keep the patient as he is in the vehicle until fire units can get on the scene. There may be cervical spine damage of which you are unaware and movement by the patient could only make it worse. Many times, people who have just been in a car crash will want to jump out of the car and move about. But as best as you are able, keep them still.

The scene can be a combination of environmental hazards such as downed electrical wires, unknown substance leakage, gasoline spills, fire, etc. If you are on the scene before law enforcement officers or fire units, be aware of such dangers. Often, spilled gasoline is present. Allow no smoking. Turn all vehicle ignitions off. If the car is on fire and firefighting personnel have not yet arrived, decide if you can remove the passengers quickly enough or whether you should fight the fire. If the passengers are not trapped, move them first. If they cannot be extricated quickly, deal with the fire.

The main cause of most vehicle fires after a crash is from a ruptured fuel tank or fuel lines that have been ignited by internal or external sources. The most common ignition point, however, is under the hood, which rarely presents a serious hazard to vehicle occupants unless combustion is enhanced by gasoline.

Most under hood fires will not spread unless fueled by an external source. Once emergency units do arrive, tell them what you know and then get out of their way.

They are trained professionals and know what to do from that point.

(From Phoenix Arizona safety info)

July General Meeting

Continued from page 7

Auerswald, will hold those classes at this same facility on Tuesday evenings from 6:30 PM to 9 PM beginning on the 26th of July. Both of these classes are open-ended and the teacher will try to accommodate people of different skill levels.

The repair of four workshop saws will be completed by the end of August. Roy Beeson expressed concern about proper storage of the saws and cabachon and faceting equipment while Wes Bryant and his committee are investigating our options for another workshop facility. He suggested a sealed container and mentioned a trailer presently for sale at a reasonable price. President Rogers assured him that good arrangements for storage are being pursued.

The telephone committee will call members when volunteers are needed to remove our equipment and rocks from the old workshop to the storage area.

After a 20-minute Refreshment Break with socializing, President Rogers introduced guests - Gail Harmon, Harry Onaga and Jeff and Carmen Harper.

He announced that Larry Foutz had been selected by the Board to fill out the remaining 6-month vacancy on the Board.

Please begin to assemble your donation for the Silent Auction to be held in December at our Awards Banquet.

New Nevada laws administered by the Clark County District Attorney prohibit facilities like the Heritage Museum from allowing dealers to stay overnight so we will not be able to have a show there this fall. We will continue to seek a way to find a mutually acceptable way to hold this show another year.

The July 11th Program speaker was unable to come this evening because of a family emergency. There being no further business, the meeting was adjourned at 8:20 PM. The monthly Rock Raffle followed.

GOLDFIELD DAYS CELEBRATION 2005

AND 6TH ANNUAL LAND AUCTION

JOIN US ON AUGUST 19, 20 & 21 2005
IN CELEBRATION OF THE 100TH ANNIVERSARY OF THE FIRST
PASSENGER TRAIN ARRIVAL GOLDFIELD, NEVADA 1905



DRAWING WITH FABULOUS GETAWAYS AND PRIZES!

Parade, Land Auction, Bus Tours of Historic Goldfield, Live Music & Street Dance, Pet Parade, Crafts, Antiques, Food, Beer Garden, Video presentations of the Railroad and Goldfield History, Old West Gunfights, Miners Liar Contest, Horseshoes, Old Fashioned Children's Games, and much, much more!

Special thanks to all our contributors and sponsors for their generous donations.
Look for list of sponsors in our ads for Nevada Magazine and the RV Journal

FOR MORE INFORMATION CONTACT THE GOLDFIELD CHAMBER OF COMMERCE
(775)-485-3560 • PO BOX 204 GOLDFIELD, NEVADA 89013
email: goldfieldchamber@yahoo.com

ADVERTISING MADE POSSIBLE BY A GRANT FROM THE NEVADA COMMISSION ON TOURISM



Our Past

Submitted by Bruno and Phyllis Syzdek

The following is from the August 1986 issue of Polished Slab.

AUG. Birthday Gemstones

The Gemstones for AUGUST are SARDONYX and PERIDOT. Both are fairly rare stones.

The Sard-Onyx name came from the Greek "Sard"...meaning reddish-brown, and "Onyx"...Latin...meaning a veined gemstone. In Medieval times it was believed if a camel's head or two goats among myrtles were engraved on an Onyx it had the power to assemble and constrain demons, but if anyone wore it, they would have terrible nightmares or visions in sleep. The Onyx was supposed to impart gravity, good sense, constancy and fortitude to men, but would give fickleness and foolishness to young women. To married women it would impart constant love and perseverance. Onyx is the symbol of felicity and married happiness.

PERIDOT is a very rare stone and is associated with few superstitions. Among the Romans it was worn to repel terror, enchantment and melancholia. Only the very rich could afford the gemstone. In the Middle Ages it was a charm against evil spirits of the night. When pierced and strung on the hair of an animal and worn around the neck or attached to the left arm, it protected the wearer against evil spirits.

The flower for AUGUST is the POPPY, symbol of eternal sleep and oblivion (Greek). It is dedicated to all Nocturnal Deities and is also the emblem of Memorial (Veteran's) Day. Poppy is the symbol of Imagination and Dreaminess and Herb of the Moon in Astrological Lore. It was sacred to the Greek God of Sleep and Death...Morpheus. The name comes from the Latin...Somniferum, which means "sleep".

The Chinese flower for AUGUST is the Pear Blossom, a symbol of Purity and Longevity.

The Japanese symbol of AUGUST is the Hill Crest with a Full Moon which is the symbol of good fortune.

AUGUST was named after AUGUSTUS CAESAR, the first Roman Emperor. Its name before that had been Sextilis which means "Sixth" month.

La Rae Bringham



La Rae Bringham
Birthday Chairman

PLEASE NOTE:

When it's your BIRTHDAY, it's your turn to bring the cake or cookies to go with our COFFEE & "make our Break"!



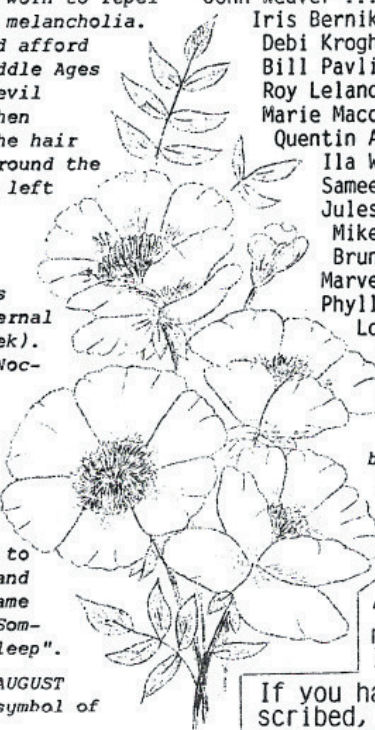
HAPPY BIRTHDAY TO:

John Cooke	1
John Weaver	2
Iris Bernikow	4
Debi Krogh	5
Bill Pavlicek	5
Roy Leland	7
Marie Macom	7
Quentin Avery	9
Ila Warner	9
Samee Cordova	15
Jules Steiner	19
Mike Stapleton	21
Bruno Syzdek	23
Marvel Barker	24
Phyllis Syzdek	26
Lola Lampert	27
Chris Herold	28

Lola & Jerry Lampert
enjoy a double celebration on her birthday...
it's also their WEDDING
ANNIVERSARY...Hope it's
a happy one!

NOTICE: The magazine
"GEMS & MINERALS" is
no longer being published.

If you have recently subscribed, write for a refund.



Squash Blossoms

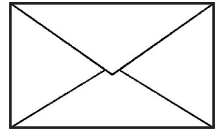
Did you know that the “blossoms” are not squash, but a stylized version of the pomegranate flower or its immature fruit? That the design originated in Mediterranean countries? That the pomegranate configuration, a common Spanish motif, was probably brought by the Spaniards to Mexico, where it was adopted by the Mexican platero (silversmith)? Later it was used by the Navajo, who apparently began working with it sometime between 1850 and 1870 and are believed to have been the first historic North American Indian silversmiths. The crescent-shaped pendant the naja - was also brought to the Indian Territory by the Spaniards.

From Westminster Colorado via Rocky Review
02/03

Words of wisdom for the Rockhound in all of us.

1. Always walk uphill while collecting large specimens.
2. Tin Oxide will not work as well in your coffee as Cremora.
3. Most good gemstones can be dug up only during a rain or snow storm.
4. All good gemstones are a good 5 miles away along a dirt road at about an 8,000 foot elevation.
5. If you can't identify a mineral, call it jasper, no one else will know either.
6. Don't store' tumbled rocks in a candy dish.
7. There are approximately 135 ways to polish jade, most of which don't “work.”

Letters



From Glenn Beye:

Joan Fortier passed away this Last Thursday [June 16].

Joan Fortier, along with her partner Jet Erikson, were very active members of our clubs. Joan was Sunshine person for many years. She and Jet spent many days (weeks and months) as inventory Chair persons, before and when the clubs merged.

Joan had been fighting cancer all year and they had no time to renew their dues this year.

Hello,

I was just wondering about something, as while I'm a new member, I am now unable to attend any of the meetings now, as I work Monday through Friday swing shift at a casino...

Does the rock club have any kind of yahoo forums wheremembers can chat and talk via the net about places to go and that sort of stuff?

If not any chance something like that could be started? I'd sure love to be able to talk to folks about places they've been hounding at, that I have no clue might be out there..

Thanks...

Michael Burch

<p><i>ORIGINALS</i> By Charlotte and Irene</p> <p>Sea Salt Body Scrubs Sea Salt Bath Salts Exfoliating Loofas and Soaps</p> <p>Charlotte Robinson 702-658-1120 originalsbycharlotte@earthlink.net</p>	
---	--

The Rock Hound Saloon

14444 Fiddletown Rd., P.O. Box 204 Fiddletown, CA. 95629

"ROCK SHOP" is sponsoring a

"Rock Tail Gate"

Rock Tail Gate

Open to anyone who sells rocks or rock related items. It will be set up in front of "Fiddletown Rocks" (lapidary work shop). Space Fee is \$25.00 which benefits Fiddletown Community Center to help with needed repairs.

Contact:

Ken or Vilia
209-245-3912

In conjunction with Fiddletown's Annual

Fiddler's Jam

Sat. - Sept. 17, 2005

For your comfort, bring a chair & a sunbrella.

Food, Beer, Wine Tasting,
Soda, Water

Fiddler's Contest

There will be a stage in the street, so if anyone is interested in participating and you play a musical instrument (doesn't have to be a fiddle), contact:

Dan - 209-296-0918

Designated areas will be available for groups who would like to play.

Parking on the side of the road or follow signs to designated parking areas and catch a shuttle.

Disabled parking on Fiddletown Rd. behind Stage at Tyler Rd.

4th Annual Horseshoe Tournament

Fiddletown Community Park

Cash Prizes

Entry Fee, \$10.00
25% to benefit the Community Center

Contact:

Ted - 209-245-6855

Street Fair Vendor Spaces Available

Fee \$25.00

Contact:

Pat - 209-296-5705

View Finders camera club of Sacramento will have their photos of Fiddletown on Display at the Community Center.

"Gold Panning Trough"

In front of Fiddletown Rocks, with a gold miner on hand to teach you how to pan for "gold." It is \$5.00 for a bag of sand laced with gold and a booklet teaching you how to pan on your own. Pans will be available for learning or you can a pan to use at the creek.

Rock Hound Saloon features rock and minerals from all over the world. We have rough rock, polished rock, slabs and cabs, dino bone, whale bone, minerals and fossils. Carvings-Sculptures- Crystals-Handmade jewelry- Rosaries. Jewelry to order & Repairs. Cut - Polishing- Lapidary Work Shop- Rental Fee for use of workshop \$10.00 per hour.

Visit our Rock Yard where the slabs are in a sluice box that waterfalls into a pond & moss covered wall holds back the mountain.

Open 7 days a week - 11am. To 5pm. After 5pm. Please knock or call.

Southern Nevada Gem and Mineral Society
P.O. Box 94744, Las Vegas NV 89193
HTTP://www.sngms.com
E-mail: admin@sngms.com

The Southern Nevada Gem and Mineral Society was organized to educate ourselves and the community in the science and arts related to rocks, mineral, gems, fossils, and nature in general. Fostering an understanding and appreciation of the physical world, we can use it and protect it for future generations. We are incorporated for the purpose of promoting an active interest in Geology, Gemology and facilitate an improvement in knowledge of the art of cutting, polishing, collecting and displaying gems. We began in 1932, and became the Southern Nevada Gem and Mineral Society in 2003. The very first Polished Slab was published in 1940 by Paul Mercer.

Officers - Board of Directors - Committee Chairmen

Elected Officer	Name	Phone	Elected Officer	Name	Phone
President	David Rogers	260-6344	One Year Board	Clare Breneman	838-0012
Vice-President	Larry Grillett	656-0262	Two Year Board	Frank Auerswald	365-8306
Secretary	Open		Three Year Board	Open	
Treasurer	Dave Finch	655-6344	Field Trip Chair	Bruce Wingate	547-6590
One Year Board	Larry Foutz	896-7757			
Volunteer Committee Member			Volunteer Committee Member		
Parliamentarian & Sargent at Arms	Craig Edmonds	838-0012	Refreshments	Open	
Polished Slab Editor	Larry Foutz	896-7757	Raffel	Open	
Webmaster			Inventory		
Website Liaison	Carolyn Edmonds	838-0012	Sunshine	Charlotte Robinson	658-1120
Federation Director	Bruce Wingate	547-6590	Publicity		
Show Chairman	Sharon Rogow	656-1144	Class Coordinator		
Hospitality	Pat Grillett		Programs	Mary Beth Paladino	255-1647
Historian	Bruno & Phyllis Syzdek	876-3861	Shop Forman		
Librarian	Tom Ainsworth	384-9935	Shop Forman		

Polished Slab Advertising Rates

Ad Size		Six Months	Year
2" by 3½"	Business Card	\$ 18	\$ 30
4½" by 5½"	¼ Page	\$ 48	\$ 90
5½" by 8"	½ Page	\$ 90	\$170

First month free for club members.
All ads are to be paid prior to publication.
Make checks payable to SNGMS.
Mail to P.O. Box 94744 Las Vegas, NV 89193

Editors: Please send exchanges to: Polished Slab Editor P.O. Box 94744 Las Vegas NV 89193
The Polished Slab, July/August 2005

Club Gemstone: Turquoise

Club Colors: Turquoise and Silver

Club Logo: Arrowhead

Club Motto: Rocks-R Us

Annual Dues

Individual: \$15.00

Family: \$20.00

Club / Membership Name Badges are available at \$10

Meetings: 7:00 PM the first Monday of each month at the Senior Center 450 Bonanza at Las Vegas Boulevard Las Vegas, Nevada 702-229-6454

Visitors are always welcome.

Please bring a friend or two.

**The Polished Slab
Southern Nevada Gem and Mineral Society, Inc.
P.O. Box 94744
Las Vegas, NV 89193**

**Non-Profit
Organization US
Postage Paid
Las Vegas, NV
Permit No. 2715**

Return Service Requested

NEVADA MINERAL & BOOK COMPANY

Come explore over 2,300 square feet of rare mineral specimens and specialty books.

**BOOKS (NEW AND USED & RARE) MINERALS, FOSSILS, DECORATOR ITEMS,
MAGAZINES, EDUCATIONAL KITS, MAPS, AND MINING EPHEMERA
(STOCK CERTIFICATES, ETC.)**

IN STOCK MINERALS OF NEVADA (The first comprehensive mineralogy ever done for Nevada!)

**645 N. PUEBLO BLVD.
HENDERSON, NEVADA 89015**

PHONE (702) 568-9977

<http://minbooks.net>

(In Marker Plaza, Off E. Lake Mead Drive, Approx. 2.5 miles East of Boulder Highway)

**OPEN TUESDAY THROUGH SATURDAY 10AM-6PM
OTHER TIMES BY APPOINTMENT**